

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**MISSISSIPPI RIVER INCIDENT MANAGEMENT,
FREIGHT MOVEMENT AND SECURITY PROJECT
FEDERAL AID PROJECT NO. ITS-9999-09(029)
WASHINGTON AND COAHOMA COUNTIES, MISSISSIPPI
CHICOT AND PHILLIPS COUNTIES, ARKANSAS**

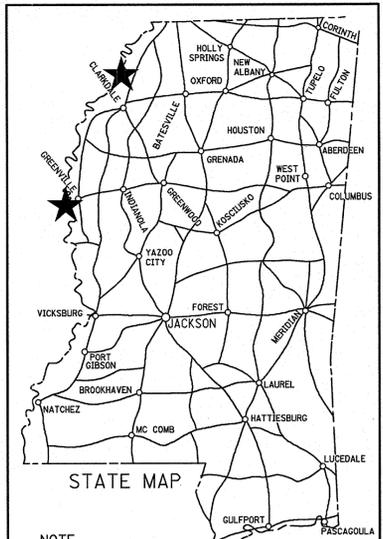
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ITS-9999-09(029)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input checked="" type="checkbox"/> PERMANENT SIGNS	1001
<input type="checkbox"/> TRAFFIC SIGNALS	2001
<input checked="" type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS	7001
<input type="checkbox"/> BRIDGE	8001
<input type="checkbox"/> CROSS SECTIONS	9001

PLAN 1 IN. = 100 FT.
LAYOUT 1 IN. = 6,000 FT.

