

F.A.I. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	D-6 ITS #2	SANGAMON	30	4
STA. TO STA.				
EXISTING CONDITIONS				

GENERAL NOTES

- 1 CCTV ARE LOCATION SENSITIVE. PROPOSED EQUIPMENT LOCATIONS ARE APPROXIMATE. TO ENSURE THE OPTIMUM FIELD OF VIEW, ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR, PER THE MANUFACTURER REPRESENTATIVES RECOMMENDATIONS AND THE ENGINEERS APPROVAL.
- 2 PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM.
- 3 ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
- 4 U-BOLTS SHALL BE PRODUCED FROM ASTM A276, TYPE 304, 304L, 316, CONDITION A, COLD FINISH, OR AN EQUIVALENT MATERIAL ACCEPTABLE TO THE ENGINEER. ALL NUTS SHALL BE STAINLESS STEEL CONFORMING TO ASTM A194, GRADE 8 (AISI TYPE 304) OR GRADE 8F (AISI TYPE 303). THE NUTS SHALL BE LOCKNUTS WITH NYLON OR STEEL INSERTS AND SEMI FINISHED HEXAGONAL HEADS EQUIVALENT TO THE FINISHED HEX SERIES OF THE AMERICAN NATIONAL STANDARD. ALL WASHERS SHALL BE STAINLESS STEEL CONFORMING TO ASTM 240, TYPE 302 OR 304.
- 5 ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS. ALL CCTV MOUNTING METHODS AND MOUNTING MATERIAL SHALL BE PRE-APPROVED BY THE ENGINEER.
- 6 UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH & BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 815.03 (c) & 1066.05 OF THE STANDARD SPECIFICATIONS.
- 7 A 1/4" DIA. NYLON ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS. THE COST OF PULL ROPE SHALL BE INCLUDED IN THE PROPOSED ELECTRIC CABLE INSTALLATION IN THAT CONDUIT.
- 8 THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAMS, DECK, OR SUBSTRUCTURE OF THE BRIDGE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 9 ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE 3/4" DIAMETER X 12'-0" LONG.
- 10 THE LOCATION OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- 11 ALL UTILITIES SHALL BE LOCATED IN FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS CCTV CAMERA SYSTEM. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96-HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT THE UTILITY COMPANIES CAN BE NOTIFIED.
- 12 COORDINATION WITH THE DEPARTMENTS BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION FACILITIES. PH# (217)558-6523 OR (217)524-9161.
- 13 THE AREAS THAT ARE DISTURBED DUE TO THE DIGGING OR TRENCHING SHALL BE COMPLETED ON A WEEKLY BASIS USING SEEDING, CLASS 2 AND MULCH METHOD 1 AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 251 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO EMULSIFIED ASPHALT SHALL BE USED. THE COST SHALL BE INCIDENTAL TO THE CONTRACT.
- 14 THE CONTRACTOR MUST COORDINATE AND COOPERATE WITH THE DEPARTMENT AND THE INVOLVED PARTIES AS DIRECTED BY THE DEPARTMENT
- 15 EXISTING CONDUIT AND PULL POINT LOCATIONS TAKEN FROM HISTORICAL DATA. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT SIZES AND LOCATIONS PRIOR TO INSTALLING PROPOSED FIBER OPTIC CABLE WITHIN EXISTING CONDUIT.
- 16 BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT EXCEED SIX (6) INCHES.
- 17 EXACT FIELD LOCATIONS OF ITS EQUIPMENT SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE CARE NOT TO INSTALL ITS EQUIPMENT IN DRAINAGE AREAS.
- 18 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, CONSTRUCTION METHODOLOGIES, PRODUCT MANUFACTURER SPECIFICATIONS, OWNERS MANUALS, AND USER MANUALS BEFORE PROCURING AND INSTALLING ANY ITS EQUIPMENT AS PART OF THIS CONTRACT. ALL PROPOSED ITS WORK SHALL BE REVIEWED AND APPROVED BY THE DEPARTMENT.
- 19 THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TRAFFIC CONTROL FOR THE INSTALLATION OF ITS RELATED EQUIPMENT WITH OTHER CONTRACTS AND WORK IN THE AREA.

LEGEND

- ALUM ALUMINUM
- EP EDGE OF PAVEMENT
- TW SH TWISTED SHIELDED
- PWR CBL POWER CABLE
- F.O. FIBER OPTIC
- J.B. JUNCTION BOX
- GSC GALVANIZED STEEL CONDUIT
- PVCC POLYVINYL CHLORIDE CONDUIT
- ☐ EXISTING HANDHOLE
- ☐ EXISTING DOUBLE HANDHOLE
- ☒ EXISTING CONTROLLER
- ☐ EXISTING SERVICE INSTALLATION
- EXISTING GALVANIZED STEEL CONDUIT
- ☐ EXISTING JUNCTION BOX
- ☐ EXISTING SIGN TRUSS
- EXISTING HIGHWAY LIGHTING UNIT
- EXISTING UNDERGROUND LIGHTING CABLES
- ☐ PROPOSED HANDHOLE
- ☐ PROPOSED DOUBLE HANDHOLE
- ☒ PROPOSED CONTROLLER
- //— PROPOSED CONDUIT; "T" TRENCH, "P" PUSH, "ATS" ATTACHED TO STRUCTURE, SIZE SPECIFIED
- ☐ PROPOSED SERVICE INSTALLATION
- ☐ PROPOSED CCTV CAMERA
- ☐ PROPOSED JUNCTION BOX, SIZE SPECIFIED
- PROPOSED WOOD POLE, SIZE SPECIFIED
- PROPOSED LIGHT POLE, SIZE SPECIFIED

PLAN	DATE
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NO.	
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & LEGEND

F.A.I. 72 (1-72)
SECTION D-6 ITS #2
SANGAMON COUNTY

DRAWN BY: