Mark C. McConnell
Deputy Executive Director/
Chief Engineer

Charles R. Carr
Director
Office of Intermodal Planning

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Lisa M. Hancock
Deputy Executive Director/
Administration

Willie Huff
Director
Office of Enforcement

Melinda L. McGrath
Executive Director

P. O. Box 1850 / Jackson, Mississippi 39215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110 / www.GoMDOT.com

October 15, 2012

Mr. Anthony R. Lobred
U.S. Army Corps of Engineers
Vicksburg District, Regulatory Branch
4155 Clay Street
Vicksburg, Mississippi 39183-3435

SUBJECT: Project No: NH-0055-02(218); 106023/301000 CON

I-55 from Byram to McDowell Road
Hinds County

Dear Mr. Lobred:

We are requesting permit authorization for the subject EA project. Enclosed, please find the FHWA concurrence, maps, plans, delineations, and photos. Should it be determined that mitigation be required for any of the 340 linear feet of channel impacts, we would prefer debiting those credits out of the Red Creek Mitigation Bank in Jackson County.

Should you have any questions or need further information, please contact Ms. Andrea Wodtke.

Sincerely,

Kim D. Thurman
Environmental Division Administrator

KDT:ARW:tbs

Attachments

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Environmental Division
Ms. Andrea Wodtke

DATE: July 20, 2012

FROM: Roadway Design Division
John C. Taylor P.E., BCEE, RPG

SUBJECT OR PROJECT NO: **FMS 106023/301000**

INFORMATION COPY TO:

COUNTY: Hinds County

Roadway Design Division (Seal) 83-01

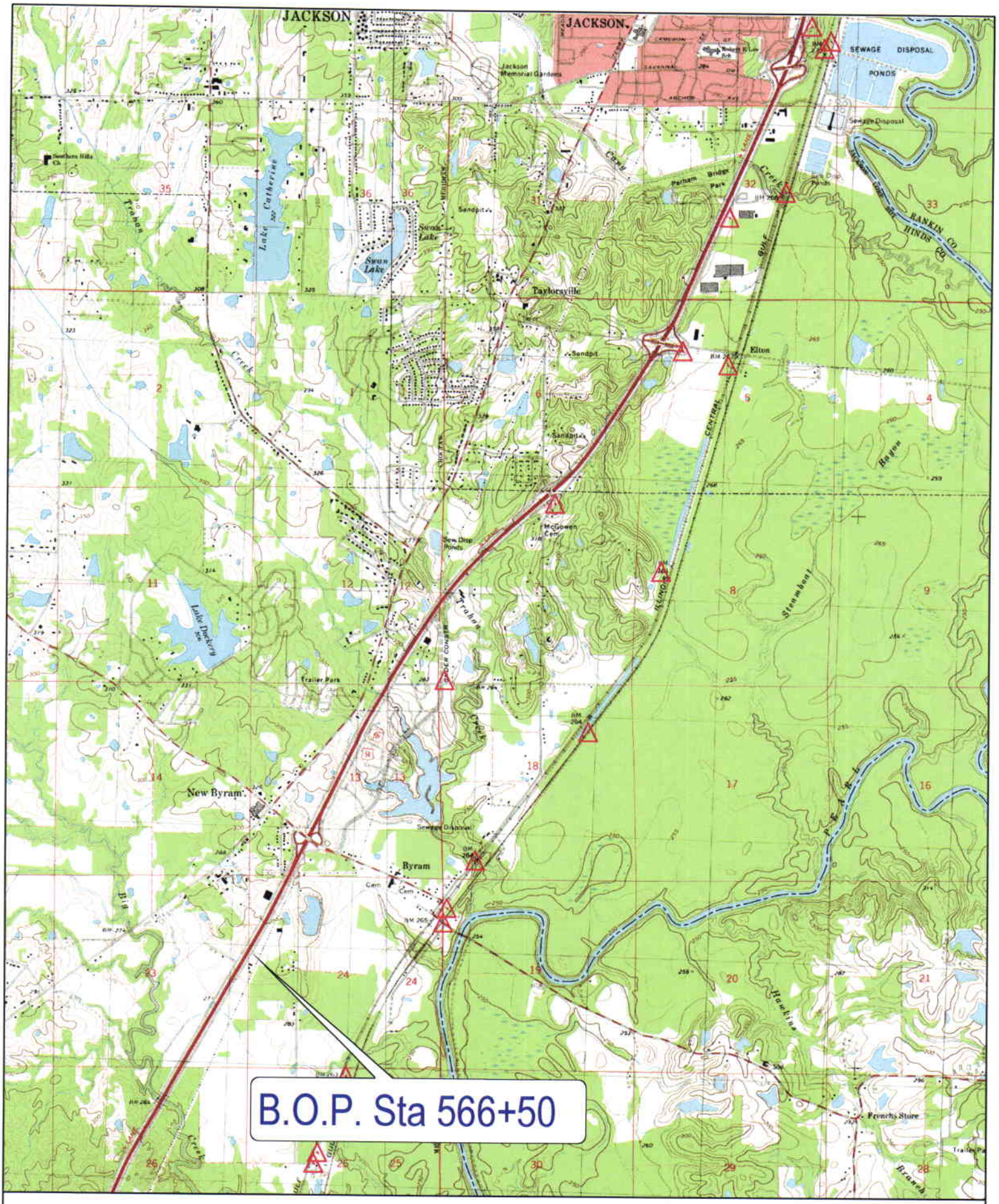
(1) IM-0055-02(218) 106023/101000 P.E.
NH-0055-02(218) 106023/301000 Const.

Add 2 Lanes and Pave from Byram to McDowell Road

This project work consists of improvements to I-55 from the Byram area to McDowell Road in South Hinds County. More specifically additional lanes will be added toward the outside of the existing facility between South Siwell Road in Byram and McDowell Road in Jackson for a distance of about 6.6 miles. No wetlands were found in the project area and no new ROW will be added. As described in the enclosed Table of Impacts there are several stream channels that will be impacted by extension or rip-rap or simply left alone with no impacts. The box bridge at Trahon Creek is to be extended by at least 46 feet. We anticipate more extension footage and the use of rip-rap armor. Therefore we estimated 100 feet of extension and 100 feet of rip-rap. The affected plans are included and the Wetland Assessment has already been submitted.

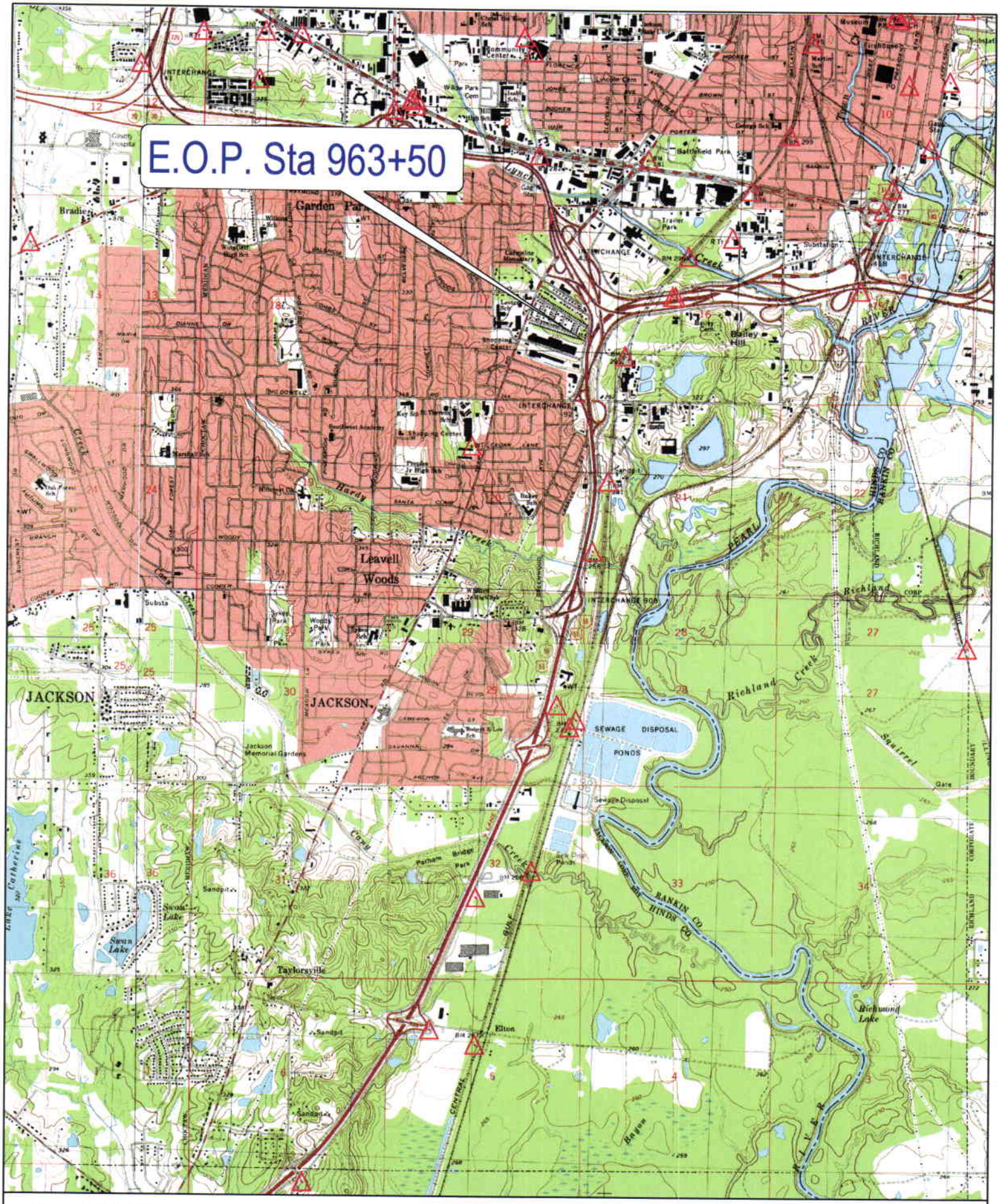
Additional information about this project can be found in the EA document and Location Committee report. If any additional information is needed please let me know as soon as possible. Scheduled letting is for 1/22/2013.

Location Map



Name: FLORENCE
Date: 7/18/2012
Scale: 1 inch equals 3333 feet

Location: 032° 12' 05.07" N 090° 14' 25.09" W NAD27
Caption: Hinds 55 Improvements
Byram to McDowell Road
FMS 106023/301000



Name: JACKSON
Date: 7/18/2012
Scale: 1 inch equals 3333 feet

Location: 032° 15' 09.97" N 090° 13' 04.75" W NAD27
Caption: Hinds 55 Improvements
Byram to McDowell Road
FMS 106023/301000

Table of Impacts

Table: Water Impacts

CA#	Site #	Latitude	Longitude	Sta.	Section-Township-Range	Type	Length in Project Area (feet)*	Channel Width (feet)	Name	Impact
1	1	32.08722	-90.30928	220+00R	S21/T3N/R1W	INT	140	3		Not included in 301000 Project; no impacts
2	1	32.09105	-90.30825	228+00	S21/T3N/R1W	INT	355	20	Vaughn Creek	Not included in 301000 Project; no impacts
3	1	32.09243	-90.30785	232+00L	S21/T3N/R1W	INT	940	2		Not included in 301000 Project; no impacts
4	1	32.09345	-90.30852	238+00L	S16/T3N/R1W	INT	30	2		Not included in 301000 Project; no impacts
5	2	32.10770	-90.29997	296+00L	S9/T3N/R1W	INT	150	2		Not included in 301000 Project; no impacts
6	2	32.10863	-90.29937	298+00	S9/T3N/R1W	PR	395	12	Harris Creek	Not included in 301000 Project; no impacts
7	2	32.11480	-90.29622	322+00	S10/T3N/R1W	PR	340	30	Rhodes Creek	Not included in 301000 Project; no impacts
8	3	32.14488	-90.28088	441+00	S34/T4N/R1W	INT	440	12		Not included in 301000 Project; no impacts
9	3	32.15338	-90.27665	475+00	S26/T4N/R1W	INT	440	6		Not included in 301000 Project; no impacts
10	4	32.16398	-90.27043	518+00	S26/T4N/R1W	PR	345	30	Big Creek	Not included in 301000 Project; no impacts
11	4	32.17140	-90.26543	549+00	S23/T4N/R1W	INT	340	6		Not included in 301000 Project; no impacts
										B.O.P. Sta. 566+50
12	5	32.18670	-90.25657	611+00	S13/T4N/R1W	INT	720	4		4X6 Box to remain; no impacts
13	5	32.19032	-90.25390	625+00	S13/T4N/R1W	INT	400	20		16X8 Box to remain; no impacts
14	5	32.19488	-90.25090	645+00	S13/T4N/R1W	PR	340	15		16X12 Box to remain; no impacts
15	6	32.20110	-90.24655	671+00L	S7/T4N/R1E	EP	75	2		60" RCP to remain; no impacts
16	6	32.20267	-90.24512	677+00	S7/T4N/R1E	PR	1085	12	Trahon Creek	Triple 14X14 Box to remain; 100 feet of extension; 100 ft rip-rap
17	6	32.20760	-90.23962	702+00L	S7/T4N/R1E	EP	70	1		80 ft of new pipe fill; 18", 24" and 36" RCP
18	7	32.21097	-90.23522	720+00L	S6/T4N/R1E	EP	500	5		No impacts
19	7	32.21250	-90.23353	729+00L	S6/T4N/R1E	EP	230	3		42" RCP to remain; Improved Side ditch; no impacts
20	7	32.21653	-90.23022	744+00L	S6/T4N/R1E	EP	440	3		4X6 Box to remain; no impacts

Table: Water Impacts

21	8	32.22180	-90.22670	770+00	S5/T4N/R1E	PR	1175	8		10X10 Box to remain; 66 ft of extension
22	8	32.22625	-90.22383	787+00L	S32/T5N/R1E	EP	100	3		36" RCP to remain; 24 ft of extension required
23	8	32.22942	-90.22210	800+00	S32/T5N/R1E	EP	340	3		42" RCP to remain; 36 ft of extension
24	8	32.23528	-90.21913	823+00	S32/T5N/R1E	PR	340	15	Cany Creek	Triple 20X20 Box to remain; no impacts
25	9	32.25595	-90.21130	903+00	S20/T5N/R1E	PR	350	15	Hardy Creek	26X17 Box to remain; no impacts
26	9	32.26608	-90.20898	940+00R	S21/T5N/R1E	PR	175	18		32X8 Box to remain; no impacts

Type:
PR-Perennial
INT-Intermittent
EP-Ephemeral
*Lengths include pipes, culverts, and bridges

CA Summary:		**Total Present (ft)**	**Total Impacts (ft)**			
			Fill (ft)	Pipe/Box (ft)	Bridge (ft)	Rip-Rap (ft)
Perennial:	**3465**		200	100		100
Intermittent:	**1120**					
Ephemeral:	**1755**		140	140		
Total (P, I, E)	**6,340**		**340**	**240**		**100**

Location Committee Report

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Environmental Division
Mr. Chad Wallace

DATE: May 19, 2011

FROM: Asst. Dist. Const. Engineer
Kent Reeves KR

SUBJECT OR PROJECT NO: IM-0055-02(218) / 106023
I-55 From Copiah CL to McDowell Road

INFORMATION COPY TO:

COUNTY: Hinds

Mr. Ken Wallace, District Const. Engineer w/att.
Mr. David Seal, Roadway Design Division w/att.
Mr. Robert Webster, FHWA w/att.
Mr. Alan Cross, Dist. Testing Engineer w/att.
Mr. Heath Patterson, Area Engineer w/att.
Mr. Sammy Holcomb, Planning Division w/att.
Mr. Jeff Pierce, Planning Division w/att.
Mr. James Warren, Planning Division w/att.
Mr. Andy McNair, Traffic Engineering Div. w/att.
Mr. Justin Walker, Bridge Division w/att.
Project File w/att.

FINAL COMMITTEE REPORT

The Location and Design Committee met on January 20, 2011 for consideration of the referenced project on I-55 in Hinds County. The following persons were in attendance:

Mr. Heath Patterson – Construction Division
Mr. David Seal – Roadway Design Division
Mr. Kent Reeves – District V
Mr. Alan Cross – District V
Mr. Robert Webster – FHWA
Mr. Sammy Holcomb – Planning Division
Mr. Jeff Pierce – Planning Division
Mr. Chad Wallace – Environmental Division
Mr. Andy McNair – Traffic Engineering Division
Mr. James Warren – Planning Division
Mr. Justin Walker – Bridge Division

The project under consideration begins at the Copiah/Hinds County Line at approximately Station 1364+47 (lt. lane) and extends northerly approximately 17 miles to McDowell Road at approximately Station 947+95.

Original Construction

The southern end of I-55 in Hinds County was constructed as I-55 from the BOP to approximately Station 190+00 (lt. lane) between 1959 and 1961 under the following projects:

- I-091-2(18) – Completed 1960
- I-55-2(27)74 – Completed 1961

The typical section provided for a four-lane divided facility with a pavement width of 24 ft. on a 44 ft. finish crown section. The shoulders were paved 9 ft. on the outside and 3 ft. on the median side. The median slopes were constructed on a 4:1 slope. The outside slopes were constructed on either 2:1, 3:1 or 4:1 depending on the cut/fill height. The centerline to centerline distance begins at 88' just north of the BOP and transitions to 60 ft. at Station 1455+99 (lt. lane). This 60 ft. separation continued to Station 190+00.

The pavement structure consisted of 9" Reinforced Cement Concrete over 6 inches Cement Treated Topping over 6 – 12 inches of Roadbed Topping. The shoulders were paved with DBST over 6 inches Cement Treated Roadbed Topping.

Frontage roads were constructed 81 ft. left and right of the mainline roadway beginning at Station 1427+00 on the left and Station 1454+80 on the right. The typical section provided for a two lane facility with a pavement width of 20 ft. and 5 ft. shoulders. The inside slopes were constructed as 4:1 in cuts and either 2:1, 3:1 or 4:1 in fills. The outside slopes were constructed as 4:1 in cuts and between 2:1 to 4:1 in fills. The pavement structure was DBST over 10 inches of Clay Gravel over 3 – 12 inches of Roadbed Topping.

From Station 190+00 (lt. lane) northward to the EOP, I-55 was originally constructed as US 51 between 1953 and 1960 under the following projects:

- FI-I-001-2(4) – Completed 1955
- FI-001-2(2) – Completed 1956
- F-FI-I-IN-001-2(9) – Completed 1956
- I-091-2(10) – Completed 1960
- I-091-2(5) – Completed 1959
- I-091-2(11) – Completed 1960
- I-091-2(12) – Completed 1960

This section of US 51 was constructed as a four-lane divided facility with a centerline to centerline distance of 60 feet from Station 190+00 to approximately Station 574+64. From this point northward, the depressed median transitioned to a 20 foot raised median with dowelled cycloid curb beginning at approximately station 582+08 and continued to the EOP.

In the four-lane divided section, the typical section for the north bound lanes provided for a pavement width of 24 ft. on a 44 ft. finish crown section with 10 foot granular shoulders. The southbound lanes were constructed with a pavement width of 24 ft. on a 42 finish crown. The granular shoulders were constructed 10 ft. wide on the outside and 8 ft. on the median side. The slopes were constructed between 2:1 and 4:1 depending on the fill or cut height. Median slopes were constructed as 4:1.

The raised median section was constructed on an 88 ft. finish crown with 10 ft. granular shoulders. The original structure was either 8 inches or 9 inches Uniform Reinforced Cement Concrete Pavement over 12 to 18 inches of Roadbed Topping. In some areas, stabilizer aggregate was incorporated and in other areas, soil cement was used. The outside slopes vary from 2:1 to 4:1 depending on the fill or cut height. Median slopes were constructed at 4:1.

Frontage roads were constructed at 81 feet left and right of the mainline. The slopes and pavement structure were constructed as previously discussed for the section near the BOP.

Beginning in 1979 under Project I-55-2(76) 84, the existing cycloid curb and raised median was removed. The raised median was then excavated and paved with approximately 12 ½ inches of HMA over 8 inches of chemically treated subgrade. Pre-cast concrete median barrier was then installed beginning at Station 578+10 and continuing to Station 929+08. The existing granular shoulders were also widened to 12 feet and paved 10 feet with approximately 12 inches of HMA. A SBST surface course was also placed. The existing concrete lanes were overlaid at this time with approximately 4 ½ inches of HMA.

In 2001, under Project IM-00550-2(120), this entire section of I-55 from the Copiah County Line to McDowell Road was rehabilitated with a combination of concrete grinding, milling and overlaying with HMA. The frontage roads were also overlaid with 1 ½ inches of HMA.

In 2007, under Project HSIP-0055-02(203)N, the entire length of existing precast median barrier was removed and replaced with a 42 inch cast-in-place concrete median barrier. Some additional trench drains were also installed at this time to correct some existing drainage issues in the median.

Current Pavement Condition

The current pavement consists mainly of composite pavement, but there are sections of JRCP that have not been overlaid with HMA. The largest of which begins at the Copiah County Line and extends northward approximately 1.81 miles. There are other smaller sections of bare JRCP that are less than a 0.25 miles each. The latest Roadway Condition Survey for the longest section of JRCP conducted in early 2010, indicates an average faulting of 0.20 in. at the joints.

The majority of the remaining roadway is constructed of composite pavement. The HMA overlay thickness varies from 4 to 11 inches according to data from TMIS. The HMA overlay is generally cracked and oxidized throughout the project in both directions of travel. Some areas are severely cracked, raveled and have begun to pothole. There are also areas where the pavement is distorted and out of section due to possible HVC soils. The latest Roadway Condition Survey (2010), for the composite pavement section, indicates the average rutting ranges from 0.11 to 0.15 inches.

Due to the age and condition of the existing pavement, it is the recommendation of the Committee that all of the existing pavement should be removed and replaced.

Traffic Count and Capacity Analysis

Traffic counts from the Planning Division indicate the 2010 ADT for I-55 ranges from 27,838 near the county line to 68,000 at McDowell Road. Truck percentages range from 10 – 20 %. A Capacity Analysis conducted by the Planning Division also indicates that between the Byram Interchange and McDowell Road, I-55 is currently operating at a LOS that ranges from D to F indicating an immediate need for additional lanes. Without these additional lanes, the LOS drops to F for the entire section by the year 2040.

Construction Alternates

Two alternates were considered by the Committee. All alternates begin at the Copiah County Line and end at McDowell Road. They are described as follows:

Alternate "A" : This is the No Build Alternate and is not considered to be a prudent alternate. It does not provide a desirable LOS and does not address any of the current pavement deficiencies.

Alternate "B" : This alternate would provide for the addition of one lane in each direction from the Byram Interchange to McDowell Road. Due to the existing concrete median barrier, these additional lanes would be constructed to the outside of the existing lanes. This alternate also provides for the addition of one lane in each direction from the Terry Interchange to the Byram Interchange. The Capacity Analysis did not indicate the immediate need for additional lanes in this section, however, one additional lane in each direction will be required for traffic control purposes. These additional lanes will be added by a combination of widening to the median side and also to the outside. Construction of a median barrier will be necessary between Terry and Byram. From the County Line to Terry, additional lanes are not required and the existing pavement will be removed and replaced under single lane closures. Analysis completed by the Planning Division indicates this can be accomplished with minimal traffic backup.

Traffic Control

With reference to the Committee's recommendation to remove and replace the existing pavement, several traffic control concepts were looked at by the Committee.

- Utilization of Frontage Roads – Since two-way frontage roads parallel the majority of the project, the possibility of placing I-55 traffic on the frontage roads was reviewed. This concept was rejected due to the poor vertical geometry of the frontage roads, the lack of suitable shoulders, the number of businesses located on the frontage roads and the presence of the interchanges.

- Utilization of Long Term Lane Closures - Planning Division completed an analysis to determine if this work could be performed under long term lane closures by reducing I-55 to one lane during construction. The results of that analysis showed that from the BOP to Terry, removal and replacement of the existing pavement could be completed under long term lane closures without undue traffic backups. From Terry to Wynndale, this analysis indicated that construction traffic volumes will exceed capacity and queues up to 2 3 miles could be expected. From Wynndale to Byram, the analysis calculated that queues up to 4 1 miles could be expected. For these reasons, the Committee recommends this method between the BOP and Terry and rejects this concept for all other areas.

- Head-to-Head Traffic with Median Barrier

    - Terry to Byram – Under this concept, the existing median will be paved to accommodate 2 lanes of traffic. Due to the narrow width of the median, some additional widening may be required on the outside. One direction of travel (2 lanes) will be moved into the paved median separated from the opposing traffic by a concrete median barrier while the ultimate 3-lane section is constructed. The process will then be repeated to allow construction of the remaining lanes.

    - Byram to McDowell – In this section, the southbound lanes will be widened by adding an outside lane and a 14 foot outside shoulder. All four lanes will be head-to-head separated by a median barrier while the ultimate northbound 3 lanes with full depth shoulders are constructed. Once completed, all four lanes of traffic will be shifted to the completed northbound lanes while the remaining two lanes of the southbound lanes are removed and replaced.

  The Committee recommends the Head-to-Head method of traffic control be utilized between Terry and McDowell Road. The Committee also recommends keeping the existing 42" concrete median intact. Sections of the existing barrier may be removed as necessary to accommodate ramp traffic during construction phasing.

Bridges

There are 8 overhead bridges, 6 mainline bridges and 3 box culverts located within the project limits. Bridge numbers, vertical clearances, curb to curb widths, year of construction and sufficiency rating are tabulated and attached to this report. The Committee notes that many of them do not have sufficient vertical clearance. During the Committee meeting, it was noted by the Bridge Division that due to the shallow footing depth at the bridge columns and the median barrier, lowering of the roadway profile to improve the vertical clearance may not be possible. It is the recommendation of the Committee that the vertical clearance of each bridge should be investigated during the design phase to increase this to a minimum of 17 feet where possible. A design exception will be required for those bridges whose vertical clearance cannot be increased

The Committee also noted that during the construction phasing when traffic is all on the southbound or northbound lanes, the horizontal clearance underneath the overhead bridges will be narrow. Preliminary measurements indicate there is room for 4 lanes. The Committee recommends further investigation during the design phase to verify the horizontal clearance

Widening of mainline bridges to accommodate the additional lanes and/or traffic phasing will be required Subsequent to the Committee meeting, it has been determined that the McDowell Road bridge will also require widening. At the minimum, one additional lane will be added to the northbound lanes. Other work, such as replacing bridge railing, removing median curb, replacing sign trusses , and reworking of the ramps on the north side may be required and will be determined during design phase.

Frontage Roads

In general, no work will be performed on the frontage roads under this project. However, the Committee notes that due to the close proximity of the frontage roads and the differences in elevation between the frontage roads and the mainline in certain locations, it may be necessary to adjust the profile of the frontage road to allow the additional lanes to be constructed. If the frontage road profile cannot be adjusted in these areas due to lack of ROW or ROW impacts, the Committee recommends that retaining walls should be utilized where practical.

Signage

The Traffic Engineering Division has recommended that all signing be replaced and, within the limits of the proposed 6 lane facility, existing ground mounted signage should be replaced with overhead signs.

Roadside Safety

- The Committee recommends removing and replacing all guardrail and guardrail terminal end sections in accordance with current MDOT/FHWA safety requirements. The Committee also recommends removing guardrail located adjacent to overpass bridge columns which do not have the correct deflection distance between the back of the guardrail posts and the bridge columns for the existing type of rail and post spacing. An upgraded section of rail and post spacing or concrete barrier will be used at these locations. Location and type of rail will be determined during plan development

- Guardrail will be installed for drainage structures (box culverts) with an opening equal to or greater than 48 sf that may exist in the 30' roadside safety distance as described in Subsection 11-3.02.06 of the *Roadway Design Manual*, 2001 Edition. Drainage structures with less than 48 sf of opening should be extended beyond the 30' roadside safety distance.

- Random Clearing may be required on the southern end of this project where the frontage roads have veered away from the mainline. The Committee recommends that Random Clearing should be set up to remove vegetation along the project for a minimum distance of 50 feet from the edge of pavement or as directed by MDOT policy, whichever is greater. Grassing items should be set up for areas requiring Random Clearing.

- Delineators on the project will be removed or replaced per current MDOT design standards or policy.

- All interchange ramps on the project will be extended where necessary to meet the current parallel acceleration/deceleration design configuration. Where possible, the side slope construction along these ramp extensions should be at least 4:1 or flatter.

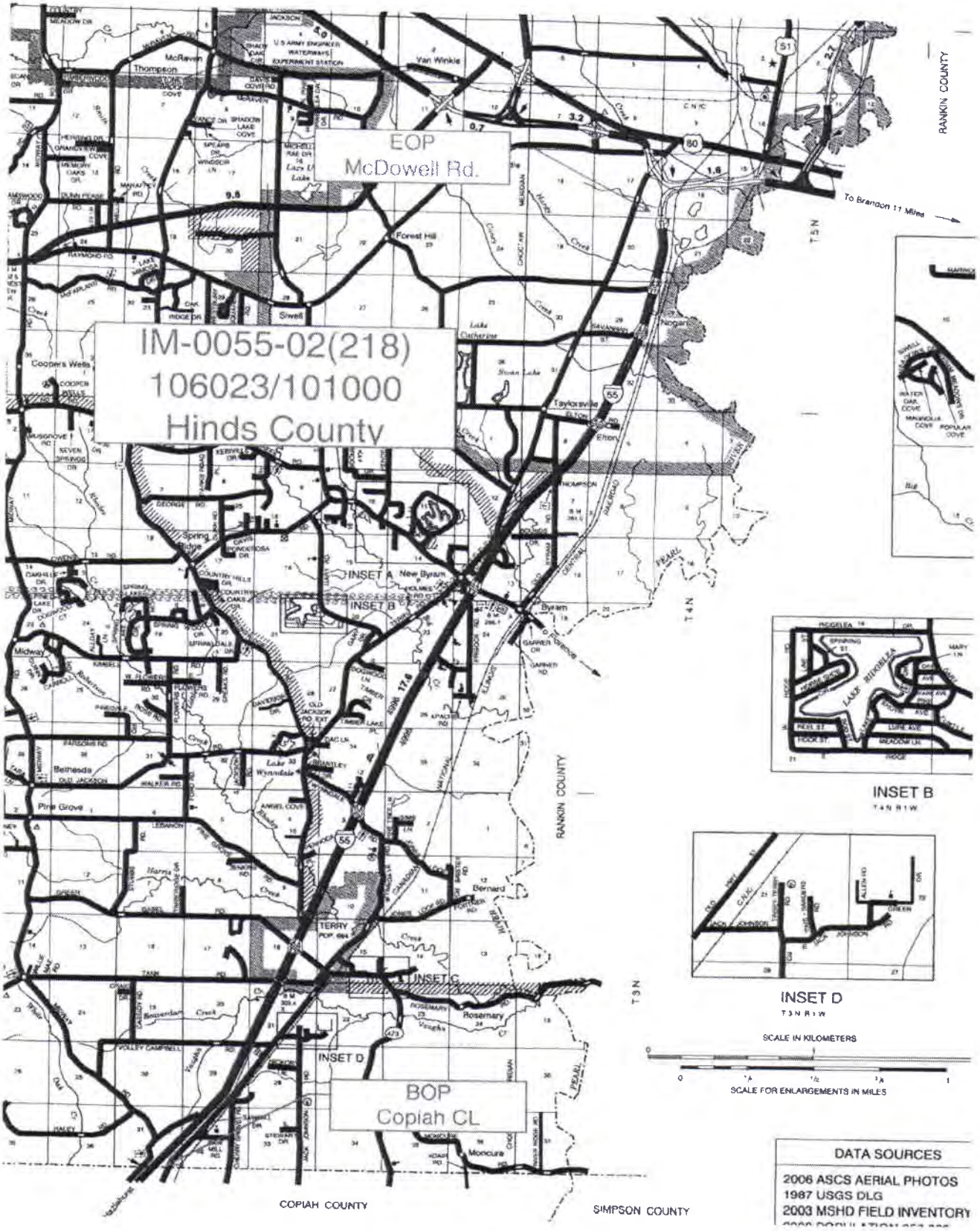
- All ditch plugs and authorized crossovers will be brought to current 3R safety design standards. This will include flattening longitudinal slopes to 10:1 or flatter and will require extending some median pipes and/or adding median inlets to meet existing field conditions. Some paved ditch, apron and inlet removal and replacement may also be required in order to flatten the slopes.

All work on this project will be inside existing right-of-way; therefore the Farmland Protection Act does not apply.

No filling of wetlands will be required.

KR:kr.rw

Attachments


EOP
McDowell Rd.
IM-0055-02(218)
106023/101000
Hinds County
BOP
Copiah CL
INSET A
INSET B
INSET C
INSET D
RANKIN COUNTY
COPIAH COUNTY
SIMPSON COUNTY
To Brandon 11 Miles
T4N
T3N
INSET B
T4N R1W
INSET D
T3N R1W
SCALE IN KILOMETERS
SCALE FOR ENLARGEMENTS IN MILES
DATA SOURCES
2006 ASCS AERIAL PHOTOS
1987 USGS DLG
2003 MSHD FIELD INVENTORY

Overhead Bridges

Bridge ID	Road	Construction Date	Minimum Vertical Clearance	Sufficiency Rating
11560	Tank Road	1959	14.99	51.3
11561	Green Gable	1959	15.22	61.5
11562	Wynndale	1959	16.54	69.9
11558	Siwell	1993	16.31	97.3
11559	Old Byram	1959	14.7	52.4
11571	Elton	1959	15.45	51.0
11572	Savanna	1959	14.73	60.4
11565	Daniel Lake	1962	15.49	71.6

Mainline Bridges

Bridge ID	Feature	Construction Date	Curb To Curb Width	Sufficiency Rating
11413	Harris Creek	1996	41.99	96.2
11412	Harris Creek	1996	41.99	96.2
11419	Rhodes Creek	1996	41.99	96.2
11418	Rhodes Creek	1996	41.99	96.2
11423	Big Creek	1992	41.99	95.9
11422	Big Creek	1992	41.99	95.9

Project Plans

P.E. IM-0055-02(218) 106023 / 301000

CONST. PLANS PRINTED _____

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0055-02(218)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FIELD INSPECTION PLANS
JUNE 27 & 28, 2012

PLAN AND PROFILE OF PROPOSED INTERSTATE 55 WIDENING PROJECT NO. IM-0055-02(218)

IM-0055-02(218)
106023 / 301000

INTERSTATE 55 WIDENING

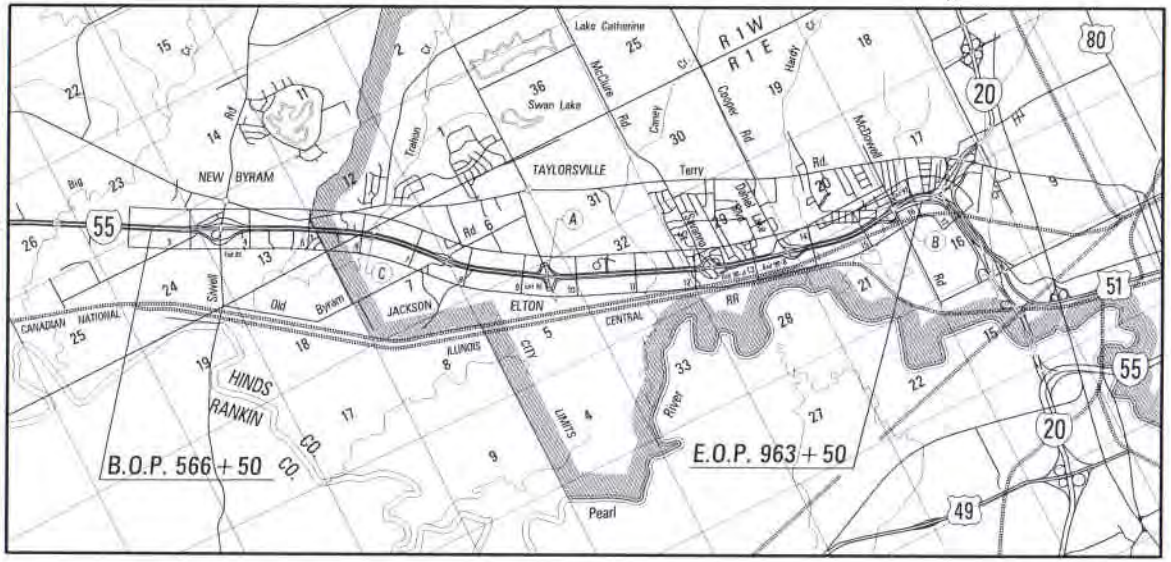
FROM S. OF THE BYRAM INTERCHANGE TO N. OF McDOWELL ROAD

HINDS COUNTY

MDOT WEST ZONE

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 3000 FT.



BRIDGE WORK REQUIRED

(A) Sta 28 + 85.33
Elton Road Over I – 55
Bridge Jacking Required
Spans 1 @ 46.5' 2 @ 67', 1 @ 46.5'
Skew = 15° Lt. Fwd
Total Length = 229.33'

(B) Sta 941 + 81.83
I – 55 Over McDowell Road
3 Span Bridge Widening Required
Spans 1 @ 60', 1 @ 100', 1 @ 60'
Skew = 6° 39' Lt. Fwd.
Total Length = 223.340'

BOX BRIDGE EXTENSION REQ'D.

(C) Sta 677 + 50
I – 55 Over Trahon Creek
Triple 14' x 14' Box Bridge Extension Req'd Lt. & Rt
Skew = 0
Total Length = 45'

CONVENTIONAL SYMBOLS

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

EQUATIONS

PT 581 + 96.137 BK = 580 + 88.989 AH
POT 663 + 12.754 BK = PC 662 + 99.651 AH
PT 738 + 29.575 BK = 738 + 37.066 AH
POT 847 + 53.832 BK = PC 847 + 56.886 AH
PT 867 + 05.258 BK = 867 + 06.158 AH
PT 932 + 54.991 BK = 932 + 60.449 AH

FLORENCE & HUTCHESON
ITS DESIGN

FLORENCE & HUTCHESON
ROADWAY LIGHTING

LENGTH DATA

LENGTH OF ROADWAY	39,581.066 FT	7.496 MI.
(A) LENGTH OF BRIDGES (WIDENING ONLY)	223.340 FT.	0.042 MI.
LENGTH OF PROJECT (NET)	0.000 FT	0.000 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	39,804.406 FT	7.538 MI.

