FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP–0029–02(014)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP–0029–02(014)

SR–304/I–269 FROM 2750' EAST OF SR–305
TO 1700' EAST OF COLDWATER RIVER BRIDGE
DESOTO COUNTY

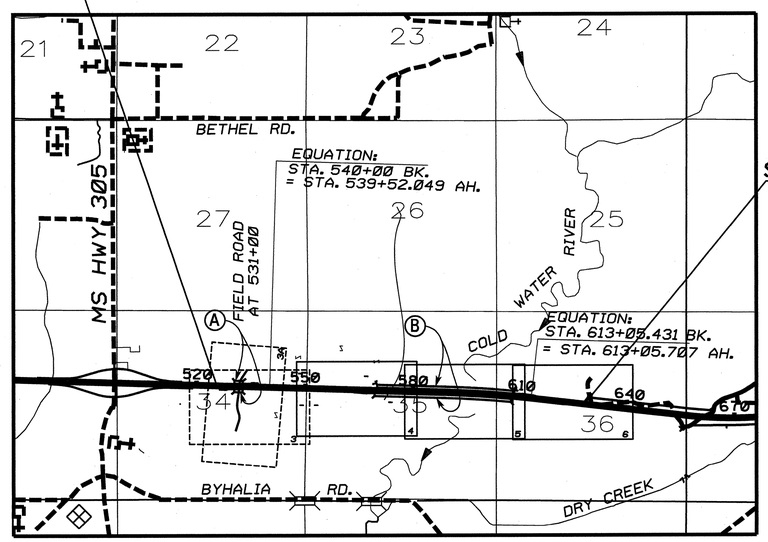
FMS CONST. 102556/312000

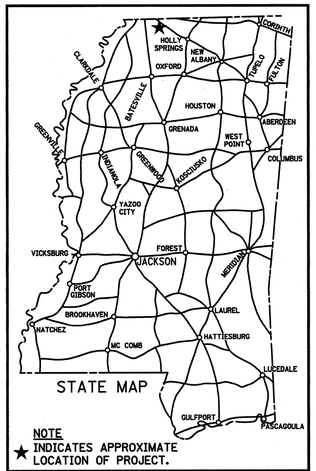
SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 2000 FT.

STA. 525+00 BEGINNING OF PROJECT

STA. 625+00 END OF PROJECT





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°46'19.453"N LONG. 83°56'13.886"W
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQ'D.	
Ⓐ	STA. 530+58.875 (RT.LN. & LT.LN.) 10@70', 10@90', 10@70' LENGTH ALONG C.L. = 232.25'
Ⓑ	Sta. 569+32.028 (Rt.Ln.) STA. 569+95.010 (LT.LN.) 21@120', 10@135', 10@180', 10@135', 7@120' Length along C.L. = 3,813.125'

BOX BRIDGES REQ'D.
NONE

DESIGN CONTROL	
70 MPH = V (SPEED DESIGN)	
ADT (2015) = 27,000;	ADT (2035) = 44,000
DHV = 4,400 : D = 60 %	T = 22 %

PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	WATERS	WETLANDS
NATIONWIDE #14	✓	✓
NATIONWIDE (OTHER)*	✓	✓
GENERAL*	✓	✓
INDIVIDUAL (404)*	✓	✓

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

STORMWATER PERMIT	✓
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES +)(NTB 586)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 14)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY:	DATE: 3/13/12

NOTE (A) THIS PROJECT IS DECLARED BY THE STATE HIGHWAY COMMISSION TO BE A TYPE 1 CONTROLLED ACCESS FACILITY IN ACCORDANCE WITH THE PROVISIONS OF TITLE 23 UNITED STATES CODE, SECTION 109 AND TITLE 23 OF THE CODE OF FEDERAL REGULATIONS, PART 625, AND IS SUBJECT TO ALL RESTRICTIONS AS SHOWN BY ORDER OF SAID COMMISSION DATED MAY 13, 2008, IN MINUTE BOOK 13, PAGES 179 AND 180 .

