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CROSS SECTIONS 9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. HSIP-0070-05(028)

US 278 J-TURNS @ ROCKY FORD RD AND MS 345
PONTOTOC COUNTY

FMS: 107520-301000

SITE 1 (ROCKY FORD RD.)

PLAN
SCALES

SITE 2 (MS 345)

PLAN
ROCKY FORD RD.)

PROPER | Wart 1 IN = 100 PT. | B.O.P. STA 822 + 50 |

LAYOUT VERT 1 IN = 200 PT. | ROCKY 1 IN = 200 PT. |

COPER MCCOMES COMMENTS OF MISSISSION OF MISS

CONVENTIONAL SYMBOLS

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

EQUATIONS NONE

EXCEPTIONS NONE

LENGTH DATA (SITE 1)

Ø.625 MI.

0.000 MI.

Ø.625 MI.

0.000 MI.

Ø.625 MI.

LENGTH OF ROADWAY	3300.000	FT.	
LENGTH OF BRIDGES	0.000	FT.	_
LENGTH OF PROJECT (NET)			
LENGTH OF EXCEPTIONS	0.000	FT.	_
LENGTH OF PROJECT (GROSS)			

(:	SITE	2)	
aaa	ГТ	a	CE

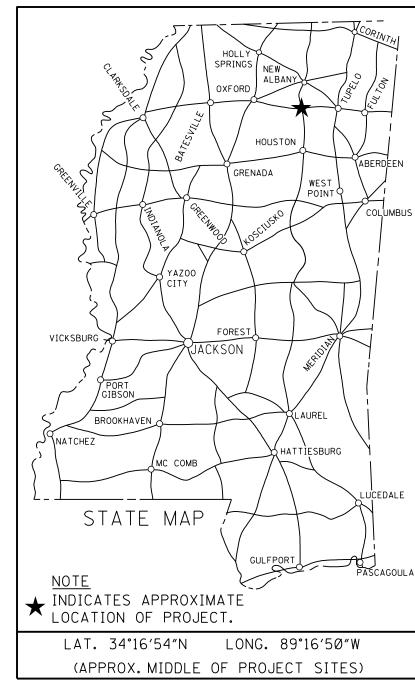
3450.000 FT.	Ø.653 MI.
0.000 FT.	Ø•ØØØ MI.
	ؕ653 MI.
0.000 FT	MI
	Ø.653 MI.

(TOTALS)

6750.000 FT.	1.278 MI.
0.000 FT.	Ø.000 MI.
	1.278 MI.
0.000 FT.	Ø.ØØØ MI.
	1.278 MI.

STATE PROJECT NUMBER SHEET NO.

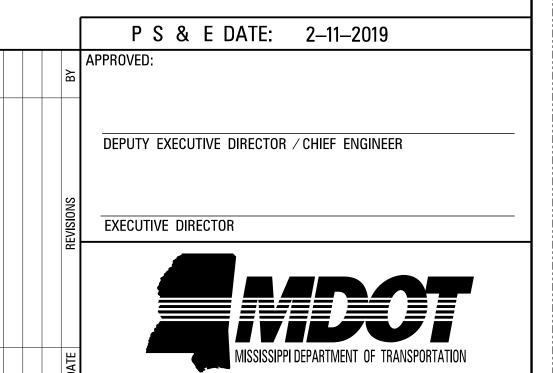
MISSISSIPPI HSIP-0070-05(028) 1



SITE #	1
	DESIGN CONTROL
65_	$_{\rm MPH} = V \text{ (SPEED DESIGN)}$
ADT (<u>2</u>	<u>019</u>) = <u>9800</u> : ADT (<u>2039</u>) = <u>18000</u>
DHV =_	<u>2000</u> : D = <u>60 %</u> T= <u>12 %</u>

SIIE # 2
DESIGN CONTROL
$_{-65}$ MPH = V (SPEED DESIGN)
ADT (<u>2019</u>) = <u>14000</u> : ADT (<u>2039</u>) = <u>25000</u>
DHV

