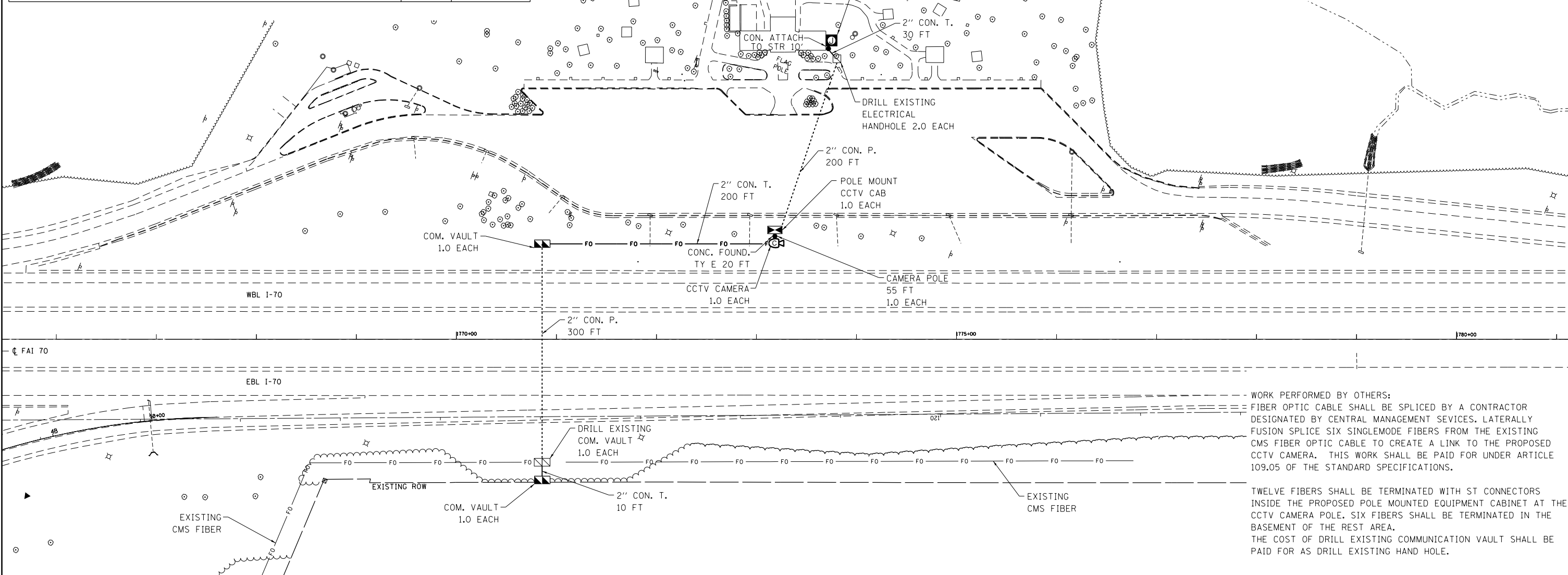


Location No.:	CCTV #6	LOC DESCRIPTION	NATIONAL TRAIL REST AREA, WB			
County:	EFFINGHAM	Route:	I-70	M. P.:		Direction: WB
Description of Work		Unit	Quantity			
UNDERGROUND CONDUIT, PVC, 2" DIA.		FOOT	760.0			
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL		FOOT	10.0			
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"		EACH	1.0			
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6		FOOT	1000.0			
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER		FOOT	20.0			
DRILL EXISTING HANDHOLE		EACH	3.0			
CLOSED CIRCUIT TELEVISION CABINET		EACH	1.0			
CAT 5 ETHERNET CABLE		FOOT	60.0			
CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED		EACH	1.0			
CAMERA POLE, 55 FT		EACH	1.0			
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE		FOOT	1000.0			
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH		EACH	2.0			
CIRCUIT BREAKER, 1-POLE, 20 AMP, 120V IN EXISTING CABINET		EACH	1.0			
COMMUNICATIONS VAULT		EACH	2.0			



THE CONTRACTOR SHALL OBTAIN LOCATION VERIFICATION PRIOR TO INSTALLING THE CONCRETE FOUNDATION AND CAMERA POLE.

THE CONTRACTOR SHALL INSTALL THREE #6 1/C XLP-USE CABLES FROM THE PROPOSED POLE MOUNTED EQUIPMENT CABINET TO THE EXISTING HIGHWAY LIGHTING CONTROLLER CABINET LOCATED IN THE BASEMENT OF THE REST AREA.

THE COST OF THE GALVANIZED STEEL LBS, BRACKETS, HARDWARE AND ALL OTHER ITEMS REQUIRED FOR INSTALLING THE PROPOSED JUNCTION BOX ONTO THE WALL AND FIBER OPTIC AND ELECTRIC CABLES INTO THE REST AREA BUILDING SHALL BE INCLUDED IN THE BID PRICE FOR THE CONDUIT ATTACHED TO THE STRUCTURES.

THE COST OF PENETRATING THE EXTERIOR WALL OF THE REST AREA BUILDING SHALL BE INCLUDED IN THE BID PRICE FOR THE STAINLESS STEEL JUNCTION BOX.

THE CONTRACTOR SHALL OBTAIN LOCATION VERIFICATION PRIOR TO INSTALLING THE FIBER ENCLOSURE IN THE BASEMENT OF THE REST AREA.

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.

TWELVE FIBERS SHALL BE TERMINATED WITH ST CONNECTORS INSIDE THE PROPOSED POLE MOUNTED EQUIPMENT CABINET AT THE CCTV CAMERA POLE. SIX FIBERS SHALL BE TERMINATED IN THE BASEMENT OF THE REST AREA.
 THE COST OF DRILL EXISTING COMMUNICATION VAULT SHALL BE PAID FOR AS DRILL EXISTING HAND HOLE.

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ci:\pw\work\pwidot\teasleyck\d0360593\07	4643-shr-plan.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WB NATIONAL TRAIL REST AREA (CCTV Location #6)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 ITS 2014	VARIOUS	72	35
			CONTRACT NO. 74643	
ILLINOIS FED. AID PROJECT				