GENERAL INDEX						
INCLUDED BEGI THIS WITH PROJECT SHEE						
X	ROADWAY	1				
	PERMANENT SIGNS	1001				
	TRAFFIC SIGNALS	2001				
	ITS COMPONENTS	3001				
	LIGHTING	4001				
	(RESERVED)	5001				
X	ROADWAY STD. DWGS	6001				
	BOX CULVERT STD. DWGS (LRFD)	7001				
	BOX CULVERT STD. DWGS (STD. SPE	EC.)7501				
	BRIDGE	8001				
X	CROSS SECTIONS	9001				

1st O. REV.

STATE OF MISSISSIPPI MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. STBG-0009-02(082)

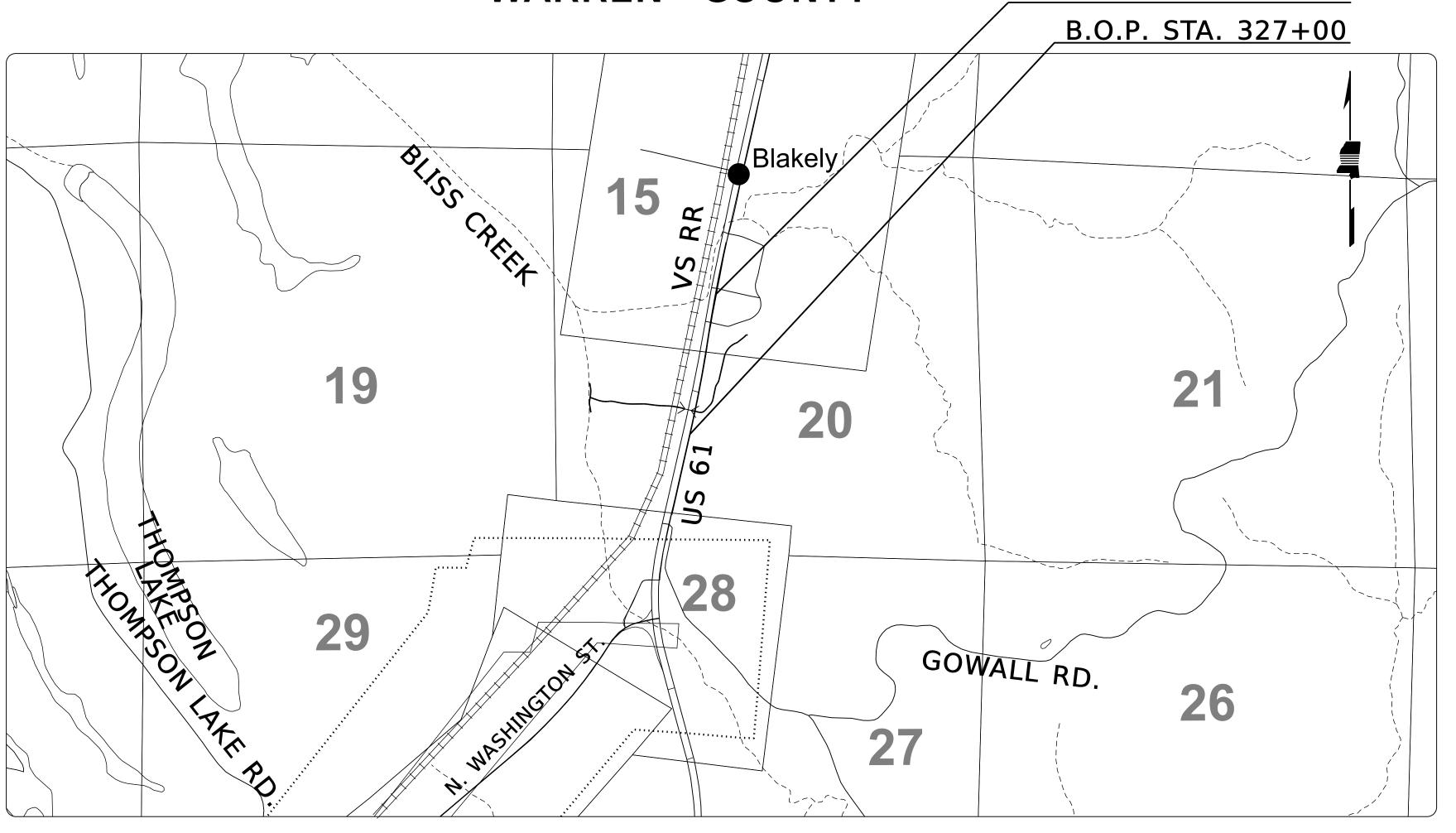
> US 61 DRAINAGE IMPROVEMENTS WARREN COUNTY

E.O.P. STA. 345+00

INDICATES APPROXIMATE LOCATION OF PROJECT.

