

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-9354-00(002)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

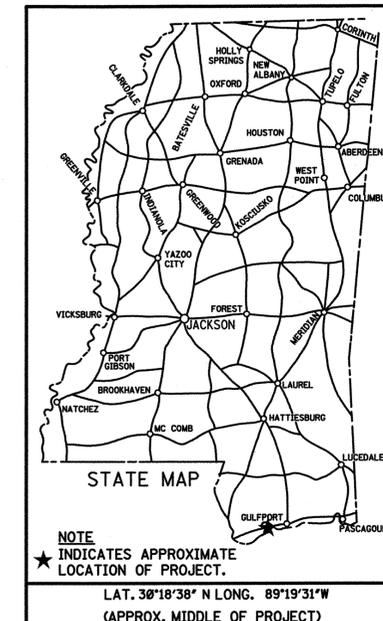
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-9354-00(002)

①12-14-07

SOUTH BEACH BLVD. FROM 300' SOUTH OF WASHINGTON ST.
TO HIGHWAY 90
BAY ST. LOUIS, MS
HANCOCK COUNTY

104637/301000 FMS CON.

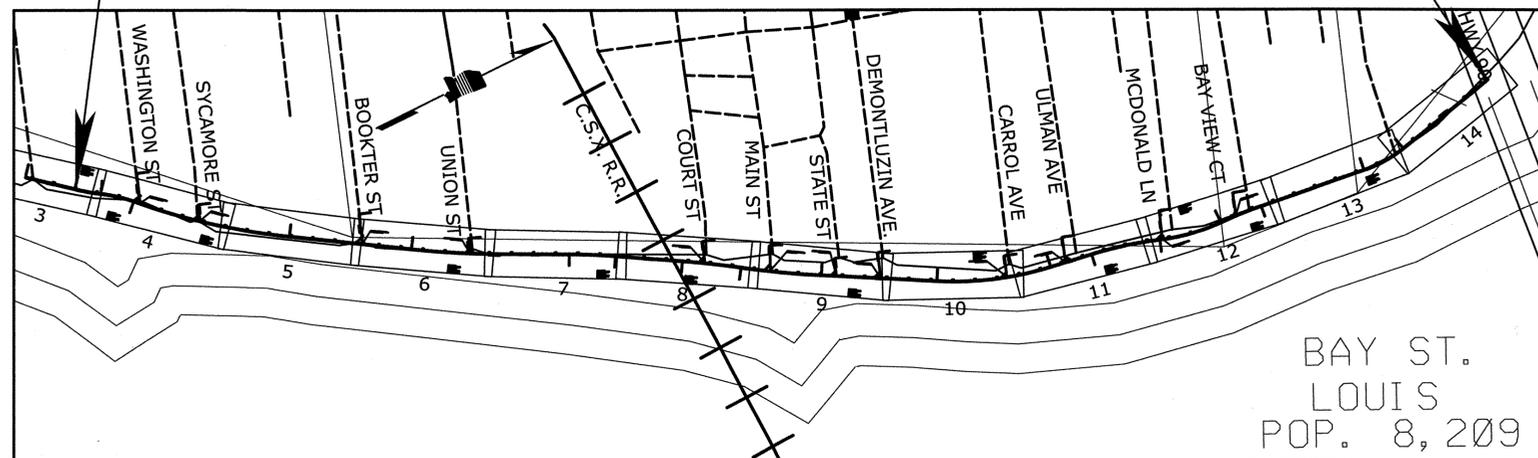
SCALES
PLAN 1 IN. = 20 FT.
PROFILE { HOR. 1 IN. = 20 FT.
VERT. 1 IN. = 5 FT.
LAYOUT 1 IN. = 400 FT.



BRIDGE STRUCTURES REQ'D.
NONE

B.O.P. STA. 400 + 00.00

E.O.P. STA. 466 + 33.005



BOX BRIDGES REQ'D.
NONE

DESIGN CONTROL

35 MPH = V (SPEED DESIGN)

ADT (2008) = 5,300 ; ADT (2028) = 7,400
DHV = 810 ; D = 55 % T = 3 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	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"/>

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES) (NTB 6484)

S REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 8-16-07

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

LENGTH OF ROADWAY	6633.005 FT.	1.256 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		1.256 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		1.256 MI.

