

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH-0015-01(139)

FMS CON. NO. 107937 /301000

FRANKLIN COUNTY

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	{	HOR. 1 IN. = 100 FT.
		VERT. 1 IN. = 10 FT.
LAYOUT		1 IN. = 4,507 F

BRIDGE STRUCTURES REQ'D.

B.O.P. STA. 535 + 85

BOX BRIDGES REQ'D.

E.O.P STA. 78+50

9 MILES
TO MEADVILLE

CONVENTIONAL SYMBOLS

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

EQUATIONS

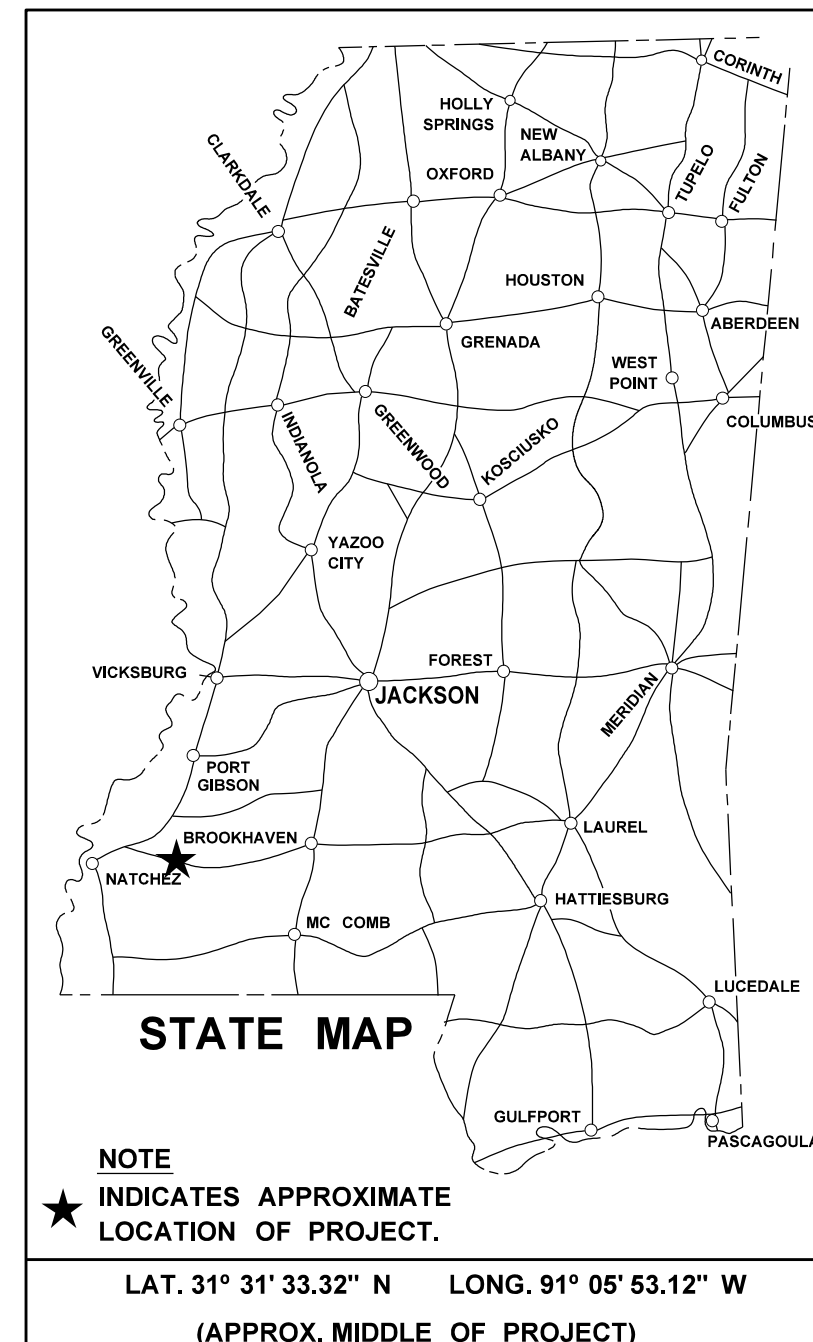
(RT. LANE)			EQUATIONS			(LT. LANE)		
558+09.12 BK	=	33+34.31 AH	=	52,474.81		558+45.30 BK	=	33+34.31 AH = 52,510.99
51+84.66 BK	=	51+85.99 AH	=	-1.33		51+84.66 BK	=	51+85.99 AH = -1.33
66+96.27 BK	=	66+84.07 AH	=	12.20		67+45.81 BK	=	66+84.07 AH = 66.74
101+45.52 BK	=	101+48.28 AH	=	-2.76		101+45.52 BK	=	101+48.28 AH = -2.76
122+07.44 BK	=	122+07.86 AH	=	-0.42		122+52.42 BK	=	122+07.86 AH = 44.56
213+73.80 BK	=	213+74.99 AH	=	-1.19		166+50.47 BK	=	167+15.36 AH = -64.89
227+44.00 BK	=	737+71.37 AH	=	-51,027.37		214+26.33 BK	=	213+74.99 AH = 51.34
790+66.30 BK	=	262+65.99 AH	=	52,800.31		227+44.00 BK	=	737+71.37 AH = -51,027.37
292+15.99 BK	=	302+08.84 AH	=	-992.85		790+66.30 BK	=	262+65.99 AH = 52,800.31
314+70.40 BK	=	314+72.78 AH	=	-2.38		291+62.27 BK	=	302+08.84 AH = -1,046.57
364+48.80 BK	=	364+50.03 AH	=	-1.23		364+48.80 BK	=	364+50.03 AH = -1.23
385+15.60 BK	=	65+28.20 AH	=	31,987.40		383+54.14 BK	=	383+50.03 AH = 4.11
			<hr/>			385+15.60 BK	=	65+28.20 AH = 31,987.40
			85,245.29					

