PROPOSED VIDEO DETECTION CAMERA

PROPOSED HIGHWAY ADVISORY RADIO

PROPOSED RADAR VEHICLE DETECTOR

- 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 ENGINEER'S APPROVAL. MR. BRIAN SNEED OF BUREAU OF OPERATIONS SHALL BE CONTACTED FOR ACTUAL CAMERA LOCATION VERIFICATION.
- 2. ALL MATERIALS SUPPLIED SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATIONS FOR CONTROL OF MATERIALS.
- 3. THE CONTROLLER CABINETS AND JUNCTION BOXES SHALL BE UNPAINTED ALUMINUM SHEET METAL UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 4. UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 815.03 AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- 5. 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 AND OR FIBER OPTIC IN THAT CONDUIT.
- 6. THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAMS, DECK, OR SUBSTRUCTURE OF THE BRIDGE. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 7. ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH ARTICLE 1087.01 EXCEPT THAT THEY SHALL BE 3/4 " DIAMETER X 12'-0" LONG. ALL CONNECTIONS TO GROUND RODS SHALL BE MADE VIA EXOTHERMIC WELD, COMPRESSION CLAMPS WILL NOT BE ALLOWED.
- 8. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- 9. BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT EXCEED SIX (6) INCHES.
- 10. NO OVERNIGHT LANE CLOSURES SHALL BE PERMITTED ON THIS PROJECT.
- 11. ALL HANDHOLES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE (PER ARTICLE 1088.10 THE LEGEND ON THE COVER SHALL BE "ITS". SLOPE HANDHOLE TO MATCH FINAL GRADE ELEVATION.
- 12. ALL UTILITIES AND DRAINAGE STRUCTURES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS CCTV CAMERA SYTEMS AND VEHICLE DETECTION SYSTEMS. THE COST FOR LOCATING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRENCH AND BACKFILL FOR ELECTRICAL WORK (SEE PIPE UNDERDRAIN SCHEDULE).
- 13. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - * AMEREN IP (GAS AND ELECTRIC)
 - * AT & T CORPORATION (COMMUNICATIONS)
 - * AT & T ILLINOIS (COMMUNICATIONS)
 - * CHARTER COMMUNICATIONS, INC. (CABLE TV)
 - * CITY OF COLLINSVILLE (WATER AND SANITARY SEWER)
 - * VILLAGE OF CASEYVILLE (WATER AND SANITARY SEWER)
 - * ILLINOIS AMERICAN WATER CO. (WATER)
 - * LIGHT CORE (COMMUNICATIONS)
 - * MCLEOD USA TELECOMMUNICATIONS, INC. (COMMUNICATIONS)
 - * MEDIACOM (CABLE TV)
 - * MOUND PUBLIC WATER AND SEWER DISTRICT (WATER)
 - * SOUTHWESTERN ELECTRIC COOPERATIVE, INC. (COMMUNICATIONS)
 - * QWEST COMMUNICATIONS (COMMUNICATIONS)

(MEMBER OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY """. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

- 14. A 9-1-1 ADDRESS MUST BE OBTAINED FROM THE ST. CLAIR COUNTY 9-1-1 COORDINATOR PRIOR TO OBTAINING ELECTRIC/ TELEPHONE SERVICE AT THE PROJECT LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER/TECHNICIAN A MINIMUM OF SIX WEEKS IN ADVANCE OF THE ANTICIPATED DATE THAT ELECTRIC/TELEPHONE SERVICE WILL BE REQUIRED IN ORDER THAT THE NECESSARY ADDRESS CAN BE OBTAINED. IF THERE ARE ANY QUESTIONS REGARDING THE ABOVE, CONTACT THE 9-1-1 COORDINATOR AT 618-692-6200, EXT. 5911 FOR MADISON COUNTY AND 618-277-7316 EXT. 104 FOR ST. CLAIR COUNTY
- 15. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO SECTION 107. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC OF THE STANDARD SPECIFICATIONS. IN PARTICULAR 107.01 LAWS TO BE OBSERVED AND 107.04 PERMITS AN LICENSES.
- 16. ALL FIBER BACKBONE CONDUIT SHALL BE PLACED A MINIMUM OF 5' FROM EDGE OF PAVEMENT OR AS INDICATED ON THE PLAN SHEETS OR PER FIELD ENGINEER'S RECOMMENDATION.
- 17. THE CONTRACTOR SHALL BE AWARE THAT DURING EARTH WORK NECESSARY TO PERFORM INSTALLATION, SIZABLE CONCRETE DEBRIS MAY BE ENCOUNTERED AND WILL NEED TO BE BROKEN IN PLACE AND SPREAD. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE INSTALLATION OF THAT PARTICULAR EQUIPMENT. REFER TO ARTICLE 202.03 OF THE STANDARD SPECIFICATION FOR CONCRETE BREAKAGE AND REBAR REMOVAL.
- 18. FIELD MEASUREMENTS ARE REQUIRED TO VERIFY DIMENSIONS OF EXISTING STRUCTURES PRIOR TO ORDERING MOUNTING
- 19. FIBER OPTIC CABLE PULL TENSION WILL BE LIMITED BY PROVIDING JUNCTION BOXES OR HANDHOLES AT INTERVALS NO GREATER THAN 750 FEET.

ROUTE	SECTION		COUNTY		SHEETS	SHEE NO.
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CONTRACT* 76A19 DIST 8 ITS 2007-2. 2R

MADISON & ST. CLAIR

PIPE UNDERDRAIN SCHEDULE (FOR INFORMATION, ONLY)

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LOCATION & STATION	PIPE UNDERDRAIN		CONCRETE HEADWALLS FOR	SHLDR. INLET	MEDIAN INLET	MEDIAN DITCH CHECK						
	FOOT		PIPE DRAINS	54011 54011								
I-255	MEDIAN	RIGHT	EACH	EACH	EACH	EACH						
1147+00				1 1								
1155+00	21 21	10	2 2									
1160+00	21	10	2									
1165+00	21	10	2									
1200+00					11	1						
1210+00					1	1						
1220+00					1	1						
1225+00					1							
1237+00					1							
1249+00	19	3	2									
1253+00	18		1									
1258+00	19		1									
1262+00	19	26	2									
1267+50	. 3	16	2									
1273+00	18	18	2									
1278+00	18	18	2 2 2 2 2 2									
1283+00	17	5	2									
1288+00	19	19	2									
1296+50	21	21	2									
RAMP 2	LEFT	RIGHT										
210+00	17		2									
219+00	4											
223+00	4											
TOTALS			26	11	5	3						

REVISIONS ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL NOTES, LEGEND, & SPECIFICATIONS

> FAI 55/70 SECTION DIST 8 ITS 2006-2 MADISON AND ST. CLAIR COUNTY AND ST. LOUIS, MO

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