TITLE ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/10/2007 11:08:15 TITLE.DGN

125

APPROVED:	<i>Kenny Lee James</i>	8-16-07
CHIEF ENGINEER		DATE
APPROVED:	<i>Samuel R. Brown</i>	8-16-07
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET

TITLE SHEET (1)

WKG. NO.	SH. NO.
	1

DETAILED INDEX & GENERAL NOTES (3)

DETAILED INDEX
DETAILED INDEX
GENERAL NOTES

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DI-2	3
GN-1	4

TYPICAL SECTION SHEETS (6)

TYPICAL SECTION - BEACH BLVD (STA.400+00 to STA.418+00)
TYPICAL SECTION - BEACH BLVD (STA.418+00 to STA.428+50)
TYPICAL SECTION - BEACH BLVD (STA.428+50 to STA.436+50)
TYPICAL SECTION - BEACH BLVD (STA.436+50 to STA.453+40)
TYPICAL SECTION - BEACH BLVD (STA.453+40 to STA.466+00)
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SUMMARY OF QUANTITIES
SUMMARY OF QUANTITIES
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ESTIMATED QUANTITIES (PERMANENT PAVEMENT MARKINGS & EROSION CONTROL)
ESTIMATED QUANTITIES (TRAFFIC CONTROL SIGNS)
ESTIMATED QUANTITIES (TRAFFIC CONTROL ITEMS)
ESTIMATED QUANTITIES (REMOVAL ITEMS)
ESTIMATED QUANTITIES (EARTHWORK)
ESTIMATED QUANTITIES (CURB & GUTTER, SIDEWALK, & SIDE DRAINS)
ESTIMATED QUANTITIES (DRIVEWAYS)
ESTIMATED QUANTITIES (JUNCTION BOXES)
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BEACH BLVD - STA.401+00 TO STA.407+00
WASHINGTON STREET - STA.10+00 TO STA.11+32.947
SYCAMORE STREET - STA.10+00 TO STA.10+72.758
BEACH BLVD - STA.407+00 TO STA.413+00
BEACH BLVD - STA.413+00 TO STA.419+00
BOOKTER STREET - STA.10+00 TO STA.11+36.509
UNION STREET - STA.10+00 TO STA.10+65.747
BEACH BLVD - STA.419+00 TO STA.425+00
BEACH BLVD - STA.425+00 TO STA.431+00
COURT STREET - STA.10+00 TO STA.10+96.831
BEACH BLVD - STA.431+00 TO STA.437+00
MAIN STREET - STA.10+00 TO STA.11+15.561
STATE STREET - STA.10+00 TO STA.10+77.797
DEMONTLUZIN AVE - STA.10+00 TO STA.11+15.316
BEACH BLVD - STA.437+00 TO STA.443+00
CARROL AVE - STA.10+00 TO STA.10+96.491
BEACH BLVD - STA.443+00 TO STA.449+00
ULMAN AVE - STA.10+00 TO STA.11+13.052
BEACH BLVD - STA.449+00 TO STA.455+00
McDONALD LANE - STA.10+00 TO STA.11+11.153
BAY VIEW CT - STA.10+00 TO STA.11+02.244
BEACH BLVD - STA.455+00 TO STA.461+00
BEACH BLVD - STA.461+00 TO E.O.P.

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INTERSECTION DETAIL - SOUTH BEACH BLVD @ UNION ST.
INTERSECTION DETAIL - SOUTH BEACH BLVD
INTERSECTION DETAIL - SOUTH BEACH BLVD @ COURT ST. & MAIN ST.
INTERSECTION DETAIL - SOUTH BEACH BLVD @ STATE ST. & DEMONTLUZIN AVE
INTERSECTION DETAIL - SOUTH BEACH BLVD @ CARROL AVE & ULMAN AVE
INTERSECTION DETAIL - SOUTH BEACH BLVD @ McDONALD LANE & BAY VIEW CT.
INTERSECTION DETAIL - SOUTH BEACH BLVD @ HWY 90

WKG. NO.	SH. NO.
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 ▲ TRAFFIC CONTROL WORK ZONE PHASE I, II, III, IV, V DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 1 (STA. 427+40 TO STA. 433+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 1 (STA. 433+40 TO STA. 439+60) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 2 (STA. 427+40 TO STA. 433+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 2 (STA. 433+40 TO STA. 439+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 2 (STA. 439+40 TO STA. 445+60) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 2 (STA. 445+60 TO STA. 455+80) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 3 (STA. 439+40 TO STA. 443+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 3 (STA. 443+40 TO STA. 449+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 3 (STA. 449+40 TO STA. 455+60) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 3 (STA. 412+60 TO STA. 419+00) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 3 (STA. 419+00 TO STA. 427+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 4 (STA. 412+80 TO STA. 419+00) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 4 (STA. 419+00 TO STA. 427+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 4 (STA. 400+00 TO STA. 406+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 4 (STA. 406+40 TO STA. 414+00) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 4 (STA. 400+00 TO STA. 406+40) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 4 (STA. 406+40 TO STA. 412+80) DELETED
 ▲ TRAFFIC CONTROL DETAILS - PHASE 5 (STA. 455+00 TO E.O.P.) DELETED
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▲ TRAFFIC CONTROL SIGNING
 ▲ TRAFFIC CONTROL SIGNING