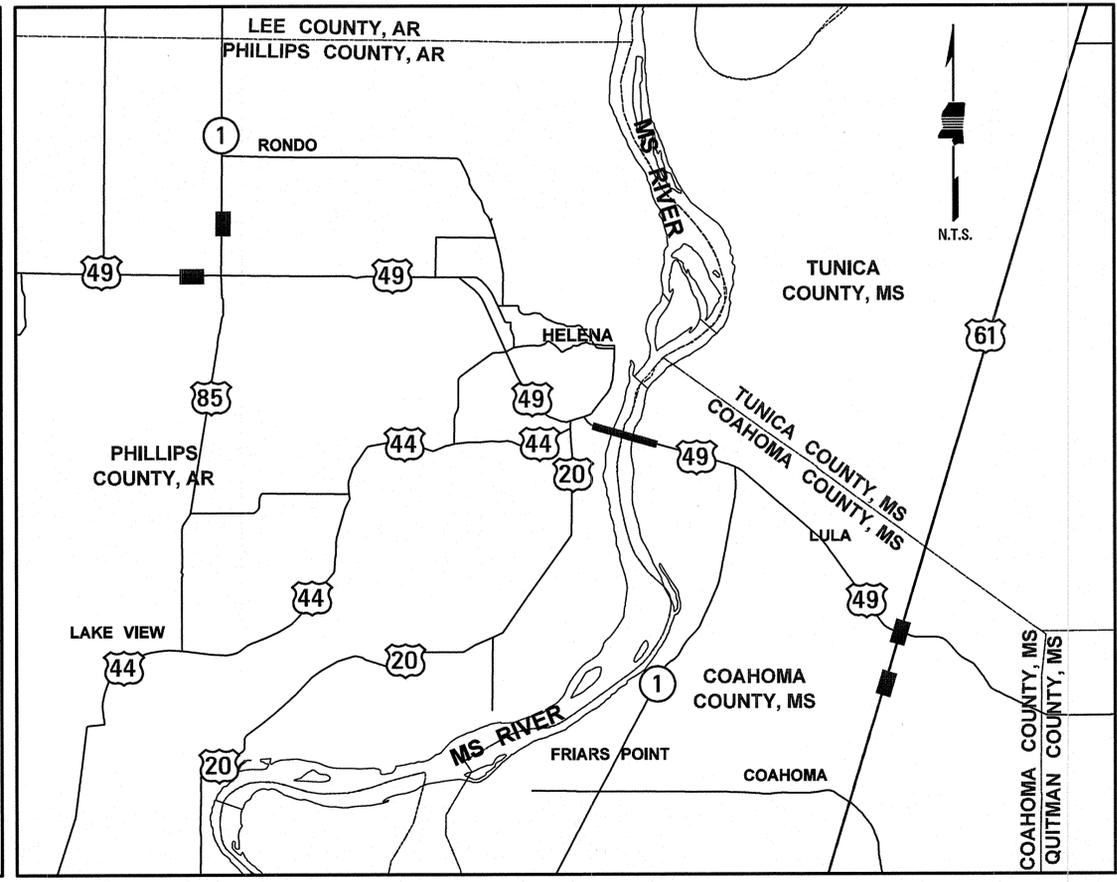
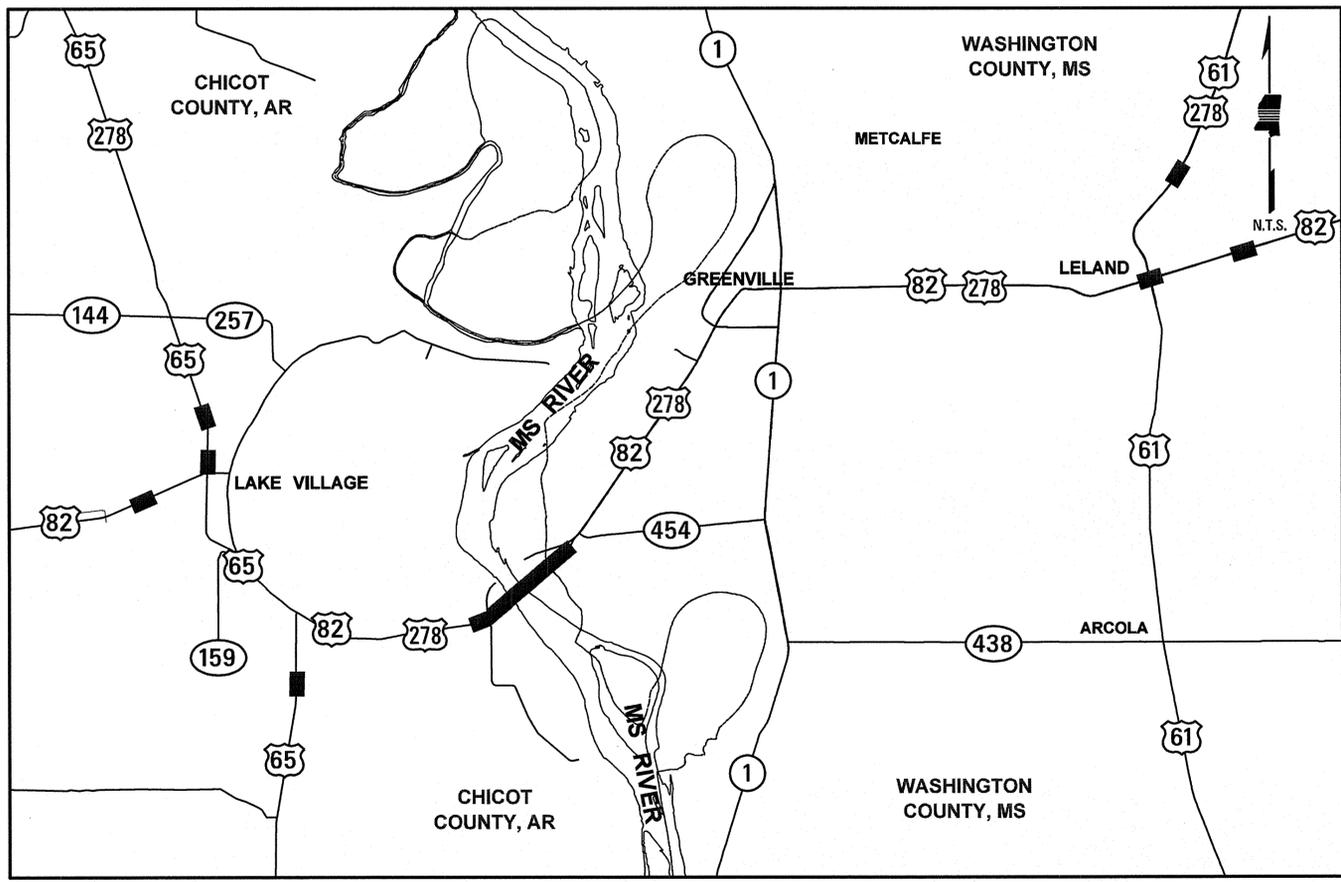
WASHINGTON CO. FMS CONST. 106397 /303000
COAHOMA CO. FMS CONST. 106397 /304000



