STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	IM–0055–03(089)	1

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEET
☒	ROADWAY	1
☐	PERMANENT SIGNS	1001
☐	TRAFFIC SIGNALS	2001
☐	ITS COMPONENTS	3001
☒	LIGHTING	4001
☐	(RESERVED)	5001
☒	ROADWAY STANDARD DWGS	6001
☐	BOX CULVERT STD. DRAWINGS (LRFD)	7001
☐	BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
☐	BRIDGE	8001
☐	CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. IM–0055–03(089)

MILLING AND OVERLAY ON INTERSTATE 55 FROM
0.5 MI. SOUTH OF SR 8 TO YALOBUSHA COUNTY LINE
GRENADA COUNTY

FMS. CONST. NO. 107070/301000

BEGINNING OF PROJECT

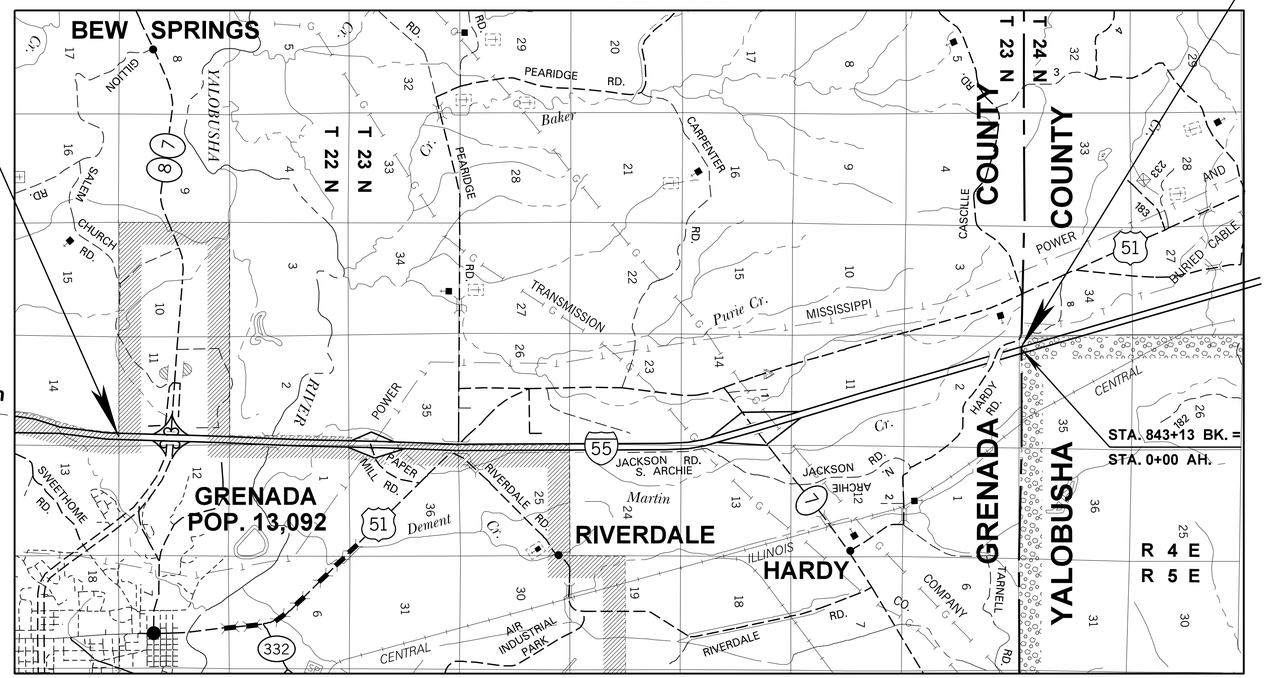
STATION 405+00.00

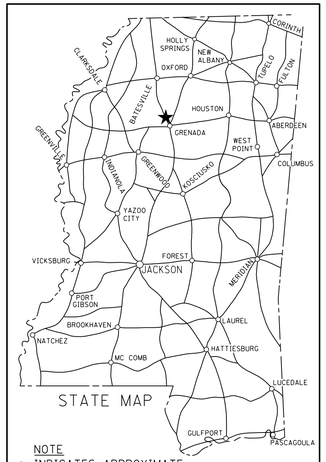
END OF PROJECT

STATION 843+13.00

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 3500 FT.