BRIDGE STRUCTURES REQ'D. NONE

BOX BRIDGES REQ'D. NONE



1 IN.= 100 FT.

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

# **SYMBOLS** COUNTY LINE TOWN CORP LINE SECTION LINE DEED LINE EXISTING ROADWAY PROPOSED ROADWAY RAILROAD

CONVENTIONAL

LENGTH DATA LENGTH OF ROADWAY 1800 FT. 0.34 MI. 0 FT. 0 MI. LENGTH OF BRIDGES LENGTH OF PROJECT (NET) 1800 FT. 0.34 MI. LENGTH OF EXCEPTIONS FT. 0 MI. LENGTH OF PROJECT (GROSS) 1800 FT. 0.34 MI. **EXCEPTIONS** 

NONE

### DESIGNED BY: VOLKERT, INC.

GENERAL\*

INDIVIDUAL (404)\*

APPROVED BY:

CONSTRUCTION	PROJECT DATA
EXTERNAL PROJECT NUMBER	STBG-0009-02(082)
FMS & DETAIL	108092 / 301000

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

STATE MAP

(APPROX. MIDDLE OF PROJECT)

**DESIGN CONTROL** 

PERMITS ACQUIRED

BY MDOT

STORMWATER PERMIT Y

REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA=5 ACRES)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

WATERS WETLANDS

P S & E DATE: 8/7/2024

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

**EXECUTIVE DIRECTOR** 

**BRIDGES** 

**EQUATIONS** 

NONE

09/17/2024 W
--------------

	MISSISSIPPI DEPARTIMENT OF TRANSPORTATION
--	---

BY: BY:
---------

<u>-</u>	BY:	BY:	
IGNED	LED	(ED	
באום	ETAILED	CHECKED	
ر <b>د</b>		0	
	11		

PROJECT NO.: STBG-0009-02(082)
COUNTY: WARREN

FMS CON: 108092/301000

SHEET ID **REV-1** SHEET NO. **1.1** 

SUMMARY OF REVISIONS						
DATE	1st ORDER	ADDENDUM	2nd ORDER	BY	WK. NO.	DESCRIPTION
9/17/24	X			MM	DI-1	ADDED REV-1
9/17/24	X			MM	DI-2	REVISE SHEET TOTAL
9/17/24	X			MM	SQS-1	REVISED QUANTITIES
9/17/24	X			MM	SQS-2	REVISED QUANTITIES
9/17/24	X			MM	EQ-1	REVISED RIPRAP QUANTIITY
9/17/24	X			MM	EQ-2	REVISED DRAINAGE AND DRIVEWAY QUANTITIES
9/17/24	X			MM	WK-3	ADDED ROW LABELS
9/17/24	X			MM	WK-4	ADDED ROW LABELS
9/17/24	X			MM	WK-5	ADDED ROW LABELS AND DRIVE AT 328+75 RT
9/17/24	X			MM	WK-6	ADDED ROW LABELS
9/17/24	X			MM	WK-7	ADDED DRIVE AT 328+75 RT
9/17/24	X			MM	ECP-5	ADDED DRIVE AT 328+75 RT
9/17/24	X			MM	9020	REVISED TO ADD CROSS SECTION 328+75