PERMITS ACQL	JIRED BY I	MDOT		
WETLANDS AND WATERS PERMITS				
	WATERS	WETLANDS		
NATIONWIDE #14	N	N		
NATIONWIDE (OTHER)*	N	N		
GENERAL*	N	N		
INDIVIDUAL (404)*	N	N		
STORMWATER	PERMIT	Υ		
Y REQUIRED, CNOI SU (DISTURBED A	IBMITTED BY M AREA = 5 ACRES	DOT)		
S REQUIRED, SCNOIT CONTRACTOR (O BE SUBMITTE 1 TO 4.99 ACRE	ED BY S)		
N NO STORMWATER PER	MIT REQUIRED	(<1 ACRE)		



ID-1

ID-2

ID-3

ID-4

ID-4A

ID-5

ID-6

ID-7

ID-8

ID-9

ID-10

ID-10A

ID-10B

ID-11

ID-12

ID-13

FG-1

FG-2

FG-3

FG-4

FG-4A

FG-5

FG-6

FG-7

FG-8

FG-9

FG-10

FG-10A

FG-10B

FG-11

FG-12

FG-13

PMD-1

PMD-2

PMD-3

PMD-4

PMD-5

PMD-6

PMD-6A

PMD-7

PMD-8

DESIGN TEAM <u>VOLKERT</u> CHECKED_

WKG. NO. SHEET NO.

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PROJECT NO. STATE HSIP-0070-05(028)

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FORM GRADES- A FORM G	I-TURN II I-TURN	J.S. 278 @	ROOR ROOM MS MS MS MS MS	CKY CKY CKY CKY 345 345 345 345 345 345 345	FORD F FORD F FORD F FORD F	RD. RD. RD. RD. RD.
PROFESSION AND STREET OF S		S & E PLANS-DA ON. # 107520-301 REVISIONS SHEET NO. 18-20,22,71-78-79,99	000	1-19 BY VOLKERT		

DESCRIPTION OF SHEET

INTERSECTION DETAIL SHEETS (16)

INTERSECTION DETAILS- J-TURN US 278 @ ROCKY FORD RD.

INTERSECTION DETAILS- J-TURN US 278 @ ROCKY FORD RD.

INTERSECTION DETAILS- J-TURN US 278 @ ROCKY FORD RD.

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INTERSECTION DETAILS- J-TURN US 278 @ ROCKY FORD RD.

INTERSECTION DETAILS- J-TURN US 278 @ ROCKY FORD RD.

	P:	S & E PLANS-DATE 2-:	11-19
	FMS C	ON. # 107520-301000	
		REVISIONS	
	DATE	SHEET NO.	BY
\triangle	4-5-19	18-2 0, 22,71-76, 78-79,99	VOLKERT

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	KERT 3Y	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
++++	70L	DETAILED INDEX
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	NOISI.	

COUNTY: PONTOTOC WORKING NUMBER DI-1 PROJ. NUM.: HSIP-ØØ7Ø-Ø5(Ø28) SHEET NUMBER FILENAME: <u>DI_INDEX.DGN</u>

WKG. NO. SHEET NO.

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OF TRANSPORTATION |------| DETAILED INDEX SHEET 2

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TRAFFIC CONTROL- J-TURN US 278 & MS 345 PHASE 3B

TRAFFIC CONTROL- J-TURN US 278 & MS 345 PHASE 3B

EROSION CONTROL PROFILE- US 278 & MS 345

EROSION CONTROL SHEETS (4)

DESCRIPTION OF SHEET

COUNTY: PONTOTOC PROJ. NUM.: HSIP-ØØ7Ø-Ø5(Ø28)

working number DI-2 SHEET NUMBER FILENAME: DI_INDEX.DGN DESIGN TEAM <u>VOLKERT</u> CHECKED_

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	CN 6D	6312
BREAKAWAY SIGN SUPPORTS SIGN FACE CONST. AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL	SN-6B	0312
SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	SN-7	6313
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE	• • • • • • • • • • • • • • • • • • • •	
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(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR	TCD 4	6254
OUTSIDE LANE CLOSURES)(EXTENDED PERIOD) TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH	TCP-4	6354
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR		
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CROSS SECTIONS ROCKY FORD CROSS ROAD SOUTH	9037
CROSS SECTIONS ROCKY FORD CROSS ROAD NORTH	9038
CROSS SECTIONS MS 345 CROSS ROAD	9039
CROSS SECTIONS MS 345 CROSS ROAD	9040
CROSS SECTIONS MS 345 CROSS ROAD	9041
CROSS SECTIONS MS 345 CROSS ROAD	9042
TOTAL SHEETS (246)	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX SHEET 3

COUNTY: PONTOTOC

DESIGN TEAM <u>VOLKERT</u> CHECKED_

PROJ. NUM.: HSIP-ØØ7Ø-Ø5(Ø28) FILENAME: DI_INDEX.DGN

SHEET NUMBER

WORKING NUMBER DI-3

PROJECT NO.