(A) WIDENING EXISTING I-55 BRIDGE OVER McDOWELL ROAD

EXCEPTIONS

NONE

FLORENCE & HUTCHESON
ROADWAY DESIGN

FLORENCE & HUTCHESON
BRIDGE DESIGN

★ NOTE
INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. 32° 13' 28" LONG. 90° 13' 26"
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL
50 MPH = V (SPEED DESIGN)
ADT (2022) = 83,000 ADT (2037) = 96,000
DHV = 9,600 ; D = 55 % T = 17 %

PERMITS ACQUIRED BY MDOT
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY)

	WATERS	WETLANDS
NATIONWIDE #14	☐	☐
NATIONWIDE (OTHER)*	☐	☐
GENERAL*	☐	☐
INDIVIDUAL (404)*	☐	☐

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

STORMWATER PERMIT (Y)
Y REQUIRED (NOI SUBMITTED BY MDOT, DISTURBED AREA > 5 ACRES)
R REQUIRED (NOI TO BE SUBMITTED BY CONTRACTOR IF TDA ≥ 0.99 ACRES)
N NO STORMWATER PERMIT REQUIRED (< 1 ACRE)
APPROVED BY _____ DATE _____

ACCESS CONTROL

1 Access to and exit from this highway will be permitted only through interchanges or other such points as may be established by public authority and as shown on the plans.

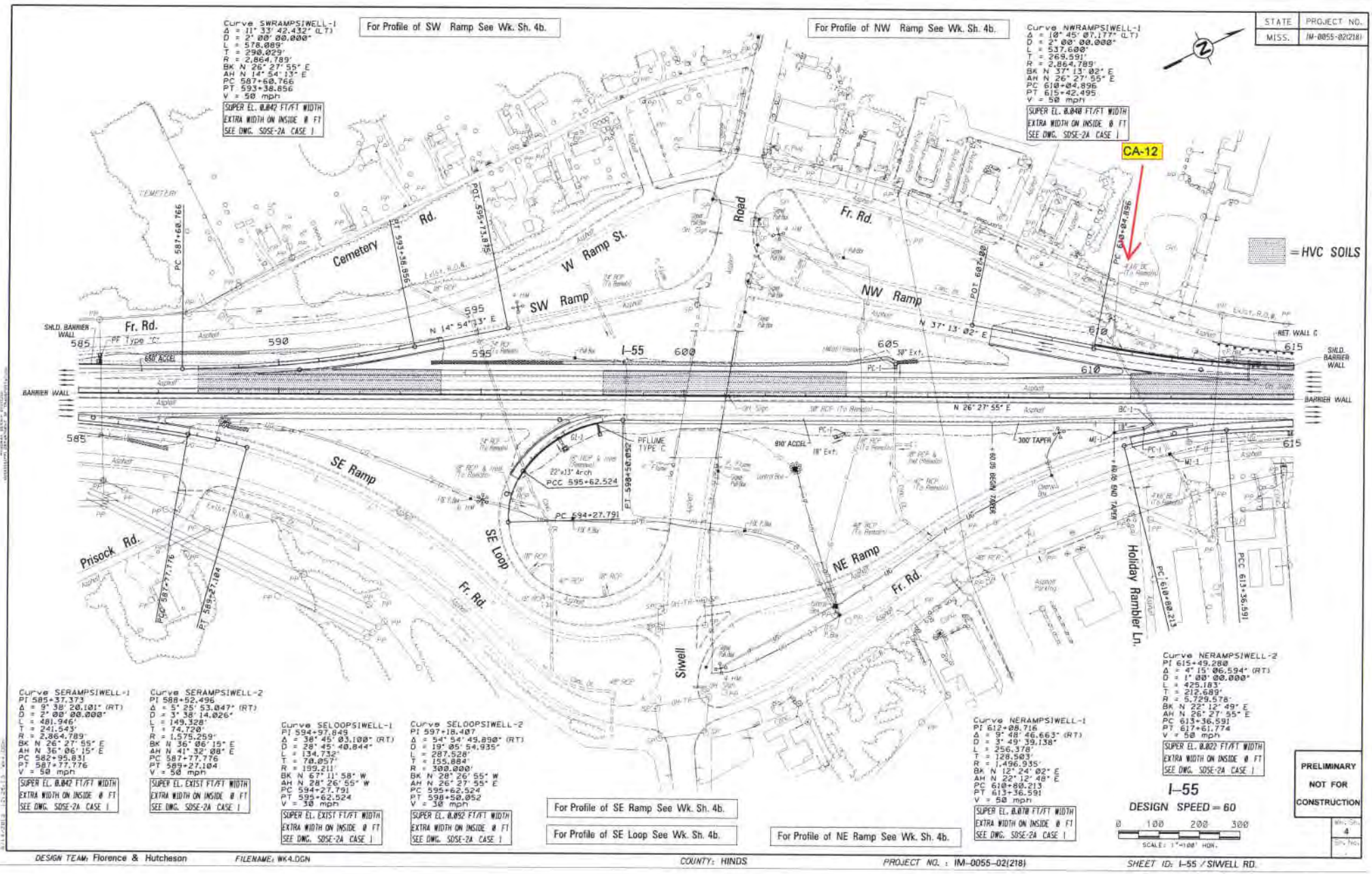
2 This project is declared by the Transportation Commission to be a Type 1 Access Controlled Facility, as defined in and subject to all restrictions shown by order of said Commission adopted on the XX day of XXXXXXXXX in minute book XX, page XX and authorized under section 65-1-101(i) MCA (1972, as amended)

PRELIMINARY
NOT FOR
CONSTRUCTION

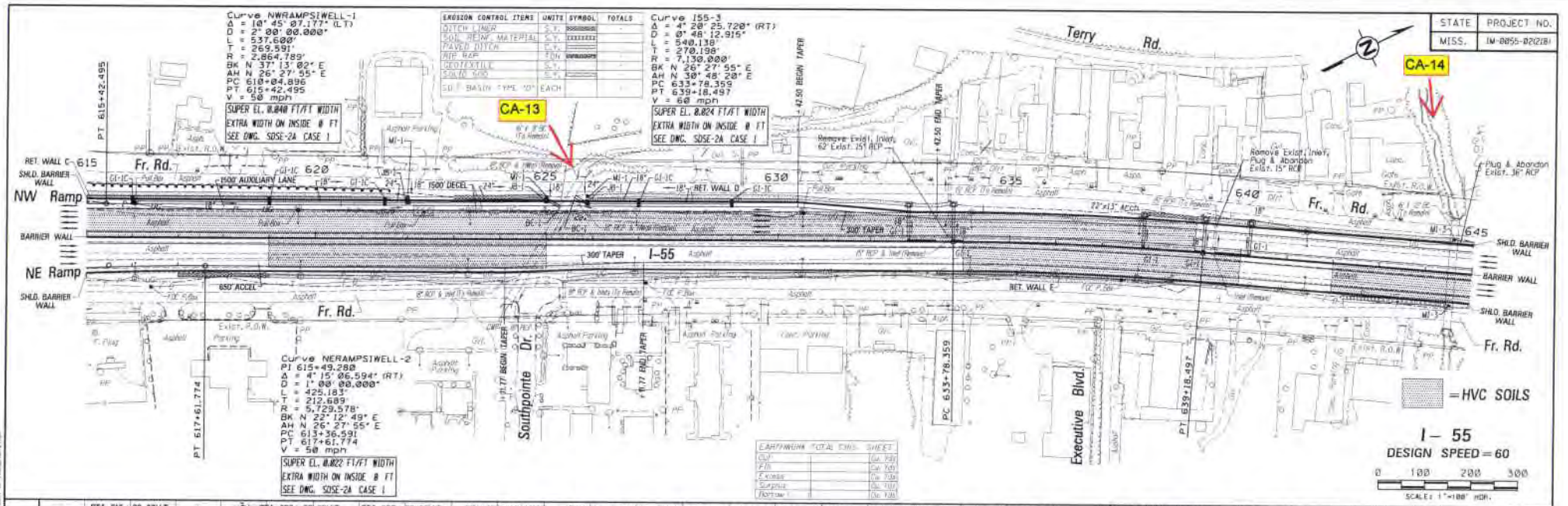
APPROVED: _____
CHIEF ENGINEER _____ DATE
EXECUTIVE DIRECTOR _____ DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

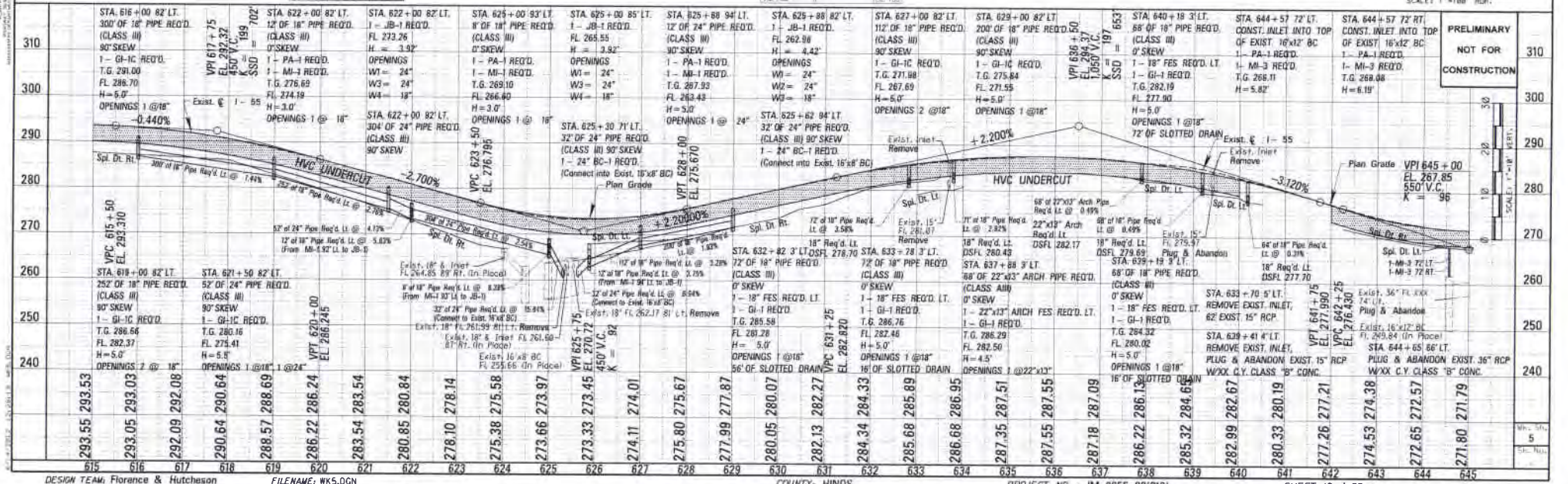
APPROVED: _____
DIVISION ADMINISTRATOR _____ DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS | BY | DATE

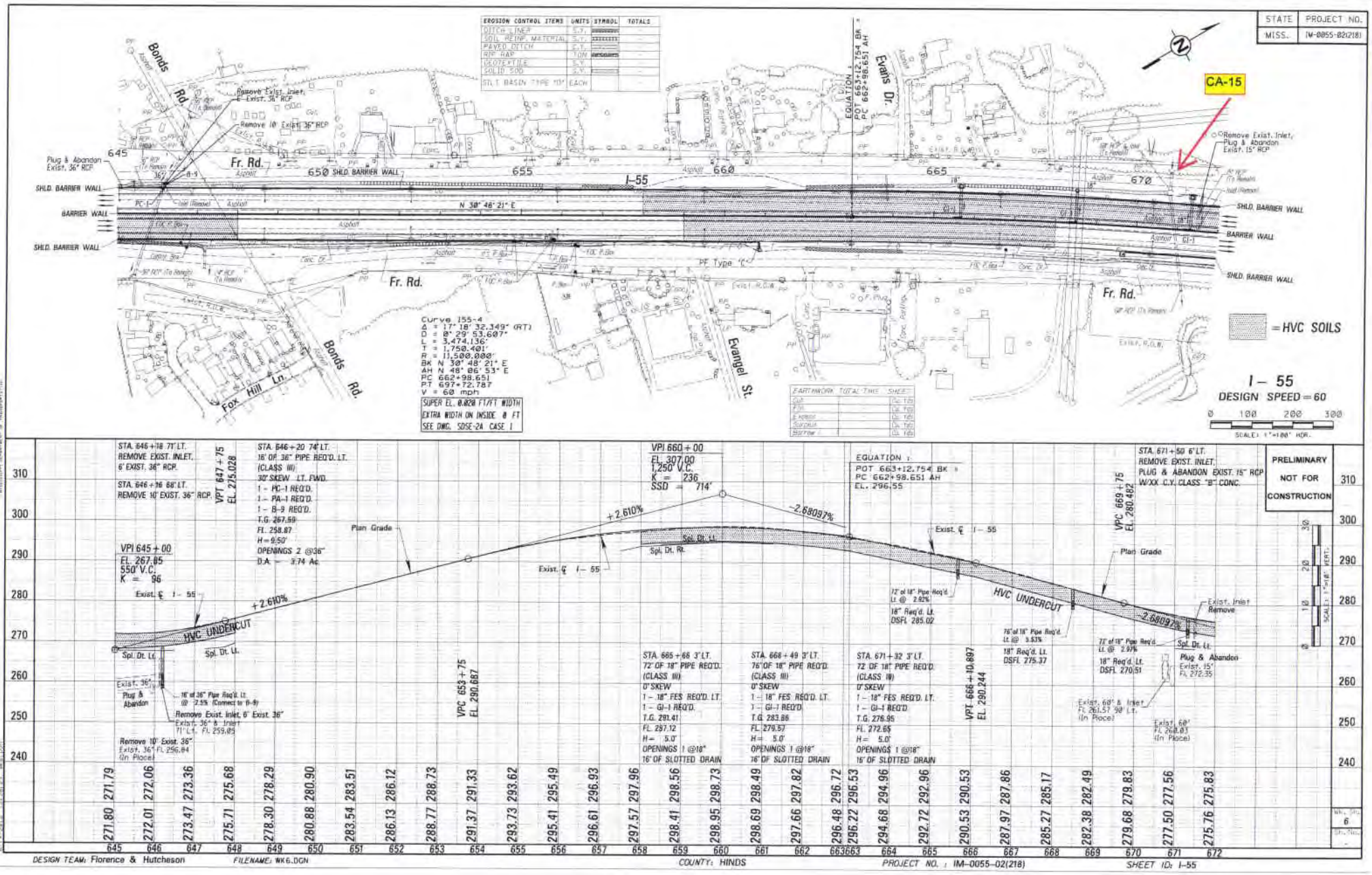


DESIGN TEAM: Florence & Hutcheson FILENAME: WK4.DGN COUNTY: HINDS PROJECT NO. : IM-0055-02(218) SHEET ID: I-55 / SIWELL RD.





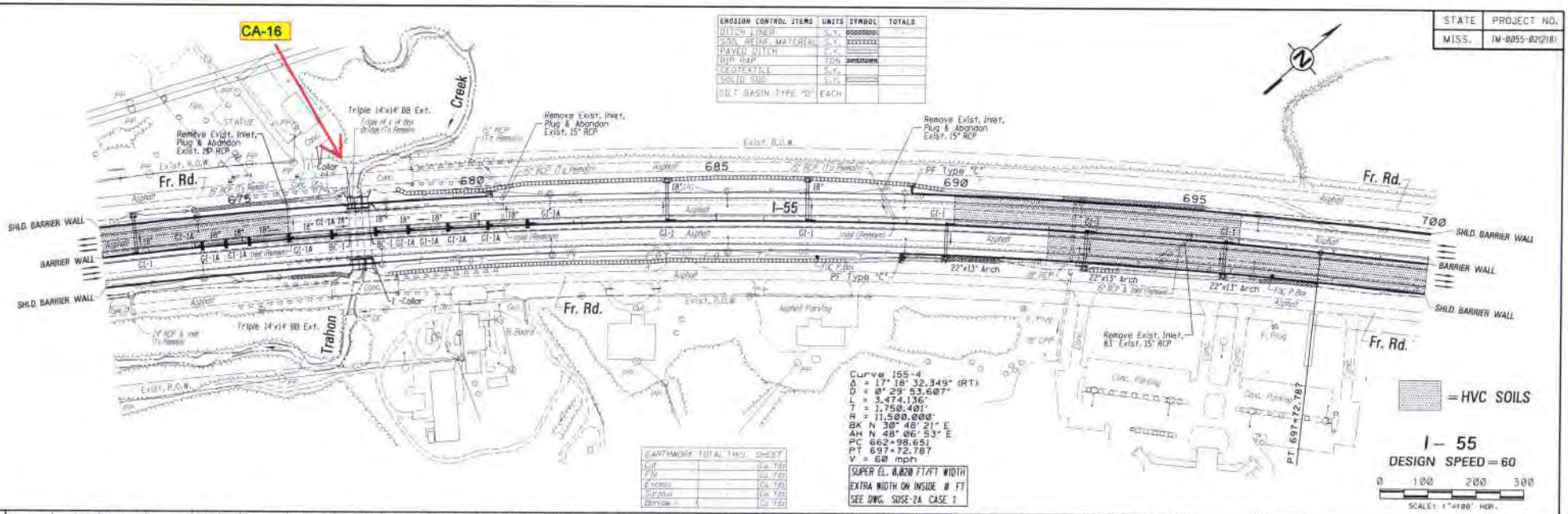
DESIGN TEAM: Florence & Hutcheson | FILENAME: WK5.DGN | COUNTY: HINDS | PROJECT NO. : IM-0055-02(218) | SHEET ID: I-55

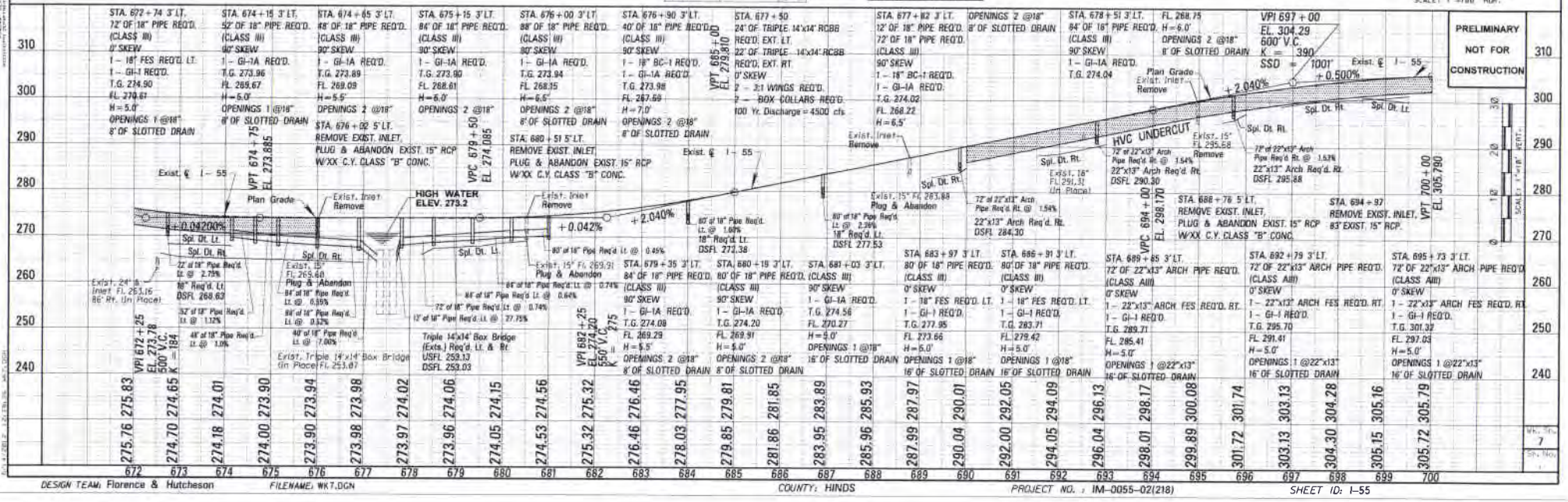


DESIGN TEAM: Florence & Hutcheson FILENAME: WK6.DGN COUNTY: HINDS PROJECT NO. : IM-0055-02(218) SHEET ID: I-55

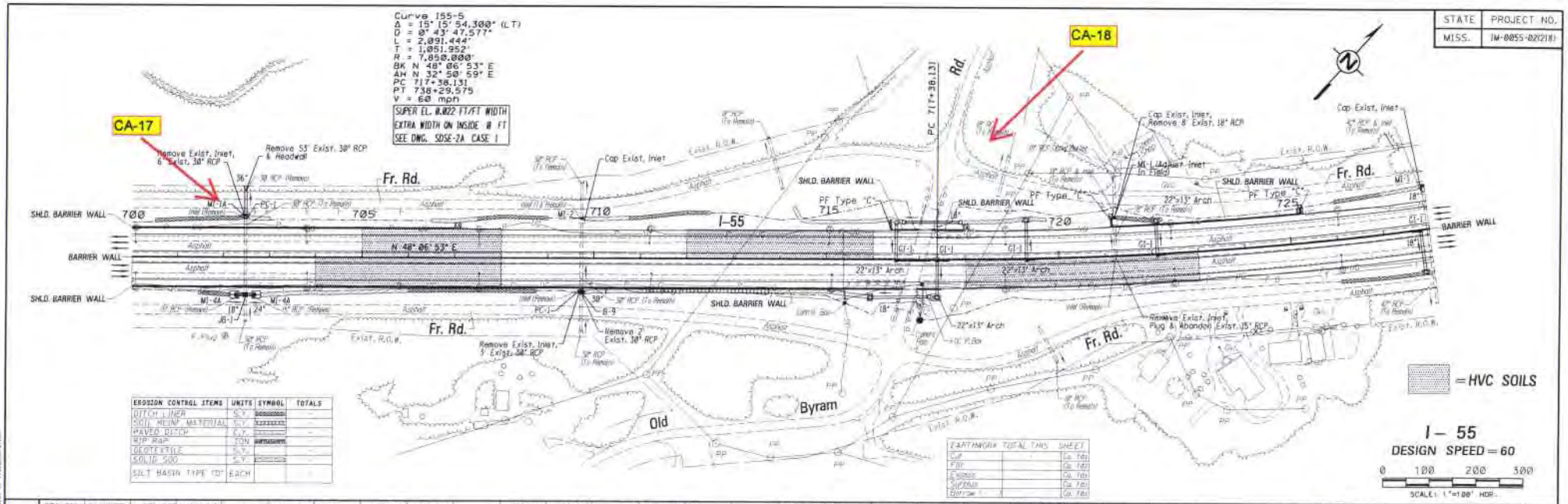
STATE	PROJECT NO.
MISS.	IM-0055-02(218)

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL RETAI. WATER(AL)	S.Y.		
PAVED DITCH	S.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		
DILT BASIN TYPE "B"	EACH		

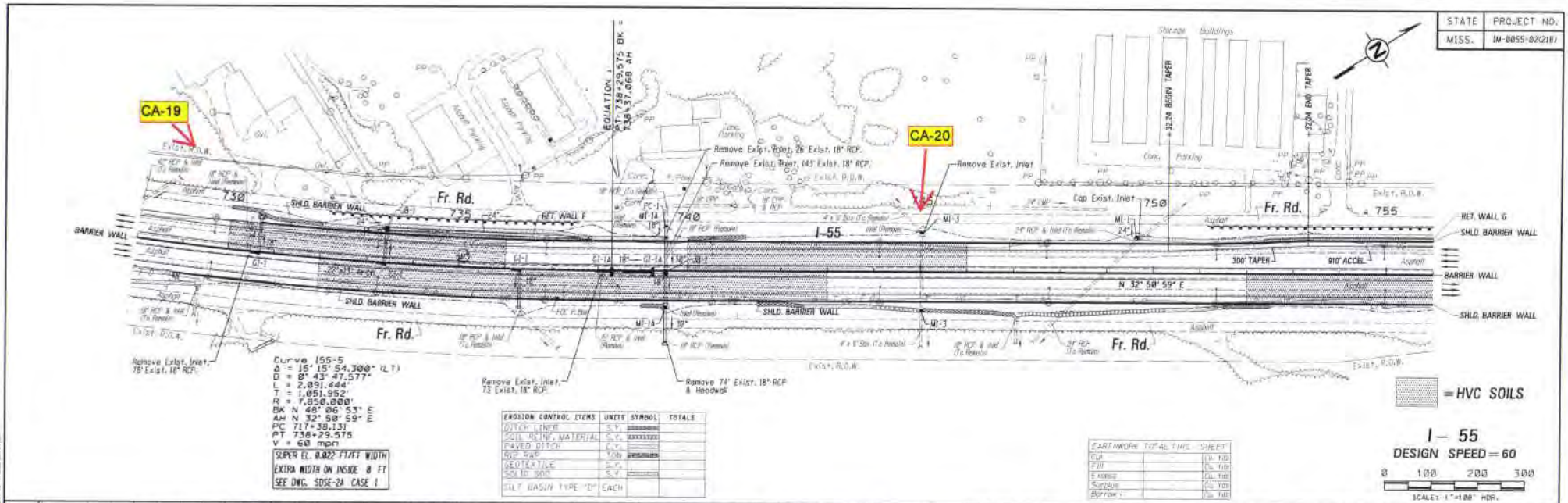




DESIGN TEAM: Florence & Hutcheson FILENAME: WKT.DGN COUNTY: HINDS PROJECT NO. : IM-0055-02(218) SHEET ID: I-55


Curve 155-5
Δ = 15° 15' 54.300" (LT)
D = 0° 43' 47.577"
L = 2,091.444'
T = 1,051.952'
R = 7,850.000'
BK N 48° 06' 53" E
AH N 32° 50' 59" E
PC 717+38.131
PT 738+29.575
V = 60 mph
SUPER EL. 0.022 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 8 FT
SEE DWG. SDSE-2A CASE 1
CA-17
CA-18
Remove Exist. Inlet, & Exist. 38" RCP
Remove 53' Exist. 38" RCP & Headwall
Cap Exist. Inlet
Remove Exist. Inlet, & Exist. 38" RCP
Remove 2 Exist. 38" RCP
Cap Exist. Inlet, Remove 8' Exist. 18" RCP
Cap Exist. Inlet
MI-1 (Adjust Inlet In Field)
Remove Exist. Inlet, Plug & Abandon Exist. 15" RCP
SHLD. BARRIER WALL
BARRIER WALL
PF Type "C"
22"x13" Arch
Fr. Rd.
Old Byram
I-55
N 48° 06' 53" E
PC 717+38.131
700
705
710
715
720
725
Exist. R.O.W.
Asphalt
Concrete
Gravel
=HVC SOILS
I - 55
DESIGN SPEED = 60
0 100 200 300
SCALE: 1"=100' HOR.
STATE | PROJECT NO.
MISS. | IM-0055-02(218)
EROSION CONTROL ITEMS | UNITS | SYMBOL | TOTALS
DITCH LINER | S.Y.
SOIL RETENT. MATERIAL | S.Y.
PAVED DITCH | C.Y.
RIP RAP | TON
GEOTEXTILE | S.Y.
SOLID SOD | S.Y.
SILT BASIN TYPE "D" | EACH
EARTHWORK TOTAL THIS SHEET
Cut | Cu. Yds.
Fill | Cu. Yds.
Excess | Cu. Yds.
Surplus | Cu. Yds.
Borrow | Cu. Yds.
STA. 702+34 82' RT. 16' OF 18" PIPE REQ'D. (CLASS III) 90° SKEW 1 - PA-1 REQ'D. 1 - MI-4A REQ'D. T.G. 298.718 FL. 297.18 H = 2.102' OPENINGS 1 @ 18"
STA. 702+48 91' LT. 56' OF 36" PIPE REQ'D. LT. (CLASS III) 0° SKEW 1 - PA-1 REQ'D. 1 - MI-1A REQ'D. T.G. 296.84 FL. 290.42 H = 7.06' OPENINGS 1 @30", 1" @36" 100 Yr. Discharge = 60.33 cfs Design Velocity = 12.20 fps D.A. = 10.20 AC.
STA. 702+62 81' RT. 16' OF 24" PIPE REQ'D. (CLASS III) 90° SKEW 1 - PA-1 REQ'D. 1 - MI-4A REQ'D. T.G. 299.04 FL. 296.90 H = 2.640' OPENINGS 1 @ 24"
STA. 709+73 87' LT. 8' OF 18" STACKED PIPE REQ'D. 1 - PA-1 REQ'D. 1 - MI-2 REQ'D. T.G. 311.19 FL. 299.15 H = 1.63' OPENINGS 2 @30" 100 Yr. Discharge = 69.96 cfs Design Velocity = 14.30 fps D.A. = 10.80 AC.
STA. 709+73 74' RT. 4' OF 30" PIPE REQ'D. RT. (CLASS III) 0° SKEW 1 - PC-1 REQ'D. 1 - PA-1 REQ'D. 1 - B-9 REQ'D. T.G. 312.61 FL. 304.79 H = 8.67' OPENINGS 2 @30"
STA. 716+50 3' RT. 76' OF 22"x13" ARCH PIPE REQ'D. (CLASS AIII) 0° SKEW 1 - 22"x13" ARCH FES REQ'D. LT. 1 - GI-1 REQ'D. T.G. 336.28 FL. 331.98 H = 5.0' OPENINGS 1 @22"x13" 72' OF SLOTTED DRAIN
STA. 717+38 3' RT. 72' OF 22"x13" ARCH PIPE REQ'D. (CLASS AIII) 0° SKEW 1 - 22"x13" ARCH FES REQ'D. RT. 1 - GI-1 REQ'D. T.G. 338.80 FL. 335.06 H = 4.45' OPENINGS 1 @22"x13" 24' OF SLOTTED DRAIN
STA. 721+22 74' LT. 1 - PA-1 REQ'D. 1 - MI-1 REQ'D. T.G. 343.49 FL. 337.44 (Adjust Inlet In Field) H = 6.55' OPENINGS 2 @18"
STA. 702+48 86' LT. 8' OF 30" PIPE REQ'D. LT. (CLASS III) 0° SKEW 1 - PC-1 REQ'D.
STA. 702+48 81' RT. 1 - JB-1 REQ'D. FL. 296.76 H = 5.20' OPENINGS W1 = 30" W2 = 24" W3 = 30" W4 = 18"
STA. 702+62 93' LT. REMOVE 53' EXIST. 36" RCP. & HEADWALL (UNDER FRONTAGE RD.)
STA. 702+62 81' RT. REMOVE EXIST. INLET, 6' EXIST. 30" RCP.
STA. 709+73 73' RT. REMOVE EXIST. INLET, 3' EXIST. 30" RCP.
STA. 709+73 87' LT. CAP EXIST. INLET.
STA. 709+73 74' RT. REMOVE 2' EXIST. 30" RCP.
STA. 716+71 81' LT. 112' OF 18" PIPE REQ'D. (CLASS III) 90° SKEW 2 - 18" FES REQ'D.
STA. 716+00 82' RT. 116' OF 18" PIPE REQ'D. (CLASS III) 90° SKEW 2 - 18" FES REQ'D.
STA. 721+22 74' LT. CAP EXIST. INLET, REMOVE 8' EXIST. 18" RCP.
STA. 721+22 PLUG & ABANDON EXIST. 18" RCP W/XX C.Y. CLASS "B" CONC.
STA. 727+97 82' LT. CAP EXIST. INLET
STA. 719+31 3' RT. 80' OF 22"x13" ARCH PIPE REQ'D. (CLASS AIII) 0° SKEW 1 - 22"x13" ARCH FES REQ'D. LT. 1 - GI-1 REQ'D. T.G. 344.12 FL. 339.63 H = 5.0' OPENINGS 1 @22"x13" 16' OF SLOTTED DRAIN
STA. 722+12 3' RT. 72' OF 22"x13" ARCH PIPE REQ'D (CLASS AIII) 0° SKEW 1 - 22"x13" ARCH FES REQ'D. LT. 1 - GI-1 REQ'D. T.G. 349.35 FL. 345.06 H = 5.0' OPENINGS 1 @22"x13" 16' OF SLOTTED DRAIN
STA. 727+81 3' RT. 84' OF 18" PIPE REQ'D. (CLASS III) 0° SKEW 1 - 18" FES REQ'D. RT. 1 - GI-1 REQ'D. T.G. 349.26 FL. 344.97 H = 5.0' OPENINGS 1 @18" 16' OF SLOTTED DRAIN
STA. 727+97 93' LT. 12' OF 18" PIPE REQ'D. LT. (Connect to Exist. Inlet) (CLASS III) 0° SKEW 1 - PA-1 REQ'D. 1 - MI-1 REQ'D. T.G. 340.52 FL. 335.19 H = 5.83' OPENINGS 1 @18" 100 Yr. Discharge = 45.03 cfs Design Velocity = 13.30 fps D.A. = 9.04 AC.
VPT 700+00 EL. 305.790
VPC 704+30 EL. 307.940
VPT 709+30 EL. 316.190
VPI 706+80 EL. 309.19 500' V.C. K = 217
VPC 718+60 EL. 342.230
VPI 724+60 EL. 359.03 1,200' V.C. K = 226 SSD = 698'
+0.500%
+2.800%
-2.51019%
Plan Grade
Exist. ℄ I - 55
HVC UNDERCUT
Spl. Dt. Rt.
Spl. Dt. Lt.
14.70' Exist. Vert. Clr. 16.03' Prop. Vert. Clr.
Exist. 5' Ft. XXX 80' Rt. (Remove)
Exist. 15' Ft. XXX 80' Rt. (Remove)
16' of 18" Pipe Req'd. Rt. @ 1.19%
56' of 36" Pipe Req'd. Lt. @ 1.05%
8' of 30" Pipe Req'd. Lt. @ 3.75%
Exist. 38" & Inlet Fl. 290.38 91' Lt. (In Place)
16' of 24" Pipe Req'd. Rt. @ 4.25%
Remove 6' Exist. 30" Exist. 38" Fl. 293.00 (In Place)
Remove Exist. Inlet, 3' Exist. 30" Fl. 294.76 Rt.
Remove 2' Exist. 30" Exist. 38" Fl. 301.76 (In Place)
18" Stacked Pipe Req'd. Lt.
4' of 30" Pipe Req'd. Rt. @ 2.75% (Connect to B-9)
Cap Exist. Inlet Exist. Inlet & 38" Fl. 295.18 81' Lt. (In Place)
72' of 22"x13" Arch Pipe Req'd. Lt. @ 1.51%
22"x13" Arch Req'd. Lt. DSFL 330.83
116' of 18" Pipe Req'd. Rt. @ 3.46%
18" Req'd. Rt. USFL 334.47 DSFL 330.53
112' of 18" Pipe Req'd. Lt. @ 2.71%
18" Req'd. Lt. USFL 335.37 DSFL 332.34
72' of 22"x13" Arch Pipe Req'd. Lt. @ 0.53%
22"x13" Arch Req'd. Rt. DSFL 334.68
40' of 22"x13" Arch Pipe Req'd. Rt. @ 1.71%
22"x13" Arch Req'd. Lt. DSFL 338.46
72' of 22"x13" Arch Pipe Req'd. Lt. @ 1.65%
22"x13" Arch Req'd. Lt. DSFL 343.87
Exist. 18" & Inlet Fl. 343.31 (In Place) Plug & Abandon
Cap Exist. Inlet, Remove 8' Exist. 18" Exist. 18" & Inlet Fl. 337.76 74' Lt. (In Place)
84' of 18" Pipe Req'd. Rt. @ 3.43%
18" Req'd. Rt. DSFL 342.08
72' of 22"x13" Arch Pipe Req'd. Lt. @ 2.00% (Connect into Exist. Inlet)
Cap Exist. Inlet Exist. Inlet & 42" Fl. 329.70 82' Lt. (In Place)
Exist. 42" Fl. 326.26 (In Place)
PRELIMINARY NOT FOR CONSTRUCTION
SCALE: 1"=10' VERT.
305.72 305.79 306.34 306.29 306.78 306.79 307.23 307.29 307.76 307.79 308.39 308.40 309.43 309.45 310.92 310.97 312.84 312.94 315.28 315.37 318.14 318.15 321.23 320.95 324.30 323.75 327.29 326.55 330.33 329.35 333.42 332.15 336.25 334.95 339.10 337.75 341.98 340.55 344.31 343.31 346.36 345.72 348.00 347.68 349.31 349.19 350.15 350.27 350.64 350.90 350.77 351.09 350.37 350.83 349.51 350.14 348.19 349.00
700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728
DESIGN TEAM: Florence & Hutcheson
FILENAME: WK8.DGN
COUNTY: HINDS
PROJECT NO. : IM-0055-02(218)
SHEET ID: I-55

STATE	PROJECT NO.
MISS.	IM-0055-02(218)

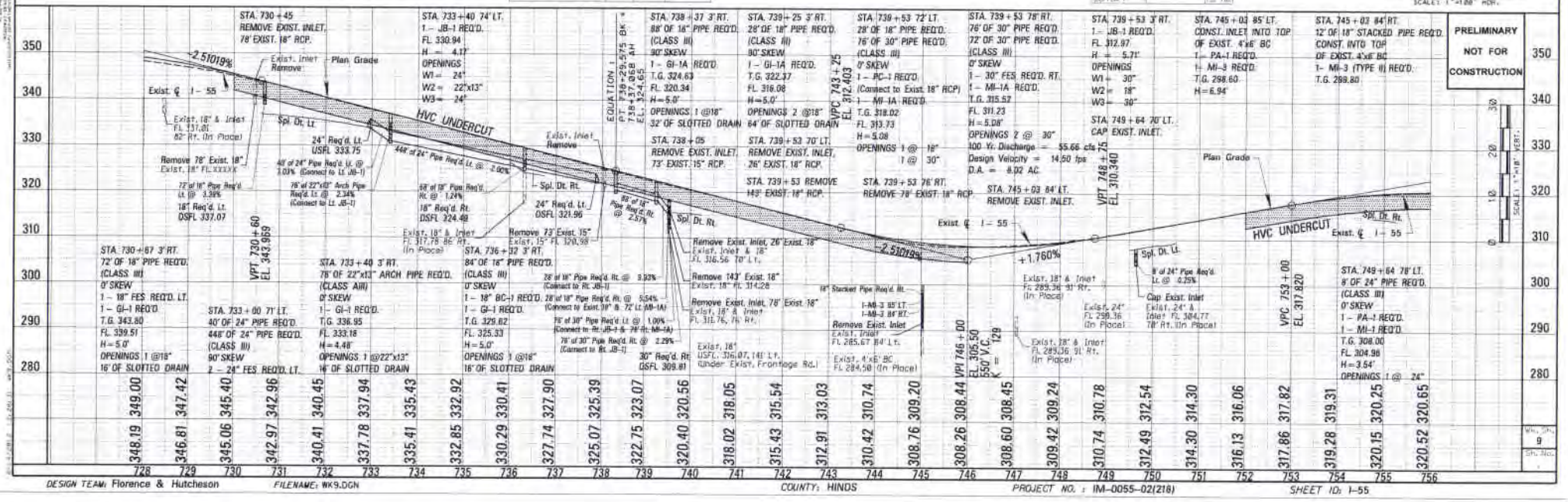


EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL RETENTION MATERIAL	S.Y.	XXXXXXX	
PAVED DITCH	S.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		
SILT BASIN TYPE "D"	EACH		

EARTHWORK	TOTAL THIS SHEET
CUT	CU. YD.
FILL	CU. YD.
EXCESS	CU. YD.
SURPLUS	CU. YD.
BORROW	CU. YD.

