

GENERAL I.T.S. NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF CABINETS AND FIBER OPTIC CABLE NEAR PUMP STATION NO. 24 PRIOR TO BIDDING THE JOB.
2. THE CONTRACTOR SHALL EXERCISE CARE WITH THE INSTALLATION OF UNDERGROUND EQUIPMENT AS THERE MAY BE EXISTING PRIVATELY OWNED FACILITIES WITHIN THE PROJECT LIMITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ANY UTILITIES IN THE WORK ZONE AND REQUEST UTILITY LOCATES.
3. FIBER OPTIC CABLE SLACK SHALL BE AS FOLLOWS: 100 FEET FOR EACH CABLE (96 AND 12 FIBER) AT HANDHOLES AND COMMUNICATIONS VAULTS WHERE SPLICING IS INDICATED. FIBER OPTIC CABLE SLACK SHALL BE 50 FEET FOR EACH CABLE AT HANDHOLES WHERE NO SPLICING IS INVOLVED.
4. THE ELECTRICAL MAINTENANCE CONTRACTOR (EMC) SHALL BE CONTACTED FOR EXISTING STATE OWNED FACILITIES LOCATES.
5. NO END TO END SPLICES OF THE 96 STRAND FIBER OPTIC CABLE SHALL BE PERMITTED UNLESS APPROVED BY THE RESIDENT ENGINEER. ANY END TO END SPLICES SHALL BE DONE IN A COMMUNICATIONS VAULT. ANY COSTS TO INSTALL ADDITIONAL COMMUNICATIONS VAULTS, SPLICE CLOSURES, AND FIBER SPLICES TO ACCOMMODATE END TO END SPLICING SHALL BE AT NO ADDITIONAL COST TO THE DEPARTMENT.
6. ALL CONDUIT SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE.
7. WHERE ELECTRIC POWER IS INDICATED FROM AN EXISTING CONTROLLER, THE CONTRACTOR SHALL EXPEDITIOUSLY INSTALL THE REQUIRED CIRCUIT BREAKER(S) AND UNDERGROUND WORK. MAINTENANCE OF THE TRAFFIC SIGNAL INSTALLATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY DURING THE MODIFICATION OF THE CONTROLLER.

CONDUIT AND CABLE LEGEND

REMOVAL	EXISTING	PROPOSED	
			CONDUIT AS LABELED ON PLANS
			FIBER OPTIC CABLE AS LABELED ON PLANS
			POWER CABLES AS LABELED ON PLANS
			CONDUIT EMBEDDED IN STRUCTURE
			DYNAMIC MESSAGE SIGN ON STRUCTURE
			CCTV CAMERA
			ELECTRICAL SERVICE INSTALLATION
			ITS CABINET, GROUND MOUNTED
			ITS CABINET, POLE-MOUNTED
			HANDHOLE
			HEAVY DUTY HANDHOLE
			COMMUNICATION VAULT
			JUNCTION BOX, COMPOSITE CONCRETE, EMBEDDED IN STRUCTURE, 20"x18"x10"

COMMUNICATIONS DIAGRAM LEGEND

	SPLICE CLOSURE
	FIBER OPTIC INTERCONNECT CENTER
	DYNAMIC MESSAGE SIGN CONTROLLER
	DIGITAL VIDEO ENCODER
	DYNAMIC MESSAGE SIGN
	CCTV CAMERA
	ETHERNET SWITCH

ABBREVIATIONS

PREFIX	COMPONENT
CSF	CABLE SPLICE, FIBER OPTIC, FUSION
CTD	CCTV CAMERA, DOME
CNTRL	DYNAMIC MESSAGE SIGN CONTROLLER
DCF	DISTRIBUTION CABLE, FIBER OPTIC
DMS	DYNAMIC MESSAGE SIGN
DVE	DIGITAL VIDEO ENCODER
ECC	ELECTRICAL CABLE IN CONDUIT
EMB	CONDUIT EMBEDDED IN STRUCTURE
ETH	ETHERNET CABLE
FOC	FIBER OPTIC CABLE
FOIC	FIBER OPTIC INTERCONNECT CENTER
GSC	GALVANIZED STEEL CONDUIT
HHL	HANDHOLE
IDT	INNERDUCT
LCF	LATERAL CABLE, FIBER OPTIC
SWE	SWITCH, ETHERNET
TCF	TRUNK CABLE, FIBER OPTIC
US12	FIBER OPTIC CABLE DESIGNATOR, MANNHEIM ROAD
S	FIBER OPTIC CABLE DESIGNATOR, SOUTH OF I-190
PS24	FIBER OPTIC CABLE DESIGNATOR, PUMP STATION NO. 24

ITS-01



USER NAME = mkosir	DESIGNED DJJ	REVISED -
	DRAWN BCC	REVISED -
PLOT SCALE = 50:1	CHECKED YJ	REVISED -
PLOT DATE = 08-OCT-2012	DATE 10/19/12	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ITS GENERAL NOTES AND LEGEND

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105 WRS&HB	COOK	605	437
				CONTRACT NO. 60G37
ILLINOIS FED. AID PROJECT				