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 33°50′ LONG. 89°50′
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2018) = 16,485 : ADT (2038) = 20,115
DHV = 1,980 : D = 56 % T = 24 %

PERMITS ACQUIRED BY MDOT

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 S

Y	REQUIRED, CNOI 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: _____

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83 MS WEST ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
05522001	1569484.3698	2446807.1093
05522002	1559681.5790	2446150.0656
05522003	1587188.3531	2445391.4022

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
05522001	201.7160
05522003	263.2082

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999975594
GRID TO GEODETIC AZIMUTH	(+)00°16'27.05847"

EQUATIONS

STA. 525 + 53.17 BK. = STA. 525 + 40.60 AH. +12.57 FT.
STA. 689 + 45.00 BK. = STA. 690 + 00.00 AH. – 55.00 FT.
STA. 802 + 10.50 BK. = STA. 802 + 00.40 AH. +10.10 FT.
STA. 843 + 13 BK. = STA. 0 + 00.00 AH. (COUNTY LINE) 0.0 FT.
TOTAL – 32.33 FT.

EXCEPTIONS (BRIDGES RIGHT LANE)

STA. 474 + 38.00 TO STA. 478 + 18.00	380.00 FT.
STA. 495 + 60.00 TO STA. 498 + 00.00	240.00 FT.
STA. 563 + 66.11 TO STA. 565 + 50.93	184.82 FT.
STA. 708 + 84.23 TO STA. 710 + 39.63	155.40 FT.
TOTAL	960.22 FT. = 0.182 MI.

LENGTH DATA

LENGTH OF ROADWAY	42,820.4 FT.	8.110 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		8.110 MI.
LENGTH OF EXCEPTIONS	960.22 FT.	0.182 MI.
LENGTH OF PROJECT (GROSS)		8.292 MI.

P S & E DATE: 6/07/2018

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

REVISIONS BY DATE

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FMS CON: 107070/301000

1st O.REV.

STATE	PROJECT NO.
MISS.	IM-0055-03(089)

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/18/2018 12:37PM RWD-DI-001

B. Sullivant

PS & E PLANS-DATE: 06/07/18		
FMS CON. # 107070/301000		
REVISIONS		
DATE	SHEET NO.	BY
10/18/18	7	ML

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: IM-0055-03(089)
COUNTY: GRENADA

WORKING NUMBER DI-1

SHEET NUMBER **2**

REVISION | BY | DATE

FILENAME: **RWD-DI-001**
DESIGN TEAM _____ CHECKED _____ DATE **2016-11-10**

STATE	PROJECT NO.
MISS.	IM-0055-03(089)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (64)		
PAVEMENT MARKING DETAILS FOR 2 & 4 LANE DIVIDED ROADWAYS	PM-1	6051
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL & TAPER)	PM-3	6053
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL & TAPER)	PM-4	6054
PAVEMENT MARKING LEGEND DETAIL	PM-6	6056
RUMBLE STRIP DETAIL FOR OGFC OR CONCRETE ROADWAY WITH ASPHALT SHOULDERS	RS-3	6066
TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATION	ECD-1	6101
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS & DETAILS	ECD-4	6104
TEMPORARY EROSION, SEDIMENT & WATER POLLUTION CONTROL MEASURES, (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS	ECD-6	6106
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECKS	ECD-7	6107
ROCK DITCH CHECK	ECD-8	6108
ROCK FILTER DAM	ECD-9	6109
TYPICAL APPLICATIONS & DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
INLET PROTECTION DETAIL OF WATTLES	ECD-13	6113
INLET PROTECTION DETAILS OF SAND BAGS	ECD-15	6115
STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
GUARDRAIL "W" BEAM (WOOD POSTS)	GR-1	6201
GUARDRAIL "W" BEAM (STEEL POSTS)	GR-1B	6203
GUARDRAIL: BRIDGE END SECTION - TYPE A & C	GR-2	6204
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	6210
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G	6211
GUARDRAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	GR-3	6212
GUARDRAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	GR-3A	6213
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4	6214
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	GR-4B	6216
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS	GR-4C	6217
GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6306
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6308
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-5	6309
BREAKAWAY SIGN SUPPORTS	SN-6	6310
BREAKAWAY SIGN SUPPORTS	SN-6A	6311
SIGN FACE CONST. AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	SN-7	6313
TYPICAL INSTALLATION OF DELINEATORS	SN-8A	6315
TYPICAL CROSSOVER DELINEATION	SN-8B	6316
TYPICAL GUARDRAIL DELINEATION	SN-8C	6317