DESCRIPTION OF SHEET	WORKING NO.	SHEET NO.	DESCRIPTION OF SHEET	WORKING NO.	SHEET NO.
TITLE SHEET		1	EROSION CONTROL PLAN	ECP-3	24
↑ SUMMARY OF REVISIONS	REV-1	1.1	EROSION CONTROL PLAN	ECP-4	25
ZIX COMMUNICATION TREVIOLOGY		1.1	EROSION CONTROL PLAN	ECP-5	26
DETAILED INDEX AND GENERAL NOTES (3)			EROSION CONTROL PLAN	ECP-6	27
BETTHEED HABERTHAD CENTER (ACTION ECO)			DRAINAGE DETAILS	DD-1	28
DETAILED INDEX	DI-1	2	DRAINAGE DETAILS	DD-2	29
DETAILED INDEX	DI-2	3	DRAINAGE DETAILS	DD-3	30
GENERAL NOTES	GN-1	4	MISCELLANEOUS DETAILS	MD-1	31
CENEI VIE 1401 EC		7	MISCELLANEOUS DETAILS	MD-2	32
TYPICAL SECTIONS (3)			WIIGGELL/ (I VEGGG BE 17 (IEG	WID Z	02
111 107 (E CECTICIAC (C)			STANDARD DRAWING SHEETS (51)		
EAST CHANNEL	TS-1	5	OTTHER WILL DIVINIO OF ILLETO (OT)		
BASIN AND WEIR	TS-2	6	PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE	PM-1	6051
US 61	TS-3	7	TYPICAL TEMP. EROSION CONTROL	ECD-1	6101
	100	•	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
QUANTITY SHEETS (5)			DETAILS OF SEDIMENT BARRIER, IT EIGHTION	ECD-3	6103
QUALITATION (U)			DITCH CHECK STRUCTURES	ECD-4	6104
SUMMARY OF QUANTITIES	SQ-1	8	SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	6105
SUMMARY OF QUANTITIES	SQ-2	9	WATTLE DITCH CHECKS	ECD-6	6106
ESTIMATED QUANTITIES	EQ-1	10	SILT DIKE DITCH CHECKS	ECD-7	6107
ESTIMATED QUANTITIES  ESTIMATED QUANTITIES	EQ-2	11	ROCK DITCH CHECK	ECD-8	6108
SUMMARY OF TRAFFIC CONTROL SIGNS	TCPQ-1	12	ROCK FILTER DAM	ECD-9	6109
	101 & 1	12	ROCK DITCH CHECK WITH SUMP	ECD-10	6110
PLAN & PROFILE SHEETS (5)			TYPICAL APPLICATIONS FOR INLET CONSTRUCTION	ECD-11	6111
<u> </u>			INLET PROTECTION DETAILS FOR SEDIMENT CONTROL	ECD-12	6112
WEST CHANNEL	WK-3	13	INLET PROTECTION OF WATTLES	ECD-13	6113
EAST CHANNEL	WK-4	14	INLET PROTECTION DEVICE	ECD-14	6114
US 61	WK-5	15	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
US 61	WK-6	16	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
RIGHT OF WAY PLAN	WK-7	17	TEMPORARY STREAM DIVERSION	ECD-18	6118
			TEMPORARY STREAM DIVERSION (BOX EXTENSIONS	ECD-19	6119
TRAFFIC CONTROL SHEETS (4)			FLOATING TURBIDITY CURTAIN	ECD-20	6120
			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
DETAIL OF CONSTRUCTION SIGNING	DCS-1	18	SEDIMENT RETENTION BARRIER	ECD-22	6122
TRAFFIC CONTROL PLAN	TCP-1	19	DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
TRAFFIC CONTROL PLAN	TCP-2	20	DITCH TREATMENT FOR SOIL REINFORCING MAT	DT-1A	6124
TRAFFIC CONTROL PLAN	TCP-3	21	EROSION CONTROL BLANKET	ECB-1	6131
	101 0	21	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE	TCP-1	6351
MISCELLANEOUS DETAIL SHEETS (11)			CLOSURE OF TWO-WAY TRAFFIC)	101 1	0001
······································			TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR	TCP-5	6355
VEGETATION SCHEDULE	VS-1	22	70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HWY.)	101-0	3300
RIGHT OF WAY MARKERS AND EASEMENT COORDINATES	ROW-COR	23	(MEDIAN OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		
TACITI OI VVIATIVII ATALIAO IMAD LAOLIVILIVII OOONDIIVATLO		20	(IVILDIANA ON OUTOIDE LANAL OLOGONE) (VVOINN DAT ONET)		