LENGTH DATA (LT. LANE)

LENGTH OF ROADWAY	39,586.30 FT.	7.497 MI.
LENGTH OF BRIDGES	650.30 FT.	<u>0.123 MI.</u>
LENGTH OF PROJECT (NET)	38,936.00 FT.	7.374 MI.
LENGTH OF EXCEPTIONS		<u>MI.</u>
LENGTH OF PROJECT (GROSS)	39,586.30 FT.	7.497 MI.

EXCEPTIONS

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0015-01(139)	1



DESIGN CONTROL
 _____ MPH = V (SPEED DESIGN)

ADT () = : ADT () =
DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

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

	STORMWATER PERMIT	<input checked="" type="checkbox"/> N
Y	REQUIRED. CNOI SUBMITTED BY MOOT (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: _____		

P S & E DATE: 03/1/2022

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



3/11/2022 3:23:40 PM 02DI-1.dgn PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET		1
DETAILED INDEX	DI-1	2
GENERAL NOTES	GN-1	3
TYPICAL SECTION SHEETS (2)		
TYPICAL SECTION MAINLINE	TS-1	4
TYPICAL SECTION MAINLINE (MILL & INLAY)	TS-2	5
QUANTITY SHEETS (4)		
SUMMARY OF ESTIMATED QUANTITIES	SQ-1	6
ESTIMATED QUANTITIES FOR ASPHALT, MILLING, GRANULAR MATERIAL	EQ-1	7
ESTIMATED QUANTITIES FOR MILL & INLAY AREAS	EQ-2	8
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCPQ-1	9
PLAN PROFILE SHEETS (14)		
STA. 527+00 - STA. 557+00	3	10
STA. 557+00 - STA. 61+00	4	11
STA. 61+00 - STA. 90+00	5	12
STA. 90+00 - STA. 120+00	6	13
STA. 120+00 - STA. 149+00	7	14
STA. 149+00 - STA. 179+00	8	15
STA. 179+00 - STA. 209+00	9	16
STA. 209+00 - STA. 747+00	10	17
STA. 747+00 - STA. 777+00	11	18
STA. 777+00 - STA. 278+00	12	19
STA. 278+00 - STA. 318+00	13	20
STA. 318+00 - STA. 348+00	14	21
STA. 348+00 - STA. 378+00	15	22
STA. 378+00 - STA. 88+00	16	23
SPECIAL DESIGN SHEETS (9)		
DETAILED CONSTRUCTION SIGNS	DCS-1	24
DETAIL FOR CURB AND ISLAND STRIPING	DCIS-1	25
CROSSOVER RPM: D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSTOVERS	D7-1	26
CROSSOVER RPM: D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSTOVER @ Sta. 784+00	D7-1A	27
DETAIL OF STRIPING: CHANNELIZED INTERSECTIONS 4-LANE HIGHWAY	PMD-4	28
TRAFFIC CONTROL DETAILS: DRUM PLACEMENT AND SHOULDER CLOSURE	SDTCP-16	29
GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4-MOD	30
UNDERSEALING CONCRETE PAVEMENT DETAIL	UCPD-1	31
STOP SIGN RUMBLES	SDSSR-1	32
STANDARDS DRAWINGS (16)		
PAVEMENT MARKING DETAIL FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6051
PAVEMENT MARKING LEGEND DETAILS	PM-5	6055
PAVEMENT MARKING LEGEND DETAILS	PM-6	6056
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4-LANE)	PM-12	6062
RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS)	RS-2	6065
TYPICAL CROSSOVER DELINEATION	SN-8B	6316
TYPICAL GUARDRAIL DELINEATION	SN-8C	6317
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH	TCP-2	6352
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD)	TCP-4	6354
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH	TCP-5	6355
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
TRAFFIC CONTROL PLAN FOR UNEVEN PAVEMENT DETAILS	TCP-12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
RURAL DRIVEWAYS	RD-1	6403