(B) ACCESS TO AND EXIT FROM THIS HIGHWAY WILL BE PERMITTED ONLY THROUGH INTERCHANGE OR SUCH OTHER POINTS AS MAY BE ESTABLISHED BY PUBLIC AUTHORITY AND AS SHOWN ON THE PLANS.

EQUATIONS

Sta. 540+00 BK. = Sta. 539+52.049 AH. (47.951')
Sta. 613+05.431 BK. = Sta. 613+05.707 AH. (-0.276')

EXCEPTIONS

LENGTH DATA

	PROJECT TOTALS			
LENGTH OF ROADWAY	6,002.300	FT.	1.136	MI.
LENGTH OF BRIDGES	4,045.375	FT.	0.767	MI.
LENGTH OF PROJECT (NET)			1.903	MI.
LENGTH OF EXCEPTIONS	0.000	FT.	0.000	MI.
LENGTH OF PROJECT (GROSS)			1.903	MI.

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN CORPORATION LINE
SECTION LINE
EXISTING ROAD OR TRAVELED WAY
PROPOSED ROAD OR TRAVELED WAY
RAILROAD
SURVEY LINE
BRIDGES

Roadway

MARK G. BAILEY REGISTERED PROFESSIONAL ENGINEER #8245 STATE OF MISSISSIPPI
3/7/12

REVISIONS	DATE	BY

APPROVED:
CHIEF ENGINEER — DATE 3/13/12
EXECUTIVE DIRECTOR — DATE 3/13/12
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR — DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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STATE	PROJECT NO.
MISS.	STP-0029-02(014)

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DETAILED INDEX	DI-2	3
DETAILED INDEX (BRIDGE)	DI-BR	4
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ESTIMATED QUANTITIES FOR HYDRAULIC DESIGN, EARTHWORK, FENCING & EROSION CONTROL	EQ-2	11
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL ITEMS	EQ-3	12
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-4	13
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MAIN FACILITY - STA. 580+00 - STA. 610+00	5	18
MAIN FACILITY - STA. 610+00 - STA. 625+00	6	19
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MARK G. BAILEY
REGISTERED PROFESSIONAL ENGINEER
ENGINEER #8245
STATE OF MISSISSIPPI
3/7/12

NEEL-SCHAFFER

PS & E PLANS-DATE 3-12-12

FMS CON. # 102556/312000

REVISIONS

DATE	SHEET NO.	BY

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Detailed Index

Project No.: STP-0029-02(014)

County: DESOTO

FILENAME: INDEX.dgn

DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER: DI-1

SHEET NUMBER: 2

PLAN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
HIGHWAY DESIGN DIVISION

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STATE	PROJECT NO.
MISS.	STP-0029-02(014)

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TOTAL SHEETS 147

MARK G. BAILEY
REGISTERED PROFESSIONAL ENGINEER #8245
STATE OF MISSISSIPPI
3/7/12

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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Project No.: STP-0029-02(014)

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DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER DI-2

SHEET NUMBER 3

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0006-02(072)

DESCRIPTION OF SHEET

I-269 BRIDGE OVER FARM ROAD AT STATION 530+58.875 EB
I-269 BRIDGE OVER FARM ROAD AT STATION 530+58.875 WB

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COLDWATER RIVER BRIDGE AT STA. 569+32.028 (EB)

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DESCRIPTION OF SHEET

COLDWATER RIVER BRIDGE AT STA. 569+95.010 (WB)
COLDWATER RIVER BRIDGE AT STA. 569+32.028 (EB)

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BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY
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	471, 472, 482	
	497, 499+ 501	JB

NEEL-SCHAFFER
Solutions you can build upon

KEVIN J. KENNEDY
LICENSED PROFESSIONAL ENGINEER
ENGINEER
No. 9913
STATE OF MISSISSIPPI

DATE: 3/6/12

REVISION | BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
I-269 FROM SR 305 TO EAST OF SR 178