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

GREENVILLE, MS / LAKE VILLAGE, AR
LAT. 33°17'13.09"N LONG. 91°09'15.61"W
(APPROX. MIDDLE OF PROJECT)

LULA, MS / HELENA, AR
LAT. 34°29'47.54"N LONG. 90°35'14.89"W
(APPROX. MIDDLE OF PROJECT)



PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT

Y REQUIRED, SCNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)

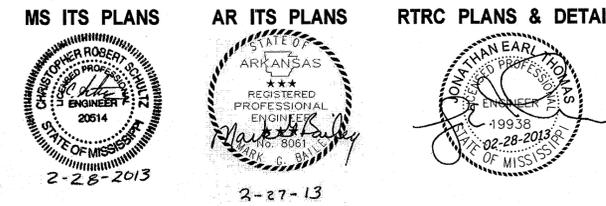
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *[Signature]* DATE: 2/12/13

LEGEND
■ PROJECT AREAS

MS ITS PLANS
AR ITS PLANS
RTRC PLANS & DETAILS



APPROVED:	<i>[Signature]</i>	3/12/13
CHIEF ENGINEER		DATE
APPROVED:	<i>[Signature]</i>	03.12.13
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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ITS PLAN - US HIGHWAY 82 - STA. 232+50 TO STA. 265+50 - DMS SITE #1	ITS-1	3001
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ITS PLAN - US HIGHWAY 61 - STA. 1282+50 TO STA. 1315+50 - DMS SITE #2 (ADD OPTION 1)	ITS-3	3003
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ITS PLAN - US HIGHWAY 82 - STA. 364+50 TO STA. 394+00 - BRIDGE APPROACH (AR)	ITS-9	3009
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DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STATE PROJECT NO.

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ITS DETAILS - MS RIVER BRIDGE - US HIGHWAY 82 - PIER 37	ITSD-2	3028	
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ITS DETAILS - MS RIVER BRIDGE - US HIGHWAY 82 - PIER 38	ITSD-4	3030	
ITS DETAILS - MS RIVER BRIDGE - US HIGHWAY 82 - PIER 38	ITSD-5	3031	
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DMS DETAILS - NORTHBOUND US HWY 65 - DMS SITE #3 (ADD OPTION 2)	DMS-3	3037	
DMS DETAILS - EASTBOUND US HWY 82 - DMS SITE #4 (ADD OPTION 3)	DMS-4	3038	
DMS DETAILS - SOUTHBOUND US HWY 65 - DMS SITE #5	DMS-5	3039	
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HAR DETAILS - HAR SIGN AND FLASHING BEACON DETAILS	HAR-4	3046	
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(4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-2	6251
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(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-5	6254
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TOTAL SHEETS 120



PS & E PLANS - DATE 02/28/13		
FMS CON. # 106397/303000 & 304000		
REVISIONS		
DATE	SHEET NO.	BY
3/08/13	6, 11, 12, 3004-3007, 3019-3022, 3037-3039, 3041, 3042	CRH

MS ITS PLANS



AR ITS PLANS



RTRC PLANS & DETAILS



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. ITS-9999-09(029)	
COUNTY: WASHINGTON & COAHOMA, MS	
CHICOT & PHILLIPS, AR	
WORKING NUMBER	DI-1
SHEET NUMBER	2
FILENAME: DI-1.DGN	
DESIGN TEAM	NS
CHECKED	
DATE	

3/8/2013 1:41:35:30 DI-1.DGN

GENERAL SCOPE OF WORK

THIS PROJECT INVOLVES WORK ON THE MISSISSIPPI RIVER BRIDGES THAT BORDER MISSISSIPPI AND ARKANSAS (GREENVILLE AND HELENA). SPECIFIC ELEMENTS TO BE IMPLEMENTED AT EACH LOCATION INCLUDE CCTV CAMERAS BOTH ABOVE AND BELOW THE BRIDGES, VEHICLE DETECTION SYSTEMS (RDS), DYNAMIC MESSAGE SIGNS (DMS), ROAD WEATHER INFORMATION SYSTEMS (RWIS), HIGHWAY ADVISORY RADIO (HAR) SYSTEMS, AND COMMUNICATION SYSTEMS TO TRANSMIT ALL DATA AND VIDEO TO THE MDOT STATEWIDE TRAFFIC MANAGEMENT CENTER IN JACKSON, MISSISSIPPI. THE REAL-TIME RIVER CURRENT (RTRC) DATA SENSORS WILL TRANSMIT ALL DATA VIA MARITIME WIRELESS.

