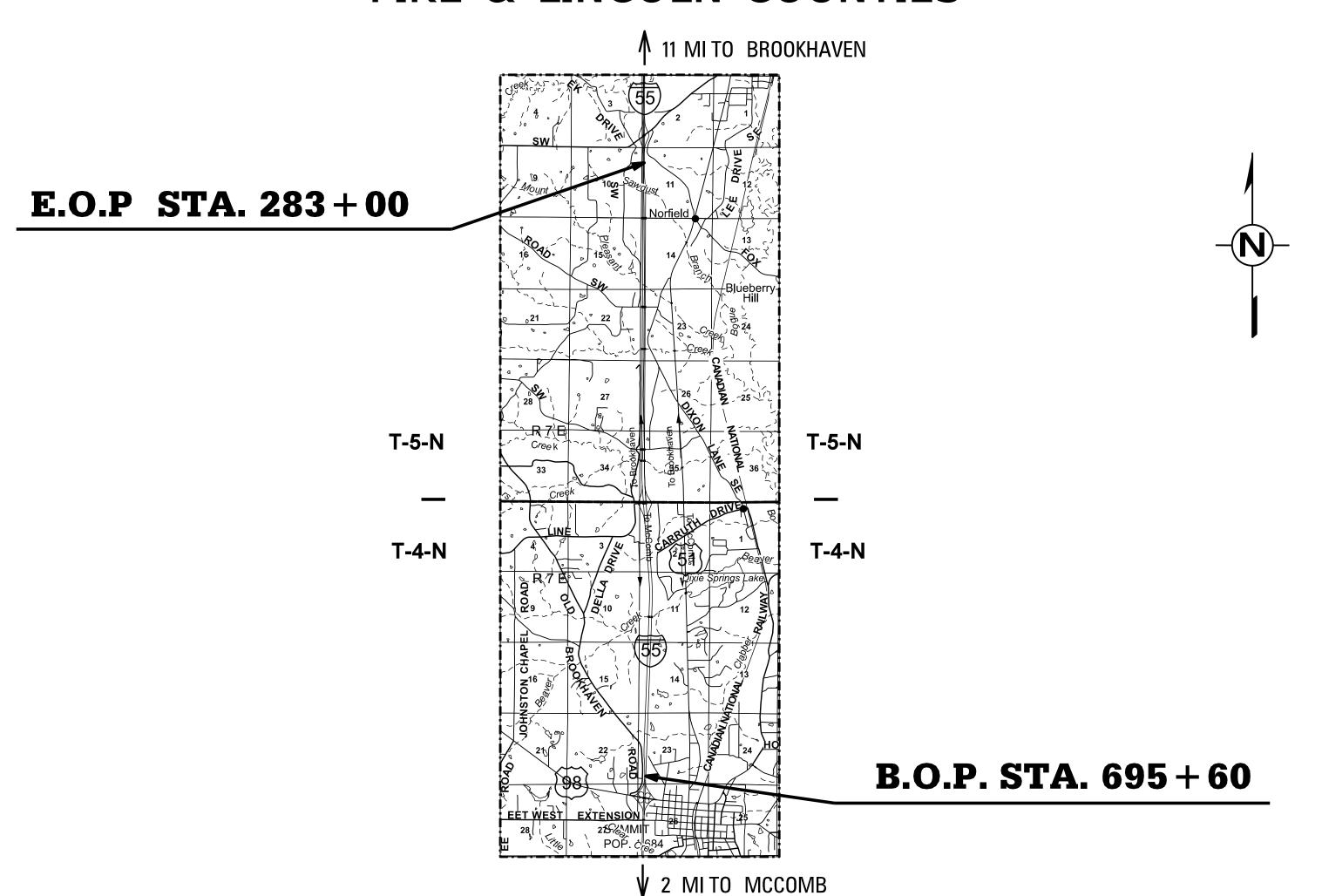
# **GENERAL INDEX INCLUDED BEGIN** THIS PROJECT WITH **SHEET** ROADWAY..... PERMANENT SIGNS......1001 ☐ TRAFFIC SIGNALS......2001 ITS COMPONENTS......3001 LIGHTING......4001 (RESERVED)......5001 ROADWAY STD. DWGS...... 6001 ☐ BOX CULVERT STD. DWGS (LRFD)......7001 BOX CULVERT STD. DWGS (STD. SPEC.)....7501 BRIDGE......8001 CROSS SECTIONS......9001 BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

# STATE OF MISSISSIPPI MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY IM-0055-01(130) FEDERAL AID PROJECT NO. IM-0055-01(131)

I-55 PIKE CO FR US 98W (SUMMIT) TO BRIDGE SOUTH OF BOGUE CHITTO INT PIKE & LINCOLN COUNTIES



1 IN.= 100 FT.

1 IN.= 2,302 FT.

{HOR. 1 IN.= 100 FT. VERT. 1 IN.= 10 FT.

