

**INDEX OF SHEETS**

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**HIGHWAY STANDARDS**

701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

LOCATIONS OF THE CCTV CAMERA INSTALLATIONS ARE APPROXIMATE. THE CONTRACTOR MAY ADJUST THE LOCATIONS OF THE INSTALLATIONS UP TO 400 FEET TO FACILITATE INSTALLATION WITH WRITTEN APPROVAL OF THE RESIDENT ENGINEER AND THE ELECTRICAL DESIGN SECTION. ALL STANDARD NON-FRANGIBLE SETBACK REQUIREMENTS AS WELL AS CLEAR ZONE REQUIREMENTS SHALL BE MAINTAINED.

THE CONTRACTOR SHALL EXERCISE CARE WITH THE INSTALLATION OF UNDERGROUND EQUIPMENT AS THERE ARE EXISTING PRIVATELY OWNED FIBER OPTIC FACILITIES WITHIN THE PROJECT LIMITS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT ANY UTILITIES IN THE WORK ZONE AND REQUEST UTILITY LOCATES.

THE CONTRACTOR SHALL BE AWARE OF THE DOCUMENTATION REQUIREMENTS WHICH REQUIRE GPS DATA ACQUISITION.

BACKHAUL RADIO EQUIPMENT IS NOT SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE QUANTITY AND LOCATION OF THE BACKHAUL RADIOS BASED ON THE CONTRACTOR'S EQUIPMENT MANUFACTURER SELECTION TO COMPLY WITH THE SPECIAL PROVISIONS. THE BACKHAUL RADIO SYSTEM IS INCLUDED IN THE PAY ITEM FOR WIRELESS VIDEO DISTRIBUTION SYSTEM, AND WILL NOT BE PAID FOR SEPARATELY.

FIBER OPTIC SLACK SHALL BE 50 FEET FOR EACH CABLE AT HANDHOLES WHERE SPLICING IS INDICATED. FIBER OPTIC CABLE SLACK SHALL BE 100 FEET FOR EACH CABLE AT HANDHOLES WHERE NO SPLICING IS INVOLVED; UNLESS OTHERWISE INDICATED.



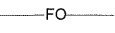

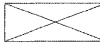
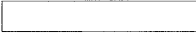

THE ELECTRICAL MAINTENANCE CONTRACTOR (EMC) SHALL BE CONTACTED FOR .....

RECORD DRAWINGS OF THE EXISTING LIGHTING INSTALLATIONS FOR POWER ARE AVAILABLE FOR REVIEW AT THE DISTRICT ELECTRICAL DESIGN SECTION OFFICE WITH 48 HOUR ADVANCE NOTICE.

BORING LOGS OF THE I-55 MAINLINE ARE AVAILABLE FOR REVIEW AT THE DISTRICT ELECTRICAL DESIGN SECTION OFFICE. WITH 48 HOUR ADVANCE NOTICE.

ALL RACEWAYS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 30-INCHES.

**LEGEND AND SYMBOLS**

	CCTV CAMERA, 80 FT. MOUNTING HEIGHT
	ELECTRIC SERVICE
	FIBER OPTIC CABLE, SINGLE MODE, NUMBER OF FIBERS AS INDICATED
	UNIT DUCT, 2-1/C #8 AND 1/C #10 GND UNLESS OTHERWISE INDICATED
	CONTROL CABINET
	GALVANIZED RIGID STEEL CONDUIT
	HANDHOLE, COMPOSITE CONCRETE, 30" X 48" UNLESS OTHERWISE INDICATED.

**ABBREVIATIONS**

Prefix	Component
ADF	Add/Drop, Fiber Optic (CWDM or other)
CAX	Coax Cable
CSC	Cable Splice, Copper
CSF	Cable Splice, Fiber Optic
CTD	CCTV Camera, Dome
CTF	CCTV Camera, Fixed Position
CBT	Channel Bank, T1
CCC	Control Cable, Copper
CVB	Controller, Video, Backup
CVP	Controller, Video, Primary
DAV	Distribution Amplifier, Video
DCC	Distribution Cable, Copper
DCF	Distribution Cable, Fiber Optic
DEC	Decoder (Codec MPEG2)
DMS	Dynamic Message Sign
VRD	Video Recorder, Digital
ENC	Encoder (Codec MPEG2)
ETH	Ethernet Cable
HHL	Handhole
JBC	Junction Box, Control (copper)
JBF	Junction Box, Fiber Optic Cable
JBP	Junction Box, Power
KBD	Keyboard
LDI	Loop Detector, Induction
LDM	Loop Detector, Microloop
MDF	Mux/Demux, Fiber (CWDM)
MON	Monitor, Computer
MVD	Monitor, Video
MVR	Monitor, Video, Flat Panel Rack (LCD rack)
MXS	Multiplexer, SONET
PCE	Patch Cable, Ethernet
PCF	Patch Cable, Fiber
PLP	Pulling Pedestal
PPC	Patch Panel, Copper
PPE	Patch Panel, Ethernet
PPF	Patch Panel, Fiber
PPV	Patch Panel, Video

RMC	Radio, Microwave, Control (unlicensed)
RMV	Radio, Microwave, Video (unlicensed)
RXF	Receiver, Fiber Optic
RXT	Receiver, FSK Tone
SCF	Splitter/Combiner, Fiber Optic (CWDM)
SPV	Signal Splitter, Video
SSV	Selector Switch, Video (manual)
SWE	Switch, Ethernet
SWV	Switch, Video
TCC	Trunk Cable, Copper
TCF	Trunk Cable, Fiber Optic
TLC	TLC Watch Equipment
TXF	Transmitter, Fiber Optic
TXT	Transmitter, FSK Tone
VCD	Video Capture Device
VCL	Video Control Location
VCP	Video Collection Point
WST	User Work Station

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)  
INDEX OF SHEETS, STANDARDS & NOTES**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-052 I	*	74	2
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				