THERE IS A SECOND SIMILAR PROJECT THAT COVERS THE MISSISSIPPI RIVER BRIDGES THAT BORDER MISSISSIPPI AND LOUISIANA (NATCHEZ AND VICKSBURG).

BOTH PROJECTS ARE TO BE FUNDED BY THE SAME GRANT SOURCE AND HAVE A MAXIMUM LIMIT ON COSTS. FOR THIS REASON BOTH PROJECTS CONTAIN A BASE BID ALONG WITH ADD OPTIONS TO ENSURE THE COSTS WILL NOT EXCEED THE BUDGET. BIDDERS ARE REQUIRED TO BID ON ALL ADD OPTIONS. MDOT HAS THE SOLE DISCRETION TO SELECT WHICH, IF ANY, ADD OPTIONS WILL BE ADDED TO THE CONTRACT. BOTH PROJECTS WILL BE BID WITH A CONTRACT TIME NO EXCUSE COMPLETION DATE FOR THE ENTIRE COMPLETION OF WORK INCLUDING THE BASE BID AND ANY SELECTED ADD OPTIONS. REFER TO THE NOTICE TO BIDDERS SECTION OF THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.

THIS PROJECT HAS A BASE BID SECTION FOR INSTALLING THE SPECIFIC ELEMENTS LISTED IN THE GRANT APPLICATION AND FOUR (4) SEPARATE ADD OPTION SECTIONS FOR INSTALLING SMALLER DMS TYPE 3 SIGNS IN FOUR (4) VARIOUS LOCATIONS IN ADVANCE OF THE BRIDGES. THESE ADD OPTIONS ARE SHOWN ON PLANS AS DMS SITES # 2, 3, 4 AND 8.