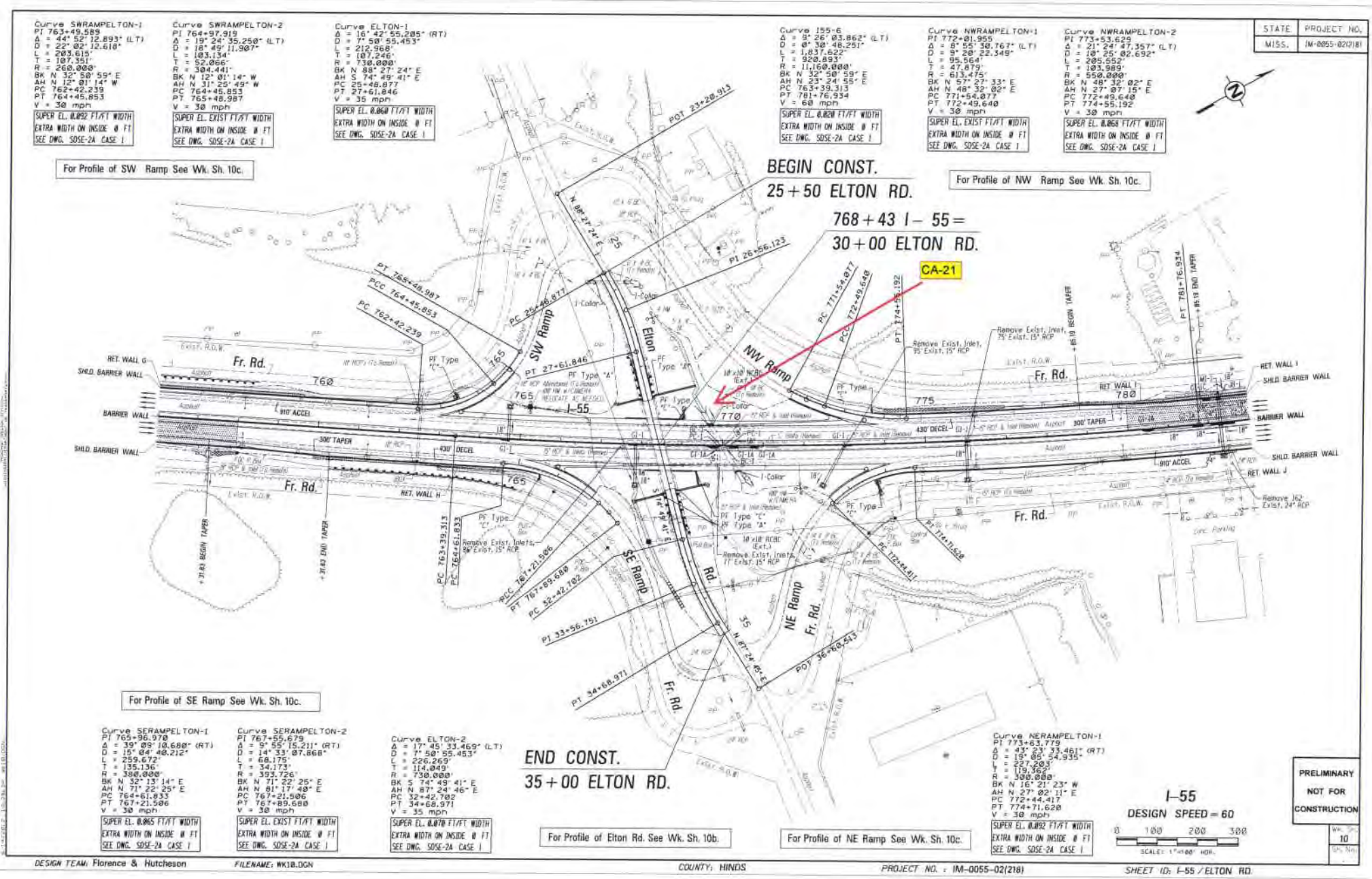
I – 55
DESIGN SPEED = 60

0 100 200 300
SCALE: 1"=100' HOR.



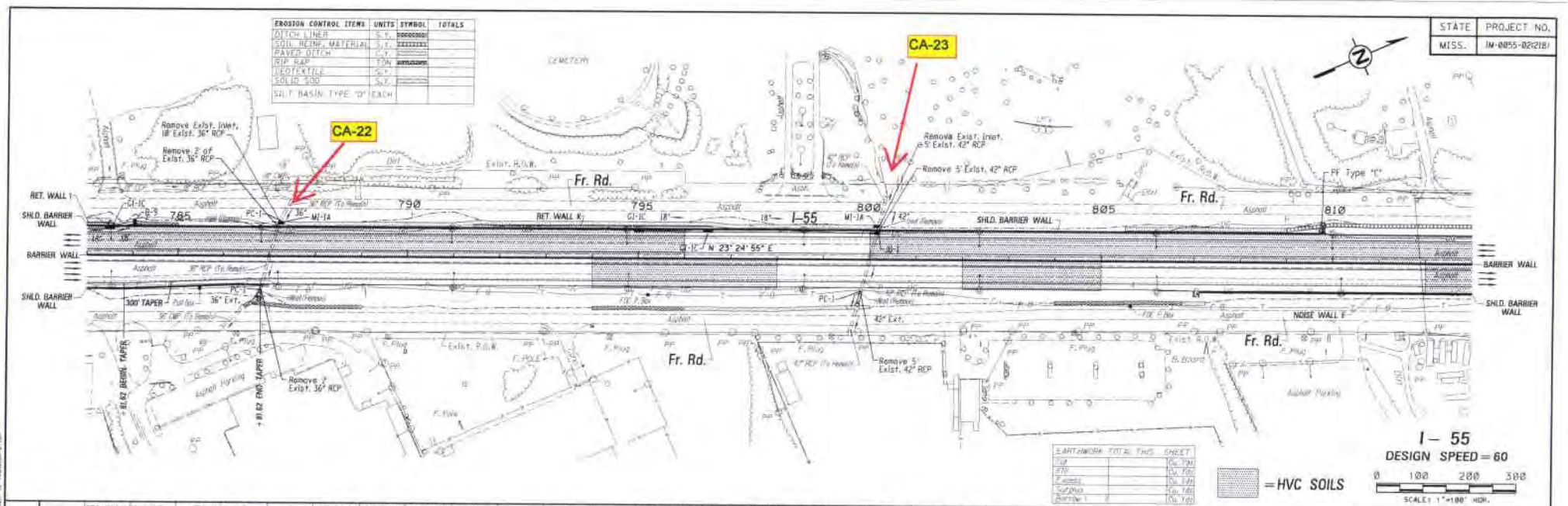
DESIGN TEAM: Florence & Hutcheson FILENAME: WK9.DGN COUNTY: HINDS PROJECT NO. : IM-0055-02(218) SHEET ID: I-55

WK. DN. 9
SH. NO.


Curve SWRAMPELTON-1
PI 763+49.589
Δ = 44° 52' 12.893" (LT)
D = 22° 02' 12.618"
L = 283.615'
T = 107.351'
R = 260.000'
BK N 32° 50' 59" E
AH N 12° 01' 14" W
PC 762+42.239
PT 764+45.853
V = 30 mph
SUPER EL. 0.092 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve SWRAMPELTON-2
PI 764+97.919
Δ = 19° 24' 35.258" (LT)
D = 18° 49' 11.907"
L = 103.134'
T = 52.066'
R = 304.441'
BK N 12° 01' 14" W
AH N 31° 25' 49" W
PC 764+45.853
PT 765+48.987
V = 30 mph
SUPER EL. EXIST FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve ELTON-1
Δ = 16° 42' 55.285" (RT)
D = 7° 50' 55.453"
L = 212.968'
T = 107.246'
R = 730.000'
BK N 88° 27' 24" E
AH S 74° 49' 41" E
PC 25+46.877
PT 27+61.846
V = 35 mph
SUPER EL. 0.060 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve I55-6
PI 772+01.955
Δ = 8° 56' 30.767" (LT)
D = 9° 28' 22.349"
L = 95.564'
T = 47.879'
R = 613.475'
BK N 32° 50' 59" E
AH N 23° 24' 55" E
PC 763+39.313
PT 761+76.934
V = 60 mph
SUPER EL. 0.020 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve NWRAMPELTON-1
PI 772+01.955
Δ = 8° 56' 30.767" (LT)
D = 9° 28' 22.349"
L = 95.564'
T = 47.879'
R = 613.475'
BK N 32° 50' 59" E
AH N 23° 24' 55" E
PC 763+39.313
PT 761+76.934
V = 60 mph
SUPER EL. EXIST FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve NWRAMPELTON-2
PI 773+53.629
Δ = 21° 24' 47.357" (LT)
D = 18° 25' 02.692"
L = 205.552'
T = 103.989'
R = 550.000'
BK N 48° 32' 02" E
AH N 27° 07' 15" E
PC 772+49.640
PT 774+55.192
V = 30 mph
SUPER EL. 0.068 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
STATE
MISS.
PROJECT NO.
IM-0055-02(218)
For Profile of SW Ramp See Wk. Sh. 10c.
For Profile of NW Ramp See Wk. Sh. 10c.
BEGIN CONST.
25+50 ELTON RD.
768+43 I-55 =
30+00 ELTON RD.
CA-21
SW Ramp
NW Ramp
SE Ramp
NE Ramp
Elton Rd.
Fr. Rd.
I-55
RET. WALL G
RET. WALL H
RET. WALL I
RET. WALL J
SHLD. BARRIER WALL
BARRIER WALL
910' ACCEL
430' DECEL
300' TAPER
Remove Exist. Inlets, 95' Exist. 15" RCP
Remove Exist. Inlet, 75' Exist. 15" RCP
Remove Exist. Inlets, 84' Exist. 15" RCP
Remove Exist. Inlets, 77' Exist. 15" RCP
Remove 162' Exist. 24" RCP
10'x10' RCBC (Ext.)
Exist. R.O.W.
Exist. Parking
PC 25+46.877
PT 27+61.846
PC 762+42.239
PT 765+48.987
PC 763+39.313
PC 764+61.833
PT 767+21.506
PCC 767+21.506
PT 767+89.680
PC 32+42.702
PI 33+56.751
PT 34+68.971
PC 772+44.417
PT 774+71.628
PCC 772+49.640
PT 774+55.192
PT 781+76.934
+31.83 BEGIN TAPER
+31.83 END TAPER
+85.19 BEGIN TAPER
+85.19 END TAPER
For Profile of SE Ramp See Wk. Sh. 10c.
For Profile of Elton Rd. See Wk. Sh. 10b.
For Profile of NE Ramp See Wk. Sh. 10c.
END CONST.
35+00 ELTON RD.
Curve SERAMPELTON-1
PI 765+96.978
Δ = 39° 09' 10.680" (RT)
D = 15° 04' 48.212"
L = 259.672'
T = 135.136'
R = 380.000'
BK N 32° 13' 14" E
AH N 71° 22' 25" E
PC 764+61.833
PT 767+21.506
V = 30 mph
SUPER EL. 0.065 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve SERAMPELTON-2
PI 767+55.679
Δ = 9° 55' 15.211" (RT)
D = 14° 33' 07.868"
L = 68.175'
T = 34.173'
R = 393.726'
BK N 71° 22' 25" E
AH N 81° 17' 40" E
PC 767+21.506
PT 767+89.680
V = 30 mph
SUPER EL. EXIST FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve ELTON-2
Δ = 17° 45' 33.469" (LT)
D = 7° 50' 55.453"
L = 226.269'
T = 114.049'
R = 730.000'
BK S 74° 49' 41" E
AH N 87° 24' 46" E
PC 32+42.702
PT 34+68.971
V = 35 mph
SUPER EL. 0.070 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
Curve NERAMPELTON-1
PI 773+63.779
Δ = 43° 23' 23.461" (RT)
D = 19° 05' 54.935"
L = 227.203'
T = 119.362'
R = 300.000'
BK N 16° 21' 23" W
AH N 27° 02' 11" E
PC 772+44.417
PT 774+71.620
V = 30 mph
SUPER EL. 0.092 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE 1
I-55
DESIGN SPEED = 60
0 100 200 300
SCALE: 1"=100' HOR.
PRELIMINARY
NOT FOR
CONSTRUCTION
Wk. Sh. 10
DESIGN TEAM: Florence & Hutcheson
FILENAME: WK10.DGN
COUNTY: HINDS
PROJECT NO. : IM-0055-02(218)
SHEET ID: I-55 / ELTON RD.

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	L.F.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		
SILT BASIN, TYPE "D"	EACH		

STATE	PROJECT NO.
MISS.	IM-0055-02(218)



EARTHWORK TOTALS THIS SHEET	
CUT	Cu. Yds.
FILL	Cu. Yds.
EXCESS	Cu. Yds.
SHRINK	Cu. Yds.
BORROW	Cu. Yds.

= HVC SOILS

I – 55
DESIGN SPEED = 60

SCALE: 1"=100' HOR.

PRELIMINARY NOT FOR CONSTRUCTION

STA. 783+50 61' LT.
118' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI-1C REQ'D.
T.G. 291.28
FL. 286.99
H = 5.0'
OPENINGS 2 @ 18"

STA. 784+04 71' LT.
56' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – PA-1 REQ'D.
1 – B-8 REQ'D.
T.G. 289.56
FL. 287.35
H = 2.7'
OPENINGS 1 @ 18"
D.A. = 0.91 Ac.

STA. 787+80 74' RT.
REMOVE 2'
EXIST. 36" RCP.

STA. 787+19 66' LT.
REMOVE 2'
EXIST. 36" RCP.

STA. 787+19 67' LT.
REMOVE EXIST. INLET,
10' EXIST. 36" RCP.

STA. 787+00
12' OF 36" PIPE EXT. REQ'D. RT.
(CLASS III)
15° SKEW LT. FWD.
1 – 36" FES REQ'D. RT.
1 – PC-1 REQ'D.
100 Yr. Discharge = 68.52 cfs
Design Velocity = 17.70 fps
D.A. = 15.51 AC.

STA. 787+21 76' LT.
4' OF 36" PIPE REQ'D.
8' OF 36" PIPE REQ'D.
(Connect to Exist. 36")
(CLASS III)
0° SKEW
2 – PC-1 REQ'D.
1 – PA-1 REQ'D.
1 – MI-1A REQ'D.
T.G. 289.20
FL. 284.36
H = 5.67'
OPENINGS 2 @ 36"

STA. 795+00 61' LT.
148' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI-1C REQ'D.
T.G. 293.91
FL. 289.61
H = 5.0'
OPENINGS 1 @ 18"

STA. 796+50 61' LT.
364' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI-1C REQ'D.
T.G. 291.95
FL. 287.93
H = 4.73'
OPENINGS 2 @ 18"

STA. 795+99
24' OF 42" PIPE EXT. REQ'D. RT.
(CLASS III)
15° SKEW LT. FWD.
1 – 42" FES REQ'D. RT.
1 – PC-1 REQ'D.
100 Yr. Discharge = 64.7 cfs
Design Velocity = 15.6 fps
D.A. = 17.0 AC.

STA. 800+14 81' LT.
1 – JB-1 REQ'D.
FL. 278.89
H = 5.67'
OPENINGS
W1 = 42"
W2 = 18"
W3 = 42"

STA. 800+17 73' LT.
12' OF 42" PIPE REQ'D.
(Connect to Exist. 42")
(CLASS III)
0° SKEW
1 – PA-1 REQ'D.
1 – MI-1A REQ'D.
T.G. 284.55
FL. 279.15
H = 6.28'
OPENINGS 2 @ 42"

STA. 799+80 70' RT.
REMOVE 5' EXIST. 42" RCP.

STA. 800+14 61' LT.
REMOVE EXIST. INLET,
5' EXIST. 42" RCP.

STA. 800+17 70' LT.
REMOVE EXIST. INLET,
5' EXIST. 42" RCP.

VPI 784+50
EL. 291.60
600' V.C.
K = 390

VPI 787+50
EL. 293.940

VPI 793+00
EL. 298.23
500' V.C.
K = 236
SSD = 759'

VPC 790+50
EL. 296.280

VPI 795+50
EL. 294.880

VPC 810+50
EL. 274.780

-0.760%
+0.780%
-1.340%
-1.340%

Exist. ℄ I – 55
Plan Grade
Spl. Dt. Lt.
Spl. Dt. Rt.
HVC UNDERCUT

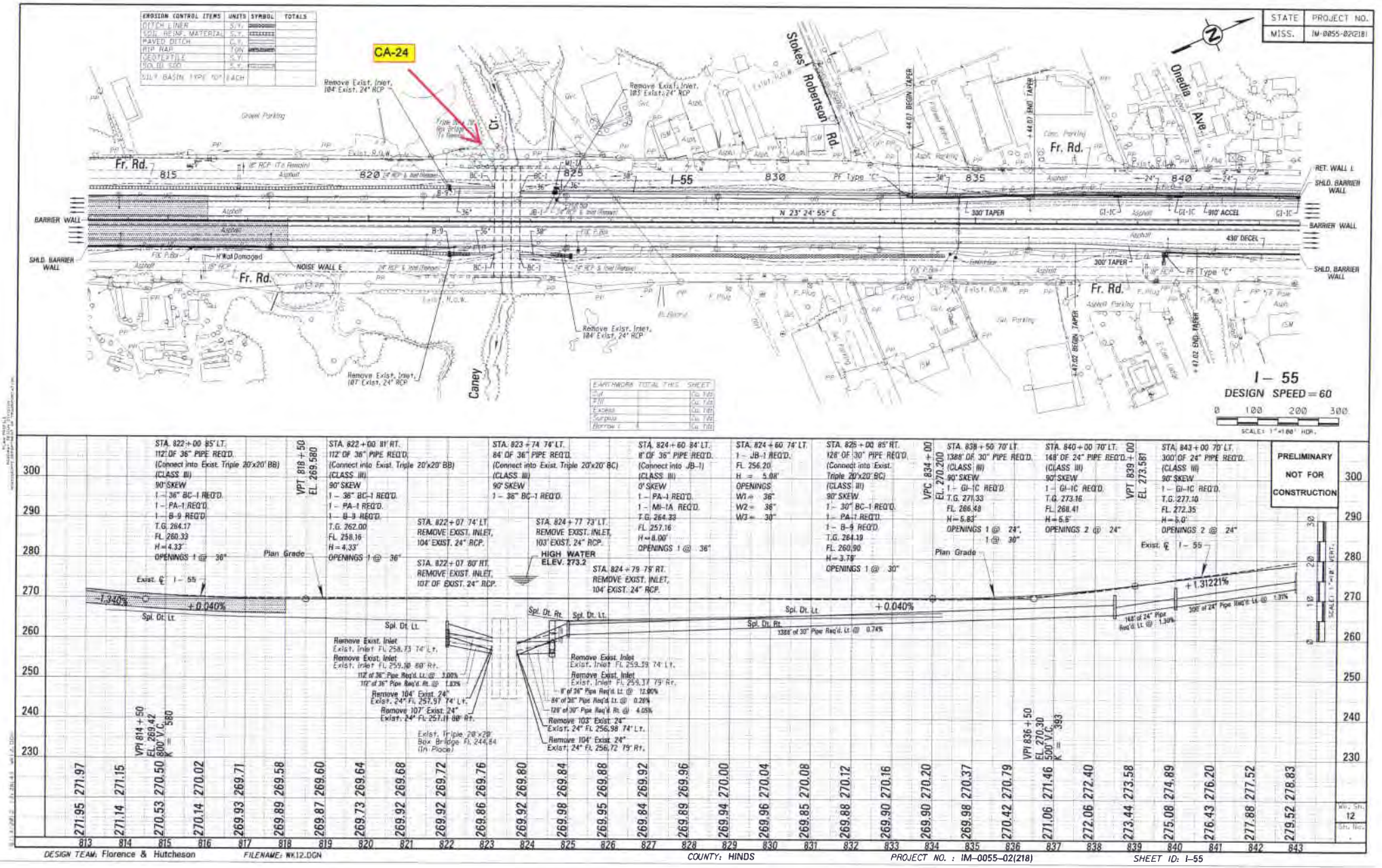
50' of 18" Pipe Req'd. Lt. @ 0.64%
118' of 18" Pipe Req'd. Lt. @ 0.59% (Connect to Lt. JB-1)
Remove 4' Exist. 36" Exist. 36" Fl. 282.31 (In Place)
12' of 36" Pipe Req'd. Rt. @ 1.97%
36" Ext. Req'd. Rt. USFL 280.17 DSFL 280.04
Remove Exist. Inlet, 10' Exist. 36" & Inlet Exist. 36" Fl. 284.29 68' Lt.
4' of 36" Pipe Req'd. Lt. @ 4.20%
8' of 36" Pipe Req'd. Lt. @ 1.88%
148' of 18" Pipe Req'd. Lt. @ 1.14%
364' of 18" Pipe Req'd. Lt. @ 1.94%
Remove 10' Exist. 36" Exist. 42" Fl. 277.52 (In Place)
24' of 42" Pipe Req'd. Rt. @ 1.79%
42" Ext. Req'd. Rt. USFL 275.61 DSFL 275.38
Remove Exist. Inlet Inlet Fl. 279.09 68' Lt.
Remove 5' Exist. 36" Exist. 42" Fl. 279.09 68' Lt. (In Place)
12' of 42" Pipe Req'd. Lt. @ 2.17%
Plan Grade
Exist. ℄ I – 55
Spl. Dt. Lt.
HVC UNDERCUT
-1.340%

SCALE: 1"=10' VERT.

783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	
292.93	293.03																														
	292.88	292.78																													
		293.21	292.79																												
			293.58	293.06																											
				293.54	293.58																										
					294.22	294.33																									
						295.06	295.11																								
							295.68	295.89																							
								296.50	296.62																						
									297.01	296.97																					
										297.05	296.91																				
											296.30	296.41																			
												295.14	295.50																		
													293.95	294.21																	
														292.74	292.87																
															291.57	291.53															
																290.44	290.19														
																	289.09	288.85													
																		287.49	287.51												
																			286.08	286.17											
																				284.70	284.83										
																					283.41	283.49									
																						282.22	282.15								
																							281.06	280.81							
																								279.60	279.47						
																									278.21	278.13					
																										276.84	276.79				
																											275.52	275.45			
																												274.15	274.13		
																													273.05	272.96	
																														271.95	271.97

Wk. Sht.
11
Sh. No.
-

DESIGN TEAM: Florence & Hutcheson
FILENAME: WK11.DGN
COUNTY: HINDS
PROJECT NO. : IM-0055-02(218)
SHEET ID: I-55


STATE MISS.
PROJECT NO. IM-0055-02(218)
EROSION CONTROL ITEMS | UNITS | SYMBOL | TOTALS
DITCH LINER S.Y.
SOIL REINF. MATERIAL S.Y.
PAVED DITCH C.Y.
RIP RAP TON
GEOTEXTILE S.Y.
SOLID SOD S.Y.
SILT BASIN TYPE "D" EACH
CA-24
Remove Exist. Inlet, 104' Exist. 24" RCP
Remove Exist. Inlet, 103' Exist. 24" RCP
Remove Exist. Inlet, 104' Exist. 24" RCP
Remove Exist. Inlet, 107' Exist. 24" RCP
Caney Cr.
Stokes Robertson Rd.
Onedia Ave.
Fr. Rd.
I-55
815
820
825
830
835
840
N 23° 24' 55" E
+44.07 BEGIN TAPER
+44.07 END TAPER
+47.02 BEGIN TAPER
+47.02 END TAPER
300' TAPER
910' ACCEL
430' DECEL
PF Type "C"
BARRIER WALL
SHLD. BARRIER WALL
RET. WALL L
NOISE WALL E
Gravel Parking
EARTHWORK TOTAL THIS SHEET
Cut Cu. Yds.
Fill Cu. Yds.
Excess Cu. Yds.
Surplus Cu. Yds.
Borrow Cu. Yds.
I — 55
DESIGN SPEED = 60
0 100 200 300
SCALE: 1"=100' HOR.
SCALE: 1"=10' VERT.
PRELIMINARY
NOT FOR
CONSTRUCTION
300
290
280
270
260
250
240
230
STA. 822+00 85' LT.
112' OF 36" PIPE REQ'D.
(Connect into Exist. Triple 20'x20' BB)
(CLASS III)
90° SKEW
1 – 36" BC–1 REQ'D.
1 – PA–1 REQ'D.
1 – B–9 REQ'D.
T.G. 264.17
FL. 260.33
H = 4.33'
OPENINGS 1 @ 36"
VPT 818 + 50
EL. 269.580
STA. 822+00 81' RT.
112' OF 36" PIPE REQ'D.
(Connect into Exist. Triple 20'x20' BB)
(CLASS III)
90° SKEW
1 – 36" BC–1 REQ'D.
1 – PA–1 REQ'D.
1 – B–9 REQ'D.
T.G. 262.00
FL. 258.16
H = 4.33'
OPENINGS 1 @ 36"
STA. 822+07 74' LT.
REMOVE EXIST. INLET,
104' EXIST. 24" RCP.
STA. 822+07 80' RT.
REMOVE EXIST. INLET,
107' OF EXIST. 24" RCP.
STA. 823+74 74' LT.
84' OF 36" PIPE REQ'D.
(Connect into Exist. Triple 20'x20' BC)
(CLASS III)
90° SKEW
1 – 36" BC–1 REQ'D.
STA. 824+77 73' LT.
REMOVE EXIST. INLET,
103' EXIST. 24" RCP.
HIGH WATER
ELEV. 273.2
STA. 824+79 79' RT.
REMOVE EXIST. INLET,
104' EXIST. 24" RCP.
STA. 824+60 84' LT.
8' OF 36" PIPE REQ'D.
(Connect into JB–1)
(CLASS III)
0° SKEW
1 – PA–1 REQ'D.
1 – MI–1A REQ'D.
T.G. 264.33
FL. 257.16
H = 8.00'
OPENINGS 1 @ 36"
STA. 824+60 74' LT.
1 – JB–1 REQ'D.
FL. 256.20
H = 5.08'
OPENINGS
W1 = 36"
W2 = 36"
W3 = 30"
STA. 825+00 85' RT.
128' OF 30" PIPE REQ'D.
(Connect into Exist. Triple 20'x20' BC)
(CLASS III)
90° SKEW
1 – 30" BC–1 REQ'D.
1 – PA–1 REQ'D.
1 – B–9 REQ'D.
T.G. 264.19
FL. 260.90
H = 3.75'
OPENINGS 1 @ 30"
VPC 834 + 00
EL. 270.200
STA. 838+50 70' LT.
1388' OF 30" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1C REQ'D.
T.G. 271.33
FL. 266.48
H = 5.83'
OPENINGS 1 @ 24", 1 @ 30"
STA. 840+00 70' LT.
148' OF 24" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1C REQ'D.
T.G. 273.16
FL. 268.41
H = 5.5'
OPENINGS 2 @ 24"
VPT 839 + 00
EL. 273.581
STA. 843+00 70' LT.
300' OF 24" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1C REQ'D.
T.G. 277.10
FL. 272.35
H = 5.0'
OPENINGS 2 @ 24"
Exist. ℄ I – 55
Plan Grade
-1.340%
+0.040%
+0.040%
+1.31221%
Spl. Dt. Lt.
Spl. Dt. Rt.
Remove Exist. Inlet
Exist. Inlet Fl. 258.73 74' Lt.
Remove Exist. Inlet
Exist. Inlet Fl. 259.10 80' Rt.
112' of 36" Pipe Req'd. Lt. @ 3.00%
112' of 36" Pipe Req'd. Rt. @ 1.83%
Remove 104' Exist. 24"
Exist. 24" Fl. 257.97 74' Lt.
Remove 107' Exist. 24"
Exist. 24" Fl. 257.11 80' Rt.
Exist. Triple 20'x20' Box Bridge Fl. 244.84 (In Place)
Remove Exist. Inlet
Exist. Inlet Fl. 259.39 74' Lt.
Remove Exist. Inlet
Exist. Inlet Fl. 259.37 79' Rt.
8' of 36" Pipe Req'd. Lt. @ 12.00%
84' of 36" Pipe Req'd. Lt. @ 0.28%
128' of 30" Pipe Req'd. Rt. @ 4.05%
Remove 103' Exist. 24"
Exist. 24" Fl. 256.98 74' Lt.
Remove 104' Exist. 24"
Exist. 24" Fl. 256.72 79' Rt.
1388' of 30" Pipe Req'd. Lt. @ 0.74%
148' of 24" Pipe Req'd. Lt. @ 1.30%
300' of 24" Pipe Req'd. Lt. @ 1.31%
VPI 814 + 50
EL. 269.42
800' V.C.
K = 580
VPI 836 + 50
EL. 270.30
500' V.C.
K = 393
271.95 271.97
271.14 271.15
270.53 270.50
270.14 270.02
269.93 269.71
269.89 269.58
269.87 269.60
269.73 269.64
269.92 269.68
269.92 269.72
269.86 269.76
269.92 269.80
269.98 269.84
269.95 269.88
269.84 269.92
269.89 269.96
269.94 270.00
269.96 270.04
269.85 270.08
269.88 270.12
269.90 270.16
269.90 270.20
269.98 270.37
270.42 270.79
271.06 271.46
272.06 272.40
273.44 273.58
275.08 274.89
276.43 276.20
277.88 277.52
279.52 278.83
813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843
Wk. Sh. No. 12
DESIGN TEAM: Florence & Hutcheson
FILENAME: WK12.DGN
COUNTY: HINDS
PROJECT NO. : IM-0055-02(218)
SHEET ID: I-55

STATE	PROJECT NO.
MISS.	IM-0055-02(218)

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	S.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		
SILT BASIN TYPE "D"	EACH		

CA-25

= HVC SOILS

Hardy Creek

Fr. Rd. 930 925 920 915 910 905

I – 55

SHLD. BARRIER WALL

BARRIER WALL

SHLD. BARRIER WALL

Remove 3' Exist. 18" RCP

Remove Exist. Inlet, 38' Exist. 18" RCP

+78.95 END TAPER

Remove Exist. Inlet, 63' Exist. 15" RCP

Remove Exist. Inlet, 63' Exist. 15" RCP

PC 912+97.340

Remove Exist. Inlet, 78' Exist. 15" RCP

Remove 54' Exist. 18" RCP

Remove 15' Exist. 18" RCP

Remove 17' Exist. 38" RCP

Remove 16' Exist. 38" RCP

Remove Exist. Inlet, 56' Exist. 15" RCP

Remove Exist. Inlet, 80' Exist. 15" RCP

+04.09 BEGIN TAPER

+04.09 END TAPER

300' TAPER

910' ACCEL

Curve 155-8
Δ = 19° 30' 25.138" (LT)
D = 0° 59' 47.214"
L = 1,957.651'
T = 988.391'
R = 5,750.000'
BK N 13° 37' 22" E
AH N 5° 53' 03" W
PC 912+97.340
PT 932+54.991
V = 60 mph

SUPER EL. 0.030 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2A CASE I

EARTHWORK TOTALS THIS SHEET	
CUT	Cu. Yds.
FILL	Cu. Yds.
EXCESS	Cu. Yds.
SUB BASE	Cu. Yds.
BORROW	Cu. Yds.

I – 55
DESIGN SPEED = 60

0 100 200 300
SCALE: 1"=100' HOR.

PRELIMINARY
NOT FOR
CONSTRUCTION

VPI 930+00 EL. 304.49
1,200' V.C. K = 209
SSD = 672'

Exist. ℄ I – 55

+3.600%

HVC UNDERCUT

REGULATORY HIGH WATER ELEV. 271.4

+0.06818%

+0.34%

Sol. Dr. Lt.

Sol. Dr. Rt.

STA. 902+00 83' LT.
88' OF 24" PIPE REQ'D.
(Connect into Exist. 26'x17' Box Bridge)
(CLASS III)
90° SKEW
1 – 24" BC–1 REQ'D.
1 – MI–4A REQ'D.
T.G. 263.78
FL. 261.63
H = 2.665'
OPENINGS 1 @24"

STA. 902+00 87' RT.
88' OF 30" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – PC–1 REQ'D.
1 – PA–1 REQ'D.
1 – B–9 REQ'D.
1–30" BC–1 REQ'D.
T.G. 263.78
FL. 257.96
H = 6.50'
OPENINGS 2 @30"

STA. 902+82 87' LT.
72' OF 24" PIPE REQ'D.
(Connect into Exist. 26'x17' Box Bridge)
(CLASS III)
90° SKEW
1 – 24" BC–1 REQ'D.
1 – PA–1 REQ'D.
1 – MI–4A REQ'D.
T.G. 265.03
FL. 262.89
H = 2.665'
OPENINGS 1 @24"

STA. 903+82 86' RT.
72' OF 18" PIPE REQ'D.
(Connect into Exist. 26'x17' Box Bridge)
(CLASS III)
90° SKEW
1 – 18" BC–1 REQ'D.
1 – PA–1 REQ'D.
1 – MI–4A REQ'D.
T.G. 264.37
FL. 262.77
H = 2.123'
OPENINGS 1 @18"

STA. 911+72 3' RT.
80' OF 18" PIPE REQ'D.
(CLASS III)
0° SKEW
1 – 18" FES REQ'D. RT.
1 – GI–1A REQ'D.
T.G. 271.38
FL. 266.66
H = 5.44'
OPENINGS 2 @18"
8' OF SLOTTED DRAIN

STA. 911+72 3' RT.
28' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
OPENINGS 2 @18"
8' OF SLOTTED DRAIN

STA. 912+00 3' RT.
28' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1A REQ'D.
T.G. 271.42
FL. 266.76
H = 5.37'
OPENINGS 2 @18"
8' OF SLOTTED DRAIN

STA. 912+27 3' RT.
28' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1A REQ'D.
T.G. 271.45
FL. 266.86
H = 5.30'
OPENINGS 2 @18"
8' OF SLOTTED DRAIN

STA. 912+55 3' RT.
40' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1A REQ'D.
T.G. 271.49
FL. 266.98
H = 5.24'
OPENINGS 2 @18"
8' OF SLOTTED DRAIN

STA. 912+97 3' RT.
64' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1A REQ'D.
T.G. 271.55
FL. 267.12
H = 5.14'
OPENINGS 2 @18"
8' OF SLOTTED DRAIN

STA. 913+60 3' RT.
96' OF 22"x13" ARCH PIPE REQ'D.
(CLASS AIII) 90° SKEW
1 – GI–1A REQ'D.
T.G. 271.63, FL. 267.34
H = 5.00'
OPENINGS 1 @18", 1 @22"x13"
8' OF SLOTTED DRAIN

STA. 925+87 3' RT.
284' OF 18" PIPE REQ'D.
(CLASS III)
90° SKEW
1 – GI–1A REQ'D.
T.G. 288.83
FL. 284.54
H = 5.00'
OPENINGS 1 @18"
16' OF SLOTTED DRAIN

STA. 928+70 3' RT.
80' OF 22"x13" ARCH PIPE REQ'D.
(CLASS III)
0° SKEW
1 – 22"x13" ARCH FES REQ'D. RT.
1 – GI–1 REQ'D. LT.
1 – GI–1 REQ'D.
T.G. 294.58
FL. 290.29
H = 5.00'
OPENINGS 1 @22"x13"
16' OF SLOTTED DRAIN

STA. 903+34 75' LT.
REMOVE EXIST. INLET, 30' EXIST. 18" RCP.

STA. 904+38 81' RT.
REMOVE 36' EXIST. 18" RCP.

STA. 912+87
REMOVE EXIST. INLET, 56' EXIST. 15" RCP.

STA. 912+97
REMOVE EXIST. INLET, 63' EXIST. 15" RCP.

STA. 902+72 78' LT.
REMOVE 15' EXIST. 18" RCP.

STA. 902+72 78' RT.
REMOVE 43' EXIST. 18" RCP.

