

ITS LEGEND

- PROPOSED HEAVY-DUTY HANDHOLE (PER TSC DETAIL TY-ITSC-400*15)
- PROPOSED COMMUNICATIONS VAULT
- PROPOSED JUNCTION BOX, STAINLESS STEEL SIZE AND MOUNTING PER PLANS
-  PROPOSED CCTV DOME CAMERA (80 FT. M.H. U.N.O.)
-  PROPOSED CCTV EQUIPMENT CABINET, GROUND MOUNT
-  PROPOSED LIGHTING CONTROLLER
- FO— PROPOSED FIBER OPTIC CABLE IN CONDUIT AS SHOWN ON PLANS
- — — PROPOSED UNIT DUCT AS SHOWN ON PLANS
- - - - - PROPOSED UNDERGROUND CONDUIT AS SHOWN ON PLANS
- - - - - PROPOSED CONDUIT ATTACHED TO STRUCTURE AS SHOWN ON PLANS

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
CAT	CATEGORY
CCTV	CLOSED CIRCUIT TELEVISION
CNC	COILABLE NONMETALLIC CONDUIT
DMS	DYNAMIC MESSAGE SIGN
F	FIBER
FO	FIBER OPTIC
KVA	KILOVOLT AMPERE
M.H.	MOUNTING HEIGHT
PVCC	POLYVINYL CHLORIDE COATED
RGC	RIGID GALVANIZED CONDUIT
U.N.O.	UNLESS NOTED OTHERWISE

ITS SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	0.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2000
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	863
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	1000
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1500
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1500
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	1460
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	12
HEAVY-DUTY HANDHOLE	EACH	52
UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4768
UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO.2 GROUND (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	410
REMOVAL OF LIGHTING CONTROLLER	EACH	5
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2
ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	2000
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4600
CONCRETE FOUNDATION, TYPE D	FOOT	16
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	9
tone EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	19
tone EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	19
tone EQUIPMENT - POWER SUPPLY	EACH	6
tone EQUIPMENT - MOUNTING FRAME	EACH	4
CABINET HOUSING EQUIPMENT, TYPE III	EACH	4
CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	6
CABINET, MODEL 334	EACH	1
FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	39594
ETHERNET SWITCH	EACH	1
CLOSED CIRCUIT TELEVISION CAMERA INSTALLATION	EACH	6
CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	1
CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE FOUNDATION, 30" DIAMETER	FOOT	10
STEP-DOWN TRANSFORMER	EACH	1
ATMS SYSTEM INTEGRATION	L SUM	1
BUDGETARY ALLOWANCE FOR CCTV INTEGRATION	L SUM	1
ELECTRICAL SERVICE DISCONNECT	EACH	2
FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	40378
FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	900
FIBER OPTIC TERMINATION PANEL, 12F OR 24F	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2500
INDUCTION LOOP	FOOT	1250
COMMUNICATIONS VAULT	EACH	2
CCTV CAMERA STRUCTURE, FOUNDATION, 80 FT. MOUNTING HEIGHT	FOOT	85
CCTV CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT	EACH	5
CCTV EQUIPMENT CABINET - GROUND MOUNT	EACH	6
CONCRETE FOUNDATION, SURVEILLANCE CABINET, MODEL 334	EACH	1
DMS REMOVAL AND INSTALLATION	L SUM	1
ELECTRIC CABLE IN CONDUIT, NO. 19, 25 PAIR	FOOT	1500
ELECTRIC CABLE IN CONDUIT, NO. 19, 6C	FOOT	1500
FIBER OPTIC SPLICE - LATERAL	EACH	4
FIBER OPTIC SPLICE - MAINLINE	EACH	5
FIBER OPTIC TRANSCEIVER PAIR	EACH	2
REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT	L SUM	1
T1 CHANNEL BANK	EACH	1

GENERAL NOTES:

- ALL NEW CONDUITS, HANDHOLES, BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE EXPANSION/DEFLECTION COUPLINGS AT BRIDGE EXPANSION JOINTS FOR ALL CONDUITS ATTACHED TO STRUCTURE. THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE CONDUIT ATTACHED TO STRUCTURE.
- ELECTRICAL CONNECTIONS TO LIGHTING CONTROLLERS FOR CCTV POWER, INCLUDING A STEP DOWN TRANSFORMER AND CIRCUIT BREAKER, ARE INCLUDED IN THE COST OF THE ITEM "CLOSED CIRCUIT TELEVISION CAMERA INSTALLATION."
- UNDERGROUND 1 1/4" CNC SHOWN ON THE PROPOSED ITS PLANS WILL BE PAID FOR AS "FIBER OPTIC INNERDUCT 1 1/4" DIA."

FILE NAME :	USER NAME = rswanson	DESIGNED - RT	REVISED -
		DRAWN - PS	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 4/29/2013	DATE - 3/29/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS GENERAL NOTES, LEGEND, AND SCHEDULE OF QUANTITIES
STONY ISLAND EXTENSION**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	328
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	

ITS-01

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