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (CONTINUED)		
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-4	6354
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-5	6355
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS	TCP-10	6360
TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSS-OVER (WORK DAY ONLY)	TCP-11	6361
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP-12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	TCP-15	6365
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SE-2A	6408
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY (2% NORMAL SUBGRADE)	SE-2B	6409
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SE-3A	6413
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVELED WAY	SE-3B	6414
INTERCHANGE DESIGN FOR HIGH SPEED TAPERED EXIT RAMP	IR-1	6415
INTERCHANGE DESIGN FOR HIGH SPEED PARALLEL EXIT RAMP	IR-1A	6416
INTERCHANGE DESIGN FOR HIGH SPEED PARALLEL ENTRANCE RAMP	IR-2A	6418
PIPE CULVERT INSTALLATION	PI-1	6501
CONCRETE PIPE COLLAR	PC-1	6503
TYPE I MEDIAN INLET (24" PIPE AND UNDER)	MI-1	6508
DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	6516
PAVED INLET APRON AND MEDIAN DITCH PLUG	PA-1	6520

ROADWAY SHEETS & STANDARDS - (107)
LIGHTING SHEETS - (8)
TOTAL ALL SHEETS - (115)

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/8/2018 12:37:10 PM RWD-DI-001

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: IM-0055-03(089)
COUNTY: Grenada

FILENAME: RWD-DI-001
DESIGN TEAM _____ CHECKED _____ DATE 2016-11-10

WORKING NUMBER
DI-2

SHEET NUMBER
3

STATE	PROJECT NO.
MISS.	IM-0055-03(089)

GENERAL NOTES:

1. THE LOCATION & SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE & MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE PROJECT ENGINEER.

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

3. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC. SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE 2017 MISSISSIPPI STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

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

5. MAXIMUM LANE CLOSURE ALLOWED IS 3 MILES. A 3 MILE INTERVAL IS REQUIRED BETWEEN WORK ZONES IN ADJACENT LANES IN THE SAME DIRECTION OF TRAVEL AND A 2 MILE INTERVAL IS REQUIRED BETWEEN WORK ZONES IN THE SAME LANE IN THE SAME DIRECTION OF TRAVEL.

6. ANY VEGETATION OR SOD THAT IS DISTURBED SHALL BE RE–ESTABLISHED. THE COST OF THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK, EXCEPT AS REQUIRED BY PLANS.

7. WHERE MILLING OF THE ROADWAY LANES 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 THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

8. 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 SHALL 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 DUE TO THE CONTRACTORS OPERATIONS DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

9. THE USE OF EMERGENCY CROSSOVERS IS NOT ALLOWED FOR CONSTRUCTION TRAFFIC.
AT STATION 603 + 55, OVERLAY AND ADJUST SLOPES WITH GRANULAR MATERIAL CLASS 3 GROUP D TO COMPLY WITH SHEET EXO–1.
USE PAY ITEMS PROVIDED.
EMERGENCY/OFFICAL USE SIGN AT CROSSOVER TO BE REMOVED AND RESET USING PAY ITEM 907–630–0. (INCLUDES CONCRETE FOOTING AND POST STUB OUT)

10. SEE SHEET WORKING NO. SSD–1 FOR DETAILS ON SPEEDING FINES DOUBLED SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

11. ALL VERTICAL BRIDGE CLEARANCES MUST BE CONFIRMED AND MAINTAINED.

12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE FROM OCCURRING DURING 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.

13. EXCEPT AS NOTED ELSEWHERE IN THE PLANS, ALL EXISTING LOGO SIGNS ARE TO REMAIN IN PLACE. LOGO SIGNS WHICH CONFLICT WITH PROPOSED CONSTRUCTION SIGNING WILL BE RELOCATED BY MS LOGOS, INC.

14. THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS AND BOX BRIDGES) SHALL BE PAID FOR IN CLEARING AND GRUBBING.

15. STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.

16. DOUBLE DROP THERMOPLASTIC STRIPE WILL BE USED ON ALL BRIDGE DECKS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE PREFORMED JOINT MATERIAL. ANY DAMAGE CAUSED BY THE THERMOPLASTIC WILL BE REPAIRED AT NO COST TO THE STATE.

17. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).

18. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

19. ALL POST, PIPE, AND I–BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO.: IM-0055-03(089)
COUNTY: Grenada

WORKING NUMBER
GN-1

SHEET NUMBER
4

FILENAME: GeneralNotes.dgn
DESIGN TEAM _____ CHECKED _____ DATE 2016-06-20

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/8/2018 12:37:11 PM GENERAL NOTES.DGN