STA. 920+21 3' RT.
152' OF 18" PIPE REQ'D.
(Connect to Exist. 60" RCP)
(CLASS III)
90° SKEW
1 – 18" BC–1 REQ'D.
1 – GI–1A REQ'D.
T.G. 273.70
FL. 269.41
H = 5.00'
OPENINGS 1 @18"
16' OF SLOTTED DRAIN

STA. 923+04 3' RT.
84' OF 22"x13" ARCH PIPE REQ'D.
(CLASS AIII)
0° SKEW
1 – 22"x13" ARCH FES REQ'D. RT.
1 – GI–1A REQ'D.
T.G. 279.56
FL. 275.33
H = 4.94'
OPENINGS 1 @22"x13", 1 @18"
16' OF SLOTTED DRAIN

STA. 916+43 3' RT.
188' OF 22"x13" ARCH PIPE REQ'D.
(CLASS AIII)
90° SKEW
1 – GI–1A REQ'D.
T.G. 272.21
FL. 268.39
H = 4.53'
OPENINGS 1 @22"x13"
8' OF SLOTTED DRAIN

STA. 914+55 3' RT.
188' OF 22"x13" ARCH PIPE REQ'D.
(CLASS AIII)
90° SKEW
1 – GI–1A REQ'D.
T.G. 271.74
FL. 267.78
H = 4.69'
OPENINGS 2 @22"x13"
8' OF SLOTTED DRAIN

STA. 918+00 76' RT.
60' OF 30" PIPE REQ'D.
(CLASS III)
1 – PC–1 REQ'D.
1 – PA–1 REQ'D.
0° SKEW

STA. 918+00
REMOVE EXIST. INLET,
63' EXIST. 15" RCP.

STA. 918+32 3' RT.
36' OF 18" PIPE REQ'D.
(Connect to Exist. 60" RCP)
(CLASS III)
90° SKEW
1 – 18" BC–1 REQ'D.

STA. 918+79 76' RT.
REMOVE 17'
EXIST. 30" RCP.

STA. 919+40 76' RT.
68' OF 30" PIPE REQ'D.
(CLASS III)
0° SKEW
1 – PC–1 REQ'D.
1 – PA–1 REQ'D.

STA. 918+55 76' RT.
REMOVE 16'
EXIST. 30" RCP.

STA. 924+47
REMOVE EXIST. INLET,
80' EXIST. 15" RCP.

STA. 916+55 3' RT.
REMOVE 56' EXIST. 15"
Exist. 15" FL 267.65

STA. 918+00 76' RT.
60' OF 30" PIPE REQ'D.
(CLASS III)
1 – PC–1 REQ'D.
1 – PA–1 REQ'D.

STA. 918+32 3' RT.
36' OF 18" PIPE REQ'D.
(Connect to Exist. 60" RCP)
(CLASS III)
90° SKEW
1 – 18" BC–1 REQ'D.

STA. 918+79 76' RT.
REMOVE 17'
EXIST. 30" RCP.

STA. 919+40 76' RT.
68' OF 30" PIPE REQ'D.
(CLASS III)
0° SKEW
1 – PC–1 REQ'D.
1 – PA–1 REQ'D.

STA. 918+55 76' RT.
REMOVE 16'
EXIST. 30" RCP.

STA. 924+47
REMOVE EXIST. INLET,
80' EXIST. 15" RCP.

Remove 3' Exist. 18" RCP
Exist. 18" Fl. 255.26
79' Rt. (In Place)

Remove 43' Exist. 18"
Exist. 18" Fl. 255.26
79' Rt.
Exist. 18" Fl. 255.23
79' Rt. (In Place)

Exist. 26'x17' Box Bridge
Fl. 243.36 (In Place)

Remove Exist. Inlet
Exist. 18" Fl. 258.81
15' Lt.

Remove 30' Exist. 18"
Exist. 18" Fl. 255.23
79' Rt.

Remove 56' Exist. 15"
Exist. 15" Fl. 267.65

Remove 63' Exist. 15"
Exist. 15" Fl. 268.15

Remove 63' Exist. 15"
Exist. 15" Fl. 268.92

Remove 70' Exist. 15"
Exist. 15" Fl. 269.98

Remove 80' Exist. 15"
Exist. 15" Fl. 273.07

Exist. 60" Fl. 262.67 (In Place)

Exist. 30" Fl. 265.34
78' Lt. (In Place)

Exist. 30" Fl. 262.13
76' Rt.

Exist. 30" Fl. 265.92 78' Lt. (In Place)

Exist. 30" Fl. 262.43 77' Rt.

Exist. Inlet Remove

VPC 913+50 EL. 271.578

VPC 915+50 EL. 272.190

VPC 916+50 EL. 272.470

VPC 921+50 EL. 273.688

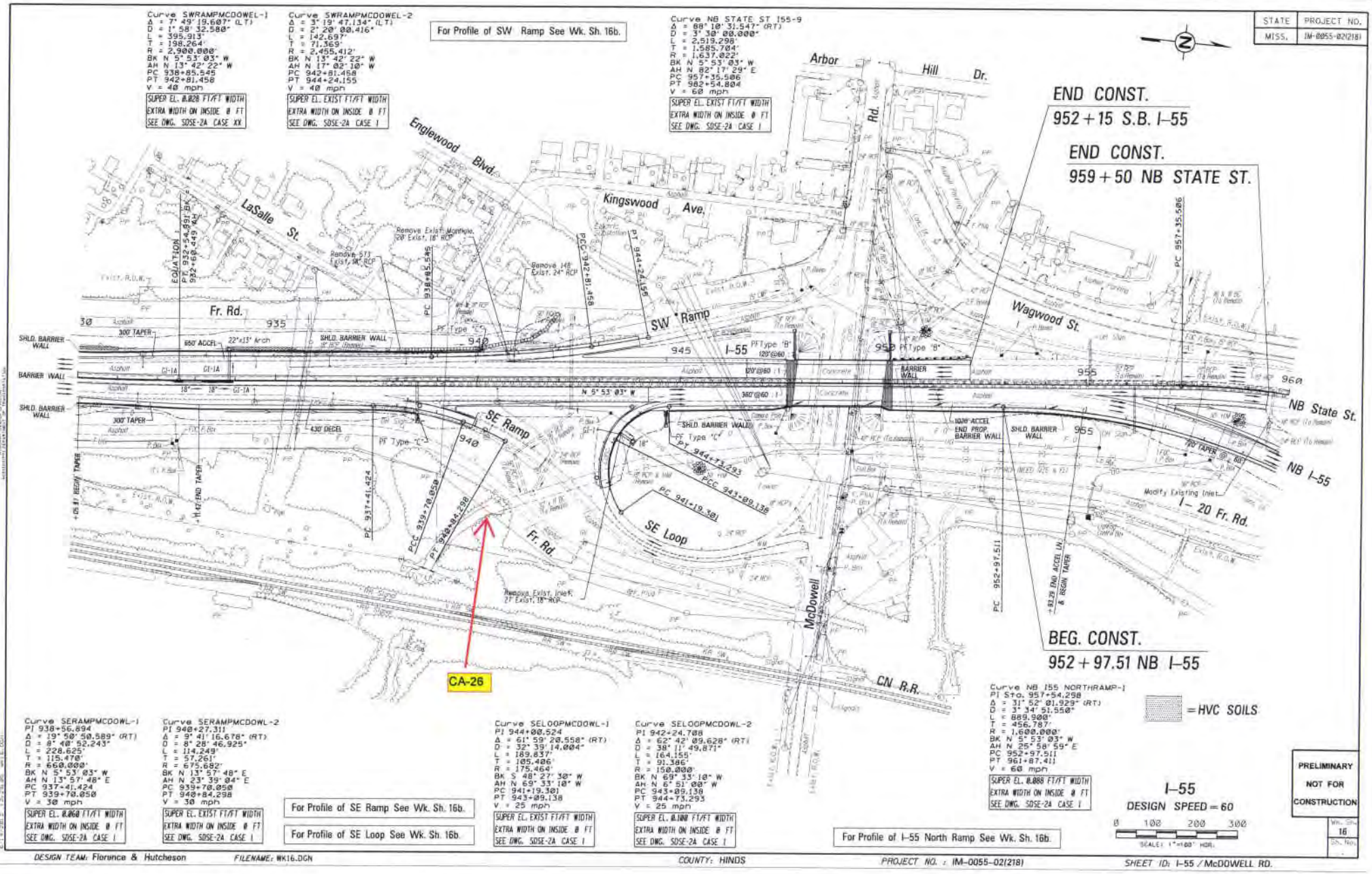
VPC 923+50 EL. 281.080

VPC 924+00 EL. 282.890

VPI 915+00 EL. 275.68 300' V.C.

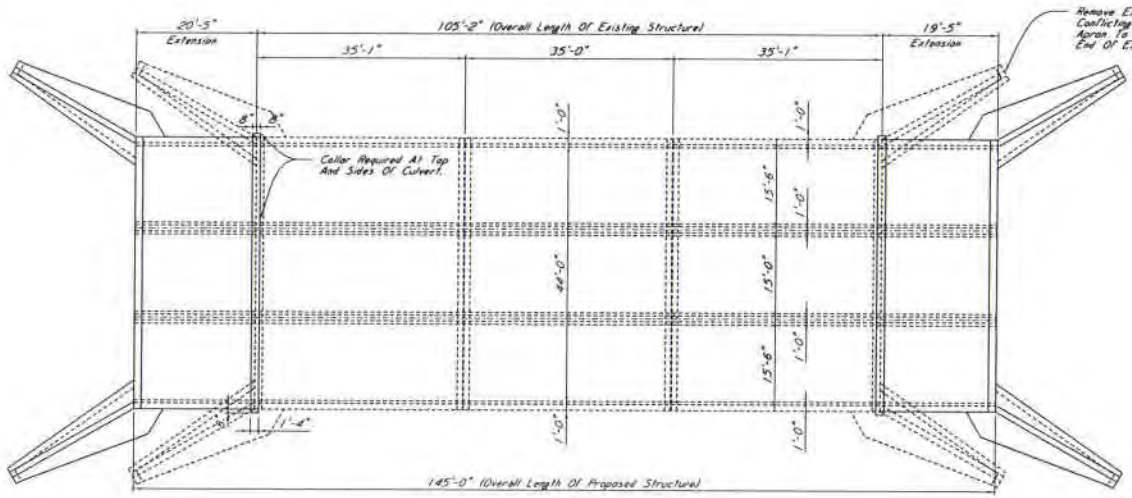
902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930			
270.79	270.86	270.93	271.00	271.07	271.13	271.20	271.27	271.34	271.41	271.48	271.54	271.62	271.78	272.03	272.36	272.70	273.04	273.48	274.64	276.61	279.39	282.89	286.25	289.13	291.54	293.47	294.92	295.89			
270.09	270.21	270.30	270.48	270.48	270.44	270.39	270.35	270.43	270.58	270.90	271.27	271.45	271.68	271.88	272.23	272.38	272.74	273.19	274.13	276.17	279.31	282.79	286.46	289.90	292.10	293.47	295.19	295.98			

DESIGN TEAM: Florence & Hutcheson | FILENAME: WK15.DGN | COUNTY: HINDS | PROJECT NO. : IM-0055-02(218) | SHEET ID: I-55



DESIGN TEAM: Florence & Hutcheson FILENAME: WK16.DGN COUNTY: HINDS PROJECT NO. : IM-0055-02(218) SHEET ID: I-55 / McDOWELL RD.

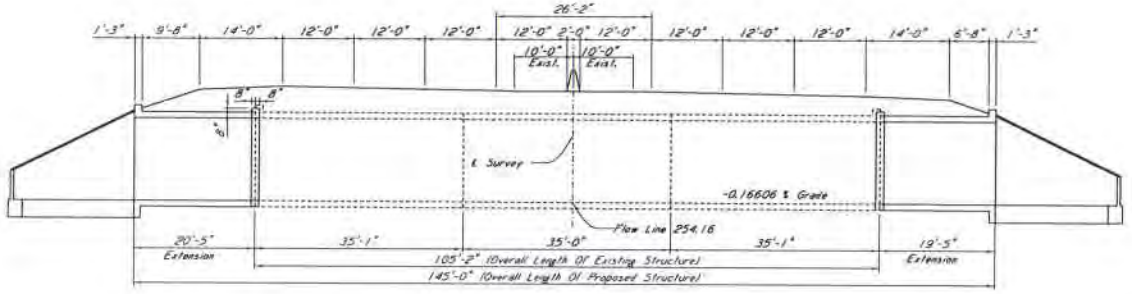
STATE	PROJECT NO.
MISS.	IM-0055-02(218)



PLAN VIEW
Scale: 1" = 10'-0"

* Estimated 100 ft of extension

Estimated 100 ft of rip-rap armor



LONGITUDINAL SECTION
Scale: 1" = 10'-0"

GENERAL NOTES:

Specifications: Mississippi Standard Specifications For Road and Bridge Construction, 2004.

No Change Of Plans Will Be Permitted Except By Written Approval Of The Bridge Engineer. Minor Changes In Detail Of Design Or Construction Procedure May Be Authorized By The Bridge Engineer Provided Such Changes Will Not Be Cause For Contract Price Adjustment.

All Concrete Shall Be Class "B".

Expansion Joint Material Shall Be Bituminous Fiber Type Unless Otherwise Noted.

All Exposed Edges Shall Be Chamfered ¾".

Bar Bending Details Shall Be In Accordance With "Manual Of Standard Practice For Detailing Reinforced Concrete Structures" (ACI 315R-94).

Reinforcement Order Lists And Required Placing Plans Shall Be Furnished In Accordance With Section 805 Of The Mississippi Standard Specifications. Partial Submittals Are Not Acceptable.

Horizontal Construction Joints Shall Be Placed Only At The Locations Shown, And The Concrete Shall Be Allowed To Set A Minimum Period Of Two Hours Before Continuing The Pour.

Reinforcing Steel Shall Be Placed In Accordance With Cross Sections And Shall Be Adequately Supported From The Forms.

All Bars Shall Be Accurately Spaced And Securely Wired At Each Intersection Before Placing Concrete.

All Dimensions Shall Be Verified In The Field Prior To Fabrication Of The Reinforcing Steel.

Finish Concrete Per Section 804.03.19.6.2 Of The Specifications.

Reinforcing Steel Shall Be ASTM A615, Grade 60, Unless Otherwise Noted.

Work For Which No Pay Item Is Provided In The Proposal Will Not Be Paid For Directly And Compensation Therefor Will Be Included In The Prices And Payments For Bid Items.

Concrete In Auxiliary Slab Shall Be Allowed To Set A Minimum Of 24 Hours Before Continuing Pour.

SPECIAL PROVISIONS REQUIRED:

Concrete Bridges And Structures. . . . . No. 907-804

DESIGN DATA:

Specifications. . . . . A.A.S.H.T.O., 2002
Loading. M.S.20-44
Box Bridge Concrete. . . . . Class "B" 13,500 p.s.i.)

SCOPE OF WORK:

1. Remove Existing Headwall And Conflicting Portions Of Wing And Apron To Provide Connection At End Of Existing Barrel.
2. Extend Box Bridge As Shown With New Wing And Apron.

PRELIMINARY NOT FOR CONSTRUCTION
DATE: 10-26-11

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BOX BRIDGE AT STA. 677+50
I-55 ACROSS TRAHON CREEK
TRIPLE 14'X14' TO BE EXTENDED

PROJECT 106023 301000
IM-0055-02(218)

HINDS COUNTY

WORKING NUMBER
81 OF 1
SHEET NUMBER

REVISIONS | DATE

DESIGNED ACE DETAILED ACE TRACED CMD
CHECKED CMF ISSUED: DATE 10/26/11

DESIGN TEAM: Florence & Hutcheson

COUNTY: HINDS

PROJECT NO. IM-0055-02(218)

MDOT Commitments to Environmental Excellence

Project No: IM-0055-02 (218)/ 106023 **Highway:** Interstate 55 **Revision Date:** 09-01-12
County: Hinds **Page 1 of** 2

***Value Engineering Study Recommended** X Yes ☐ No

Commitments/Requirements	Source of Commitment	Responsible Office	Place on Plans	Requires A Special Provision	Status of Commitment/Requirement
Access to businesses and residences will be maintained during construction, and traffic will be adequately and safely maintained.	Minimization of social/community impacts Section 4.3 – Community & Social Impacts	Construction	No	No	Construction
A public meeting will be held to present conceptual renderings of noise barriers, to discuss locations, and to allow public input	Minimization of noise impacts Section 4.10-Noise	Roadway Design Environmental	Yes	No	Pre-construction
Best Management Practices (BMPs) will be utilized to prevent soil erosion and control sediment-laden stormwater run-off.	Minimization of impacts to water quality and streams Section 4.11- Water Quality Section 4.12 - Streams Section 4.15 – Wildlife	Roadway Design Construction	Yes	No	Pre-construction Construction
Where possible, stream and floodplain crossings will be perpendicular. Appropriately sized bridges and embedded culverts will be used to accommodate unimpeded base and flood flows and passage of aquatic and terrestrial species.	Minimization of impacts to floodplains, aquatic & terrestrial habitat. Section 4.12 – Streams Section 4.16-Floodplains	Bridge Design Roadway Design	Yes	No	Pre-construction
Bridge hydraulic analyses will be conducted to certify that the proposed project will satisfy "no net-rise" in the associated floodplains.	Minimization of impacts to floodplains Section 4.16-Floodplains	Bridge Design Roadway Design	Yes	No	Pre-construction
Best Management Practices (BMPs) will be utilized to prevent soil erosion and control sediment-laden stormwater run-off	Minimization of impacts to threatened & endangered species Section 4.20-T&E Species	Roadway Design Construction	Yes	No	Pre-construction Construction

If archaeological sites are found or are suspected during construction of the proposed project, (1) construction activities will immediately cease, (2) the suspected area will be protected from further disturbance, and (3) the MDOT Archaeologist will be contacted at (601) 359-1475 for further instruction.	Impacts to cultural resources Section 4.21 – Cultural Resources Section 5.3 – Native American Consultation	Construction	No	No	Construction
All practical and standard procedures and measures, including Best Management practices will be implemented to avoid or minimize impacts.					

- These commitments should be carried throughout each phase of the project development including Design, Right of Way, Construction, and Maintenance.

*Value Engineering (VE) Studies are recommended for projects on the NHS System and/or an Intermodal Connector with an estimated project costs approaching $25 Million

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, Mississippi 39213

August 18, 2011

Mr. John Farmer
Florence & Hutcheson
1989 Oak Tree Cove, Suite A
Hernando, Mississippi 38632

Dear Mr. Farmer:

The Fish and Wildlife Service (Service) has reviewed the information in your letter dated August 1, 2011, regarding the proposed improvements to I-55 from Copiah County line to McDowell Road in Hinds County in Mississippi. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

Based on the information you provided, the Service concludes that there are no federally listed threatened or endangered species or their critical habitat within the vicinity of the proposed project. No further consultation with this office is required unless there are changes in the scope or location of the proposed project.

If you have any questions, please contact Sandra Kilpatrick at our office, telephone: (601) 321-1135.

Sincerely,

for Stephen M. Ricks
Field Supervisor
MS Field Office

MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

Sam Polles, Ph.D.
Executive Director

August 11, 2011

Florence 7 Hutcheson
1989 Oak Tree Cove, Suite A
Hernando, MS 38632

Re: Proposed Improvements to I-55 from
Copiah County Line to McDowell Road
Hinds County, Mississippi

R# 8489
FMS 106023-IM-0055-02(218)

To John Farmer:

In response to your request for information dated August 1, 2011, we have searched our database for occurrences of state or federally listed species and species of special concern that occur within 2 miles of the site of the proposed project. Please find our concerns and recommendations below.

The following species of concern may occur within 2 miles of the proposed project area:

SCIENTIFIC NAME	COMMON NAME	FED	STATE	STATE RANK
Uniomerus declivis	Tapered Pondhorn			S2
Truncilla truncata	Deertoe			S3
Lasmigona complanata	White Heelsplitter			S3
Obovaria unicolor	Alabama Hickorynut			S1

State Rank
S1 — Critically imperiled in Mississippi because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.
S2 — Imperiled in Mississippi because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.
S3 — Rare or uncommon in Mississippi (on the order of 21 to 100 occurrences).

State and Federal Status
LE Endangered — A species which is in danger of extinction throughout all or a significant portion of its range.
LT Threatened — A species likely to become endangered in foreseeable future throughout all or a significant portion of its range

Based on information provided, we conclude that if best management practices are properly implemented, monitored, and maintained (particularly measures to prevent, or at least, minimize negative impacts to water quality), the proposed project likely poses no threat to listed species or their habitats.

Recommendations:

We recommend that best management practices be properly implemented, monitored, and maintained for compliance, specifically measures that will prevent suspended silt and contaminants from leaving the site in stormwater run-off as this may negatively affect water quality and habitat conditions within nearby streams and waterbodies.

In addition, portions of this project site are underlain by hydric soils and there will be multiple stream crossings. If this project is approved, we ask that serious consideration be given to the cumulative impacts of wetland/stream disturbance and elimination, and that appropriate in-kind mitigation be provided.

Please feel free to contact us if we can provide any additional information, resources, or assistance that will help minimize negative impacts to the species and/or ecological communities identified in this review. We are happy to work with you to ensure that our state's precious natural heritage is conserved and preserved for future Mississippians.

Sincerely,

Andy Sanderson

Andy Sanderson, Ecologist
Mississippi Natural Heritage Program
(601) 354-7303

Florence & Hutcheson

CONSULTING ENGINEERS

September 1, 2011

Mr. Rogerick Thompson
District Conservationist
Natural Resource Conservation Service
US Department of Agriculture
322 New Market Drive
Jackson, MS 39209

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Thompson:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests under the Farmland Protection Policy Act (FPPA) as well as conservation programs under NRCS administration within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

No response as of 10-15-12. AW

Ms. Trudy Fisher
Executive Director
Mississippi Department of Environmental Quality
PO Box 2261
Jackson, MS 39225

Dear Ms. Fisher:

On behalf of the Mississippi Department of Transportation (MDOT) and the Federal Highway Administration (FHWA), we submitted a Letter of Interest (LOI) to your attention on August 1, 2011 concerning the proposed improvements to I-55 from the Copiah County Line to McDowell Road south of Jackson in Hinds County, MS.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. We requested that you provide information on your agency's relevant interests within the study area as we work toward the completion of an *Environmental Assessment (EA)*.

If we do not receive a written response to the LOI by September 19, 2011, we will consider that your agency has no comments or concerns prior to the availability of the *Draft Environmental Assessment*. We have provided the original letter below.

Sincerely,

John L. Farmer, PE, CPESC
Sr. Environmental Engineer
FLORENCE & HUTCHESON

No response as of 10-15-12. JLF

MISSISSIPPI DEPARTMENT *of* ARCHIVES AND HISTORY

MDAH

PO Box 571, Jackson, MS 39205-0571
601-576-6850 • Fax 601-576-6975
mdah.state.ms.us
H.T. Holmes, Director

August 22, 2011

Mr. John L. Farmer, PE
Florence & Hutcheson Consulting Engineers
1989 Oak Tree Cove, Suite A
Hernando, Mississippi 38632

RE: Preliminary Environmental Assessment for Proposed Improvements to I-55 from Copiah County Line to McDowell Road (FMS 106023-IM-0055-02(218)
MDAH Project Log #08-024-11, Hinds County

Dear Mr. Farmer:

We have reviewed your request for comment for the preliminary environmental assessment of the above referenced project, received August 3, 2011, in accordance with our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After review, it is our determination that the project may have an effect on cultural resources. As such, we ask that you evaluate the potential impact of the project to cultural resources and allow us to comment on any architectural and archaeological survey work performed in association with this project.

If you have any questions or concerns, please contact me at 601-576-6940.

Sincerely,

Greg

Greg Williamson
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

May 17, 2012

Ms. Kim D. Thurman
Environmental Division Administrator
Mississippi Department of Transportation
P. O. Box 1850
Jackson, MS 39215-1850

RE: EPA Comments on the Draft Environmental Assessment (Draft EA) for Interstate 55 From the Copiah County Line South of Terry, MS to McDowell Road in Jackson, MS Project Number: IM-0055-02 (218)

Dear Ms. Thurman:

The U.S. Environmental Protection Agency (EPA) has reviewed the subject draft Environmental Assessment (EA) pursuant to the National Environmental Policy Act (NEPA) and Section 309 of the Clean Air Act. The purpose of this letter is to provide you with EPA's comments regarding potential impacts of the proposed project.

The Mississippi Department of Transportation (MDOT) proposes to improve Interstate 55 from Copiah County Line south of Terry, MS to McDowell Road in Jackson, MS. The proposed project would involve: (1) replacing pavement from Copiah County Line south of Terry, MS to McDowell Road in Jackson, MS (17.1 miles); (2) adding one lane in each direction from Terry, MS (Green Gable Road, Cunningham Avenue) to Byram, MS (S. Siwell Rd.) for 6.3 miles; and (3) adding one lane in each direction from Byram, MS (S. Siwell Rd.) to Jackson, MS (McDowell Rd.) for 6.6 miles. All improvements are proposed within the existing interstate and frontage roads rights-of-way.

The purpose of the project is to improve the physical roadway conditions of I-55 from the Copiah County Line south of Terry, MS to McDowell Road in Jackson, MS within Hinds County and provide additional capacity for I-55 from Green Gable Road/Cunningham Avenue in order to relieve congestion of the interstate system and provide fluid and safe traffic control during the pavement replacement.

The alternatives considered include a No-Build Alternative (Alternative A) and two Build Alternatives (B and C). According to the Draft EA, Alternative A does not satisfy the purpose and need of the project. Of the two build alternatives, Alternative B involves additional property outside of MDOT's existing right-of-way while Alternative C utilizes MDOT's existing right-of-way. EPA notes that the Draft EA identifies Alternative C as the preferred alternative.

Based on the information provided in the Draft EA, EPA supports the selection of Alternative C as the environmentally preferable alternative. The preferred alternative does not

appear to represent a significant impact to human health and the environment since it constrains the project within the existing right-of-way. Constraining the project within MDOT's existing right-of-way minimizes the social, economic, and environmental impacts of the project while meeting the project purpose and need. In an effort to further reduce water resource and noise impacts, EPA is providing detailed comments for your consideration. Our detailed comments are enclosed.

We appreciate the opportunity to review and comment on the proposed action and look forward to reviewing the Final EA. If you have any questions about our comments, please contact Kenneth Dean at (404) 562-9378.

Sincerely,

Heinz J. Mueller, Chief
NEPA Program Office
Office of Policy and Management

Enclosure

EPA Review and Comments on
Draft Environmental Assessment (EA) for Interstate 55
From the Copiah County Line South of Terry, MS to McDowell Road in Jackson, MS
Project Number: IM-0055-02 (218)

Stream Impacts: According to the Draft EA, 10,255 linear feet of streams are expected to be impacted by the proposed project due to stream alterations. It appears that these stream alterations are associated with the construction of the additional lanes and widening of the mainline bridges and culverts. EPA recommends that the Final EA discuss the stream alterations that will occur. EPA further recommends that any stream impacts be compensated with stream mitigation.

Water Quality Impacts: Page 48 of the Draft EA states, "The only impaired stream within the Pearl River Basin and also in Hinds County is Lynch Creek …." It should be clarified that Lynch Creek is the only impaired stream in Hinds County still requiring a TMDL. According to EPA's TMDL database, TMDLs have been established for Big Creek (MS159E), Rhodes Creek (MS161E), and Pearl River (MSUMPRLR1E), which are within the Pearl River Basin and also in Hinds County. These waterbodies are impaired, but they are not on the Section 303(d) List because TMDLs have been developed to address the impairments.

The Draft EA acknowledges "the recommended Sediment TMDL for waterbodies within the proposed project area." It should be specifically noted that sediment TMDLs exist for Big Creek (MS159E), Rhodes Creek (MS161E), and Pearl River (MSUMPRLR1E). The Draft EA generally discusses benefits of best management practices (BMPs) and measures to be implemented during the construction phase of the proposed project to minimize water quality impacts. EPA recommends that MDOT analyze and provide information in the Final EA regarding the potential sediment loading due to the proposed project and the estimated reductions in sediment loads that might result from the implementation of BMPs.

Noise Impacts: The Draft EA states that at 163 facilities, traffic noise impacts are expected to occur in the design year (2031) if the proposed project is constructed. Based on model results, noise barriers are likely feasible and reasonable for only two (Area E and Area G) of the seven noise sensitive areas. EPA understands that a noise barrier may be considered in Area F since the cost per benefit is only slightly more than the maximum allowable for "reasonableness". Since noise walls have been determined "not reasonable" for five of the seven noise sensitive areas, then other measures such as vegetative barriers and earthen berms should be considered to minimize impacts to sensitive receptors. EPA encourages MDOT to analyze the use of vegetative barriers and earthen berms and discuss their reasonableness and feasibility.

ENV-160
Rev. 10/09

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL DIVISION
ENVIRONMENTAL CLASS OF ACTION DETERMINATION

DISTRICT NO:	5	F.A. NO:	0055
PROJECT NO:	IM-0055-02(218) 106023101000	HIGHWAY NO:	I-55
SECTION NO:	02	COUNTY:	Hinds

1. PROJECT TERMINI: I-55 from the Hinds/Copiah County Line to McDowell Road

(A.) EXISTING CONDITIONS: The existing pavement consists of both JRCP and composite pavement. The average faulting for the JRCP is 0.20". The composite pavement sections are generally cracked, rutted, and oxidized throughout the project. The average rutting ranges from 0.11" to 0.15". Some areas are severely cracked and raveled. Between the Byram and McDowell Interchanges, I-55 is currently operating at a LOS that ranges from D to F.

(B.) PROPOSED IMPROVEMENTS: Add one additional lane in each direction between the Terry and McDowell Rd. Interchanges. Widen existing bridges as necessary. Remove and replace the existing pavement per the approved pavement recommendations from the BOP to the EOP. In general, work on the frontage roads will be excluded from this project except where necessary for the addition of lanes to the mainline.

(C.) PRELIMINARY PURPOSE & NEED: To improve the Level of Service and maintain the safety of the traveling public

(D.) NEW ROW REQUIRED: ☐ YES ☒ NO

7. APPROVED BY:

DISTRICT ENGINEER	DATE: 5-17-2011
PLANNING ENGINEER	DATE
ROADWAY DESIGN ENGINEER	DATE
ENVIRONMENTAL ENGINEER / ADMINISTRATOR	DATE

8. FHWA CONCURRENCE:

FHWA DIVISION ADMINISTRATOR	DATE

2. ENVIRONMENTAL CONSEQUENCES EVALUATION (CHECK ONE)	SIG.	MIN.	NONE	COMMENTS IDENTIFYING ISSUES WHICH MAKES IMPACT SIGNIFICANT OR MINIMAL
A. LAND USE IMPACTS			X	
B. FARMLAND IMPACTS			X	
C. SOCIAL IMPACTS			X	
D. RELOCATION IMPACTS			X	
E. ECONOMIC IMPACTS			X	
F. JOINT DEVELOPMENT			X	
G. CONSIDERATIONS RELATING TO PEDESTRAINS & BICYCLISTS			X	
H. AIR QUALITY IMPACTS			X	
I. NOISE IMPACTS			X	
J. WATER QUALITY IMPACTS			X	
K. PERMITS		X		Storm Water
L. WETLAND/STREAM IMPACTS			X	
M. WATER BODY MODIFICATION & WILDLIFE IMPACTS			X	
N. FLOODPLAIN IMPACTS		X		Pearl River Basin
O. WILD & SCENIC RIVERS			X	
P. COASTAL BARRIERS			X	
Q. COASTAL ZONE IMPACTS			X	
R. THREATENED OR ENDANGERED SPECIES			X	
S. HISTORIC & ARCHAEOLOGICAL PRESERVATION / 4(f) LANDS			X	
T. HAZARDOUS WASTE SITES			X	
U. VISUAL IMPACTS			X	
V. ENERGY			X	
W. CONSTRUCTION IMPACTS		X		Traffic Control

3. PUBLIC INVOLVEMENT RECOMMENDATIONS:

4. ACTION REQUIRED:

CATEGORICAL EXCLUSION	☐	106 CONSULTATION	☐	ENDANGERED SPECIES ASSESSMENT	☐		
EA/FONSI	☒	EIS	☐	NOISE STUDY	☐	SHPO LETTER	☐	4 (f) STATEMENT	☐
CLASS DETERMINATION	23 CFR 771.115 (c)						

5. WETLANDS/STREAMS FINDING (CEX ONLY): None. Project will be constructed within existing ROW

6. OTHER REMARKS:

CHANNEL ASSESSMENT REPORT

I-55 from the Copiah County Line to McDowell Road

Hinds County, MS

Project Number IM-0055-02(218)

FMS Number 106023

Prepared by
John L. Farmer, PE, CPESC
Florence & Hutcheson

August 30, 2011

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Executive Summary

Florence & Hutcheson, Inc. (F&H) was retained by the Mississippi Department of Transportation (MDOT) to conduct a hydrologic survey in an area within the rights-of-way for proposed improvements to a 17.1-mile stretch of I-55 and associated frontage roads in Hinds County, Mississippi. The project is Mississippi Department of Transportation IM-055-02 (218) 106023. The project consists of improvements to I-55 through (1) pavement replacement within the entire 17.1-mile project length between the Copiah County Line south of Terry, Mississippi and McDowell Road in Jackson, Mississippi and (2) additional lane construction between Green Gable Road/W. Cunningham Avenue in Terry, Mississippi and McDowell Road for a distance of 12.9 miles. Additional lanes will be constructed toward the existing median between W. Cunningham Avenue in Terry, Mississippi and S. Siwell Road in Byram, Mississippi for a distance of 6.3 miles. Additional lanes will be constructed toward the outside of the existing facility between S. Siwell Road in Byram, Mississippi and McDowell Road in Jackson, Mississippi for a distance of 6.6 miles. The hydrologic survey commenced at the termini located at the Copiah County Line, progressed in the northerly direction into Hinds County, ending at McDowell Road in Jackson, Mississippi for a distance of 17.1 miles. Wetlands are classified as palustrine emergent, palustrine shrub-scrub or palustrine forested. Channelized resources are classified as perennial, intermittent, and ephemeral resources (drainage ditches; drainage swales; pond drains; wetland drains; or erosional features). These areas should be considered potentially jurisdictional until concurrence is given by a representative of the US Army Corps of Engineers.

Table of Contents

Figures

Tables

Appendices

Acronyms and Abbreviations

CA	Channel Assessment
CWA	Clean Water Act, Section 404
BMP	Best Management Practice
DP	Data Point
HUC	Hydrologic Unit Code
JD	Jurisdictional Determination
LWD	Large Woody Debris
MDEQ	Mississippi Department of Environmental Quality
MDOT	Mississippi Department of Transportation
NRCS	Natural Resources Conservation Service
OHWM	Ordinary High Mater mark
PEM	Palustrine Emergent
PF	Palustrine Forested
PSS	Palustrine Scrub-shrub
RHA	Save River and Harbors Act, Section 10
ROW	Right-Of-Way
Sta.	Station Number
SR	State Route
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey

Chapter 1. Introduction

The purpose of this report is to identify and describe potentially jurisdictional resources within the project corridor and to assess impacts for the purposes of regulation under Section 404 of the Clean Water Act (CWA) and/ or Section 10 of the Safe Rivers and Harbors Act of 1899 (RHA). The hydrologic survey was conducted by John L. Farmer, PE, CPESC of Florence & Hutcheson. Field work was completed on August 5, 2011. This report facilitates MDOT's efforts to document potential jurisdictional resources for review by regulatory authorities and to avoid or minimize the resources during the design process.

The hydrologic survey commenced at the termini located at the Copiah County Line, progressed in the northerly direction into Hinds County, ending at McDowell Road in Jackson, Mississippi for a distance of 17.1 miles. The project consists of improvements to I-55 through (1) pavement replacement within the entire project length and (2) additional lane construction between Green Gable Road/W. Cunningham Avenue in Terry, Mississippi and McDowell Road in Jackson, Mississippi for a distance of 12.9 miles. Additional lanes will be constructed toward the existing median between Green Gable Road/W. Cunningham Avenue in Terry, Mississippi and S. Siwell Road in Byram, Mississippi for a distance of 6.3 miles. Additional lanes will be constructed toward the outside of the existing facility between S. Siwell Road in Byram, Mississippi and McDowell Road in Jackson, Mississippi for a distance of 6.6 miles. Historically, the project alignment falls within the following Sections/Townships/Ranges: S21/T3N/R1W, S16/T3N/R1W, S9/T3N/R1W, S10/T3N/R1W, S34/T4N/R1W, S26/T4N/R1W, S23/T4N/R1W, S13/T4N/R1W, S7/T4N/R1E, S6/T4N/R1E, S5/T4N/R1E, S32/T5N/R1E, S20/T5N/R1E, and S21/T5N/R1E. The project has been divided into nine sites (Sites 1-9) dividing the project between the termini. Bridges will be expanded as required and culverts/drainage structures will also be constructed, removed, and/or replaced as part of the roadway construction. The subject project will be constructed within existing rights-of-way. See Figures 1, 2, 3 for more detailed location information.