TOTAL NUMBER OF SHEETS: 48

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DISTRICT 7		
PS & E PLANS-DATE: 03/11/2022		
FMS CON. # 107937 / 301000		
REVISIONS		
DATE	SHEET NO.	BY

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
				REVISION	DETAILED INDEX
				DATE	PROJ. NO.: NH-0015-01(139) COUNTY: FRANKLIN
				FILE NAME: \02DI-1.dgn	WORKING NUMBER DI-1
				DESIGN TEAM DISTRICT 7	CHECKED DATE SHEET NUMBER 2

STATE	PROJECT NO.
MISS.	NH-0015-01(139)

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

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.
- 5

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.
- 6

VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- 7

THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT WORK OR PHASE.
- 8

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.
- 9

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.
- 10

TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- 11

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. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
- 12

STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED ""MATERIAL STORAGE UNDER BRIDGES""FOR MORE INFORMATION.
- 13

INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.
- 14

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.
- 15

ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- 16

DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- 17

AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE-LONGITUDE GPS COORDINATES), MUTCD SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I-BEAM), NUMBER OF SUPPORTS, DATE OF INSTALLATION, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILENAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- 18

ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 19

ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- 20

THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- 21

THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- 22

ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- 23

ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).
- 24

ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.

GENERAL NOTES (CONT.)

- 25

TEMPORARY STRIPING SHALL BE REQUIRED AFTER MILLING, PRELIMINARY LEVELING, AND OVERLAYING OPERATIONS; TEMPORARY STRIPING SHALL BE PLACED IN THE SAME LOCATIONS AND LAYOUT AS PERMANENT STRIPE. ALL CENTERLINE, LANE LINES, EDGE LINES, AND NO-PASSING STRIPES THAT HAVE BEEN REMOVED DURING THE DAY'S OPERATIONS SHALL BE REPLACED WITH TEMPORARY STRIPE BEFORE WORK IS DISCONTINUED FOR THE DAY OR AS SOON THEREAFTER AS WEATHER CONDITIONS WILL PERMIT, EXCEPT THAT:

(1)

REPLACEMENT OF NO-PASSING STRIPES MAY BE DELAYED FOR A PERIOD NOT TO EXCEED THREE (3) DAYS FOR A TWO OR THREE LANE ROAD

(2)

TEMPORARY EDGE LINES ON PROJECTS REQUIRING SHOULDERS CONSTRUCTED OF GRANULAR MATERIAL MAY BE DELAYED FOR A PERIOD NOT TO EXCEED THREE (3) DAYS.
- 26

ALL ASPHALT AND CONCRETE CURBS ALONG RAMPS, LOCAL ROADS, ETC. FROM B.O.P. TO E.O.P.SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS ; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- 27

IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- 28

ALL LOCAL ROADS SHALL BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED BY THE ENGINEER.
- 29

GRANULAR MATERIAL WILL NOT BE ALLOWED TO BE PLACED DIRECTLY ON THE SURFACE LIFT OF ASPHALT, BUT MUST BE PLACED DIRECTLY ON THE GRAVEL SHOULDER OR A ROAD WIDENER MACHINE USED AND APPROVED BY THE PROJECT ENGINEER.
- 30

ALL RAMPS AND DRIVEWAY PADS SHALL BE PAVED TO THE SHOULDER LINE, MINIMUM OR FURTHER, AS DIRECTED BY THE ENGINEER WITHIN THE R.O.W. LIMITS.
- 31

ALL BRIDGE END SLABS SHALL HAVE ASPHALT SURFACE REMOVED PRIOR TO UNDERSEALING.
- 32

SOME WORK IS REQUIRED OUTSIDE OF THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS IN THE PLANS.
- 33

THE ASPHALT PAVING OPERATION SHALL BE COMPLETED IN THE FOLLOWING ORDER:

A:

MILLING

B:

JOINT REPAIR

C:

PRE-LEVELING

D:

SURFACE COURSE

3/11/2022 3:23:41 PM 030 GN-1.DGN

PLAN DIVISION
ROADWAY
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
				REVISION	GENERAL NOTES	
				DATE	PROJ. NO.: NH-0015-01(139) COUNTY: FRANKLIN	
				FILE NAME: _030GN-1.dgn	WORKING NUMBER GN-1	
				DESIGN TEAM _DISTRICT 7 _CHECKED _DATE _	SHEET NUMBER 3	

