

GENERAL INDEX

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STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP-0020-01(191) STATE PROJECT NO. SP-0020-01(063)

I-20 INTERCHANGE IN BRANDON WEST BOUND RAMP RANKIN COUNTY

**FMS CONSTRUCTION : 105536/301000
FMS CONSTRUCTION : 105536/302000 (BRIDGE MAINT.)**

BRIDGE STRUCTURES REQ'D.

**STA. 237 + 31.19 to STA. 244 + 08.71
SPANS 2@80', 1@135', 1@60', 4@80'
36° LEFT FORWARD SKEW
677.52' ALONG BASELINE**

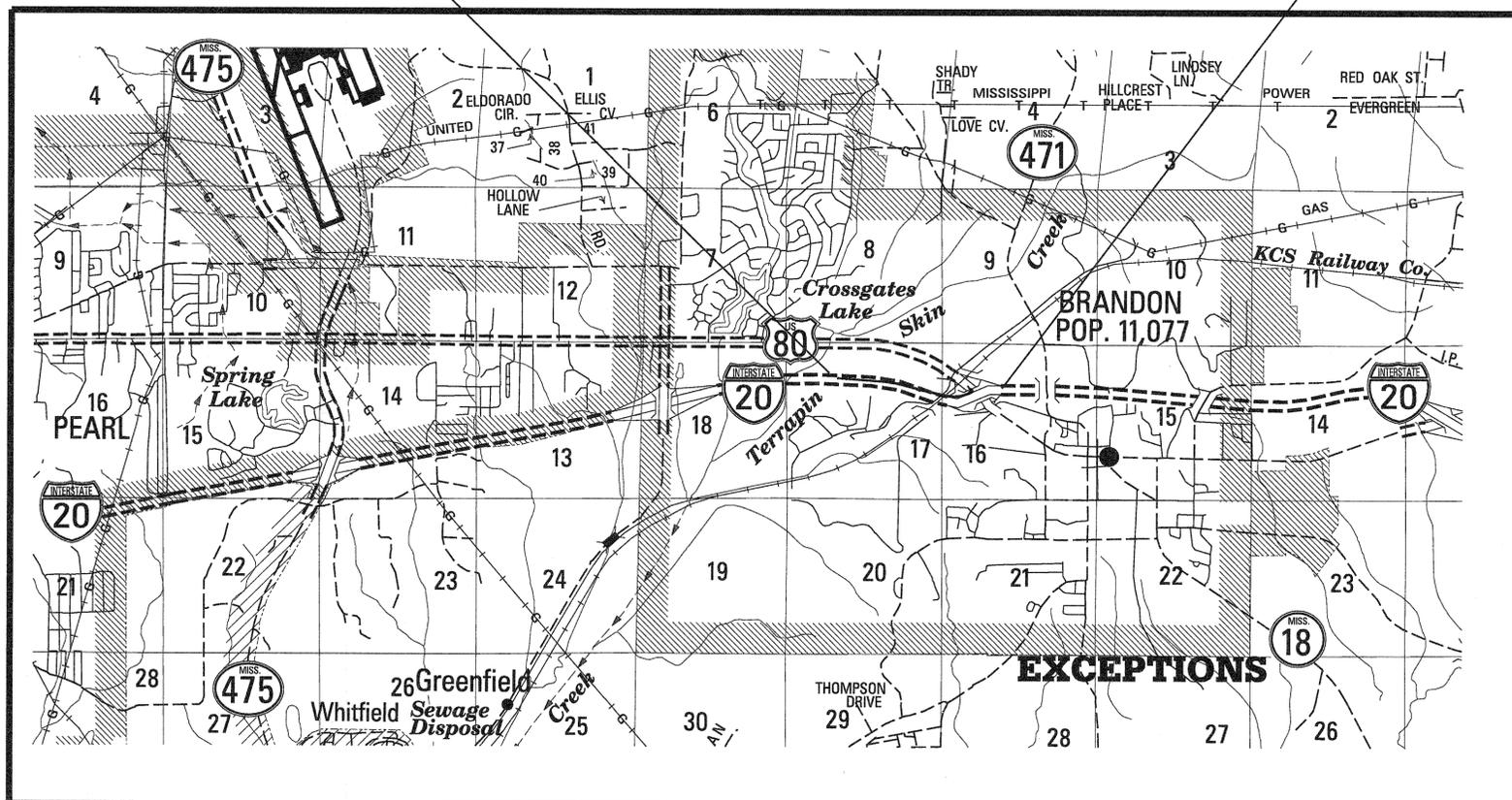
**BOX BRIDGES REQ'D.
NONE**

**B.O.P.
STA. 614 + 00 (I-20)**

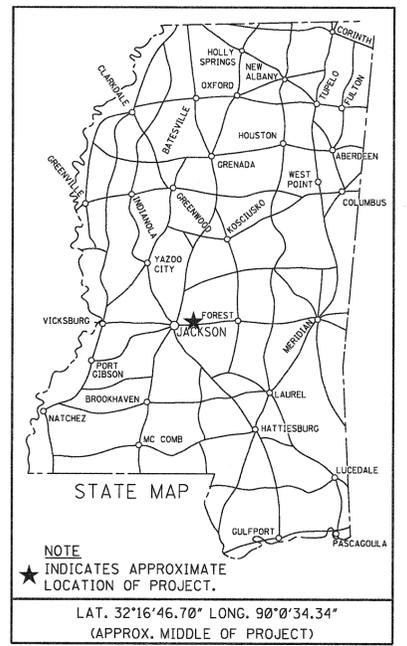
SCALES

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

**E.O.P.
STA. 651 + 00 (I-20)**



STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	HSIP-0020-01(191)	1



DESIGN CONTROL

45 MPH = V (SPEED DESIGN)

ADT (2013) = 8000 ; ADT (2033) = 9500
DHV = 950 ; D = 99 % T = 7 %

PERMITS ACQUIRED BY MDT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

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

STORMWATER PERMIT Y

Y REQUIRED CNOI SUBMITTED BY MDT (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]*

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD'83(93)	MS	WEST ZONE
CONTROL STATION	NORTH	EAST
HATCH	1024662.23142	2464821.09962
Z362	1018975.29908	2356930.47078
SPILLWAY	1054010.13553	2379559.14761

VERTICAL DATUM:
NAVD88

ALL AZIMUTHS AND DISTANCES ARE

NAD'83(93)	MS WEST	ZONE GRID VALUES
CONVERSION VALUES	BOP	EOP
GROUND TO GRID (COMBINED) FACTOR	.999945514	
GRID TO GROUND CORRECTION	-54.486 PPM	
GRID TO GEODETIC AZIMUTH	+00 09' 13.05227"	

EQUATIONS	EXCEPTIONS
LENGTH DATA	
LENGTH OF ROADWAY	3700.0 FT. 0.70 MI.
LENGTH OF BRIDGES	677.5 FT. 0.13 MI.
LENGTH OF PROJECT (NET)	0.83 MI.
LENGTH OF EXCEPTIONS	0.0 FT. 0.00 MI.
LENGTH OF PROJECT (GROSS)	3700.0 FT. 0.83 MI.

APPROVED: *[Signature]* 5-27-14
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER DATE

REVISIONS: *[Signature]* 5/21/14
EXECUTIVE DIRECTOR DATE

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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WKG. NO. SH. NO.

DESCRIPTION OF SHEET

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LEHMAN		
PS & E PLANS-DATE: 05/28/2014		
FMS CON. # 105536/301000		
REVISIONS		
DATE	SHEET NO.	BY



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. HSIP-0020-01(191)	
COUNTY : RANKIN	
FILENAME: <u>DETAIL INDEX.DGN</u>	WORKING NUMBER DI-1
DESIGN TEAM <u>LEHMAN</u> CHECKED <u> </u> DATE <u>1/30/2014</u>	SHEET NUMBER 2