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PAVEMENT MARKING DETAILS STA. 412+60 TO STA. 425+20
PAVEMENT MARKING DETAILS STA. 425+20 TO STA. 434+00
PAVEMENT MARKING DETAILS STA. 434+00 TO STA. 446+80
PAVEMENT MARKING DETAILS STA. 446+80 TO STA. 458+60
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FORM GRADES (SOUTH BEACH BLVD. @ BAYVIEW CT.)

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VEGETATION SCHEDULE
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LANDSCAPING PLANS
LANDSCAPING PLANS

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NEEL-SCHAFFER

FS & E PLANS-DATE..... 12-14-07		
FMS CON. # 104637/301000		
REVISIONS		
DATE	SHEET NO.	BY
1-15-08	2, 6, 11, 12, 13, 21, 22, 24	SDS
	25, 29, 34, 35, 36, 39, 40, 55 58, 62, 64-83, 83.1, 83.2	
6-3-08	4, 11, & 13	ATM
6-26-08	12 & 13	ATM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		124	
DETAILED INDEX			
(Roadway)			
Project No.: ER-9354-00(002)		WORKING NUMBER	
County: Hancock		DI-1	
FILENAME: INDEX.DGN	SHEET NUMBER		
DESIGN TEAM	CHECKED	DATE	2

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.			
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8/10/2007 11:00:43 INDEX.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
(Roadway)			
Project No.: ER-9354-00(002)			WORKING NUMBER
County: Hancock			DI-2
FILENAME: INDEX.DGN	SHEET NUMBER		3
DESIGN TEAM	CHECKED	DATE	

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. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. WIRE FENCE WILL BE REQUIRED FOR ALL SILT FENCE (SEE WK. SH. NO. TEC-1).
4. 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 SHOULD 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 DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
5. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO FABRICATION.
6. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT ANY SIGNS WHICH MAY BE REQUIRED IN ISLANDS CAN BE LOCATED.
7. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
8. ALL OBSTRUCTIONS THAT CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE (ABSORBED ITEM).
9. ROADWAY SIGNS IN CONFLICT WITH CONSTRUCTION WILL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. COST TO BE ABSORBED IN OTHER BID ITEMS.
10. EXISTING TOPSOIL TO BE STRIPPED AND STOCKPILED. AFTER GRADING OPERATIONS ARE COMPLETE, STOCKPILED TOPSOIL IS TO BE PLACED ON SLOPES AND IN MEDIAN AREAS. ALL COST ASSOCIATED WITH STRIPPING, STOCKPILING, AND PLACEMENT OF THIS MATERIAL SHALL BE INCLUDED IN THE PRICE OF ITEMS BID.
11. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 L.F. OF DITCH, 8 BALES PER INLET AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. SH. NO. TEC-1 FOR DETAILS)
12. 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.
13. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THE INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES LOCATED IN ADVANCE OF CONSTRUCTION.
14. FOR LIST OF PUBLIC UTILITIES, SEE WK. SH. NO. 3.
15. 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 THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE 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 STRUCTURE ADJACENT TO THE 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.
16. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
17. IF ANY CONCRETE WORK OR REPAIRS ARE REQUIRED ON EXISTING SEAWALL THEY WILL BE PAID FOR UNDER EXISTING PAY ITEMS.
18. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION)
19. A CSX RAILROAD FLAGMAN SHALL BE REQUIRED AT THE SITE OF ANY WORK BEING COMPLETED WITHIN 50 FEET OF THE RAILROAD RAIL BY FORCES OTHER THAN CSX RAILROAD EMPLOYEES. IF ANY HAZARDOUS CONDITION OCCURS AT THE BEACH BLVD. CSX RAILROAD CROSSING, CALL 1-800-232-0144 AND TELL THE OPERATOR WHAT THE CONDITION IS AND THAT IT IS LOCATED AT DOT NUMBER 340075L. ▲

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/9/2006 2:12 PM GN.DGN

▲				MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
				General Notes			
				Project No.: ER-9354-00(002)		WORKING NUMBER	
				County: HANCOCK		GN-1	
		FILENAME: GN.dgn				SHEET NUMBER	
						4	
DATE	DESIGN TEAM	CHECKED	DATE				
6-3-06							
DATE	REVISION	BY	ATM				