4.69

-10.42

87,074.14

### CONVENTIONAL **SYMBOLS COUNTY LINE** TOWN CORP LINE SECTION LINE \_\_\_\_\_\$\_\_\_\_\_\$\_\_\_\_\_ DEED LINE \_\_\_\_ Q \_\_\_\_\_ Q \_\_\_\_\_ Q \_\_\_ **EXISTING ROADWAY** PROPOSED ROADWAY

RAILROAD

**BRIDGES** 

**EQUATIONS** (LT. LANE) 717+15.58 BK = 717+11.19 AH =

56+01.41 BK = 55+96.21 AH =

LENGTH OF ROADWAY

LENGTH OF PROJECT (NET)

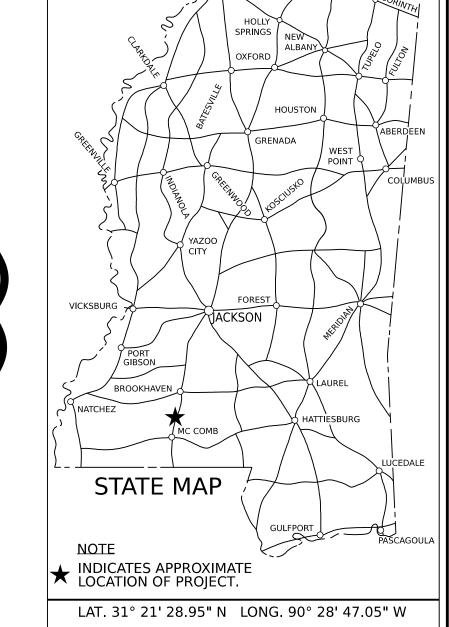
LENGTH OF EXCEPTIONS

LENGTH OF BRIDGES

(RT. LANE) 4.39 844+13.85 BK = 844+09.16 AH = 843+91.52 BK = 844+09.16 AH = -17.64 900+79.53 BK = 29+99.66 AH = 87,079.87 900+95.67 BK = 30+15.81 AH = 87,079.86 55+85.79 BK = 55+96.21 AH =

87,071.81

**EXCEPTIONS** 



## **DESIGN CONTROL**

### PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS WATERS WETLANDS **GENERAL\*** INDIVIDUAL (404)\* STORMWATER PERMIT

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:

#### **DESIGNED BY: DISTRICT 7**

CONSTRUCTION PROJECT DATA				
EXTERNAL PROJECT NUMBER	IM-0055-01(130) IM-0055-01(131)			
FMS & DETAIL	109475/301000 109478/301000			

P S & E DATE:

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

**EXECUTIVE DIRECTOR** 



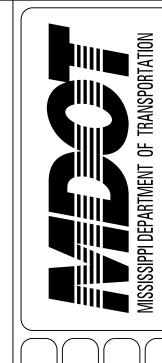
LENGTH DATA (RT LANE) 45,812.00 FT. 8.677 MI. 480.00 FT. .091 MI. 45,332.00 FT. 8.586 MI. LENGTH OF PROJECT (GROSS) 45,812.00 FT. 8.677 MI.