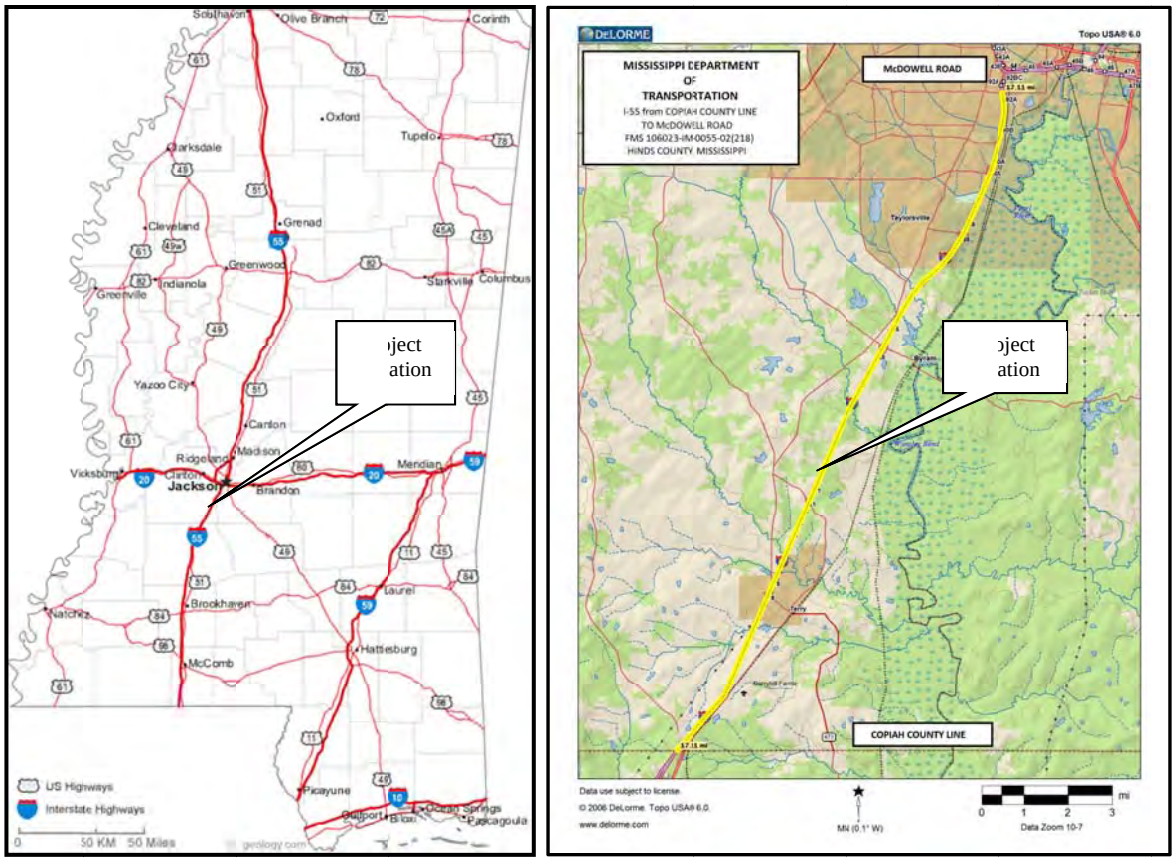


Figure 1. State and County Maps.

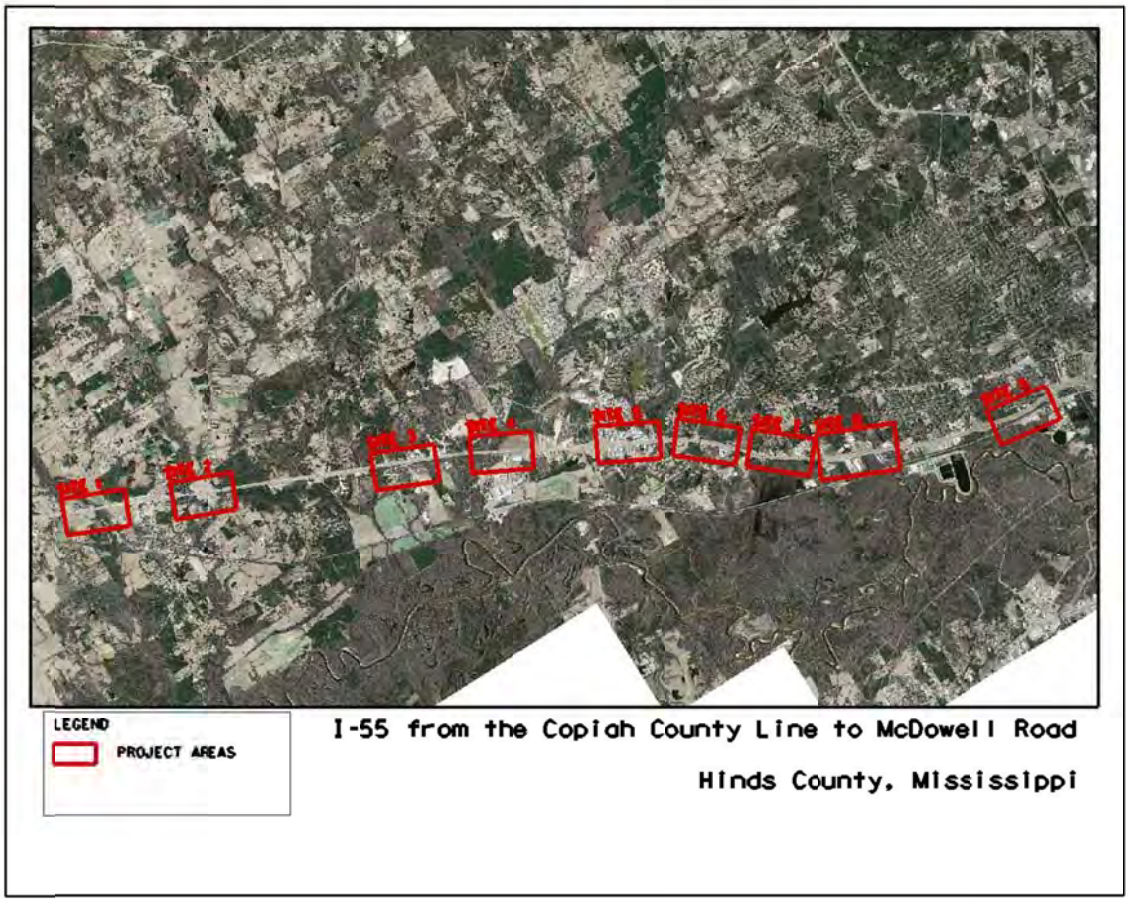


Figure 2. Aerial Photography for project area.

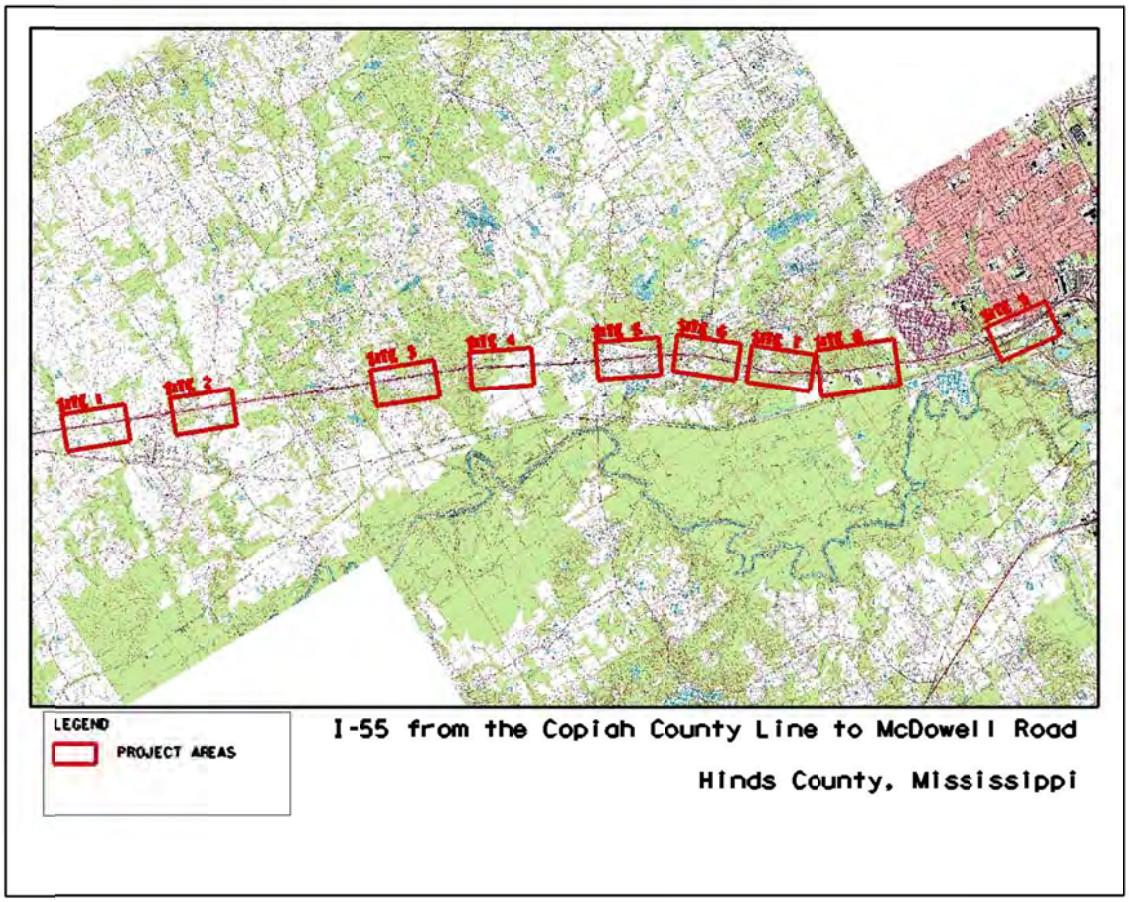


Figure 3. USGS Topographic Map for project area.

Chapter 2. Methods

This chapter summarizes the methods used to comply with MDOT, federal, state, and local guidance. Please see Appendix A for further details of methods used in this report.

Prior to initiation of field work, information was gathered from U.S. Fish and Wildlife Service National Wetland Inventory Maps, the U.S. Department of Agriculture- Natural Resource Conservation Service Web Soil Survey Maps, U.S. Geological Survey topographic mapping, and aerial photography. See Appendix C for maps showing soils, topography, and the wetland inventory. Site visits were conducted on August 4-5, 2011 to record relevant data on potentially jurisdictional resources for the purposes of CWA permitting purposes.

The project consists of improvements to I-55 through (1) pavement replacement within the entire project length and (2) additional lane construction between Green Gable Road/W. Cunningham Avenue in Terry, Mississippi and McDowell Road in Jackson, Mississippi for a distance of 12.9 miles. Additional lanes will be constructed toward the existing median between W. Cunningham Avenue in Terry, Mississippi and S. Siwell Road in Byrum, Mississippi for a distance of 6.3 miles. Additional lanes will be constructed toward the outside of the existing facility between S. Siwell Road in Byrum, Mississippi and McDowell Road in Jackson, Mississippi for a distance of 6.6 miles. Potentially jurisdictional areas near proposed work were assessed during the site visit and are described in this document.

Any wetland determinations were made using observable vegetation, hydrology, and soils in accordance with the routine approach described in the *USACE Wetland Delineation Manual (1987)* and the *Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (2008).* No wetlands were observed within the proposed project area.

Other Waters Data Sheets were completed for each potential jurisdictional channel resource in the project area. Locations for these resources are marked with a "CA" (Channel Assessments). Photographs were taken at each channel assessment site.

After field work was completed, potentially jurisdictional areas were mapped and areas and lengths were calculated.

Chapter 3. Existing Conditions

Based upon the site inspections, twenty-six channelized resources (10,255 feet within the existing rights-of-way) are found in the study corridor. Channelized resources are classified as perennial, intermittent, or ephemeral resources (drainage ditches; drainage swales; pond drains; wetland drains; or erosional features). All potential jurisdictional areas should be considered preliminary prior to confirmation by the U.S. Army Corps of Engineers Regulatory Branch. Findings are detailed in Table 1.

Landscape Setting

Terrain in the project area is within the floodplain of the Pearl River (USGS HUC # 03180002). The project is located in Major Land Resource Area 133A (Southern Coastal Plain) within the South Atlantic and Gulf Slope Cash Crops, Forest, and Livestock Region (P) as described by the U.S. Department of Agriculture-Natural Resource Conservation Service. The dominant land uses along the existing I-55 are agricultural, commercial, and interstate/frontage road rights-of-way. Appendix C includes Soil Survey Data and National Wetland Inventory mapping.

Hydrology

The site visits for the subject project were conducted on August 4-5, 2011. Recorded rainfall for Jackson, Mississippi indicated a 0.26-inch rain event on July 27-28, 2011. According to historic rainfall records for Hinds County, Mississippi, the average monthly rainfall for the period 1971-2000 is 3.84" in July. In 2011, the recorded monthly rainfall total in Jackson, Mississippi is 3.31" in July. Therefore, historically, the site visits were conducted following an historically dry July. As a result of the "dryer than normal period", water in tributaries was assumed to be below the observable Ordinary High Water Mark (OHWM).

Of the twenty-six channelized resources, nine exhibited flow during the site visits. Pools were found in thirteen of the resources. The remaining four channelized resources were dry.

Vegetation

Dominant plant species were not recorded since there were no wetland areas noted within the project area.

Soils

Majority soils found in the project area are mapped as: Grenada silt loam, 2-5% slopes (GrB); Loring silt loam, 2-5% slopes, eroded (LoB2); Oaklimeter silt loam (Oa); Providence silt loam, 5-8% slopes, eroded (PoC2); Providence silt loam, 8-15% slopes, eroded (PoD2); Providence-Smithdale complex, 8-20% slopes (PrE); and Siwell silt loam, 5-8% slopes, eroded (SeC2). Oaklimeter silt loam (Oa); Providence silt loam (PoC2); Providence silt loam (PoD2); Providence-Smithdale complex (PrE); and Siwell silt loam (SeC2) are classified as hydric by the USDA NRCS. For more information, see the Datasheets in Appendix B and Soil Reports in Appendix C.

Wetlands, Ponds and Channelized Resources Summary

No wetlands or ponds were noted within the project area. The channelized resources noted during the site visits are summarized in Table 1.

Table 1. Channel Assessment Table

CA#	Site #	Latitude	Longitude	Sta.	Section-Township-Range	Type	Length in Project Area (feet)*	Channel Width (feet)	Name	Impact
1	1	32.08722	-90.30928	220+00R	S21/T3N/R1W	INT	140	3		
2	1	32.09105	-90.30825	228+00	S21/T3N/R1W	INT	355	20	Vaughn Creek	
3	1	32.09243	-90.30785	232+00L	S21/T3N/R1W	INT	940	2		
4	1	32.09345	-90.30852	238+00L	S16/T3N/R1W	INT	30	2		
5	2	32.10770	-90.29997	296+00L	S9/T3N/R1W	INT	150	2		
6	2	32.10863	-90.29937	298+00	S9/T3N/R1W	PR	395	12	Harris Creek	
7	2	32.11480	-90.29622	322+00	S10/T3N/R1W	PR	340	30	Rhodes Creek	
8	3	32.14488	-90.28088	441+00	S34/T4N/R1W	INT	440	12		
9	3	32.15338	-90.27665	475+00	S26/T4N/R1W	INT	440	6		
10	4	32.16398	-90.27043	518+00	S26/T4N/R1W	PR	345	30	Big Creek	
11	4	32.17140	-90.26543	549+00	S23/T4N/R1W	INT	340	6		
12	5	32.18670	-90.25657	611+00	S13/T4N/R1W	INT	720	4		
13	5	32.19032	-90.25390	625+00	S13/T4N/R1W	INT	400	20		
14	5	32.19488	-90.25090	645+00	S13/T4N/R1W	PR	340	15		
15	6	32.20110	-90.24655	671+00L	S7/T4N/R1E	EP	75	2		
16	6	32.20267	-90.24512	677+00	S7/T4N/R1E	PR	1085	12	Trahon Creek	
17	6	32.20760	-90.23962	702+00L	S7/T4N/R1E	EP	70	1		
18	7	32.21097	-90.23522	720+00L	S6/T4N/R1E	EP	500	5		
19	7	32.21250	-90.23353	729+00L	S6/T4N/R1E	EP	230	3		
20	7	32.21653	-90.23022	744+00L	S6/T4N/R1E	EP	440	3		
21	8	32.22180	-90.22670	770+00	S5/T4N/R1E	PR	1175	8		
22	8	32.22625	-90.22383	787+00L	S32/T5N/R1E	EP	100	3		
23	8	32.22942	-90.22210	800+00	S32/T5N/R1E	EP	340	3		
24	8	32.23528	-90.21913	823+00	S32/T5N/R1E	PR	340	15	Cany Creek	
25	9	32.25595	-90.21130	903+00	S20/T5N/R1E	PR	350	15	Hardy Creek	
26	9	32.26608	-90.20898	940+00R	S21/T5N/R1E	PR	175	18		

Type:
PR-Perennial
INT-Intermittent
EP-Ephemeral
*Lengths include pipes, culverts, and bridges

Chapter 4. Impacts

Based upon the site inspections, twenty-six channelized resources (10,255 feet within the project area) are found within or in the vicinity of the study area. All potential jurisdictional areas should be considered preliminary prior to confirmation by the U.S. Army Corps of Engineers Regulatory Branch. Impacts to other waters will be quantified when potential jurisdictional resources have been confirmed and final design plans are available.

Chapter 5. References

Congressional Federal Register 33 Part 328 Definition of Waters of the United States.

Cowardin, L. M., V. Carter, F. C. Golet, E. T. LaRoe. 1979. *Classification of wetlands and deepwater habitats of the United States*. Government Printing Office, Washington, D.C.

Edwards, Katherine E. PhD. October 14, 2010. Wetland plant identification. Mississippi State University, Department of Wildlife, Fisheries, and Aquaculture.

GeoCommunity. Mississippi USGS 7.5-minute quadrangle topographic maps.

Google Earth. Mapping website. Accessed June 18, 2010.

Little, Elbert L. 1980. *National Audubon Society Field Guide to North American Trees: Eastern Region.* Alfred A. Knopf. New York.

Microsoft Research (MSR) Maps. Mapping website. Accessed June18, 2010.

Munsell Soil Color Charts: Year 2000 Revised. GretagMacbeth. New Windsor, New York.

National Oceanic and Atmospheric Administration, National Weather Service. Rainfall data.

U.S. Army Corps of Engineers (USACE). Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual.* Technical Report Y-87-1. U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

U.S. Army Corps of Engineers (USACE). 2008. *Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain*. ed. Wakeley JS, Lichvar RW and Noble CV. EDRC/ EL TR- 08-30. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS). 2006. *Land Resource Regions and Major Land Resource Areas of the United States, the Caribbean, and the Pacific Basin*. U.S. Department of Agriculture Handbook 296.

U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS). Web Soil Survey- Custom Soil Report, websoilsurvey.nrcs.usda.gov, Accessed: June 18, 2010

U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS), National Water & Climate Center weather website. Accessed December 17, 2010 for historical rainfall data

U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS), Plants Database. Accessed March 15, 2010.

U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS), National List of Hydric Soils (February 2010).

U.S. Fish & Wildlife Service. *National List of Vascular Plant Species that Occur in Wetlands: 1996 National Summary.*

U.S. Fish & Wildlife Service. National Wetland Inventory (NWI) maps.

Weather Underground. www.wunderground.com.

Appendix A — Methods and Tools

Table A-1. Methods and tools used to prepare the report.

Parameter	Method or Tool	Website	Reference
Wetland Delineation	1987 Manual	http://el.erdc.usace.army.mil/elpubs/pdf/wlman87.pdf	Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*, Technical Report Y-87-1, US. Army Engineer Waterways Experiment Station, Vicksburg, Miss.
	Regional Supplement	http://el.erdc.usace.army.mil/elpubs/pdf/trel08-30.pdf	U.S. Army Corps of Engineers. 2008. *Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region*, ed. J.S. Wakely, R.W. Lichvar, and C.V. Noble. ERDC/ EL TR-08-03. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
Wetland Classification	USFWS / Cowardin Classification System	http://www.fws.gov/nwi/Pubs_Reports/Class_Manual/class_titlepg.htm	Cowardin, L. M., V. Carter, F. C. Golet, E. T. LaRoe. 1979. *Classification of wetlands and deepwater habitats of the United States*. Government Printing Office, Washington, D.C.
Other waters Delineation	OHWM	http://www.usace.army.mil/inet/functions/cw/cecwo/reg/33cfr328.htm	Congressional Federal Register 33 Part 328 Definition of Waters of the United States.
Hydrology	Technical Standard	http://el.erdc.usace.army.mil/wrap/pdf/tnwrap05-2.pdf	U.S. Army Corps of Engineers. 2005. *Technical Standard for Water-Table Monitoring of Potential Wetland Sites, WRAP Technical Notes Collection* (ERDC TN-WRAP-05-02). U.S. Army Engineer Research and Development Center, Vicksburg, MS.
Plant Indicator Status	Southeast (Region 2) (Reed, 1988)	http://plants.usda.gov/wetinfo.html	Reed, P.B. Jr. 1988. *National list of plant species that occur in wetlands: Southeast* (Region 2) Washington. Biological Report NERC-88/26.2 for National Wetlands Inventory, Washington, D.C.
	National Wetland Plant List	https://rsgis.crrel.usace.army.mil/apex/f?p=703:1:3582582867881596	North American Digital Flora: National Wetland Plant List
	USDA Plant Database	http://plants.usda.gov/	Website (see Appendix A)
Soils Data	Soil Survey	Web Soil Survey: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx Soil Data Mart: http://soildatamart.nrcs.usda.gov/	Website
	Hydric Soil Indicators	http://soils.usda.gov/use/hydric/	USDA Natural Resources Conservation Service. 2006b. *Field indicators of hydric soils in the United States, Version 6.0*. ed. G. W. Hurt and L. M. Vasilas. Fort Worth, TX: USDA NRCS in cooperation with the National Technical Committee for Hydric Soils.
Climate Data	Wets Table	http://www.wcc.nrcs.usda.gov/climate/wetlands.html	Website

Appendix B — Detailed Site Information

Site maps, Plan and Profile Sheets, Wetland Datasheet, Other Water Field Datasheet, Site Photographs

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Tributaries Summary: 10,255 feet Total
Perennial: 4,545 feet
Intermittent: 3,955 feet
Ephemeral: 1,755 feet
Pond Total: 0.00 acres Total
Wetlands Summary: 0.00 acres Total
Emergent: 0.00 acres
Forested: 0.00 acres
Shrub-Scrub: 0.00 acres
LEGEND
Project Areas
Wetland
Open Water
0
1.25
2.5
Miles
SITE 1
SITE 2
SITE 3
SITE 4
SITE 5
SITE 6
SITE 7

I-55 from the Copiah County Line to McDowell Road
Hinds County, Mississippi
Topographic Map
Jackson, Florence, New Byram, and Terry Quadrangles
Tributaries Summary: 10,255 feet Total
Perennial: 4,545 feet
Intermittent: 3,955 feet
Ephemeral: 1,755 feet
Pond Total: 0.00 acres Total
Wetlands Summary: 0.00 acres Total
Emergent: 0.00 acres
Forested: 0.00 acres
Shrub-Scrub: 0.00 acres
LEGEND
Project Areas
Wetland
Open Water
0
1.25
2.5
Miles
N
SITE 1
SITE 2
SITE 3
SITE 4
SITE 5
SITE 6
SITE 7
SITE 8
SITE 9

SITE 1

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 1
CA-1 to CA-4 - Intermittent, 1,465 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-1
CA-2
CA-3
CA-4

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 1
CA-1 to CA-4 - Intermittent, 1,465 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-1
CA-2
CA-3
CA-4

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.08722 **Long:** 90.30928	**Sample Location ID:** ~~CA-26~~ CA-1
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/mowed
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☐ Forest ☑ Commercial ☑ Other (Explain): I-55 rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 140 (ft.) **Estimated channel width:** 3 (ft.) **Estimated channel depth:** 0.5 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☑ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-1	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.09105 **Long:** 90.30825	**Sample Location ID:** ~~CA-25~~ CA-2
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** VAUGHN CREEK **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/culverted under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): ☐ Field/Pasture ☐ Industrial Frontage road and I-55 rights-of-way ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 355 (ft.) **Estimated channel width:** 20 (ft.) **Estimated channel depth:** 2 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-2	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.09243 **Long:** 90.30785	**Sample Location ID:** ~~CA-24~~ CA-3
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/culverted under frontage road @ Tank Road
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): Frontage road rights-of-way ☑ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 940 (ft.) **Estimated channel width:** 2 (ft.) **Estimated channel depth:** 1 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 50 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-3	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.09345 **Long:** 90.30852	**Sample Location ID:** ~~CA-23~~ CA-4
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/culverted under frontage road @ Tank Road
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): ☑ Field/Pasture ☐ Industrial Frontage road rights-of-way ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 30 (ft.) **Estimated channel width:** 2 (ft.) **Estimated channel depth:** 3 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 50 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-4	
	
Description	View up-gradient

SITE 2

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 2
CA-5 - Intermittent, 150 feet
CA-6 to CA-7 - Perennial, 735 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-5
CA-6
CA-7

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 2
CA-5 - Intermittent, 150 feet
CA-6 to CA-7 - Perennial, 735 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-5
CA-6
CA-7

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.10770 **Long:** 90.29997	**Sample Location ID:** ~~CA-22~~ CA-5
Applicant/Owner:	Miss DOT	**Date:** 08-04-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/culverted under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): ☑ Field/Pasture ☐ Industrial I-55 and frontage road rights-of-way ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 150 (ft.) **Estimated channel width:** 2 (ft.) **Estimated channel depth:** 4 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 50 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-5	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.10863 **Long:** 90.29937	**Sample Location ID:** ~~CA-21~~ CA-6
Applicant/Owner:	Miss DOT	**Date:** 08-04-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number:	03180002 - Pearl River	**Tributary Name (if known):** ~~unnamed tributary to Rhodes Creek~~ HARRIS CREEK	
Size of Watershed:	1,267,299 acres	**Nearest TNW:** Pearl River	
Size of Drainage Area:			

TRIBUTARY CHARACTERIZATION

Tributary subsystem:

☐ Ephemeral ☐ Intermittent ☑ Perennial

Tributary flows directly into a TNW?

Explain: flows to Pearl River

Distance to nearest TNW:

River Miles: 1.04 avg. Aerial Miles: 0.93 avg.

Describe flow route to TNW: Southeasterly to the Pearl River

Tributary is (natural / artificial / manipulated):

Explain: bridged

WEATHER CONDITIONS

Current:

☐ rain (steady rain)
☐ showers (intermittent)
☐ cloud cover_____ (%)
☑ clear/ sunny
air temperature: 99 (°F)

Has there been heavy rain in the last 7 days? Yes

Average Rainfall: 3.84 (July) (in.)

Comment: July 27-28, 2011 (0.26")

WATERSHED FEATURES

Predominant surrounding landuse:

☑ Forest ☐ Commercial ☑ Other (Explain):
I-55 and frontage road rights-of-way

☑ Field/Pasture ☐ Industrial

☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 395 (ft.) **Estimated channel width:** 12 (ft.) **Estimated channel depth:** 10 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-6	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.11480 **Long:** 90.29622	**Sample Location ID:** ~~CA-20~~ CA-7
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** Rhodes Creek **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☐ Intermittent ☑ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** bridged
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): ☑ Field/Pasture ☐ Industrial I-55 and frontage road rights-of-way ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 340 (ft.) **Estimated channel width:** 30 (ft.) **Estimated channel depth:** 12 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-7	
	
Description	View up-gradient

SITE 3

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 3
CA-8 to CA-9 - Intermittent, 880 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-8
CA-9

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 3
CA-8 to CA-9 - Intermittent, 880 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-8
CA-9

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.14488 **Long:** 90.28088	**Sample Location ID:** ~~CA-19~~ CA-8
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): ☑ Field/Pasture ☐ Industrial I-55 and frontage road rights-of-way ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 440 (ft.) **Estimated channel width:** 12 (ft.) **Estimated channel depth:** 6 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-8	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.15338 **Long:** 90.27655	**Sample Location ID:** ~~CA-18~~ CA-9
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 440 (ft.) **Estimated channel width:** 6 (ft.) **Estimated channel depth:** 6 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** eroding banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-9	
	
Description	View up-gradient

SITE 4

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 4
CA-10 - Perennial, 345 feet
CA-11 - Intermittent, 340 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-10
CA-11

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 4
CA-10 - Perennial, 345 feet
CA-11 - Intermittent, 340 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-10
CA-11

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

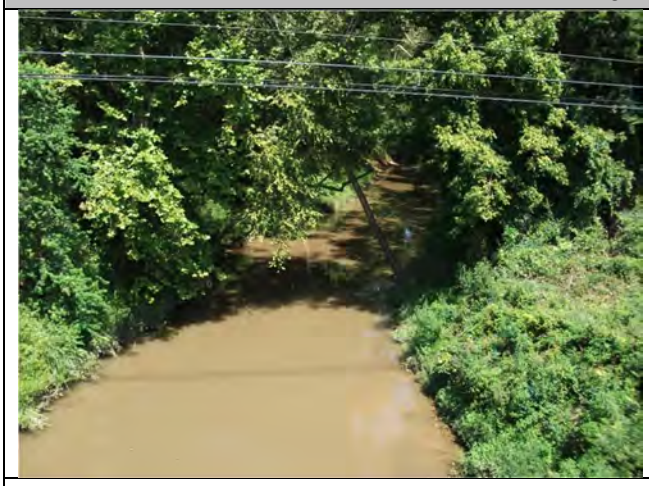
Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.16398 **Long:** 90.27043	**Sample Location ID:** ~~CA-17~~ CA-10
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** Big Creek **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☐ Intermittent ☑ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** bridged
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 345 (ft.) **Estimated channel width:** 30 (ft.) **Estimated channel depth:** 10 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 3-4" flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-10	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.17140 **Long:** 90.26543	**Sample Location ID:** ~~CA-16~~ CA-11
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☐ Forest ☑ Commercial ☑ Other (Explain): ☑ Field/Pasture ☐ Industrial I-55 and frontage road rights-of-way ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 340 (ft.) **Estimated channel width:** 6 (ft.) **Estimated channel depth:** 1 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 0 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-11	
	
Description	View up-gradient

SITE 5

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 5
CA-12 to CA-13 - Intermittent, 1,120 feet
CA-14 - Perennial, 340 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-12
CA-13
CA-14

CA-14
CA-13
CA-12
0
250
500
Feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
CA-12 to CA-13 - Intermittent, 1,120 feet
CA-14 - Perennial, 340 feet
I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 5

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.18670 **Long:** 90.25657	**Sample Location ID:** ~~CA-15~~ CA-12
Applicant/Owner: Miss DOT		**Date:** 08-05-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☑ cloud cover_____ (%) ☐ clear/ sunny air temperature: 97 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☐ Forest ☑ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 720 (ft.) **Estimated channel width:** 4 (ft.) **Estimated channel depth:** 1 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☐ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** trickle flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-12	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.19032 **Long:** 90.25390	**Sample Location ID:** ~~CA-14~~ CA-13
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☑ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☐ Forest ☑ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 400 (ft.) **Estimated channel width:** 20 (ft.) **Estimated channel depth:** 10 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** int.
VEGETATION	**Approximate width of riparian buffer:** 50 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-13	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.19488 **Long:** 90.25090	**Sample Location ID:** ~~CA-13~~ CA-14
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☐ Intermittent ☑ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☑ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 340 (ft.) **Estimated channel width:** 15 (ft.) **Estimated channel depth:** 12 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 1' slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 75 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-14	
	
Description	View up-gradient

SITE 6

CA-15
CA-16
CA-17
0
250
500
Feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
CA-15, CA-17 - Ephemeral, 145 feet
CA-16 - Perennial, 1,085 feet
I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 6

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 6
CA-15
CA-16
CA-17
CA-15, CA-17 - Ephemeral, 145 feet
CA-16 - Perennial, 1,085 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
N

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:**	Hinds County, Mississippi
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.20110 **Long:** 90.24655	**Sample Location ID:** ~~CA-12~~ CA-15
Applicant/Owner:	Miss DOT	**Date:**	08-05-2011
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number:	03180002 - Pearl River	**Tributary Name (if known):**	
Size of Watershed:	1,267,299 acres	**Nearest TNW:**	Pearl River
Size of Drainage Area:			

TRIBUTARY CHARACTERIZATION

Tributary subsystem:

☑ Ephemeral ☐ Intermittent ☐ Perennial

Tributary flows directly into a TNW?
Explain: flows to Pearl River

Distance to nearest TNW:
River Miles: 1.04 avg. Aerial Miles: 0.93 avg.

Describe flow route to TNW: Southeasterly to the Pearl River

Tributary is (natural / artificial / manipulated):
Explain: accepts drainage and directs under frontage road and I-55

WEATHER CONDITIONS

Current:
☐ rain (steady rain)
☐ showers (intermittent)
☑ cloud cover_____ (%)
☐ clear/ sunny
air temperature: 97 (°F)

Has there been heavy rain in the last 7 days? Yes

Average Rainfall: 3.84 (July) (in.)

Comment: July 27-28, 2011 (0.26")

WATERSHED FEATURES

Predominant surrounding landuse:

☑ Forest ☐ Commercial ☑ Other (Explain):
I-55 and frontage road rights-of-way

☑ Field/Pasture ☐ Industrial

☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 75 (ft.) **Estimated channel width:** 2 (ft.) **Estimated channel depth:** 8 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☑ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-15	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.20267 **Long:** 90.24512	**Sample Location ID:** ~~CA-11~~ CA-16
Applicant/Owner:	Miss DOT	**Date:** 08-04-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number:	03180002 - Pearl River	**Tributary Name (if known):** Trahon Creek	
Size of Watershed:	1,267,299 acres	**Nearest TNW:** Pearl River	
Size of Drainage Area:			

TRIBUTARY CHARACTERIZATION

Tributary subsystem:

☐ Ephemeral ☐ Intermittent ☑ Perennial

Tributary flows directly into a TNW?

Explain: flows to Pearl River

Distance to nearest TNW:

River Miles: 1.04 avg. Aerial Miles: 0.93 avg.

Describe flow route to TNW: Southeasterly to the Pearl River

Tributary is (natural / artificial / manipulated):

Explain: manipulated/culverted under frontage road and I-55

WEATHER CONDITIONS

Current:

☐ rain (steady rain)
☐ showers (intermittent)
☐ cloud cover_____ (%)
☑ clear/ sunny
air temperature: 99 (°F)

Has there been heavy rain in the last 7 days? Yes

Average Rainfall: 3.84 (July) (in.)

Comment: July 27-28, 2011 (0.26")

WATERSHED FEATURES

Predominant surrounding landuse:

☑ Forest ☐ Commercial ☑ Other (Explain):
I-55 and frontage road rights-of-way

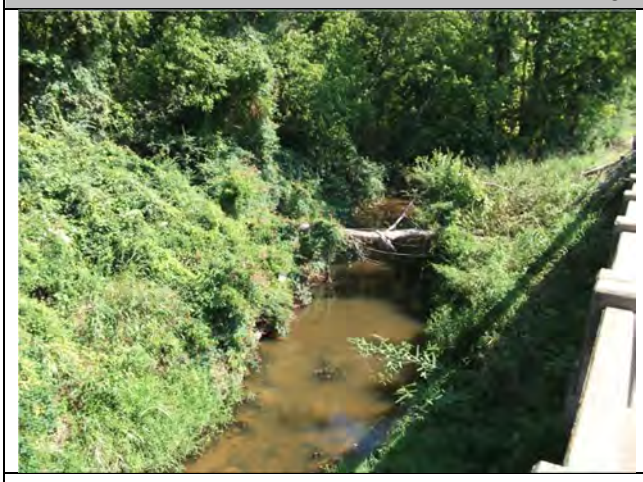
☐ Field/Pasture ☐ Industrial

☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 1085 (ft.) **Estimated channel width:** 12 (ft.) **Estimated channel depth:** 15 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 1-2' slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-16	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.20760 **Long:** 90.23962	**Sample Location ID:** ~~CA-10~~ CA-17
Applicant/Owner: Miss DOT		**Date:** 08-05-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☑ Ephemeral ☐ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under frontage road
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☑ cloud cover_____ (%) ☐ clear/ sunny air temperature: 97 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 70 (ft.) **Estimated channel width:** 1 (ft.) **Estimated channel depth:** 1 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** eroding banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-17	
	
Description	View down-gradient

SITE 7

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 7
CA-18 to CA-20 - Ephemeral, 1,170 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-18
CA-19
CA-20

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 7
CA-18 to CA-20 - Ephemeral, 1,170 feet
CA-18
CA-19
CA-20
0
250
500
Feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.21097 **Long:** 90.23522	**Sample Location ID:** ~~CA-9~~ CA-18
Applicant/Owner:	Miss DOT	**Date:** 08-05-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☑ Ephemeral ☐ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/piped under I-55 and frontage roads
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☑ cloud cover_____ (%) ☐ clear/ sunny air temperature: 97 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 500 (ft.) **Estimated channel width:** 5 (ft.) **Estimated channel depth:** 8 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** No **Explain:** dry
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-18	
	
Description	View down-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.21250 **Long:** 90.23353	**Sample Location ID:** ~~CA-8~~ CA-19
Applicant/Owner:	Miss DOT	**Date:**	08-05-2011
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number:	03180002 - Pearl River	**Tributary Name (if known):**	
Size of Watershed:	1,267,299 acres	**Nearest TNW:**	Pearl River
Size of Drainage Area:			

TRIBUTARY CHARACTERIZATION

Tributary subsystem:

☑ Ephemeral ☐ Intermittent ☐ Perennial

Tributary flows directly into a TNW?
Explain: flows to Pearl River

Distance to nearest TNW:
River Miles: 1.04 avg. Aerial Miles: 0.93 avg.

Describe flow route to TNW: Southeasterly to the Pearl River

Tributary is (natural / artificial / manipulated):
Explain: manipulated/piped under I-55 and frontage roads

WEATHER CONDITIONS

Current:
☐ rain (steady rain)
☐ showers (intermittent)
☑ cloud cover_____ (%)
☐ clear/ sunny
air temperature: 97 (°F)

Has there been heavy rain in the last 7 days? Yes

Average Rainfall: 3.84 (July) (in.)

Comment: July 27-28, 2011 (0.26")

WATERSHED FEATURES

Predominant surrounding landuse:

☑ Forest ☐ Commercial ☑ Other (Explain):
I-55 and frontage road rights-of-way
☐ Field/Pasture ☐ Industrial
☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 230 (ft.) **Estimated channel width:** 3 (ft.) **Estimated channel depth:** 4 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** eroding banks **Riffle / Run / Pool complex:** No **Explain:** dry
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-19	
	
Description	View down-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.21653 **Long:** 90.23022	**Sample Location ID:** ~~CA-7~~ CA-20
Applicant/Owner:	Miss DOT	**Date:** 08-05-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number:	03180002 - Pearl River	**Tributary Name (if known):**	
Size of Watershed:	1,267,299 acres	**Nearest TNW:** Pearl River	
Size of Drainage Area:			

TRIBUTARY CHARACTERIZATION

Tributary subsystem:

☑ Ephemeral ☐ Intermittent ☐ Perennial

Tributary flows directly into a TNW?