ENGINEER

19990
09/17/2024

AISSISSIPPI DEPARTMENT OF TRANSPORTATION

STBG-0009-02(082)

CHECKED BY:

FMS CON: 108092/301000

COUNTY: WARREN

TAILED INDEX

SHEET ID DI-1

SHEET NO. 2

STORM SEWER STRUCTURE, PRECAST MANHOLE

FLARED END SECTION FOR CONCRETE ARCH PIPE

FLARED END SECTION FOR CONCRETE PIPE

DESCRIPTION OF SHEET	WORKING NO.	SHEET NO.	DESCRIPTION OF SHEET
HIGHWAY SIGN AND BARRICADE DETAILS	TCP-8	6358	CROSS SECTIONS (30)
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTI LANE	TCP-9	6359	
LOCATION OF R16-3 SIGNS	TCP-15	6365	WEST CHANNEL
TRAFFIC CONTROL DRUM PLACEMENT AND SHLDR. CLOSURE	TCP-16	6366	EAST CHANNEL
RIGHT - OF - WAY MARKER	RW-1	6401	US 61 RT
RURAL DRIVEWAYS	RD-1	6403	
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	GT-1	6404	
DRIVEWAYS, CURB & GUTTER, SIDEWALK	SD-1	6419	TOTAL SHEETS (114)
DRIVEWAYS, INTEGRAL CURB, SIDEWALK	SD-2	6420	
MISCELLANEOUS DETAIL SHEET	MDS-1	6425	
DETAILS OF PAVED FLUMES	PF-1	6426	
PIPE CULVERT INSTALLATION	PI-1	6501	
CONCRETE PIPE COLLAR	PC-1	6503	
JUNCTION BOX FOR PIPE CULVERTS	JB-1	6504	
TYPE I MEDIAN INLET (24" PIPE AND UNDER	MI-1	6508	
TYPE I MEDIAN INLET (29" TO 51" PIPE)	MI-1A	6509	
DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	6516	
STORM SEWER INLET - TYPE SS-1	SS-1	6521	
STORM SEWER INLET - TYPE SS-1B	SS-1B	6523	
STORM SEWER INLET - TYPE SS-2	SS-2	6524	
DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVER	T B-9	6527	

FE-1A

6531

**WORKING** 

<u>SHEET</u>

<u>NO.</u>

9001-9008

9009-9019

9020-9030

SHEET NO.

(2) THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE

(3) 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

(4) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.

(5) 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.

#### **EARTHWORK**

(6) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

(7) 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.

(8) 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.

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

(10) 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

# **ENVIRONMENTAL & CLEARING**

(11) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.

## **EROSION CONTROL - TEMPORARY**

(12) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

(13) 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.

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

#### PAVEMENT, BASE, AND SHOULDERS

(15) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PAVED OR UNPAVED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF *THE* MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

# **PLANS**

(16) 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'D)

(17) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO <u>WWW.MDOT.MS.GOV</u> 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

#### TRAFFIC CONTROL - TEMPORARY

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

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

(20) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL

(21) 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.

(22) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

(23) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

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

#### UTILITIES

(25) 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.

(26) LIST OF PUBLIC UTILITIES

A. TELEPAK DBA C SPIRE FIBER

B. CENTRAL STATES WATER SOUTH

C. CULKIN WATER DIST

D. ATMOS ENERGY JACKSON

E. GULF SOUTH PIPELINE JACKSON - BOARDWALK

F. A T & T DISTRIBUTION

G. SOUTHERN NATURAL GAS ONWARD - KINDER MORGAN

H. ENTERGY MS FIBER

I. VICKSBURG VIDEO INC

# MISCELLANEOUS

(27) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

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

(29) 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.

(30) THE CONTRACTOR SHALL CONSTRUCT AN AIR BRIDGE, AS SHOWN IN THE DETAILS (MD-2), WHEN CROSSING A GAS LINE. LOCATIONS SHALL BE COORDINATED WITH THE GAS PROVIDER. AIR BRIDGE COST TO BE ABSORBED IN PAY ITEM 907-899-A001.

02(082) -6000 PROJECT

SHEET ID GN-1

SHEET NO.