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. HSIP-0020-01(191)	WORKING NUMBER DI-2
COUNTY : RANKIN	SHEET NUMBER 3
FILENAME: DETAIL INDEX.DGN	DATE 1/30/2014
DESIGN TEAM LEHMAN	CHECKED

GENERAL NOTES

GENERAL NOTES (CONT.)

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)	ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
(3)	ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
(4)	A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE 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.
(5)	25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
(6)	THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES 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.
(7)	ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
(8)	VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
(9)	UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
(10)	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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING 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 STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
(11)	SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
(12)	WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
(13)	FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.

(14)	ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO FABRICATION.
(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)	THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF <u>THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION</u> . NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
(17)	ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
(18)	REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
(19)	WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
(20)	THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U. S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
(21)	PRIOR TO EARTHWORK OPERATIONS, THE EXISTING 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.
(22)	IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
(23)	ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED.
(24)	THE CONTRACTOR SHALL NOTIFY MISSISSIPPI LOGOS INC. 601-853-7100 OF THE SCHEDULE OF OPERATIONS SO THAT ALL LOGO SIGNS CAN BE MOVED BY MISSISSIPPI LOGOS IN A MANNER THAT WILL NOT IMPEDE THE PROGRESS OF THE PROJECT.
(25)	THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
RANKIN COUNTY	
PROJECT NO.:HSIP-0020-01(091)	
DATE	FILENAME: GNOTES.DGN
DESIGN TEAM	LEHMAN
CHECKED	DATE

REVISION	BY

WORKING NUMBER	GN-1
SHEET NUMBER	5