DETAILED INDEX
(BRIDGE)

PROJECT STP-0029-02(014)
STP-0029-03(008)

DESOTO COUNTY

WORKING NUMBER DI-BR

DATE | DESIGNED KJK DETAILED KJK TRACED CADD
CHECKED CMC ISSUED DATE 01/2009

SHEET NUMBER 4

FILE: S:\Projects\6485.014 & .015 I-269\Final Drawings (dgn)\Roadway 1\DI-BR.dgn
DATE: 3/7/2012 TIME: 10:40:55 AM USER: KJK

STATE	PROJECT NO.
MISS.	STP-0029-02(014)

GENERAL NOTES

1. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

2. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

3. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE (SEE WK. SH. NO. TEC-1).

4. 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. EXTREME CARE SHOULD BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. 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.

5. A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES, AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.

6. 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

7. PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK SH VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.

8. THE CLEARING LIMITS ADJACENT TO THE COLDWATER RIVER (MAIN CHANNEL AT STA. 597+00) WILL BE LIMITED TO NO FURTHER THAN TEN(10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY(50) FEET FROM THE TOP OF THE BANKS.

9. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIALS.

10. GRASSING WILL BE PROVIDED FOR ALL NEWLY GRADED OR DISTURBED EARTHEN AREAS, INCLUDING MAIN LINE AND RAMPS, THAT ARE NOT PAVED OR OTHERWISE STABILIZED.

11. ALL SIGNS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MUTCD(MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES)(2009 EDITION AND ALL SUBSEQUENT REVISIONS).

12. THE CONTRACTOR WILL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECTS IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

13. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

14. THE CONTRACTOR WILL BE PERMITTED TO CONSTRUCT A TEMPORARY HAUL ROAD FOR THE CONSTRUCTION OF THE COLDWATER RIVER BRIDGE. UPON COMPLETION OF THE BRIDGE, THIS ROAD SHALL BE REMOVED BY THE CONTRACTOR TO NATURAL GROUND ELEVATION. ALL COSTS ASSOCIATED WITH THE HAUL ROAD ARE TO BE INCLUDED IN OTHER ITEMS BID.

15. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

16. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THE INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES LOCATED IN ADVANCE OF CONSTRUCTION.

17. THERE ARE NO APPARENT PUBLIC UTILITIES ON THIS PROJECT.

18. 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 THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

19. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.

20. DITCHES TO BE ADJUSTED AS DIRECTED BY THE ENGINEER TO ACCOMMODATE DRAINAGE. (SEE TS-1 FOR DETAILS)

21. PAVED APRON REQUIRED AROUND ALL MEDIAN INLETS PER STATE STANDARD PA-1 OR APPLICABLE MEDIAN INLET STANDARD UNLESS OTHERWISE NOTED.

22. ALL REINFORCED CONCRETE NON-STACK PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" WIDTH (NOT A SEPARATE PAY ITEM). ALL PICKUP HOLES ARE TO BE PLUGGED WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER. (NOT A SEPARATE PAY ITEM).

23. THE USE OF SELECT BRUSH FROM CLEARING AND GRUBBING WILL BE ALLOWED FOR A BRUSH BARRIER AS APPROVED BY THE CONTRACTOR'S EROSION CONTROL PLANS. BRUSH BARRIERS SHALL BE REMOVED AFTER CONSTRUCTION. COST OF BRUSH BARRIER PLACEMENT AND REMOVAL WILL BE ABSORBED IN PAY ITEM 201-A001, CLEARING AND GRUBBING.

24. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM MEASUREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR WILL SUBMIT AN EROSION CONTROL PLAN TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK, MAINTAIN AND UPDATE THE PLAN DURING CONSTRUCTION.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Project No.: STP-0029-02(014)

County: DESOTO

FILENAME: GENERALNOTES.dg

DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER GN-1

SHEET NUMBER 5

PLAN PROJECT DEVELOPMENT DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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