GENERAL NOTES

1. EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIS OWN INDEPENDENT INVESTIGATIONS, INCLUDING SUB-SURFACE INVESTIGATIONS AS MAY BE NECESSARY TO LOCATE UTILITIES WITHIN THE PROJECT LIMITS. IN ADDITION, THE CONTRACTOR SHALL NOTIFY MDOT DISTRICT THREE MAINTENANCE PERSONNEL AT LEAST TWO WEEKS IN ADVANCE OF WORK WITHIN EACH AREA, SO THAT MDOT UTILITIES CAN BE FIELD LOCATED.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
3. CLEARING AND GRUBBING, WHERE REQUIRED BY THE ENGINEER TO COMPLETE THE CONDUIT, GUARDRAIL, AND EQUIPMENT INSTALLATIONS SHOWN ON THESE PLANS, WILL BE PERFORMED IN ACCORDANCE WITH SECTION 201 OF THE MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION. CLEARING AND GRUBBING SHALL BE COST ABSORBED INTO OTHER ITEMS OF WORK.
4. PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH STOCKPILED TOPSOIL. THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE COST ABSORBED (NOT A SEPARATE PAY ITEM).
5. EQUIPMENT AND GUARD RAIL SHOWN ON THESE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT AND GUARD RAIL SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH PROPOSED LOCATIONS APPROVED BY MDOT TO VERIFY PROPER PLACEMENT AND BEST SIGHT DISTANCE FOR DYNAMIC MESSAGE SIGNS, ADEQUATE ROADSIDE PROTECTION, ETC. THE CONTRACTOR SHALL STAKE EACH PROPOSED LOCATION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO REVIEW BY MDOT. THE COST OF FIELD STAKING WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND SHALL BE ABSORBED UNDER OTHER ITEMS OF WORK. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PULLBOXES, AND CONDUIT WITHIN PUBLIC RIGHT-OF-WAY.
6. THE CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH MDOT IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICES. IF ELECTRICAL SERVICE REQUIRES A SERVICE METER TO BE INSTALLED, CONTRACTOR TO CONTACT THE ELECTRIC UTILITY OWNER. ANY INSTALLATIONS OF AERIAL POWER CIRCUITS, POWER PANELS OR WOOD POLES TO PROVIDE POWER SERVICE SHALL MEET LOCAL EPA REQUIREMENTS AND BE COST ABSORBED. CONTRACTOR SHALL PAY ALL UTILITY CONNECTION CHARGES AND CHARGES FOR SERVICE UNTIL FINAL PROJECT ACCEPTANCE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COST INCURRED TO PROVIDE POWER AND COMMUNICATION SERVICES TO THE EQUIPMENT, NOT A SEPARATE PAY ITEM (COST ABSORBED IN MOBILIZATION PAY ITEM 620-A001). THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING AN INDEPENDENT INVESTIGATION INTO UTILITY MAKE-READY COST FOR BIDDING PURPOSES.
8. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER, MDOT, AHTD, AND AT&T TO SECURE BACKHAUL COMMUNICATION AS CALLED FOR IN THE PLANS. THE COORDINATION EFFORTS WILL INVOLVE MDOT & AHTD PROCUREMENT OF COUNTY 911 ADDRESSES FOR THE SERVICE LOCATIONS. SERVICE WILL BE SECURED IN THE NAME OF MDOT OR AHTD RESPECTIVE OF WHICH STATE THE AT&T BACKHAUL SITE IS LOCATED.
9. PAYMENT FOR FIBER OPTIC CABLE, POWER CABLE, COMMUNICATION CABLE, AND CONDUIT SHALL BE MEASURED BASED ON HORIZONTAL MEASUREMENTS, NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY VERTICAL RUNS OR SLACK IN PULLBOXES.
10. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
11. COMMUNICATION PULLBOXES SHALL BE EITHER TYPE 4 OR TYPE 5 AS NOTED ON THE PLANS.
12. CONDUIT FOR POWER SUPPLY MAY BE RUN IN THE SAME TRENCH LINE AS COMMUNICATION LINES (SEE WKG. NO. FO-1), HOWEVER, SEPARATE ELECTRICAL PULLBOXES ARE TO BE INSTALLED. CONTRACTOR TO REVIEW PLANS BEFORE INSTALLING PULLBOXES AND FOUNDATIONS TO ASSURE ALL REQUIRED PULLBOXES AND CONDUITS ARE INSTALLED.
13. CONDUIT TO BE SEALED WITH DUCT SEALER ONCE CABLE IS INSTALLED, NOT A SEPARATE PAY ITEM (COST ABSORBED).
14. UNDERGROUND DRILLED OR JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF FIVE FEET AND UNDERGROUND TRENCHED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF THREE FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
15. ANY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR (INCLUDING SITE GRADING) AS DIRECTED BY THE ENGINEER. ALL REMOVAL AND REPLACEMENT OF SIDEWALKS, ASPHALT, CONCRETE, SOD, GRASSING, AND SOIL SHALL BE ABSORBED UNDER THE PAY ITEMS FOR THE CONDUIT.

GENERAL NOTES (CONT'D.)

16. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION. THE COST SHALL BE ABSORBED IN THE PAY ITEM FOR MAINTENANCE OF TRAFFIC (NOT A SEPARATE PAY ITEM).
17. ALL SIGNS AND TRAFFIC CONTROL DEVICES USED ON THIS PROJECT SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).
18. THE CHANGEABLE MESSAGE SIGNS (CMS) AND FLASHING ARROW PANELS INCLUDED FOR PAYMENT IN THIS PROJECT SHALL BE PAID FOR AS OUTLINED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL PROVIDE AND BE PAID FOR TWO (2) OF EACH IN THE AREA OF EACH BRIDGE LOCATION DURING CONSTRUCTION. THESE SIGNS AND ARROW PANELS SHALL BE USED FOR BOTH CONSTRUCTION OF THE BASE BID ITEMS AS WELL AS ANY ADD OPTIONS. IF THE CONTRACTOR ELECTS TO HAVE MULTIPLE CREWS ON-SITE WHICH REQUIRE ADDITIONAL SIGNS AND/OR ARROW PANELS, THE COST OF ADDITIONAL ITEMS SHALL BE ABSORBED UNDER THE PAY ITEM FOR MAINTENANCE OF TRAFFIC. NO EXTRA PAYMENT FOR ADDITIONAL CHANGEABLE MESSAGE SIGNS OR FLASHING ARROW PANELS WILL BE ALLOWED.
19. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SHOULDER MATERIALS WHICH MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDERS WILL BE PERFORMED IN ACCORDANCE WITH SECTION 410 OF THE MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2004 EDITION). NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDERS.
20. FOR CONDUIT BANKS, ONE OR MORE (AS INDICATED ON THE PLANS) OF THE CONDUITS WILL BE FOR FUTURE USE AND SHALL INCLUDE A PULL STRING.
21. CONTRACTOR SHALL FIELD VERIFY CAMERA SITE LOCATION AND ORIENTATION FOR COMPLETE COVERAGE OF ROADWAY/RIVER CHANNEL PRIOR TO INSTALLING CAMERAS. LOCATIONS AND ORIENTATIONS TO BE APPROVED BY THE PROJECT ENGINEER.
22. CONTRACTOR SHALL FIELD LOCATE HAR BEACON SIGNS BASED ON HAR MANUFACTURER RECOMMENDATIONS ONCE RADIO HAS BEEN INSTALLED AND LIMITS OF RANGE HAVE BEEN ESTABLISHED.
23. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEMS THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT PERSONS WORKING NEAR THE EXCAVATION IN ACCORDANCE WITH OSHA REGULATIONS. ALL COST FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.
24. THE COST OF DISPOSING OF ALL UNUSED OR REMOVED MATERIALS SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.
25. ANOTHER CONTRACT TO PERFORM WORK ON THE US HIGHWAY 82 BRIDGE AT GREENVILLE WILL RUN CONCURRENT WITH THIS PROJECT. CONTRACTOR WILL BE EXPECTED TO COOPERATE AND COORDINATE WITH OTHER CONTRACTOR(S) AND MDOT IN EVERY REASONABLE MANNER. SEE SECTION 105.07 OF THE MDOT STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION.
26. ALL ITS COMPONENTS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SUPPORTS, ATTACHMENTS AND FOUNDATIONS SHALL BE DESIGNED BY THE CONTRACTOR ACCORDING TO STANDARD SPECIFICATIONS / SPECIAL PROVISIONS / PLAN DRAWINGS AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSISSIPPI. THE CONTRACTOR SHALL SUBMIT FOUR (4) SETS OF LAYOUT/SHOP DRAWINGS FOR ALL ITS COMPONENTS (INCLUDING THE PLAN OF ATTACHMENT) TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL. THE GREENVILLE BRIDGE IS MAINTAINED BY MISSISSIPPI WHILE THE HELENA BRIDGE IS MAINTAINED BY ARKANSAS.
27. CONTRACTOR HAS THE OPTION TO USE BULLET RESISTANT FIBERGLASS CONDUIT IN LIEU OF RGS CONDUIT SHOWN ON PLANS. (PAID FOR UNDER RGS CONDUIT WITH NO ADDITIONAL COSTS).
28. ALL BASELINES SHOWN ON THE PLANS ARE FOR GRAPHICAL REFERENCE PURPOSES ONLY AND ARE NOT STAKED IN THE FIELD.
29. CONTRACTOR IS ADVISED THAT ACCESS UNDERNEATH THE GREENVILLE BRIDGE IS LIMITED WHICH WILL REQUIRE THE USE OF A SNOOPER TRUCK OR SIMILAR DEVICE TO INSTALL CONDUIT AND CABLE UNDER THE BRIDGE. MDOT DOES NOT HAVE ACCESSIBLE ROUTES TO THE LAND AREA UNDER THE BRIDGE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ACCESS/EASEMENTS FROM ADJACENT LAND OWNERS IF WORKING FROM THE GROUND IS ANTICIPATED.
30. FOR INSTALLATION OF THE REAL-TIME RIVER CURRENT SYSTEM AT EACH BRIDGE LOCATION, THE CONTRACTOR SHALL SUBMIT A PLAN OF RIVER CONSTRUCTION ACTIVITIES TO THE PROJECT ENGINEER. THE CONTRACTOR WILL NOT BE GRANTED ACCESS TO THE BRIDGE FROM THE RIVER UNTIL THIS SUBMITTAL HAS BEEN REVIEWED AND APPROVED.
31. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF REQUIRING LANE CLOSURES AND OTHER FORMS OF SIGNIFICANT TRAFFIC CONTROL MEASURES.
32. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE UNITED STATES DURING CONSTRUCTION.
33. FIELD LOCATION ADJUSTMENTS MAY BE REQUIRED AT TIME OF EQUIPMENT INSTALLATION DUE TO POTENTIAL CONFLICTS OR OTHER FACTORS THAT WERE UNIDENTIFIABLE DURING THE PROJECT DESIGN PHASE. ANY REQUIRED ADJUSTMENT'S SHALL BE APPROVED BY THE PROJECT ENGINEER.
34. ALL FIBERGLASS CONDUIT (FRP) SHALL BE GRAY IN COLOR.
35. PLAN SCALE INDICATIONS ARE FOR FULL SIZE (22"x34") DRAWINGS. IF REDUCED SCALE PRINTS ARE USED, SCALE SHOULD BE VERIFIED.