Explain: flows to Pearl River

Distance to nearest TNW:

River Miles: 1.04 avg. Aerial Miles: 0.93 avg.

Describe flow route to TNW: Southeasterly to the Pearl River

Tributary is (natural / artificial / manipulated):

Explain: accepts stormwater drainage from roadways

WEATHER CONDITIONS

Current:

☐ rain (steady rain)
☐ showers (intermittent)
☑ cloud cover_____ (%)
☐ clear/ sunny
air temperature: 97 (°F)

Has there been heavy rain in the last 7 days? Yes

Average Rainfall: 3.84 (July) (in.)

Comment: July 27-28, 2011 (0.26")

WATERSHED FEATURES

Predominant surrounding landuse:

☐ Forest ☐ Commercial ☑ Other (Explain):
I-55 and frontage road rights-of-way

☐ Field/Pasture ☐ Industrial

☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 440 (ft.) **Estimated channel width:** 3 (ft.) **Estimated channel depth:** 0.5 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☐ 4:1 ☑ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** pools
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 10 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-20	
	
Description	View down-gradient

SITE 8

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 8
CA-21, CA-24 - Perennial, 1,515 feet
CA-22, CA-23 - Ephemeral, 440 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
312.5
625
Feet
CA-21
CA-22
CA-23
CA-24

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 8
CA-21, CA-24 - Perennial, 1,515 feet
CA-22, CA-23 - Ephemeral, 440 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0 312.5 625 Feet
CA-21
CA-22
CA-23
CA-24

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.22180 **Long:** 90.22670	**Sample Location ID:** ~~CA-6~~ CA-21
Applicant/Owner:	Miss DOT	**Date:** 08-04-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number:	03180002 - Pearl River	**Tributary Name (if known):**	
Size of Watershed:	1,267,299 acres	**Nearest TNW:** Pearl River	
Size of Drainage Area:			

TRIBUTARY CHARACTERIZATION

Tributary subsystem:

☐ Ephemeral ☐ Intermittent ☑ Perennial

Tributary flows directly into a TNW?
Explain: flows to Pearl River

Distance to nearest TNW:
River Miles: 1.04 avg. Aerial Miles: 0.93 avg.

Describe flow route to TNW: Southeasterly to the Pearl River

Tributary is (natural / artificial / manipulated):
Explain: manipulated/mowed/piped under frontage roads and I-55

WEATHER CONDITIONS

Current:
☐ rain (steady rain)
☐ showers (intermittent)
☐ cloud cover_____ (%)
☑ clear/ sunny
air temperature: 99 (°F)

Has there been heavy rain in the last 7 days? Yes

Average Rainfall: 3.84 (July) (in.)

Comment: July 27-28, 2011 (0.26")

WATERSHED FEATURES

Predominant surrounding landuse:

☐ Forest ☐ Commercial ☑ Other (Explain):
I-55 and frontage road rights-of-way

☐ Field/Pasture ☐ Industrial

☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 1175 (ft.) **Estimated channel width:** 8 (ft.) **Estimated channel depth:** 4 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☑ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 6-8" slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 15 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-21	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.22625 **Long:** 90.22383	**Sample Location ID:** ~~CA-5~~ CA-22
Applicant/Owner: Miss DOT		**Date:** 08-05-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☑ Ephemeral ☐ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☑ cloud cover_____ (%) ☐ clear/ sunny air temperature: 97 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☐ Other (Explain): ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 100 (ft.) **Estimated channel width:** 3 (ft.) **Estimated channel depth:** 3 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☑ 2:1 ☐ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** eroding banks and incised with vegetation in channel floor **Riffle / Run / Pool complex:** No **Explain:** dry
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 20 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-22	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project:	IM-0055-02 (218)/ 106023	**City/County/State:** Hinds County, Mississippi	
Investigator(s):	John L. Farmer, PE, CPESC Florence & Hutcheson	**Lat:** 32.22942 **Long:** 90.22210	**Sample Location ID:** ~~CA-4~~ CA-23
Applicant/Owner:	Miss DOT	**Date:** 08-05-2011	
Reason for Survey:	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☑ Ephemeral ☐ Intermittent ☐ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** manipulated/rip-rap/mowed/piped under frontage road and I-55
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☑ cloud cover_____ (%) ☐ clear/ sunny air temperature: 97 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☐ Forest ☑ Commercial ☐ Other (Explain): ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 340 (ft.) **Estimated channel width:** 3 (ft.) **Estimated channel depth:** 4 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** eroding banks with vegetation in channel floor **Riffle / Run / Pool complex:** No **Explain:** dry
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** relatively straight **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** ephem.
VEGETATION	**Approximate width of riparian buffer:** 0 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-23	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.23528 **Long:** 90.21913	**Sample Location ID:** ~~CA-3~~ CA-24
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** Cany Creek **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☐ Intermittent ☑ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** natural with culvert under I-55 and frontage road
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 340 (ft.) **Estimated channel width:** 15 (ft.) **Estimated channel depth:** 20 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 1' slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-24	
	
Description	View up-gradient

SITE 9

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 9
CA-25
CA-26
0
250
500
Feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
CA-25, CA-26 - Perennial, 525 feet

I-55 from the Copiah County Line
to McDowell Road
Hinds County, Mississippi
Site 9
CA-25, CA-26 - Perennial, 525 feet
LEGEND
Open Water
Wetland - Forested
Wetland - Shrub - Scrub
Wetland - Emergent
Other Waters In Project
0
250
500
Feet
CA-25
CA-26

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

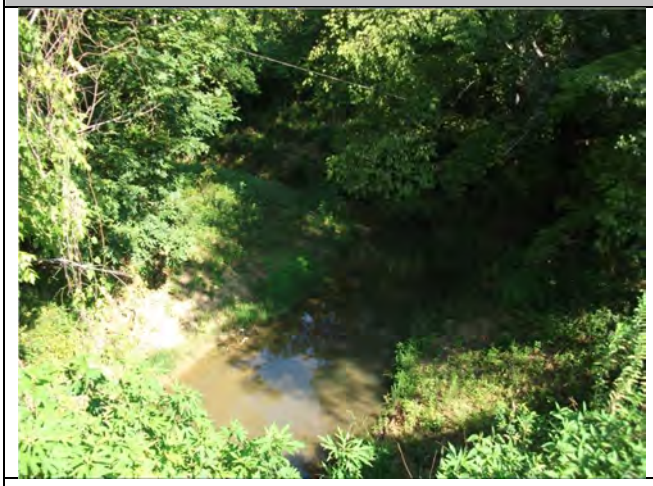
Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.25595 **Long:** 90.21130	**Sample Location ID:** ~~CA-2~~ CA-25
Applicant/Owner: Miss DOT		**Date:** 08-04-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** Hardy Creek **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☐ Intermittent ☑ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** natural with culvert under I-55 and frontage road
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☐ cloud cover_____ (%) ☑ clear/ sunny air temperature: 99 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☐ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 350 (ft.) **Estimated channel width:** 15 (ft.) **Estimated channel depth:** 15 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☐ 3:1 ☑ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☐ silt ☑ gravel ☑
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 1' slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

CA-25	
	
Description	View up-gradient

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

Project: IM-0055-02 (218)/ 106023		**City/County/State:** Hinds County, Mississippi	
Investigator(s): John L. Farmer, PE, CPESC Florence & Hutcheson		**Lat:** 32.26608 **Long:** 90.20898	**Sample Location ID:** ~~CA-1~~ CA-26
Applicant/Owner: Miss DOT		**Date:** 08-05-2011	
Reason for Survey: Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
River Basin/HUC Number: 03180002 - Pearl River **Size of Watershed:** 1,267,299 acres **Size of Drainage Area:**		**Tributary Name (if known):** **Nearest TNW:** Pearl River	

TRIBUTARY CHARACTERIZATION	**Tributary subsystem:** ☐ Ephemeral ☐ Intermittent ☑ Perennial **Tributary flows directly into a TNW?** **Explain:** flows to Pearl River **Distance to nearest TNW:** River Miles: 1.04 avg. Aerial Miles: 0.93 avg. **Describe flow route to TNW:** Southeasterly to the Pearl River **Tributary is** (natural / artificial / manipulated): **Explain:** natural with box culvert under I-55 and frontage road
WEATHER CONDITIONS	**Current:** ☐ rain (steady rain) ☐ showers (intermittent) ☑ cloud cover_____ (%) ☐ clear/ sunny air temperature: 97 (°F) **Has there been heavy rain in the last 7 days?** Yes **Average Rainfall:** 3.84 (July) (in.) **Comment:** July 27-28, 2011 (0.26")
WATERSHED FEATURES	**Predominant surrounding landuse:** ☑ Forest ☑ Commercial ☑ Other (Explain): I-55 and frontage road rights-of-way ☐ Field/Pasture ☐ Industrial ☐ Agricultural ☐ Residential

FIELD DATA SHEET

OTHER WATERS OF THE U.S.

TRIBUTARY FEATURES	**Estimated reach length:** 175 (ft.) **Estimated channel width:** 18 (ft.) **Estimated channel depth:** 20 (ft.) **Channelized:** Yes **Dam present:** No **Estimated slope of banks:** vertical ☐ 2:1 ☑ 3:1 ☐ 4:1 ☐ greater ☐ **Substrate:** sand ☐ cobble ☑ silt ☑ gravel ☐
TRIBUTARY CONDITION	**Tributary has** (defined bed and banks / OHWM): **Explain:** defined bed/banks **Bank stability** (highly eroded, sloughing banks, etc): **Explain:** stable banks **Riffle / Run / Pool complex:** Yes **Explain:** 1-2' slow flow
FLOW CONDITIONS	**Tributary geometry** (relatively straight, meandering, other): **Explain:** meandering **Current flow is** (discrete, confined, overland sheet flow, etc): **Explain:** confined **Average flow events per year:** perenn.
VEGETATION	**Approximate width of riparian buffer:** 100 (ft.) **Dominant species present** (top bank / buffer): **Aquatic vegetation present:** **Comment:**

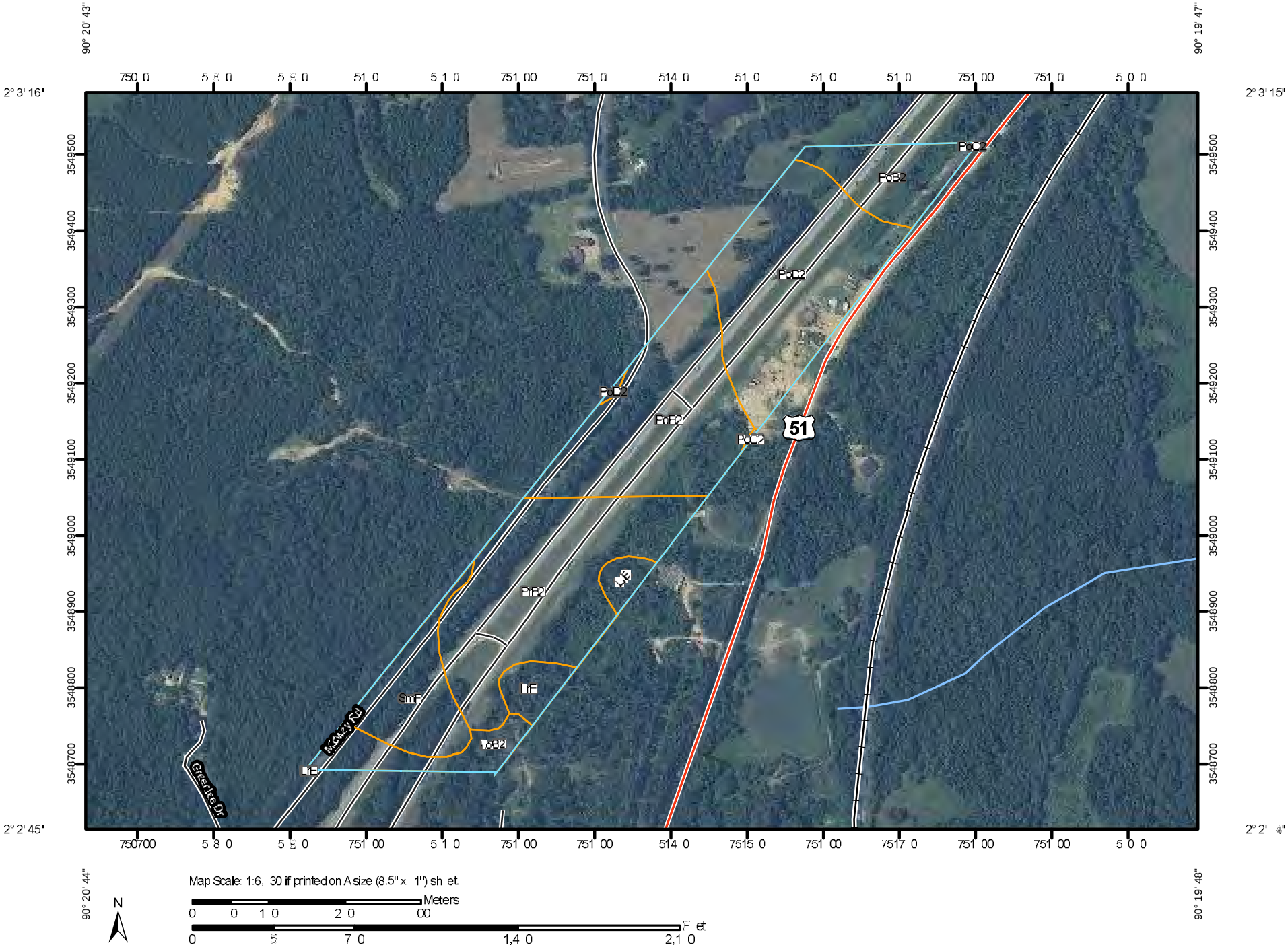
CA-26	
	
Description	View up-gradient

Appendix C — Background Information

USDA NRCS Web Soil Survey

USFWS National Wetland Inventory Map

Soil Map—Copiah County, Mississippi, and Hinds County, Mississippi
(I-55)



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:6,930 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Copiah County, Mississippi
Survey Area Data: Version 12, Jul 8, 2010

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Date(s) aerial images were photographed: Data not available.

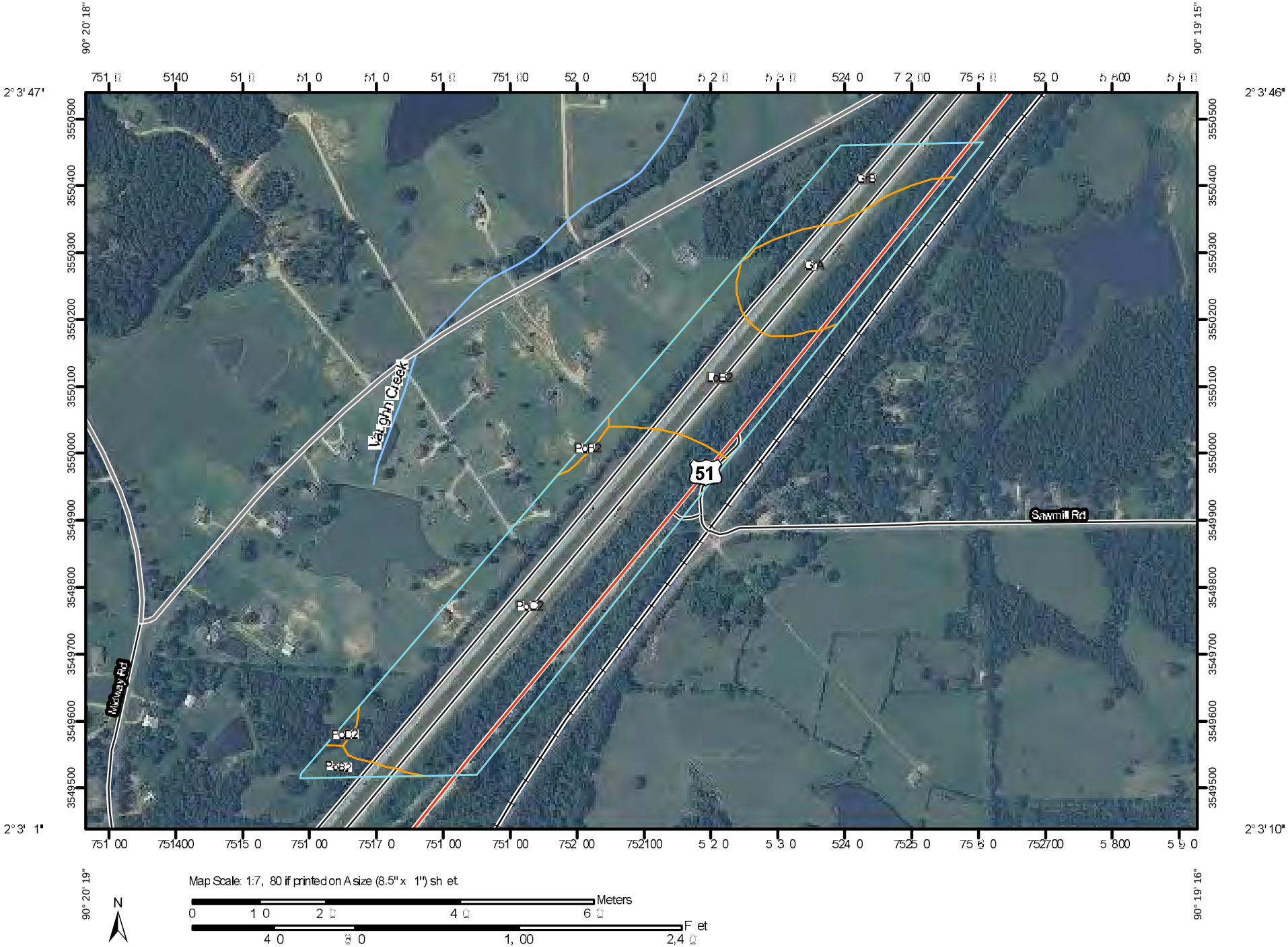
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Copiah County, Mississippi (MS029)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	2.7	5.5%
LrE	Lorman fine sandy loam, 12 to 35 percent slopes	2.1	4.3%
PrB2	Providence silt loam, 2 to 5 percent slopes, eroded	13.0	26.9%
SmF	Smithdale sandy loam, 17 to 40 percent slopes	4.2	8.6%
Subtotals for Soil Survey Area		**22.0**	**45.3%**
Totals for Area of Interest		**48.4**	**100.0%**

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
PoB2	Providence silt loam, 2 to 5 percent slopes, eroded	14.5	30.0%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	0.0	0.1%
PoD2	Providence silt loam, 8 to 15 percent slopes, eroded	11.9	24.5%
Subtotals for Soil Survey Area		**26.5**	**54.7%**
Totals for Area of Interest		**48.4**	**100.0%**

Soil Map—Hinds County, Mississippi
(I-55)



USDA Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/30/2011

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:7,880 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

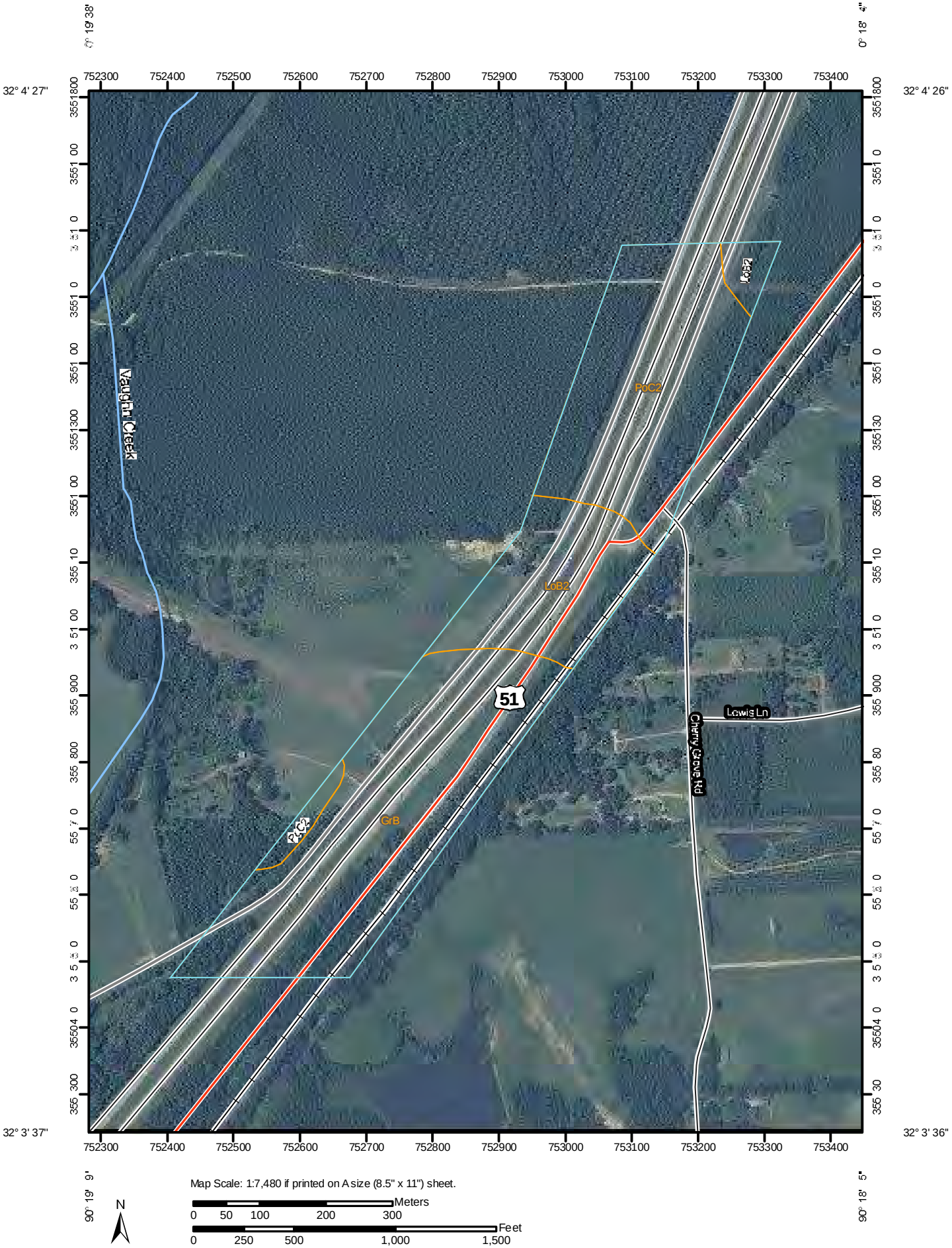
Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
GrA	Grenada silt loam, 0 to 2 percent slopes	8.7	15.7%
GrB	Grenada silt loam, 2 to 5 percent slopes	5.2	9.4%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	10.0	18.1%
PoB2	Providence silt loam, 2 to 5 percent slopes, eroded	1.4	2.5%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	29.8	53.9%
PoD2	Providence silt loam, 8 to 15 percent slopes, eroded	0.3	0.5%
Totals for Area of Interest		**55.4**	**100.0%**


32° 4' 27"
32° 4' 26"
32° 3' 37"
32° 3' 36"
752300
752400
752500
752600
752700
752800
752900
753000
753100
753200
753300
753400
3551800
3551700
3551600
3551500
3551400
3551300
3551200
3551100
3551000
3550900
3550800
3550700
3550600
3550500
3550400
3550300
LoB2
PoC2
GrB
51
Lewis Ln
Cherry Grove Rd
Map Scale: 1:7,480 if printed on A size (8.5" x 11") sheet.
N
Meters
0 50 100 200 300
Feet
0 250 500 1,000 1,500

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:7,480 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
GrB	Grenada silt loam, 2 to 5 percent slopes	29.5	44.7%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	13.6	20.6%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	22.9	34.7%
Totals for Area of Interest		**66.0**	**100.0%**


32° 5' 4"
32° 4' 18"
753000
753100
753200
753300
753400
753500
753600
753700
753800
753900
754000
Valley Creek
Valley Campbell Rd
I-55 West Frontage Rd
PoC2
GrB
LoB2
W
51
Map Scale: 1:6,900 if printed on A size (8.5" x 11") sheet.
Meters
0 50 100 200 300
Feet
0 250 500 1,000 1,500
N

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:6,900 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

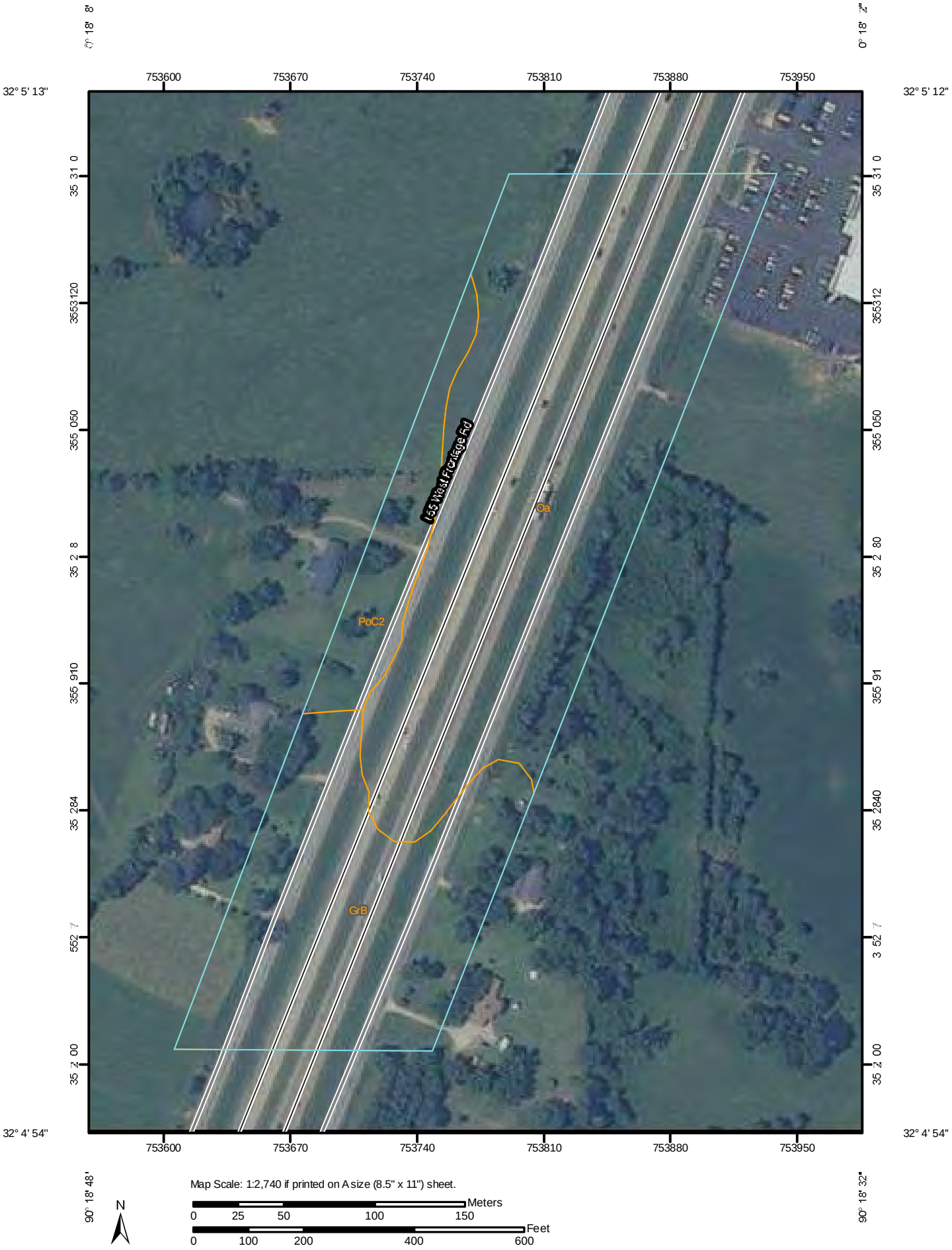
Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
GrB	Grenada silt loam, 2 to 5 percent slopes	13.5	18.7%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	41.6	57.7%
LoC2	Loring silt loam, 5 to 8 percent slopes, eroded	1.4	1.9%
Oa	Oaklimeter silt loam	1.9	2.6%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	13.6	18.8%
W	Water	0.2	0.3%
Totals for Area of Interest		**72.2**	**100.0%**


753600
753670
753740
753810
753880
753950
32° 5' 13"
32° 5' 12"
32° 4' 54"
90° 18' 48"
90° 18' 32"
35 31 0
3553120
355 050
35 2 8
355 910
35 284
552 7
35 2 00
3553112
355 080
355 91
35 2840
3 52 7
I-55 Nbsd Frontage Rd
Oa
PoC2
GrB
Map Scale: 1:2,740 if printed on A size (8.5" x 11") sheet.
N
Meters
0 25 50 100 150
Feet
0 100 200 400 600

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:2,740 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
GrB	Grenada silt loam, 2 to 5 percent slopes	5.4	31.0%
Oa	Oaklimeter silt loam	10.5	60.4%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	1.5	8.6%
Totals for Area of Interest		**17.3**	**100.0%**


753600
753800
754000
754200
754400
754600
754800
32° 6' 11"
32° 5' 9"
90° 18' 49"
90° 17' 53"
Green Gable Rd
I-55 East Frontage Rd
Cemetery Dr
Curtis Graham Ave
Mackson St
I-55 West Frontage Rd
Tank Rd
Beasley St
Vaughn Creek
51
GrB
PoC2
Oa
Co
Map Scale: 1:9,180 if printed on A size (8.5" x 11") sheet.
N
Meters
0 50 100 200 300
Feet
0 350 700 1,400 2,100

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:9,180 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

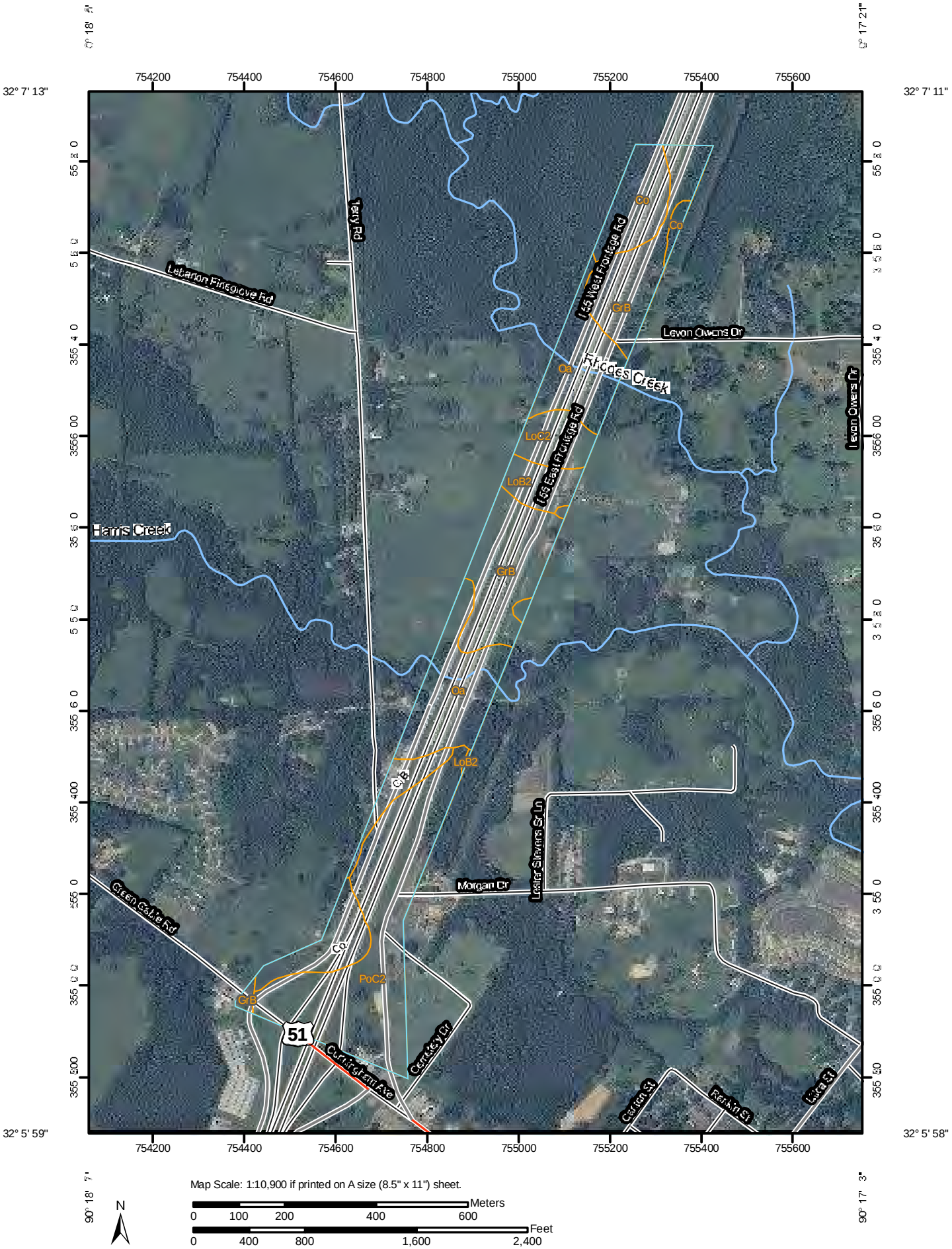
Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Co	Calloway silt loam	0.0	0.0%
GrB	Grenada silt loam, 2 to 5 percent slopes	12.5	18.4%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	5.8	8.5%
Oa	Oaklimeter silt loam	21.6	31.7%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	28.2	41.5%
Totals for Area of Interest		**68.1**	**100.0%**


32° 7' 13"
32° 7' 11"
32° 5' 59"
32° 5' 58"
90° 18' 7"
90° 17' 21"
90° 17' 3"
754200
754400
754600
754800
755000
755200
755400
755600
3557800
3557400
3557000
3556600
3556200
3555800
3555400
3555000
3554600
3554200
3553800
Leary Rd
Lebanon Fingalove Rd
I-55 West Frontage Rd
I-55 East Frontage Rd
Levon Owens Dr
Reddoss Creek
Harris Creek
Morgan Dr
Lester Stevens Sr Ln
Green Gable Rd
Curtis Glenn Ave
Cemetery Dr
Carlton St
Rankin St
Lucas St
51
Co
GrB
LoB2
LoC2
PoC2
Oa
Map Scale: 1:10,900 if printed on A size (8.5" x 11") sheet.
N
Meters
0 100 200 400 600
Feet
0 400 800 1,600 2,400

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:10,900 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

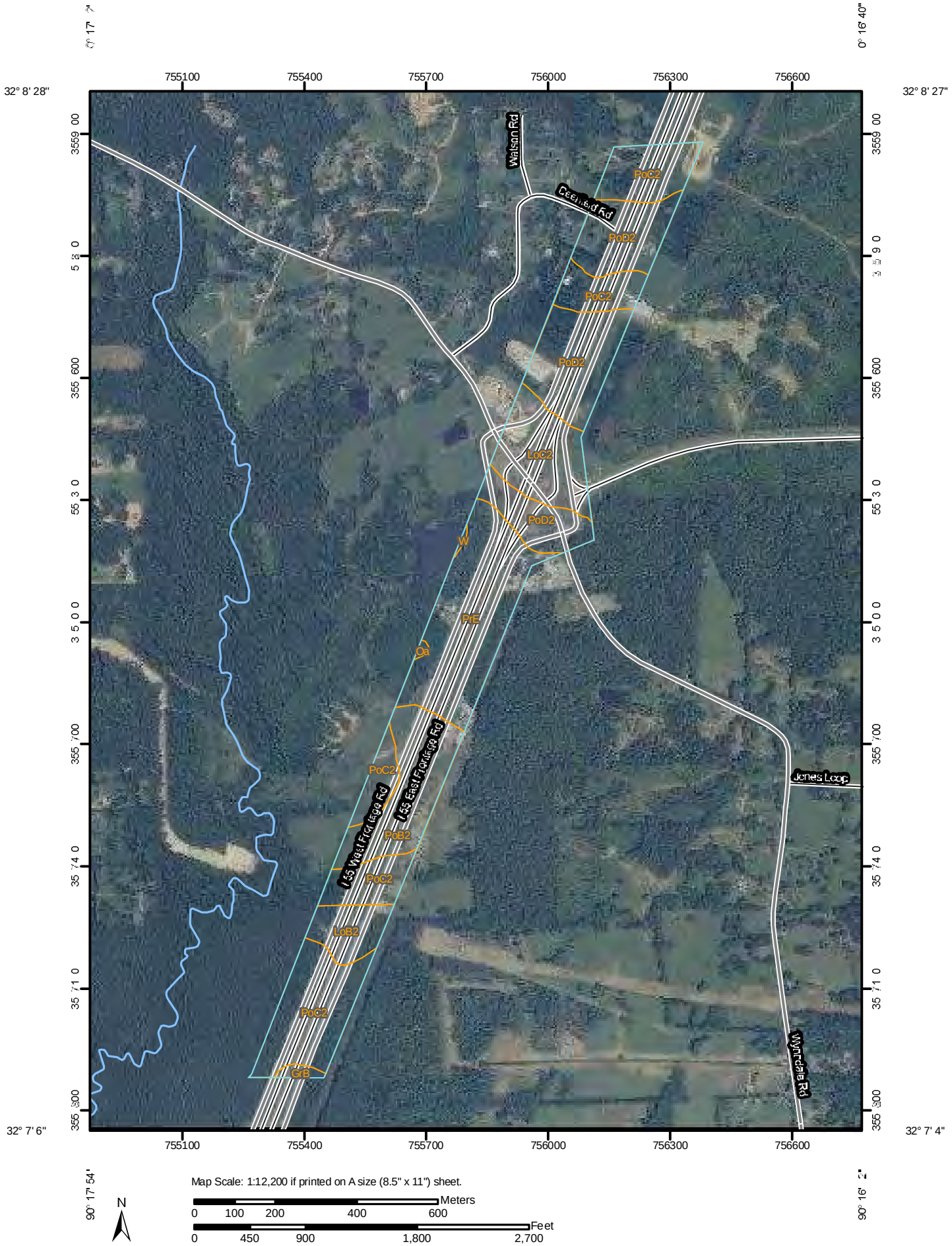
Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Co	Calloway silt loam	12.2	13.6%
GrB	Grenada silt loam, 2 to 5 percent slopes	23.7	26.3%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	3.7	4.1%
LoC2	Loring silt loam, 5 to 8 percent slopes, eroded	4.4	4.9%
Oa	Oaklimeter silt loam	19.7	21.9%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	26.3	29.3%
Totals for Area of Interest		**89.9**	**100.0%**