TOTAL NUMBER OF SHEETS (52)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET		1
DETAILED INDEX GENERAL NOTES	DI-1 GN-1	2 3
TYPICAL SECTION SHEETS (2) TYPICAL SECTION: MAINLINE TYPICAL SECTION: RAMPS & COUNTYLINE RD	TS-1 TS-2	4 5
QUANTITY SHEETS (9) SUMMARY OF QUANTITIES ESTIMATED QUANTITIES FOR MILLING, ASPHALT, AND GRANULAR MATERIAL ESTIMATED GUARDRAIL QUANTITIES ESTIMATED QUANTITIES: RANDOM CLEARING ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	SQ-1 SQ-2 SQ-3 SQ-4 SQ-5 EQ-1 EQ-2 EQ-3 TCPQ-1	6 7 8 9 10 11 12 13 14
PLAN PROFILE SHEETS (18)  MAINLINE - BOP STA. 695+60 - STA. 724+00  MAINLINE - STA. 724+00 - STA. 752+00  MAINLINE - STA. 752+00 - STA. 781+00  MAINLINE - STA. 781+00 - STA. 809+00  MAINLINE - STA. 809+00 - STA. 837+00  MAINLINE - STA. 837+00 - STA. 866+00  MAINLINE - STA. 866+00 - STA. 894+00  COUNTY LINE RD - STA. 12+00 - STA. 30+00  MAINLINE - STA. 894+00 - STA. 52+00  MAINLINE - STA. 894+00 - STA. 52+00  MAINLINE - STA. 52+00 -STA. 80+00  MAINLINE - STA. 137+00 - STA. 137+00  MAINLINE - STA. 137+00 - STA. 166+00  MAINLINE - STA. 137+00 - STA. 194+00  MAINLINE - STA. 194+00 - STA. 222+00  MAINLINE - STA. 222+00 - STA. 251+00  MAINLINE - STA. 251+00 - STA. 279+00  MAINLINE - STA. 251+00 - STA. 283+00	3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19	15 16 17 18 19 21 22 23 24 25 27 29 31 32
SPECIAL DESIGN SHEETS (6) DETAIL OF CONSTRUCTION SIGNING PAVING DETAIL AT RAMPS CLEARING LIMITS GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	DCS-1 PDR-1 CL-1 GR-4A-MOD GR-4B-MOD SDTCP-16	33 34 35 36 37 38
STANDARDS DRAWINGS (14) PAVEMENT MARKING DETAIL FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS RUMBLE STRIP DETAIL FOR OGFC OR CONCRETE ROADWAY WITH ASPHALT SHOULDERS GUARDRAIL: "W" BEAM (WOOD POSTS) GUARDRAIL: BRIDGE END SECTIONS TYPE "A" & "C" GUARDRAIL: MISCELLANEOUS HARDWARE TYPICAL GUARDRAIL DELINEATION TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD) TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (WORK DAY ONLY) SHORT DURATION CLOSING OF DIVIDED HIGHWAYS HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS TRAFFIC CONTROL PLAN UNEVEN PAVEMENT DETAILS TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1 RS-3 GR-1 GR-1B GR-2 GR-HW SN-8C TCP-4 TCP-5 TCP-7 TCP-8 TCP-9 TCP-12	6051 6066 6201 6203 6204 6221 6317 6355 6355 6357 6359 6363

	P:	S & E PLANS-DATE			
	FMS CON. # 109475/301000 109478/301000				
REVISIONS					
	DATE	SHEET NO.	BY		





DESIGNED BY:	DETAILED BY:	CHECKED BY.	CILCALD SI.	DATE:	
FMS CON: 109475/301000	ı	PRUJECT NO.: IM-0055-01(131)		COUNTY: LINCOLN	

DETAILED INDEX

SHEET ID
DI-1

SHEET NO.

- (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.
- (1) 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) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (14) 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.
- (15) 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.
- (16) 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.
- (17) 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.
- (18) ALL LOCAL ROADS SHALL BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED BY THE ENGINEER.
- (19) 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.
- (2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING BRIDGE JOINT MATERIAL ON ALL BRIDGES WITHIN THE PROJECT LIMITS FROM DIRECT CONTACT WITH THERMOPLASTIC PAVEMENT MARKING, AND WITH ANY OTHER CONSTRUCTION MATERIALS THAT MIGHT DAMAGE THE BRIDGE JOINTS.
- (21) 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. THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- (2) 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 FORDESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- (2) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (4) 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.

#### GENERAL NOTES (CONT.)

- © CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN
- 26 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.
- (27) 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.
- 28 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.
- ② DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT
- 30 ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (31) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- 32) THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VIII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUMTYPE 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.
- 3 ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- 34 THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.
- 35 TEMPORARY PAVEMENT JOINTS (PAPER JOINTS) SHALL BE EMPLOYED AT ALL LOCATIONS REQUIRING TRAFFIC TO TRAVERSE AN UNEVEN PAVEMENT JOINT. PAPER JOINTS SHALL BE A MINIMUM OF OF 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.
- 36 NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.
- (37) 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.
- 38 THE ASPHALT PAVING OPERATION SHALL BE COMPLETED IN THE FOLLOWING ORDER A: MILLING **B: SURFACE COURSE**



Q ED. CHECKI DATE:

COUNTY:

SHEET NO. 3