STATE	PROJECT NO.
MISS.	ITS-9999-09(029)

PLAN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/28/2013 1:42:35 GN-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJECT NO.	ITS-9999-09(029)
COUNTY:	WASHINGTON & COAHOMA, MS CHICOT & PHILLIPS, AR
FILENAME:	GN-1.DGN
DESIGN TEAM	NS CHECKED DATE
WORKING NUMBER	GN-1
SHEET NUMBER	3



ARKANSAS GENERAL NOTES

ITS LEGEND

- SPECIFIC ITS ELEMENTS SHALL BE THE SAME EQUIPMENT AND PAY ITEM, REGARDLESS OF WHICH STATE IT IS INSTALLED.
- SHOULDER WIDENING FOR GUARDRAIL ITEMS SHALL USE MDOT SPECIFICATIONS, REQUIREMENTS, AND TESTING PROCEDURES REGARDLESS OF WHICH STATE THE WORK IS BEING PERFORMED. THESE ITEMS INCLUDE THE FOLLOWING:

PAY ITEM 203-EX018	BORROW EXCAVATION, AH, LVM, CLASS B9	PER CUBIC YARD
PAY ITEM 907-304-F002	SIZE 610 CRUSHED STONE BASE	PER TON
PAY ITEM 907-403-A015	HOT MIX ASPHALT, ST, 9.5-MM MIXTURE	PER TON
-- WITH AN ALTERNATE FOR --		
PAY ITEM 907-403-M001	WARM MIX ASPHALT, ST, 9.5-MM MIXTURE	PER TON

- GUARD RAIL ITEMS SHALL USE MDOT PAY ITEMS, BUT REQUIREMENTS FOR EACH ITEM SHALL MEET THE MINIMUM STANDARDS FOR THE STATE IN WHICH THE ITEMS ARE BEING INSTALLED. THESE ITEMS INCLUDE THE FOLLOWING:

PAY ITEM 606-B001	GUARD RAIL, CLASS A, TYPE 1	PER LIN. FT.
THE ARKANSAS EQUIVALENT IS ITEM NO. 617001 GUARDRAIL (TYPE A) PER LIN. FT.		
PAY ITEM 606-C003	GUARD RAIL, CABLE ANCHOR, TYPE 1	PER EACH
THE ARKANSAS EQUIVALENT IS ITEM NO. 617101 TERMINAL ANCHOR POSTS (TYPE 1) PER EACH		
PAY ITEM 606-E003	GUARD RAIL, TERMINAL END SECTION, NON-FLARED	PER EACH
THE ARKANSAS EQUIVALENT IS ITEM NO. 617302 GUARDRAIL TERMINAL (TYPE 2) PER EACH		

IN MISSISSIPPI, THE LENGTH OF THE TERMINAL END SECTION IS BASED ON 37'-6" WHILE IN ARKANSAS IT IS BASED ON 50'-0". ALL TERMINAL END SECTIONS SHALL BE NON-FLARED TYPE.

REFER TO ARKANSAS GUARD RAIL STANDARD DETAIL SHEETS INCLUDED IN THE PLANS FOR ADDITIONAL INFORMATION.

- ITEMS SHOWN ON THE PLANS TO BE INSTALLED IN CHICOT COUNTY, ARKANSAS WILL BE PAID UNDER WASHINGTON COUNTY, MISSISSIPPI.
- ITEMS SHOWN ON THE PLANS TO BE INSTALLED IN PHILLIPS COUNTY, ARKANSAS WILL BE PAID UNDER COAHOMA COUNTY, MISSISSIPPI.