HSIP-0070-05(028)

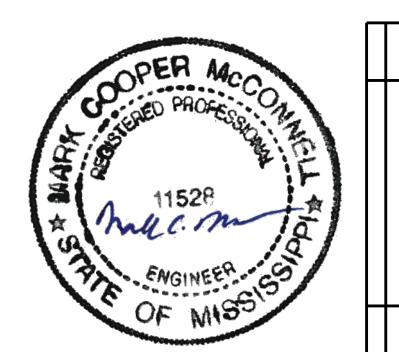
STATE

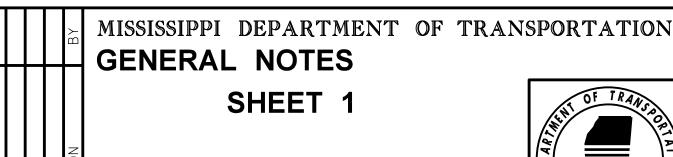
GENERAL NOTES

- (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) 20 % SHRINKAGE FACTOR USED IN THE GRANULAR MATERIAL AND CRUSHED STONE CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (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.
- (6) 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 ITEMS BID.
- (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) 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.
- (10) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (11) 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.
- (12) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (13) 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.
- (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. REMOVAL OF SIGNS SHOWN ON THE PLANS AS BEING REMOVED ARE NOT TO BE CONSIDERED A COMPLETE LIST OF SIGNS THAT MAY REQUIRE REMOVAL ON THIS PROJECT.

GENERAL NOTES (CONT.)

- (16) EXISTING SPECIFIC SERVICE (LOGO) SIGNS ARE TO REMAIN IN PLACE UNLESS NOTED IN THE PLANS OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. LOGO SIGNS THAT REQUIRE RELOCATION OR REMOVALS WILL BE DONE SO BY MISSISSIPPI LOGOS. INC. (601-853-7100). MISSISSIPPI LOGOS SHALL BE NOTIFIED IF THERE ARE ANY CHANGES TO AN INTERCHANGE RAMP. DESIGNATION OR CONFIGURATION.
- (17) 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.
- (18) 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
- (19) PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 6" 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.
- (20) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER
- (21) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (22) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (23) 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.
- (24) 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.
- (25) PAVED APRONS WILL BE REQUIRED AROUND ALL MEDIAN INLETS PER MDOT STANDARD DRAWING PA-1, UNLESS OTHERWISE NOTED IN THE PLANS.
- (26) 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.





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- (27) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (28) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (29) 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.
- (30) 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.
- (31) MDOTS TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED UPON SUBSTANTIAL COMPLETION OF THE PROJECT IN ORDER TO EVALUATE THE SPEED LIMIT VALUES AND THE LIMITS OF THE SPEED ZONES PRIOR TO THE FABRICATION AND INSTALLATION OF ANY SPEED LIMIT SIGNS.

AT&T

662-489-4321 OFFICE

(32) LIST OF PUBLIC UTILITIES

PONTOTOC EPA

NATHAN WHITE RONNIE PITTS

662-489-3211 OFFICE 662-841-1186 OFFICE 662-760-7930 CELL 662-401-1076 CELL

THE CITY OF PONTOTOC (GAS) THE CITY OF PONTOTOC (WATER)

SAM JORDAN TIM ROBERTS

662-419-5132 CELL 662-489-9718 CELL

CSPIRE MAXX SOUTH

DAVE DICKERSON JAMIE COPELIN 769-798-2319 CELL

662-210-7202 CELL

662-720-4477 OFFICE

662-489-1722 OFFICE

(33) UTILITIES ON THE DRAWINGS ARE SOWN 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 WITHING 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.





SHEET 2

COUNTY: PONTOTOC PROJ. NUM.: HSIP-ØØ7Ø-Ø5(Ø28)

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