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

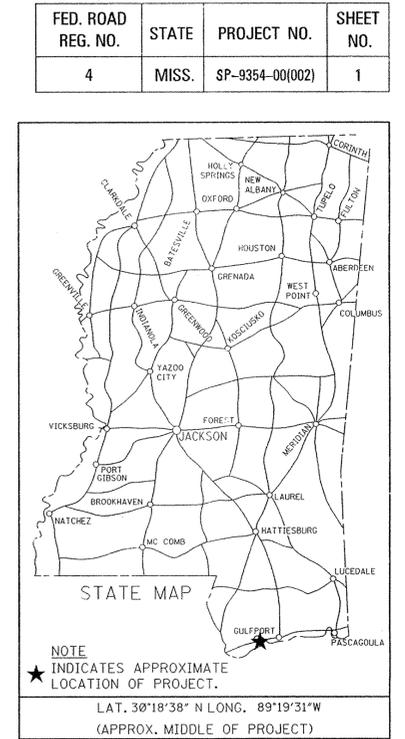
**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. SP-9354-00(002)**

SOUTH BEACH BLVD. UTILITY PLANS
FROM BALLENTINE ST. TO HIGHWAY 90
BAY ST. LOUIS, MS
HANCOCK COUNTY

104637/302000 FMS CON.

①12-14-07

SCALES
PLAN 1 IN. = 20 FT.
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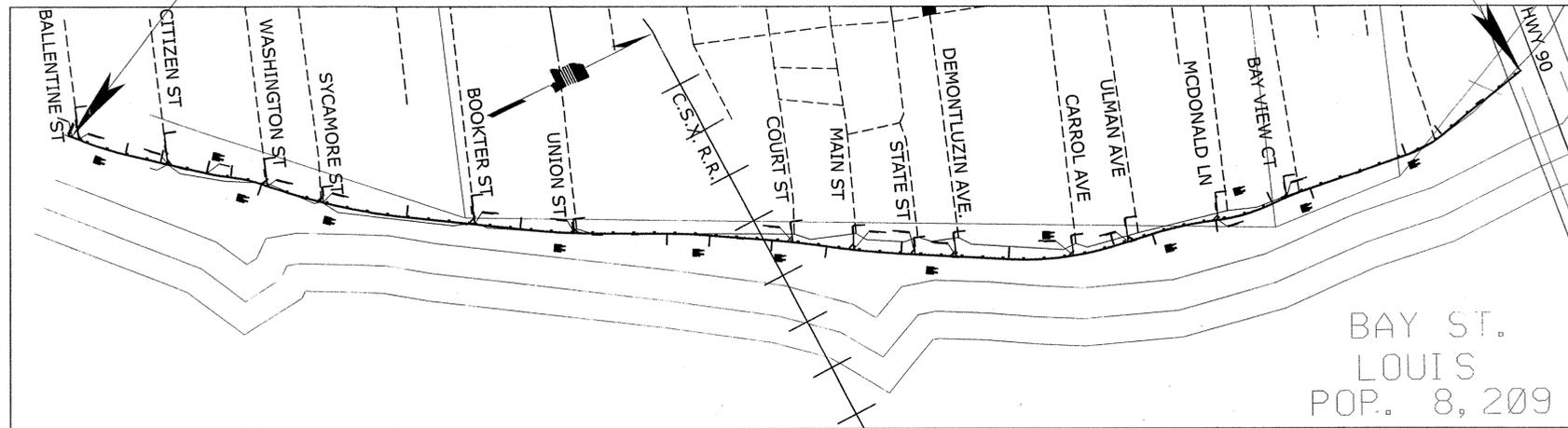


BRIDGE STRUCTURES REQ'D.
NONE

B.O.P. STA. 393 + 20.00

E.O.P. STA. 466 + 33.005

BOX BRIDGES REQ'D.
NONE



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35 MPH = V (SPEED DESIGN)
ADT (2008) = 5,300 ; ADT (2028) = 7,400
DHV = 810 ; D = 55 % ; T = 3 %

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WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
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NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT	<input checked="" type="checkbox"/>
Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)	
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483)	
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)	

APPROVED BY: *ATM* DATE: 8-16-07

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

LENGTH OF ROADWAY	7313.005 FT.	1.385 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		1.385 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		1.385 MI.

REVISIONS	BY	APPROVED:	125
	DATE	<i>Larry Lee James</i> CHIEF ENGINEER	8-16-07 DATE
		<i>Scott R. Patten</i> EXECUTIVE DIRECTOR	8-16-07 DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
		APPROVED:	
		DIVISION ADMINISTRATOR	DATE
		FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

8/16/2007 10:19AM TITLE(UTILITIES).DGN