	EXISTING	PROPOSED
CABLE - COMM.	— C — C —	— C — C —
CABLE - ELEC. (U/G IN COND.)	— E — E —	— E — E —
LABEL FOR CONDUIT AND CONDUIT TYPES	[CONDUIT DESCRIPTION(S)] [CABLE DESCRIPTION(S)]	[CONDUIT DESCRIPTION(S)] [CABLE DESCRIPTION(S)]
PULL BOX - COMM.		
PULL BOX - ELEC.		
PULL BOX - SURFACE MOUNTED		
LABEL FOR PULL BOX TYPE		
DEMARC. PT. (POWER)		
TRAFFIC SIGNAL CABINET		
CABINET (TYPE AS NOTED)		
CCTV CAMERA (ALL TYPES)		
DYNAMIC MESSAGE SIGN (DMS) (TYPE 2 OR 3) (AS INDICATED)		
RADAR DETECTION SYSTEM (RDS)		
ROADWAY WEATHER INFORMATION SYSTEM (RWIS)		
REAL-TIME RIVER CURRENT SYSTEM (RTRC)		
HIGHWAY ADVISORY RADIO SYSTEM (HAR)		
HAR SIGN WITH FLASHING BEACONS		
LABEL FOR DEVICE DESCRIPTIONS AND LOCATIONS	[DEVICE #(S) & DESCRIPTION(S)] [LOCATION DESCRIPTION(S)]	[DEVICE #(S) & DESCRIPTION(S)] [LOCATION DESCRIPTION(S)]
COMMUNICATIONS HUT		
COMMUNICATIONS VAULT		
WIRELESS RADIO		
ELECTRICAL TRANSFORMER		

UTILITIES

ELECTRICAL SERVICE PROVIDERS	PHONE NUMBER	CONTACT NAME
ASHLEY-CHICOT ELECTRIC COOPERATIVE, INC.	(870) 853-6283	JASON SANDERS
ENERGY ARKANSAS, INC. (HELENA AREA)	(870) 261-6313	ROB VONDRAN
ENERGY ARKANSAS, INC. (LAKE VILLAGE AREA)	(870) 377-1023	JIMMY LOCKE
ENERGY MISSISSIPPI, INC. (LULA AREA)	(901) 626-7192	DAVID VALDUCI
ENERGY MISSISSIPPI, INC. (LELAND AREA)	(662) 820-0361	RANDY BLACKBURN
TWIN COUNTY ELECTRIC POWER ASSOCIATION	(662) 827-2262	LONNIE MOORMAN
DELTA ELECTRIC POWER ASSOCIATION	(662) 887-1652	ONEAL WHATLEY
COAHOMA ELECTRIC POWER ASSOCIATION	(662) 624-8323	PHIL CAUTHEN
WOODRUFF ELECTRIC COOPERATIVE	(870) 633-2262	JIMMY COOK

COMMUNICATION SERVICE PROVIDERS	PHONE NUMBER	CONTACT NAME
AT&T MISSISSIPPI (GREENVILLE AREA)	(662) 455-1781	BOB GRANTHEM
AT&T MISSISSIPPI (LULA AREA)	(662) 236-1337	WOODROW BROWN
AT&T ARKANSAS (LAKE VILLAGE AREA)	(870) 541-2801	SHARON NORTON
AT&T ARKANSAS (HELENA AREA)	(870) 972-7596	ANTHONY MARTINEZ

ABBREVIATIONS

E.O.T.L.	EDGE OF TRAVEL LANE
F.O.	FIBER OPTIC
COMM.	COMMUNICATION
FRP	FIBERGLASS REINFORCED PIPE
RGS	RIGID GALVANIZED STEEL

MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES & I.T.S. LEGEND	
PROJECT NO. ITS-9999-09(029) COUNTY: WASHINGTON & COAHOMA, MS CHICOT & PHILLIPS, AR	
WORKING NUMBER GN-2	SHEET NUMBER 4
DATE	FILENAME: GN-2.DGN
DESIGN TEAM	NS CHECKED DATE

2/28/2013 1:04:22:36 GN-2.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION