


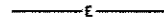
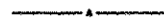





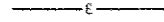
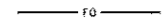







LEGEND

-  CCTV (PROPOSED)
-  RTMS (PROPOSED)
-  HANDHOLE (PROPOSED)
-  ELECTRIC LINE (UNDERGROUND) (PROPOSED)
-  ELECTRIC LINE (AERIAL) (PROPOSED)
-  ELECTRICAL SERVICE POLE (PROPOSED)
-  ELECTRICAL POWER POLE (PROPOSED)
-  ELECTRICAL SERVICE PEDESTAL (PROPOSED)
-  CCTV OR RTMS (EXISTING)
-  HANDHOLE (EXISTING)
-  ELECTRIC LINE (UNDERGROUND) (EXISTING)
-  FIBER OPTIC LINE (EXISTING)
-  ELECTRICAL POWER POLE (EXISTING)
-  ELECTRICAL SERVICE PEDESTAL (EXISTING)
-  TEMPORARY WOOD POLE
-  TEMPORARY LIGHTING UNIT
-  ELECTRICAL SERVICE POLE (EXISTING)

CODE NO	ITEM	UNIT	TOTAL QUANTITY
JS804100	ELECTRIC SERVICE INSTALLATION	EACH	2
	UNDERGROUND CONDUIT, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	18
	UNDERGROUND CONDUIT, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	43
JS810824	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	81
JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	96
JS814001	HANDHOLE, TOLLWAY	EACH	9
JS816033	UNIT DUCT, WITH 2-1/C NO. 6 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	4,087
JS830030	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	5
JS830033	TEMPORARY WOOD POLE, 70 FT., CLASS 3	EACH	1
JS836011	REMOVE/RELOCATE RTMS POLE FOUNDATION (ROADWAY) STEEL HELIX (12 FT.)	EACH	5
JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2
JT132603	POLE MOUNTED CAMERA ASSEMBLY WITH FOC AND WITHOUT WIRELESS	EACH	4
JT135002	AC POWERED RTMS ASSEMBLY	EACH	1
JT135024	CCTV CAMERA SITE MODIFICATION	EACH	2
JT135046	TRAILER MOUNTED PORTABLE CCTV CAMERA ASSEMBLY	EACH	1
JT135051	POLE MOUNTED RTMS ASSEMBLY	EACH	1
JT135052	REMOVE/RELOCATE POLE MOUNTED RTMS ASSEMBLY	EACH	3
JT135053	REMOVE/RELOCATE POLE MOUNTED CAMERA ASSEMBLY	EACH	3
JT135061	REAIMING RTMS UNITS	L SUM	1
JT836012	CAMERA POLE FOUNDATION STEEL HELIX (10 FT.)	EACH	2
JT836013	REMOVE AND RELOCATE RTMS POLE	EACH	5
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	96
81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1,452
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,975
89502380	REMOVE EXISTING HANDHOLE	EACH	6

NOTES

1. COORDINATE INSTALLATION OF ITS COMPONENTS WITH LIGHTING, TRAFFIC SIGNAL, AND BRIDGE WORK.
2. THE CONTRACTOR SHALL COORDINATE WITH COMED AND ARRANGE FOR EACH ELECTRIC SERVICE INSTALLATION.
3. REFER TO THE LIGHTING PLANS FOR ISTHA STANDARDS H1-01 AND H4-01 FOR HANDHOLE, TRENCHING, AND HELIX FOUNDATION DETAILS.
4. TRAFFIC SENSORS: A MINIMUM OF SEVEN DAYS PRIOR TO ANY SHIFTS IN TRAFFIC LANES, THE CONTRACTOR SHALL CONTACT TRAFFIC.COM AT (610)407-7400. THE CONTRACTOR SHALL SUPPLY TRAFFIC.COM WITH THE REVISED TRAFFIC PATTERN AND THE DATE FOR THE SHIFT IN TRAFFIC LANES. TRAFFIC.COM IS RESPONSIBLE FOR THE TRAFFIC SENSORS ALONG THE CORRIDOR TO ACCURATELY MONITOR TRAFFIC FLOW.
5. PRIOR TO THE INSTALLATION OF NEW CABLE DUCT, CONDUITS, JUNCTION BOXES, LIGHT STANDARD FOUNDATIONS AND APPURTENANCES THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLES, AND UNDERGROUND UTILITIES.
6. ALL NEW CABLE DUCT, CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
7. ELECTRICAL MATERIALS SHALL BE NEW AND OF THE TYPES AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS: NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATIONS, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, ILLUMINATING ENGINEERING SOCIETY, AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, U.S. DEPARTMENT OF TRANSPORTATION, UNDERWRITERS LABORATORIES, AMERICAN NATIONAL STANDARDS INSTITUTE, INSULATED CABLE ENGINEERS ASSOCIATION.

BOWMAN, BARRETT & ASSOCIATES INC.
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FILE NAME - #FILES*	USER NAME - default	DESIGNED - JMG	REVISED 1/17/2012 - JMG	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS SCHEDULE	F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 414	
		DRAWN - JMG	REVISED -			CONTRACT NO. 60L77					
		CHECKED - RGR	REVISED -			ILLINOIS FED. AID PROJECT					
		DATE - 6/19/2012	REVISED -			SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. NA TO STA. NA					