90° 17' 7"
90° 16' 40"
32° 8' 28"
32° 8' 27"
755100
755400
755700
756000
756300
756600
3559 00
355 600
355 300
32° 7' 6"
32° 7' 4"
90° 17' 54"
90° 16' 27"
Watson Rd
Jones Loop
Wyndale Rd
I-55 West Frontage Rd
I-55 East Frontage Rd
PoC2
PoD2
LoC2
PrE
Qa
W
PoB2
LoB2
GrB
Map Scale: 1:12,200 if printed on A size (8.5" x 11") sheet.
N
Meters
0 100 200 400 600
Feet
0 450 900 1,800 2,700

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:12,200 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

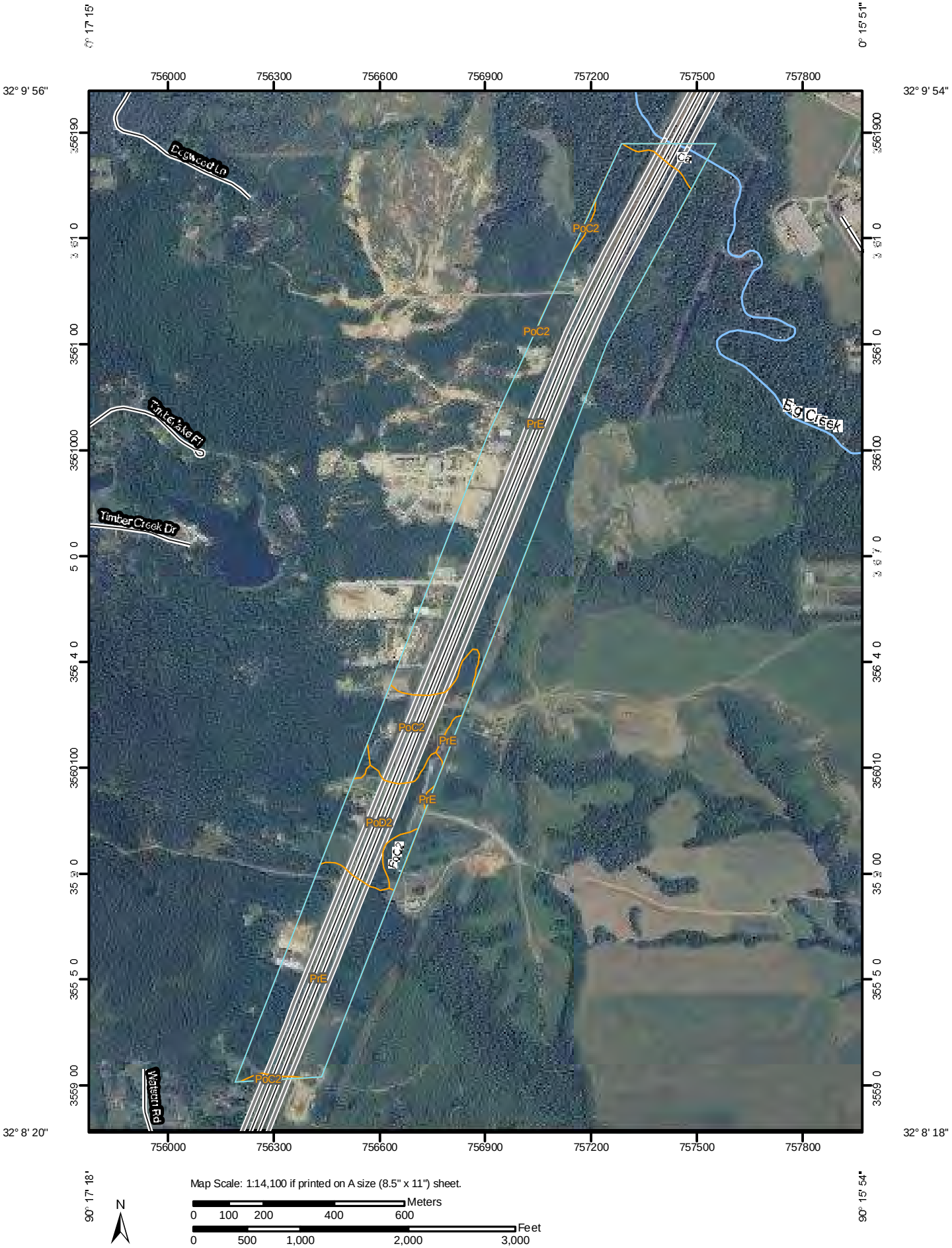
Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
GrB	Grenada silt loam, 2 to 5 percent slopes	0.8	0.7%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	5.4	4.7%
LoC2	Loring silt loam, 5 to 8 percent slopes, eroded	11.8	10.1%
Oa	Oaklimeter silt loam	0.2	0.2%
PoB2	Providence silt loam, 2 to 5 percent slopes, eroded	13.6	11.7%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	33.6	28.8%
PoD2	Providence silt loam, 8 to 15 percent slopes, eroded	28.1	24.1%
PrE	Providence-Smithdale complex, 8 to 20 percent slopes	22.9	19.7%
W	Water	0.1	0.1%
Totals for Area of Interest		**116.5**	**100.0%**

Soil Map—Hinds County, Mississippi
(I-55)



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:14,100 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

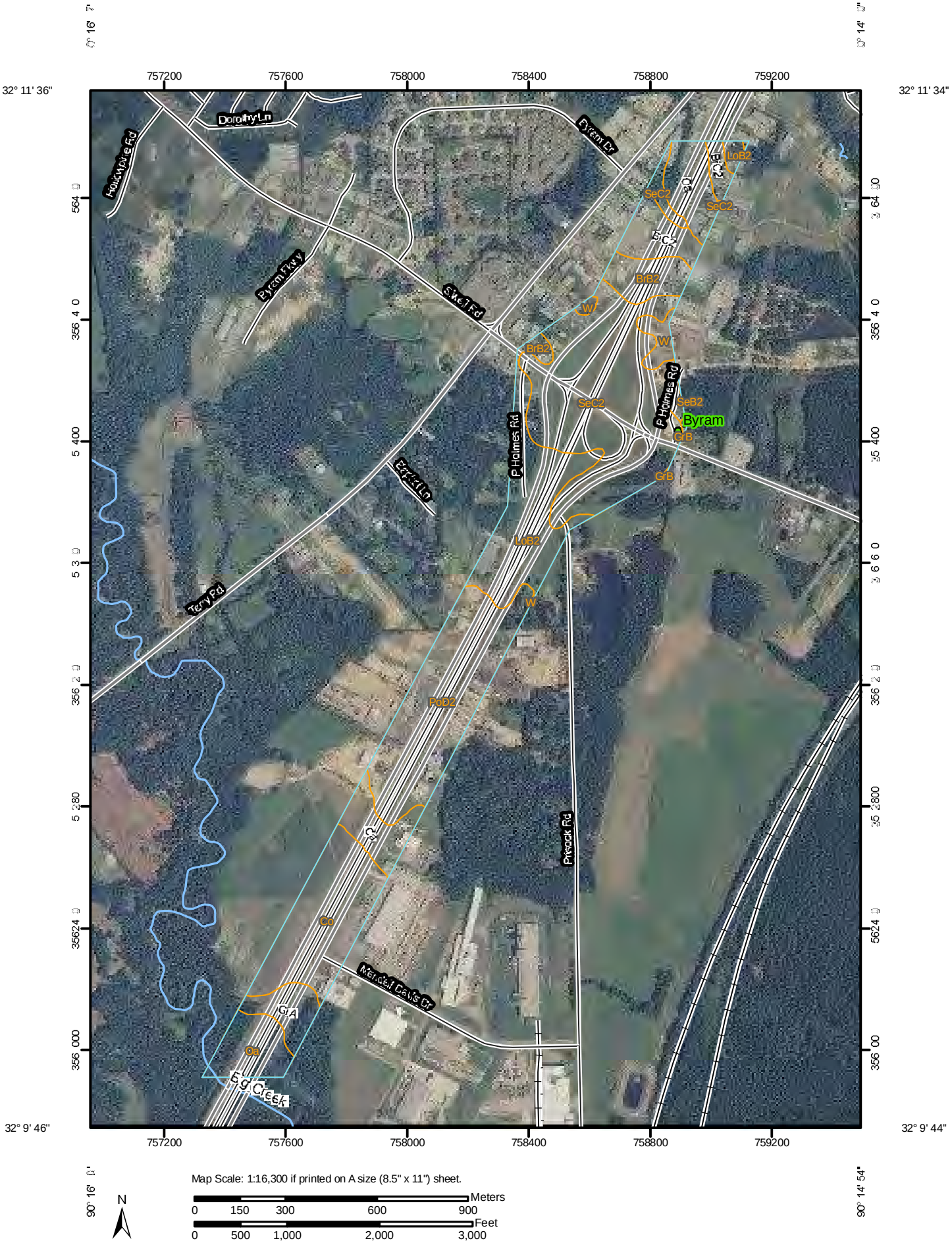
Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Oa	Oaklimeter silt loam	3.3	2.1%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	16.6	10.6%
PoD2	Providence silt loam, 8 to 15 percent slopes, eroded	15.0	9.6%
PrE	Providence-Smithdale complex, 8 to 20 percent slopes	121.7	77.7%
Totals for Area of Interest		**156.6**	**100.0%**



Map Scale: 1:16,300 if printed on A size (8.5" x 11") sheet.

N

Meters
0 150 300 600 900

Feet
0 500 1,000 2,000 3,000

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:16,300 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
BrB2	Byram silt loam, 2 to 5 percent slopes, eroded	10.1	4.2%
BrC2	Byram silt loam, 5 to 8 percent slopes, eroded	11.7	4.9%
Ca	Calhoun silt loam	9.2	3.9%
Co	Calloway silt loam	30.1	12.7%
GrA	Grenada silt loam, 0 to 2 percent slopes	7.5	3.2%
GrB	Grenada silt loam, 2 to 5 percent slopes	0.2	0.1%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	31.8	13.4%
Oa	Oaklimeter silt loam	21.4	9.0%
PoD2	Providence silt loam, 8 to 15 percent slopes, eroded	43.4	18.3%
SeB2	Siwell silt loam, 2 to 5 percent slopes, eroded	1.3	0.5%
SeC2	Siwell silt loam, 5 to 8 percent slopes, eroded	67.0	28.2%
W	Water	4.2	1.8%
Totals for Area of Interest		**237.9**	**100.0%**

Soil Map—Hinds County, Mississippi
(I-55)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:23,100 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

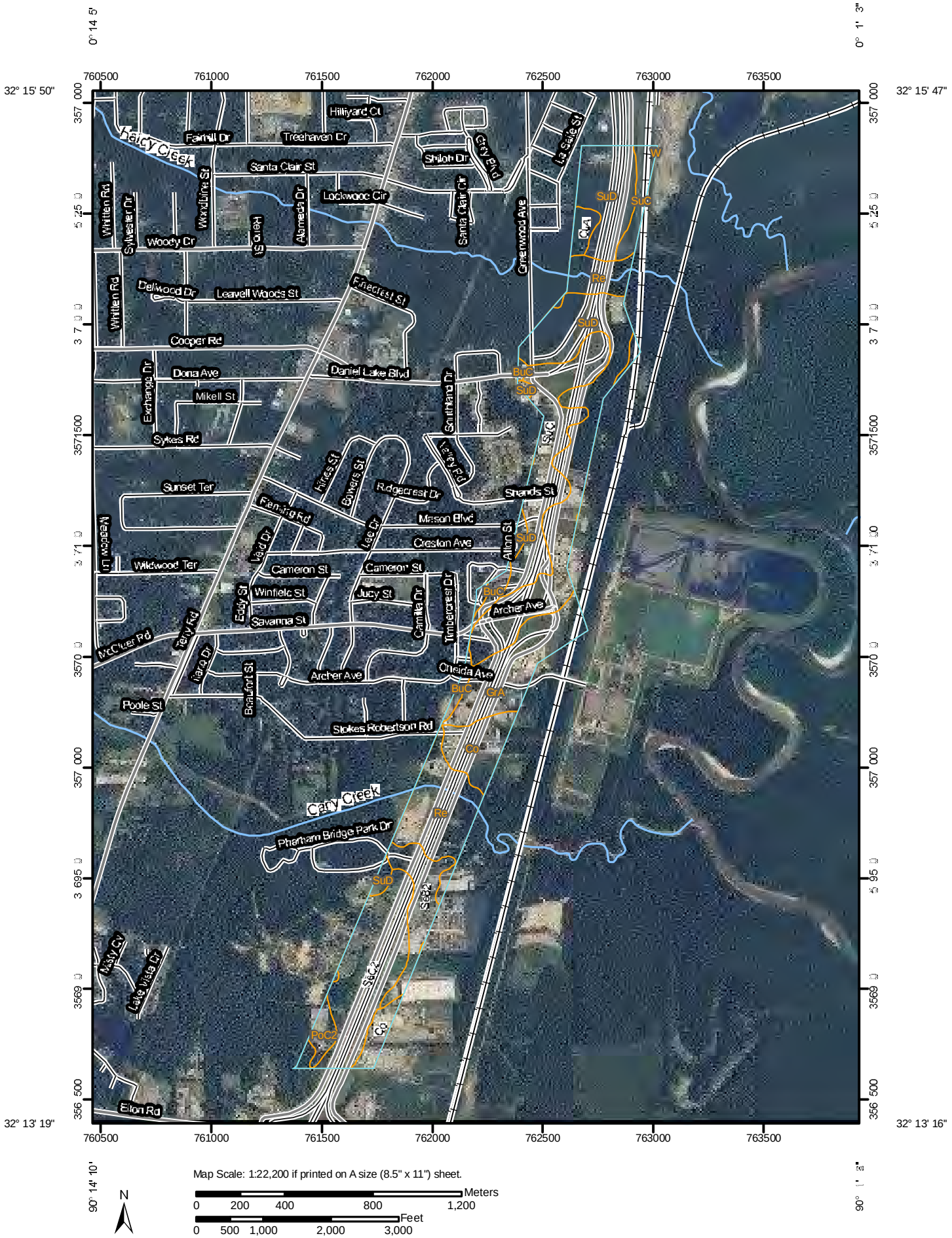
Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
BrC2	Byram silt loam, 5 to 8 percent slopes, eroded	20.2	6.3%
Co	Calloway silt loam	15.0	4.7%
GrB	Grenada silt loam, 2 to 5 percent slopes	18.6	5.8%
LoB2	Loring silt loam, 2 to 5 percent slopes, eroded	38.7	12.1%
LoC2	Loring silt loam, 5 to 8 percent slopes, eroded	51.7	16.1%
LuC	Loring-Urban land complex, 2 to 8 percent slopes	1.3	0.4%
Oa	Oaklimeter silt loam	11.4	3.5%
PoB2	Providence silt loam, 2 to 5 percent slopes, eroded	1.5	0.5%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	0.1	0.0%
PrE	Providence-Smithdale complex, 8 to 20 percent slopes	98.7	30.8%
Re	Riedtown silt loam	18.4	5.7%
SeC2	Siwell silt loam, 5 to 8 percent slopes, eroded	35.0	10.9%
SuD	Siwell-Urban land complex, 8 to 15 percent slopes	6.3	2.0%
W	Water	3.9	1.2%
Totals for Area of Interest		**320.8**	**100.0%**



Map Scale: 1:22,200 if printed on A size (8.5" x 11") sheet.

N

Meters
0 200 400 800 1,200

Feet
0 500 1,000 2,000 3,000

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:22,200 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
BuC	Byram-Urban land complex, 2 to 8 percent slopes	7.0	2.0%
Co	Calloway silt loam	24.4	7.0%
CuA	Calloway-Urban land complex	4.7	1.4%
GrA	Grenada silt loam, 0 to 2 percent slopes	35.4	10.1%
PoC2	Providence silt loam, 5 to 8 percent slopes, eroded	5.5	1.6%
Re	Riedtown silt loam	45.0	12.9%
SeB2	Siwell silt loam, 2 to 5 percent slopes, eroded	19.3	5.5%
SeC2	Siwell silt loam, 5 to 8 percent slopes, eroded	47.7	13.6%
SuC	Siwell-Urban land complex, 2 to 8 percent slopes	52.5	15.0%
SuD	Siwell-Urban land complex, 8 to 15 percent slopes	108.1	30.9%
W	Water	0.0	0.0%
Totals for Area of Interest		**349.6**	**100.0%**


762500
762600
762700
762800
762900
763000
763100
32° 16' 9"
32° 15' 39"
32° 15' 38"
90° 12' 51"
90° 12' 22"
90° 12' 3"
Kingswood St
I-20 Frontage Rd
McDowell Rd
Kingswood Ave
Creswood Dr
Arbor Hill Dr
Ashwood St
La Salle St
Edgewood Blvd
Dunlap Ave
Clark Ave
Ferry Ave
Meadow Rd
SuD
Re
SuC
Map Scale: 1:4,480 if printed on A size (8.5" x 11") sheet.
N
Meters
0 40 80 160 240
Feet
0 150 300 600 900

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:4,480 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hinds County, Mississippi
Survey Area Data: Version 10, Jul 8, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Hinds County, Mississippi (MS049)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Re	Riedtown silt loam	11.5	14.9%
SuC	Siwell-Urban land complex, 2 to 8 percent slopes	8.0	10.5%
SuD	Siwell-Urban land complex, 8 to 15 percent slopes	57.4	74.6%
Totals for Area of Interest		**76.9**	**100.0%**

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

Appendix D — Rainfall Data

Wets Tables

Local Recorded Weather

WETS Station : OAKLEY EXP STATION, MS6476 Creation Date: 09/06/2002
Latitude: 3212 Longitude: 09031 Elevation: 00210
State FIPS/County(FIPS): 28049 County Name: Hinds
Start yr. - 1971 End yr. - 2000

	Temperature (Degrees F.)			Precipitation (Inches)				
					30% chance will have		avg # of days w/.1 or more	avg total snow fall
Month	avg daily max	avg daily min	avg	avg	less than	more than		
January	55.5	33.8	44.7	6.23	3.97	7.51	7	0.5
February	60.7	37.5	49.1	4.80	3.21	5.75	5	0.0
March	68.5	45.0	56.7	6.36	4.74	7.44	7	0.0
April	75.4	51.5	63.5	5.85	3.25	7.13	5	0.0
May	82.7	60.8	71.8	4.81	2.47	5.88	6	0.0
June	89.0	67.4	78.2	4.67	2.81	5.66	6	0.0
July	92.0	70.4	81.2	3.84	2.47	4.63	6	0.0
August	91.8	68.8	80.3	3.77	2.34	4.55	5	0.0
September	87.2	63.0	75.1	3.02	2.00	3.62	4	0.0
October	78.0	50.5	64.2	3.46	1.57	4.23	4	0.0
November	67.2	42.4	54.8	5.19	3.50	6.20	6	0.0
December	58.6	36.6	47.6	5.39	3.75	6.41	7	0.0
Annual	-----	-----	-----	------	51.90	61.05	--	----
Average	75.6	52.3	63.9	------	------	------	--	----
Total	-----	-----	-----	57.38	------	------	68	0.5

GROWING SEASON DATES

	Temperature		
Probability	24 F or higher	28 F or higher	32 F or higher
	Beginning and Ending Dates Growing Season Length		

50 percent *	2/15 to 12/ 2 292 days	3/ 4 to 11/18 258 days	3/22 to 11/ 6 229 days
70 percent *	2/ 8 to 12/ 9 304 days	2/27 to 11/23 270 days	3/16 to 11/12 241 days

* Percent chance of the growing season occurring between the Beginning and Ending dates.

total 1948-2002 prcp

Station : MS6476, OAKLEY EXP STATION
Unit = inches

yr	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec	annl
48							0.60	0.73	0.00	0.87	0.00	0.81	3.01
49	1.64	0.11	0.18	0.31	0.90	0.13	0.65	0.35	0.93	M0.75	0.21	1.10	7.26
50	0.33	1.06	0.22	0.00	0.00	0.09	0.61	0.04	0.65	0.00	0.15	0.00	3.15
51	1.79	0.15	0.17	0.88	0.78	0.00	1.68	5.56	0.35	0.84	0.92	0.52	13.64
52	0.46	0.09	M2.20	1.95	0.00	0.00	M1.09	1.29	2.34	0.00	2.35	0.59	12.36
53	0.26	0.52	0.67	0.00	0.13	0.00	1.58	0.80	0.00	0.00	0.00	0.13	4.09
54	1.57	M0.54	0.81	0.00	0.22	0.08	M0.84	1.91	0.63	0.12	0.00	1.21	7.93
55	2.72	0.15	0.00	0.02	0.04	0.29	3.72	2.99	0.01	0.05	0.09	0.03	10.11
56	0.64	0.65	0.00	0.13	0.00	0.00	0.84	1.30	0.00	0.25	0.00	2.44	6.25
57	1.90	0.34	0.83	0.14	0.23	0.07	1.19	0.62	0.00	2.21	0.00	0.04	7.57
58	4.64	3.38	5.49	6.51	4.88	8.92	3.74	5.54	5.44	3.20	3.50	1.40	56.64
59	3.99	4.27	4.24	3.97	3.14	3.62	6.37	2.83	2.52	4.55	1.94	5.48	46.92
60	5.71	4.52	5.58	1.61	3.84	3.78	2.20	10.80	2.76	3.89	1.41	3.43	49.53
61	4.58	6.48	11.88	1.76	2.30	9.08	6.24	4.69	3.19	0.87	9.17	10.70	70.94
62	8.77	2.71	2.86	8.11	3.47	4.38	0.06	2.56	0.61	2.18	3.69	3.40	42.80
63	5.11	2.93	2.38	2.28	1.43	2.86	7.58	2.54	0.09	0.22	3.57	4.50	35.49
64	M5.13	2.22	7.80	10.49	2.43	1.46	10.22	4.57	3.26	6.30	8.09	9.44	71.41
65	2.58	5.70	7.96	0.46	1.07	5.91	3.35	4.04	3.62	1.21	1.37	3.72	40.99
66	8.25	8.99	1.20	7.03	5.14	0.22	3.20	2.91	5.58	3.67	2.69	5.11	53.99
67	1.78	3.16	2.09	1.68	9.97	2.92	6.47	3.89	2.23	2.37	0.79	7.86	45.21
68	5.91	2.47	2.26	7.29	9.38	2.40	5.47	4.48	2.21	0.32	4.34	7.34	53.87
69	1.02	4.31	4.71	7.74	1.48	1.13	3.01	1.41	3.18	2.30	2.15	8.21	40.65
70	2.01	2.51	5.07	1.80	2.44	5.12	2.41	3.37	3.15	8.35	2.11	3.48	41.82
71	3.50	5.99	6.28	4.53	7.74	5.16	5.90	3.25	3.85	0.60	2.10	9.20	58.10
72	5.00	2.60	6.24	2.26	4.66	2.14	5.78	2.12	3.52	2.47	4.13	9.51	50.43
73	7.21	4.25	9.14	11.34	4.17	5.57	1.93	6.08	5.72	3.81	6.30	4.54	70.06
74	14.02	5.69	3.60	8.18	4.24	1.73	4.19	8.21	5.21	1.49	M3.52	7.97	68.05
75	3.68	7.99	5.70	3.81	8.49	5.51	2.73	2.82	2.12	6.49	3.95	4.06	57.35
76	4.08	2.44	15.52	1.39	6.12	4.46	2.89	1.49	0.70	1.26	2.70	3.56	46.61
77	M5.53	3.19	8.36		0.69	1.67	5.00	2.04	2.86	4.69	10.49	3.16	47.68
78	5.70	2.84	2.07	3.27	9.49	2.49	3.50	3.07	1.53	0.09	3.74	7.27	45.06
79	14.30	8.89	4.18	10.46	4.79	2.46	4.81	2.83	3.67	2.19	5.81	4.09	68.48

```
80 7.74  3.05 13.58 11.66  6.59  1.25  5.85  4.54  2.93  3.77  3.25  0.97 65.18
81 1.80  3.23  8.38  1.09  5.23 M3.79  4.46  3.41  2.13  5.24  1.27 M5.31 45.34
82 5.15  5.14  6.13  4.87  3.07  4.66  5.18  8.43  1.50  4.05  6.90 12.51 67.59
83 5.49  5.98  6.94 14.78 10.41  5.48  1.56  2.29  0.73  1.02  8.82  8.08 71.58
84 3.09  4.23  5.94  3.53  4.92  1.80  4.88  6.20  0.62 11.18  6.36  1.87 54.62
85 5.40  7.25  3.64  2.66  1.89  6.98  1.05  4.09  4.20  8.17  1.60  3.94 50.87
86 1.06  1.49  4.00  2.01  6.94  3.20  2.14  1.77  4.76  8.03  9.03  5.00 49.43
87 4.42 10.34  6.49  1.57  5.83 12.59  2.25  2.64  1.16  0.48  5.91  2.97 56.65
88 2.30  3.66  8.15  5.55  0.41  1.03  3.33  6.07  3.13  6.06  6.97  5.91 52.57
89 4.57  3.25  4.94  2.14  5.81 10.37 10.72  0.88  5.23  0.16  7.37  3.02 58.46
9013.47  9.91 M3.32  4.26  7.15  4.71  1.92  2.37  4.78  1.13  3.28 10.26 66.56
91 5.80  4.80  6.81 17.54  5.67  1.08  2.97  3.72  4.82  2.16  4.74  4.25 64.36
92 5.80  3.96  3.13  1.83  0.96  8.19  2.53  8.99  3.14 M2.22  6.40  4.65 51.80
93       4.02  4.22  4.69  3.26  3.44 M5.19  3.94  1.02  4.87  7.36  2.98 44.99
9410.07  8.06  5.96  3.43  3.59 11.73  7.85  1.82  2.09  5.18  2.36  3.47 65.61
95 2.59  2.73  7.78  9.12  8.12  1.91  2.62  2.12  3.49  4.35  6.20  6.15 57.18
96 8.50  1.82  6.77  6.78  2.46  6.88  2.45  5.18  3.09  2.00 M4.31  4.46 54.70
97 6.46 M8.28 M3.16 10.98  7.95  6.87 M0.52  6.62  2.84  4.45 M1.76  8.70 68.59
9812.34  6.01  7.06  3.98  0.10  4.10 M6.84  4.31  3.08  2.23  4.74 M5.47 60.26
99M9.30 M1.60  6.44  3.01  1.63  3.85 M2.48  1.05 M2.85 M2.33  2.32  3.52 40.38
 0M2.24 M1.28  6.74  8.81  2.00  5.03  1.72  0.66  3.77  1.75M10.30  4.80 49.10
 1 7.29  3.79 M8.74  1.32 M2.65  8.00 M8.97 M3.88 10.45  4.44  7.86 M4.50 71.89
 2
----------
```

[Explanation of the Preliminary Monthly Climate Data (F6) Product]

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

WFO Monthly/Daily Climate Data

```
000
CXUS54 KJAN 011200
CF6JAN
PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

                                        STATION:   JACKSON
                                        MONTH:     JULY
                                        YEAR:      2011
                                        LATITUDE:   32 19 N
                                        LONGITUDE:  90  5 W
```

TEMPERATURE IN F:							:PCPN:	SNOW:	WIND			:SUNSHINE:		SKY	:PK WND		
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
									12Z	AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	99	69	84	4	0	19	0.00	0.0	0	3.0	13	360	M	M	0		16	10
2	100	69	85	4	0	20	0.00	0.0	0	3.4	13	360	M	M	1		18	360
3	101	74	88	7	0	23	0.00	0.0	0	3.3	18	340	M	M	4	138	25	340
4	99	76	88	7	0	23	0.00	0.0	0	5.8	18	150	M	M	4	3	24	150
5	85	71	78	-3	0	13	T	0.0	0	4.6	13	360	M	M	3		17	270
6	95	69	82	1	0	17	T	0.0	0	2.3	10	10	M	M	3	1	17	190
7	97	70	84	3	0	19	0.00	0.0	0	3.2	13	300	M	M	2	1	17	340
8	99	77	88	7	0	23	0.00	0.0	0	3.8	14	270	M	M	2		18	260
9	100	79	90	9	0	25	0.00	0.0	0	3.3	15	280	M	M	2		24	270
10	102	75	89	8	0	24	0.27	0.0	0	4.4	30	260	M	M	2	138	44	280
11	100	75	88	7	0	23	0.02	0.0	0	4.6	31	130	M	M	2	3	41	130
12	100	75	88	7	0	23	T	0.0	0	3.0	23	150	M	M	2	3	26	150
13	99	75	87	6	0	22	0.05	0.0	0	4.2	20	90	M	M	3	13	28	90
14	96	75	86	5	0	21	0.00	0.0	0	4.1	15	120	M	M	3	13	18	110
15	94	74	84	3	0	19	T	0.0	0	2.5	13	150	M	M	4	3	17	250
16	94	74	84	3	0	19	0.00	0.0	0	4.7	15	70	M	M	5	1	22	10
17	91	74	83	2	0	18	T	0.0	0	4.9	16	70	M	M	5		21	80
18	89	75	82	1	0	17	0.01	0.0	0	6.6	17	130	M	M	8	18	23	90

19	96	71	84	2	0	19	0.00	0.0	0	2.2	13	150	M	M	2	1		17	150
20	97	73	85	3	0	20	0.00	0.0	0	3.2	15	10	M	M	3			M	M
21	87	76	82	0	0	17	T	0.0	0	3.2	13	40	M	M	5			23	150
22	94	74	84	2	0	19	0.60	0.0	0	4.3	M	M	M	M	5	138		M	M
23	91	74	83	1	0	18	1.73	0.0	0	3.8	16	320	M	M	6	123		21	340
24	93	74	84	2	0	19	0.36	0.0	0	3.0	23	320	M	M	5	13		32	330
25	89	73	81	-1	0	16	0.01	0.0	0	3.8	21	340	M	M	7	13		28	340
26	90	73	82	0	0	17	T	0.0	0	1.8	13	340	M	M	6	18		23	340
27	95	73	84	2	0	19	0.21	0.0	0	2.9	31	100	M	M	5	13		40	100
28	90	75	83	1	0	18	0.05	0.0	0	7.0	22	130	M	M	7	138		26	130
29	92	75	84	2	0	19	T	0.0	0	4.7	15	160	M	M	5	1		21	150
30	95	73	84	2	0	19	0.00	0.0	0	1.2	10	310	M	M	2			12	300
31	95	77	86	4	0	21	T	0.0	0	2.7	13	30	M	M	3	3		16	30
SM	2944	2287			0	609	3.31		0.0	115.5			M		116				
AV	95.0	73.8								3.7	FASTST		M	M	4		MAX(MPH)		
								MISC ---->		# 31	130						# 44	280	

NOTES:
LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: JACKSON
MONTH: JULY
YEAR: 2011
LATITUDE: 32 19 N
LONGITUDE: 90 5 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 84.4
DPTR FM NORMAL: 3.0
HIGHEST: 102 ON 10
LOWEST: 69 ON 6, 2

[PRECIPITATION DATA]

TOTAL FOR MONTH: 3.31
DPTR FM NORMAL: -1.38
GRTST 24HR 1.73 ON 23-23

SNOW, ICE PELLETS, HAIL
TOTAL MONTH: 0.0 INCH
GRTST 24HR 0.0
GRTST DEPTH: 0

SYMBOLS USED IN COLUMN 16

1 = FOG OR MIST
2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = FREEZING RAIN OR DRIZZLE
7 = DUSTSTORM OR SANDSTORM: VSBY 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

[NO. OF DAYS WITH]

MAX 32 OR BELOW: 0
MAX 90 OR ABOVE: 27
MIN 32 OR BELOW: 0

[WEATHER - DAYS WITH]

0.01 INCH OR MORE: 10
0.10 INCH OR MORE: 5
0.50 INCH OR MORE: 2

```
MIN  0 OR BELOW:   0    1.00 INCH OR MORE:   1

[HDD (BASE 65) ]
TOTAL THIS MO.     0    CLEAR  (SCALE 0-3)  15
DPTR FM NORMAL     0    PTCLDY (SCALE 4-7)  16
TOTAL FM JUL 1     0    CLOUDY (SCALE 8-10)  0
DPTR FM NORMAL     0

[CDD (BASE 65) ]
TOTAL THIS MO.   609
DPTR FM NORMAL    85    [PRESSURE DATA]
TOTAL FM JAN 1  1684    HIGHEST SLP 30.12 ON 31
DPTR FM NORMAL   391    LOWEST  SLP 29.75 ON  8

[REMARKS]
#FINAL-07-11#
```

History for Jackson Hawkins Field, MS

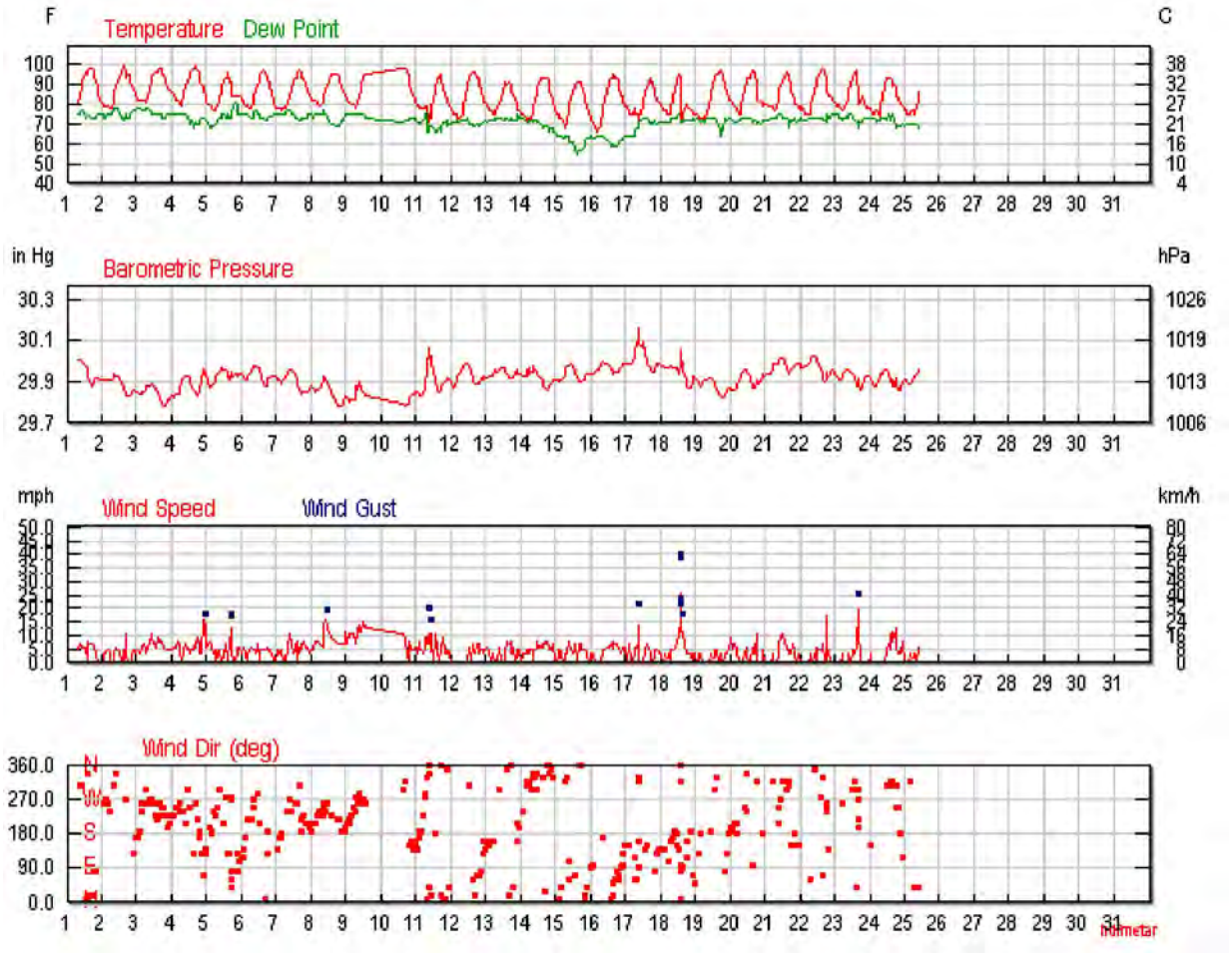
Month of August, 2011 — View Current Conditions

Month of August, 2011

« Previous Month | August 4 2011 View | Next Month »

Daily | Weekly | **Monthly** | Custom

	Max	Avg	Min	Sum
Temperature				
Max Temperature	**100** °F	**96** °F	**86** °F	
Mean Temperature	**90** °F	**85** °F	**78** °F	
Min Temperature	**81** °F	**75** °F	**66** °F	
Degree Days				
Heating Degree Days (base 65)	0	0	0	0
Cooling Degree Days (base 65)	25	20	14	507
Growing Degree Days (base 50)	40	35	28	880
Dew Point				
Dew Point	**81** °F	**72** °F	**56** °F	
Precipitation				
Precipitation	**0.12** in	**0.01** in	**0.00** in	**0.30** in
Snowdepth	-	-	-	-
Wind				
Wind	**25** mph	**4** mph	**0** mph	
Gust Wind	**40** mph	**21** mph	**16** mph	
Sea Level Pressure				
Sea Level Pressure	**30.16** in	**29.92** in	**29.78** in	



Certify This Report

Monthly Calendar Overview

Precipitation: To date: **0.30** Average to date **0.00** Average month total **0.00**

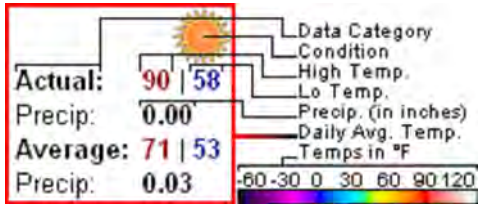
Print This Calendar

« Previous Month « 2010 **August 2011** 2012 » Next Month »

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 **Actual:** 99 | 81 Precip: 0.00 **Average:** - | - Precip: -	2 **Actual:** 99 | 78 Precip: 0.00 **Average:** - | - Precip: -	3 **Actual:** 100 | 81 Precip: 0.00 **Average:** - | - Precip: -	4 **Actual:** 99 | 79 Precip: 0.00 **Average:** - | - Precip: -	5 **Actual:** 97 | 77 Precip: 0.01 **Average:** - | - Precip: -	6 **Actual:** 98 | 78 Precip: 0.03 **Average:** - | - Precip: -
7 **Actual:** 97 | 77 Precip: 0.12 **Average:** - | - Precip: -	8 **Actual:** 97 | 79 Precip: 0.00 **Average:** - | - Precip: -	9 **Actual:** 95 | 78 Precip: 0.00 **Average:** - | - Precip: -	10 **Actual:** 99 | 81 Precip: 0.00 **Average:** - | - Precip: -	11 **Actual:** 95 | 71 Precip: 0.00 **Average:** - | - Precip: -	12 **Actual:** 98 | 73 Precip: 0.00 **Average:** - | - Precip: -	13 **Actual:** 93 | 75 Precip: 0.00 **Average:** - | - Precip: -
14 **Actual:** 95 | 71 Precip: 0.00 **Average:** - | - Precip: -	15 **Actual:** 93 | 68 Precip: 0.00 **Average:** - | - Precip: -	16 **Actual:** 96 | 66 Precip: 0.00 **Average:** - | - Precip: -	17 **Actual:** 93 | 71 Precip: 0.06 **Average:** - | - Precip: -	18 **Actual:** 96 | 73 Precip: 0.01 **Average:** - | - Precip: -	19 **Actual:** 98 | 73 Precip: 0.01 **Average:** - | - Precip: -	20 **Actual:** 98 | 75 Precip: 0.00 **Average:** - | - Precip: -
21 **Actual:** 97 | 77 Precip: 0.02 **Average:** - | - Precip: -	22 **Actual:** 98 | 75 Precip: 0.01 **Average:** - | - Precip: -	23 **Actual:** 99 | 77 Precip: 0.03 **Average:** - | - Precip: -	24 **Actual:** 95 | 73 Precip: 0.00 **Average:** - | - Precip: -	25 **Actual:** 86 | 75 Precip: 0.00 **Average:** - | - Precip: -	26 Forecast: 97 | 70 Partly Cloudy	27 Forecast: 92 | 67 Clear
28 Forecast: 92 | 65 Clear	29 Forecast: 92 | 67 Clear	30 Forecast: 92 | 70 Clear	31 Forecast: 92 | - Partly Cloudy			

Calendar Legend



Daily Observations

2011	Temp. (°F)			Dew Point (°F)			Humidity (%)			Sea Level Press. (in)			Visibility (mi)			Wind (mph)			Precip. (in)	Events
Aug	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	high	sum	
1	99	90	81	77	75	74	85	63	46	30.01	29.94	29.88	10	10	10	8	5	-	0.00	
2	99	88	78	78	75	72	93	71	42	29.94	29.89	29.83	10	10	7	10	2	-	0.00	
3	100	90	81	78	76	73	91	67	48	29.89	29.84	29.78	10	10	7	10	6	-	0.00	
4	99	89	79	76	73	68	90	61	37	29.96	29.88	29.82	10	10	9	16	6	28	0.00	
5	97	86	77	81	74	68	90	70	51	29.97	29.93	29.87	10	10	4	13	5	18	0.01	Rain , Thunderstorm
6	98	88	78	77	75	72	93	71	46	29.98	29.93	29.88	10	10	7	7	4	-	0.03	Thunderstorm
7	97	87	77	77	75	72	94	70	44	29.96	29.89	29.84	10	8	4	10	5	16	0.12	
8	97	87	79	77	74	69	88	69	43	29.93	29.86	29.78	10	10	10	16	8	22	0.00	
9	95	86	78	76	75	74	89	76	50	29.90	29.85	29.80	10	10	10	15	10	18	0.00	
10	99	90	81	73	72	71	74	58	42	29.85	29.82	29.78	10	10	10	10	7	-	0.00	
11	95	83	71	75	70	66	94	71	38	30.06	29.92	29.83	10	9	2	10	6	25	0.00	Rain
12	98	84	73	73	71	69	91	65	41	29.99	29.93	29.87	10	10	10	7	2	-	0.00	
13	93	83	75	75	73	71	94	75	52	29.97	29.94	29.92	10	10	9	8	4	-	0.00	Rain
14	95	82	71	73	70	66	100	73	43	29.98	29.93	29.86	10	8	2	8	4	16	0.00	
15	93	80	68	65	61	56	87	57	30	29.99	29.94	29.90	10	10	10	8	3	-	0.00	

Comma Delimited File

2011	Temp. (°F)			Dew Point (°F)			Humidity (%)			Sea Level Press. (in)			Visibility (mi)			Wind (mph)			Precip. (in)	Events
16	96	80	66	65	62	59	90	54	30	30.00	29.96	29.94	10	10	10	8	3	-	0.00	
17	93	82	71	73	70	64	100	72	48	30.16	30.03	29.95	10	8	1	14	4	22	0.06	Rain , Thunderstorm
18	96	84	73	75	72	71	94	81	52	30.05	29.96	29.87	10	8	0	25	5	40	0.01	Fog , Rain , Thunderstorm
19	98	85	73	74	72	65	94	69	35	29.92	29.88	29.82	10	9	4	7	2	-	0.01	
20	98	86	75	74	72	70	90	68	43	29.96	29.91	29.86	10	10	6	10	4	-	0.00	
21	97	86	77	76	73	68	88	70	41	30.02	29.98	29.94	10	10	6	10	2	-	0.02	
22	98	86	75	76	73	72	91	69	43	30.03	29.96	29.90	10	9	2	17	2	21	0.01	Rain
23	99	87	77	75	73	68	88	74	43	29.96	29.92	29.86	10	10	2	20	2	32	0.03	
24	95	83	73	75	72	68	94	70	49	29.96	29.91	29.86	10	9	2	13	3	23	0.00	
25	86	78	75	70	70	68	84	75	55	29.96	29.92	29.89	10	10	10	6	1	-	0.00	

Comma Delimited File

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

U.S. Fish and Wildlife Service

National Wetlands Inventory

I-55

Jul 29, 2011

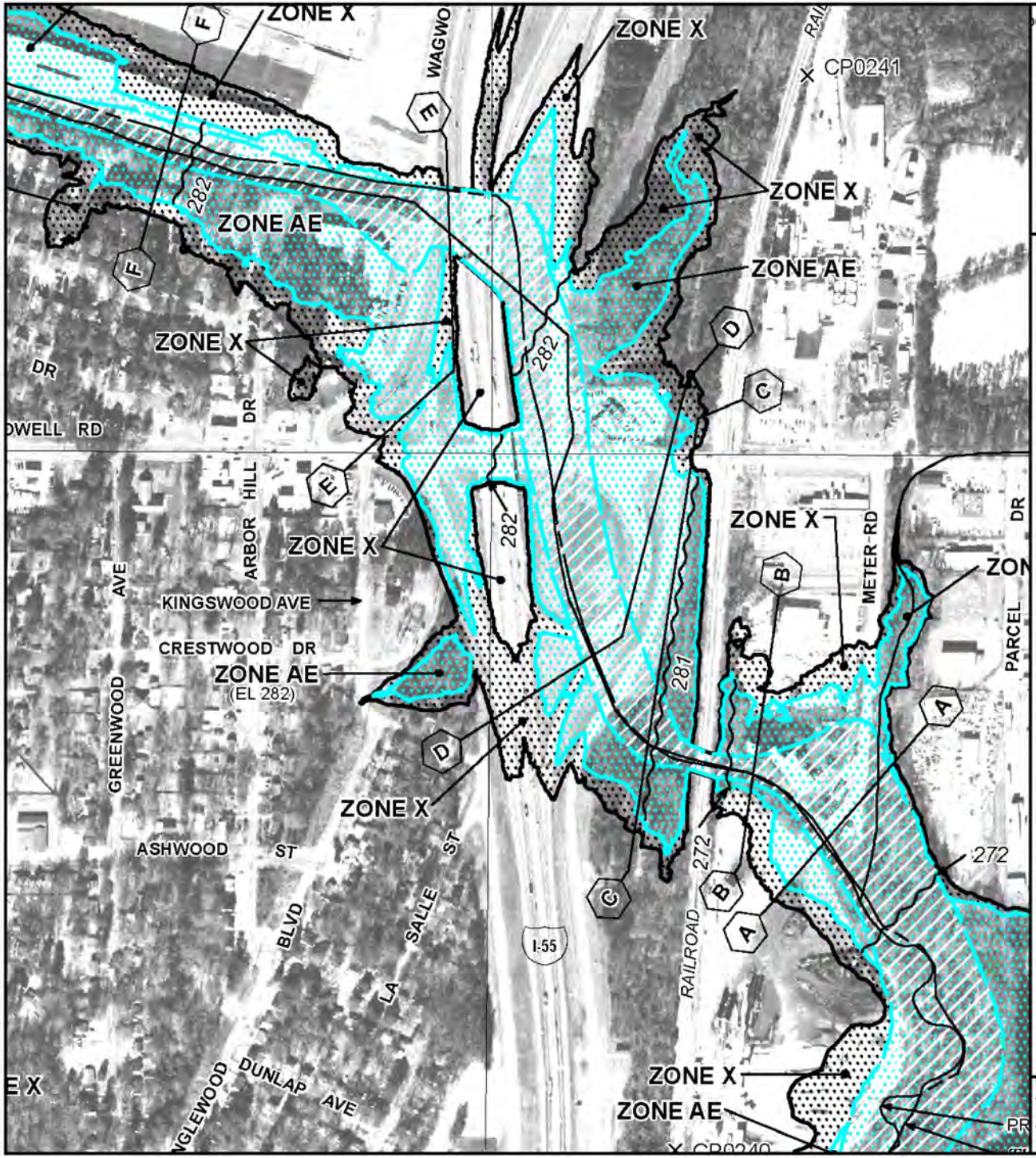
Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

Appendix E

Flood Insurance Rate Map (FIRM)



od Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 250 500 750 1,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0314H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 314 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

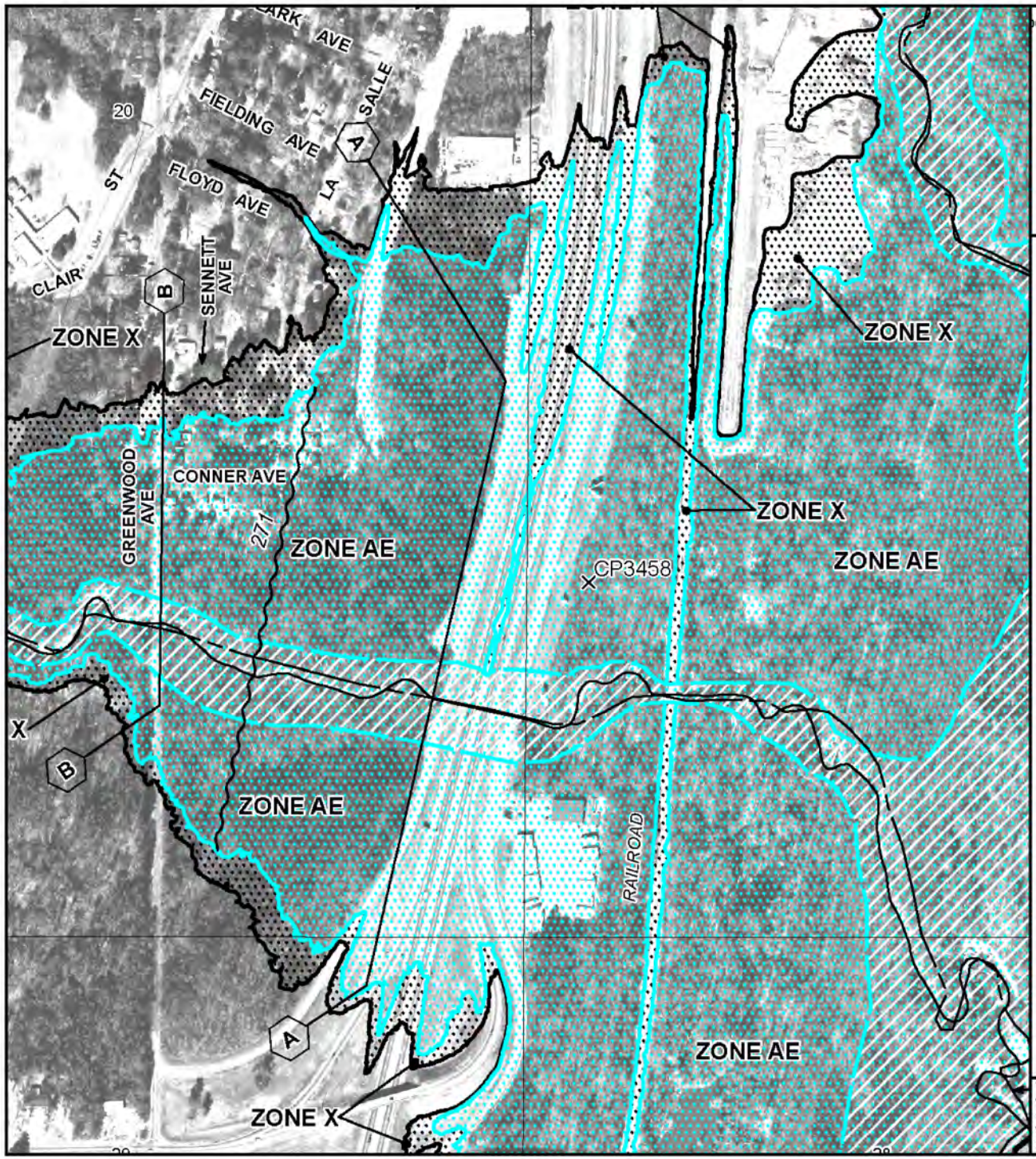
COMMUNITY	NUMBER	PANEL	SUFFIX
JACKSON, CITY OF	280072	0314	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0314H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 250 500 750 1,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0314H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 314 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

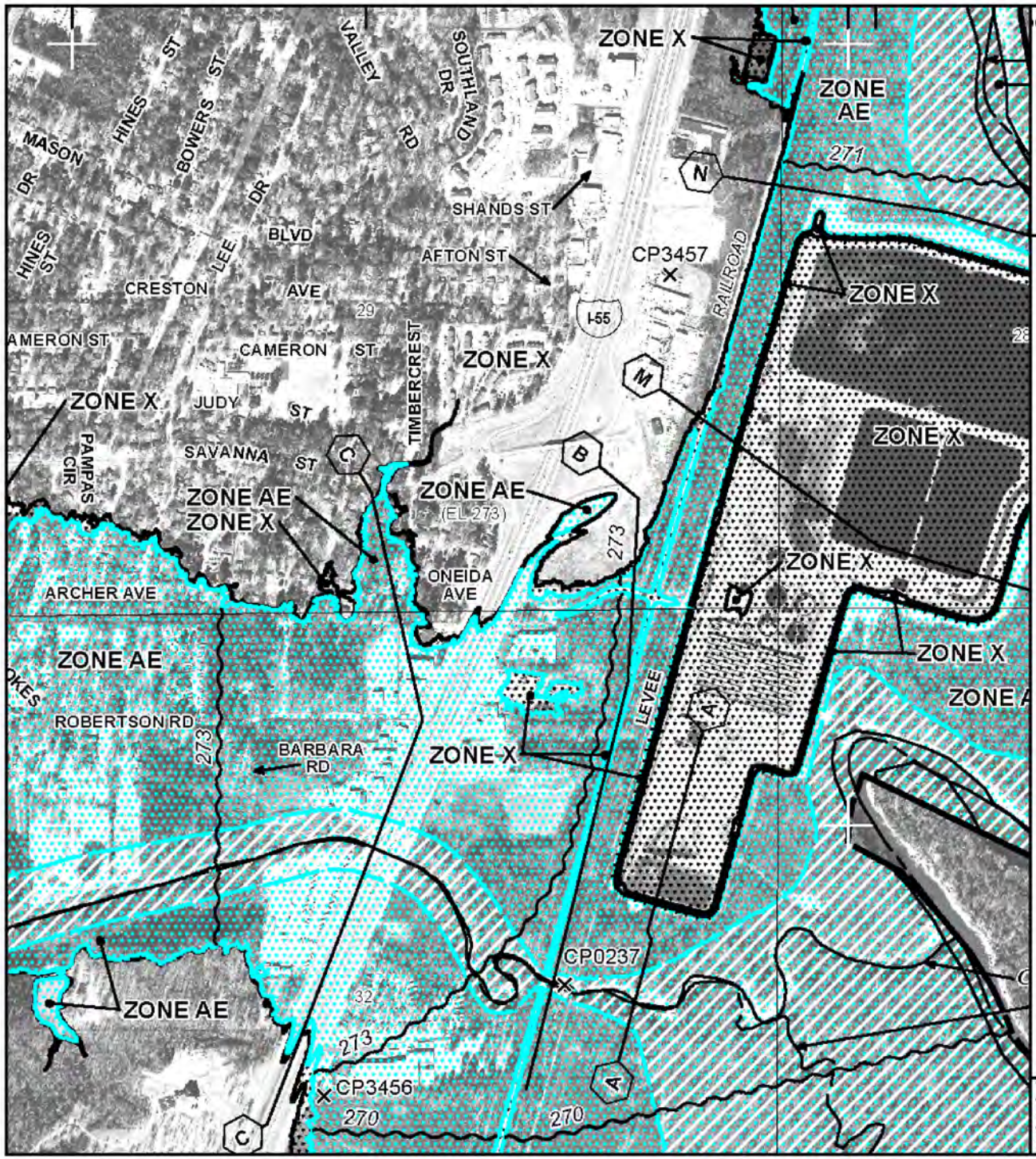
COMMUNITY	NUMBER	PANEL	SUFFIX
JACKSON, CITY OF	280072	0314	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0314H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0455H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 455 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

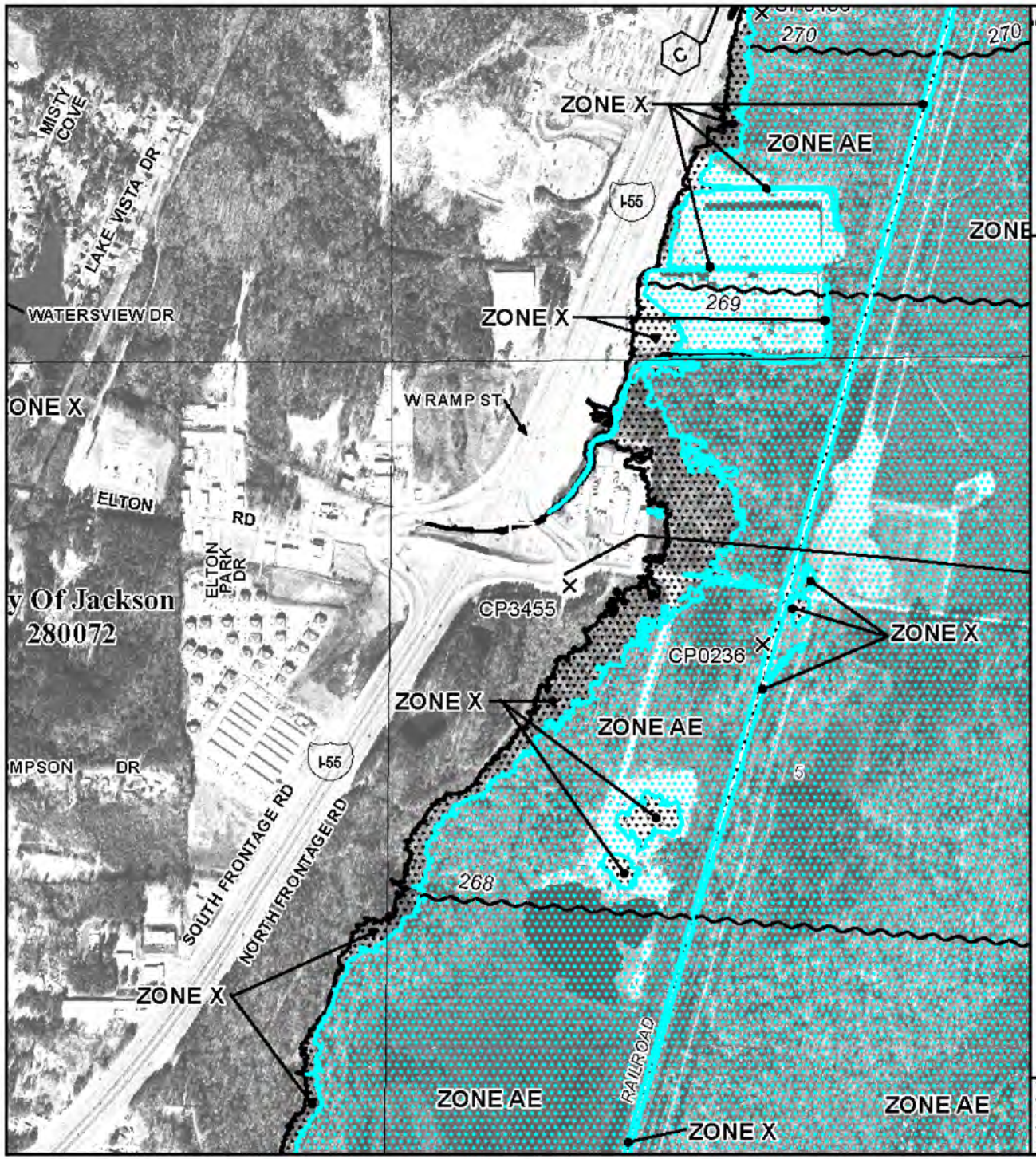
COMMUNITY	NUMBER	PANEL	SUFFIX
JACKSON, CITY OF	280072	0455	H
HINDS COUNTY	280070	0455	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0455H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0455H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 455 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

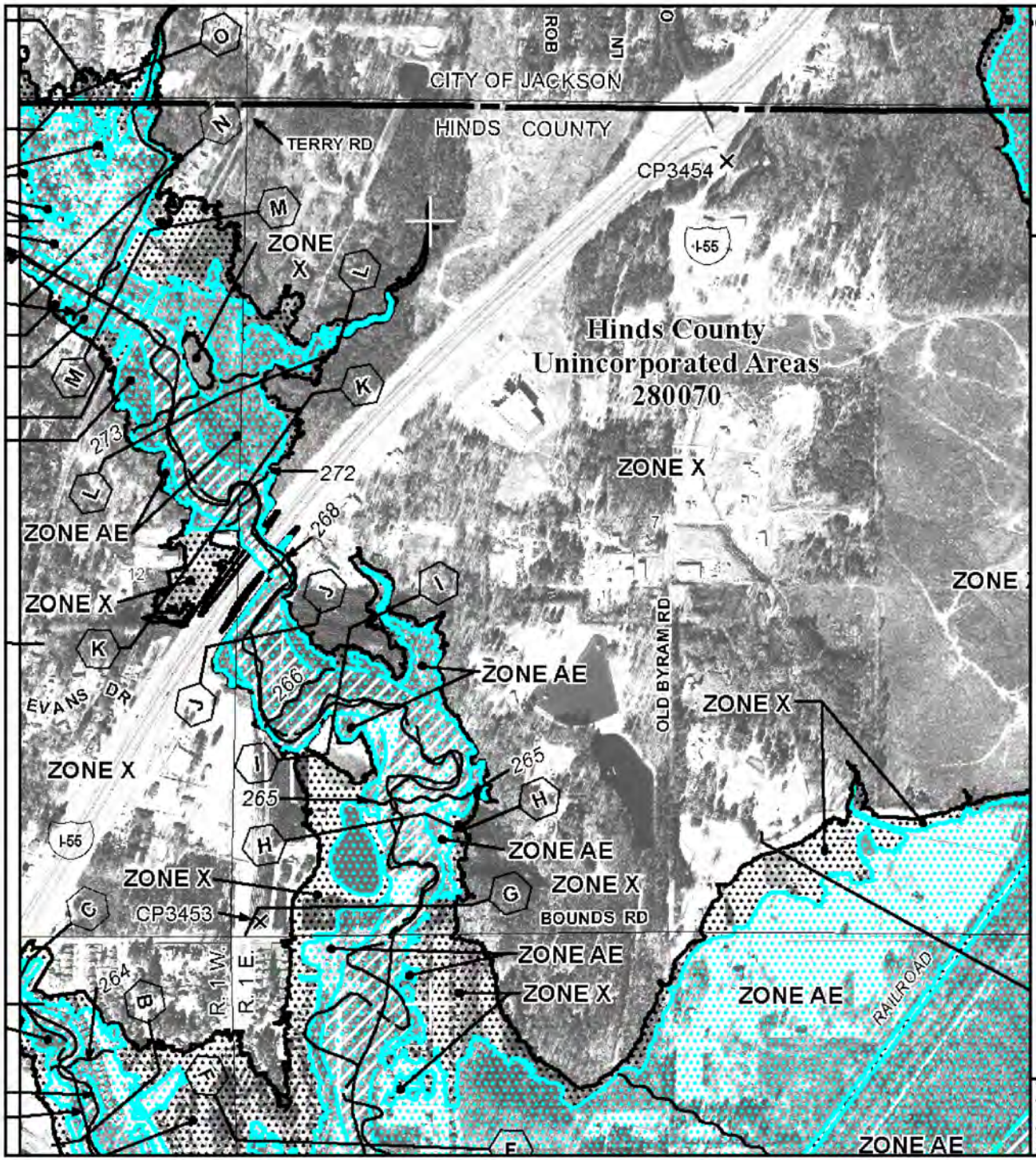
COMMUNITY	NUMBER	PANEL	SUFFIX
JACKSON, CITY OF	280072	0455	H
HINDS COUNTY	280070	0455	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0455H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0455H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 455 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

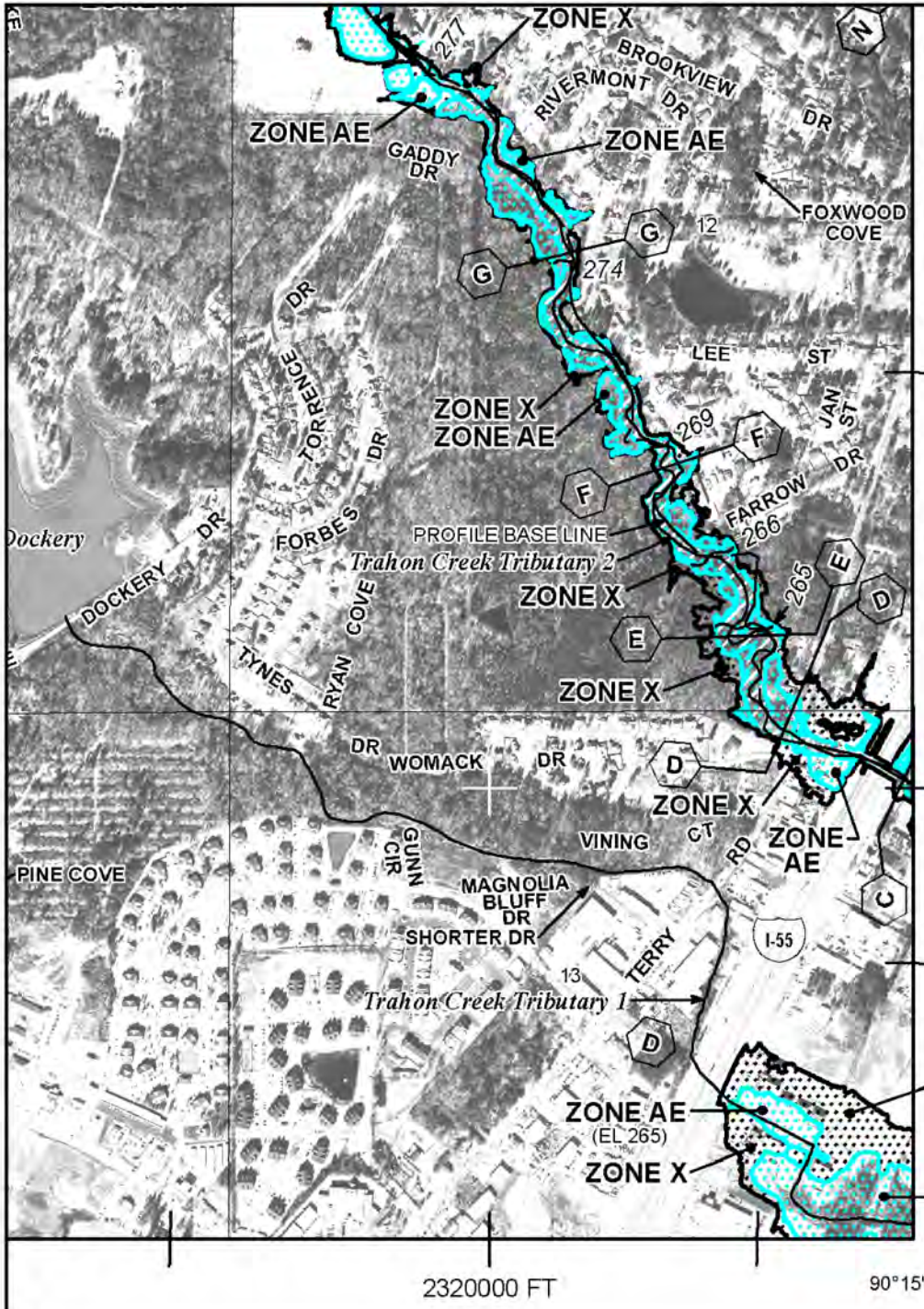
COMMUNITY	NUMBER	PANEL	SUFFIX
JACKSON, CITY OF	280072	0455	H
HINDS COUNTY	280070	0455	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0455H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0435H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 435 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

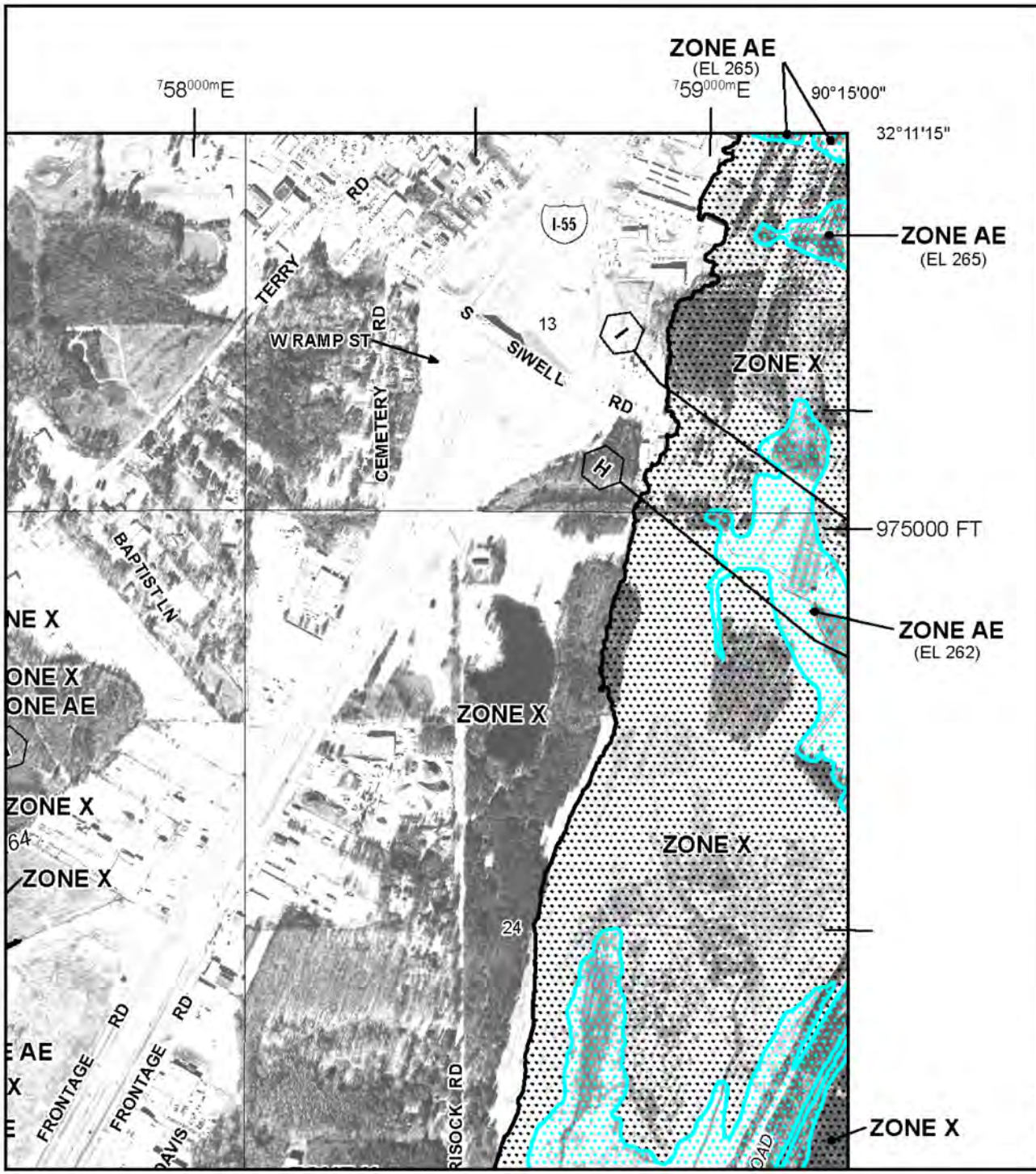
COMMUNITY	NUMBER	PANEL	SUFFIX
HINDS COUNTY	280070	0435	H
JACKSON, CITY OF	280072	0435	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0435H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0445H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 445 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

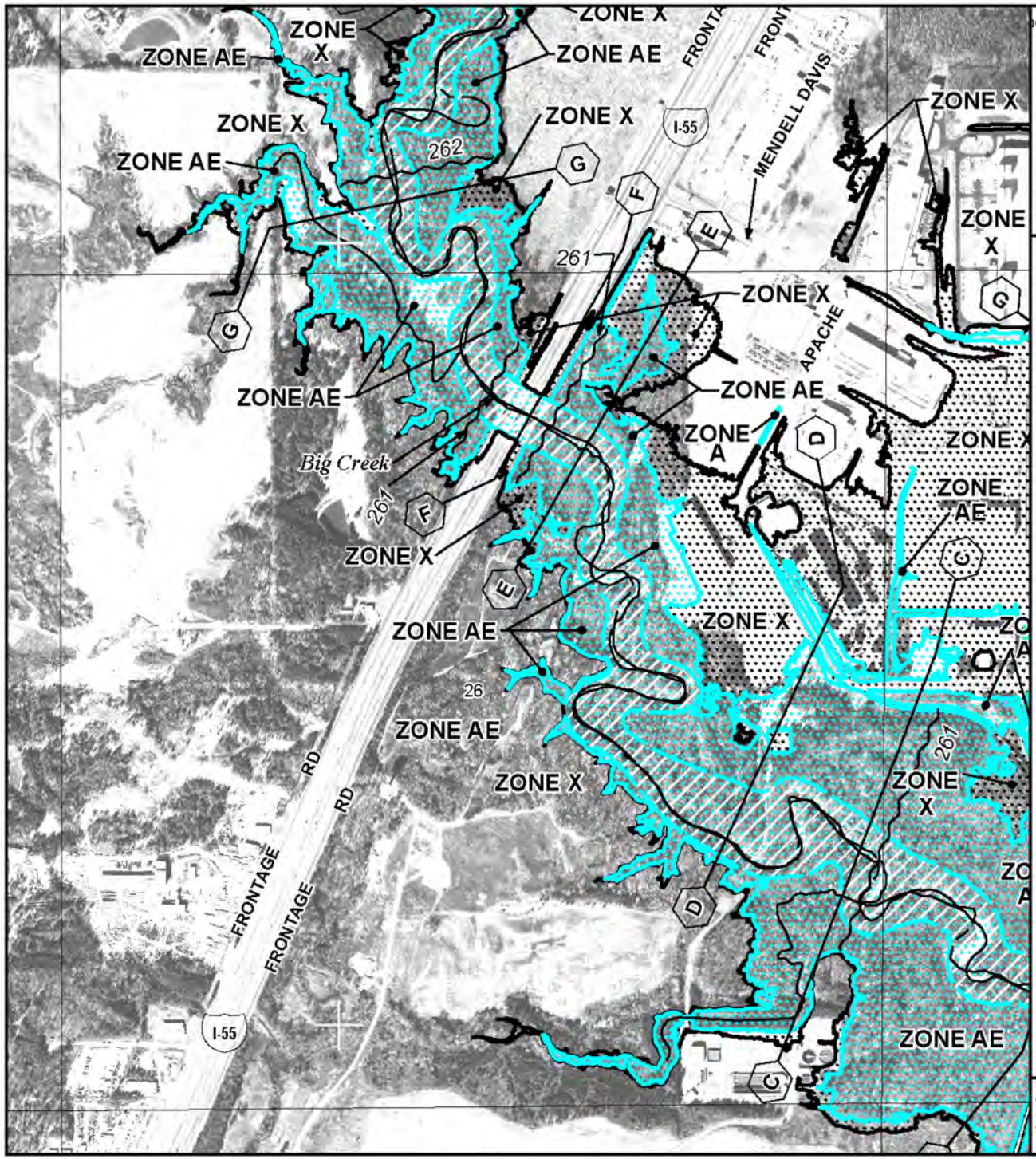
COMMUNITY	NUMBER	PANEL	SUFFIX
HINDS COUNTY	280070	0445	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0445H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0445H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 445 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HINDS COUNTY	280070	0445	H

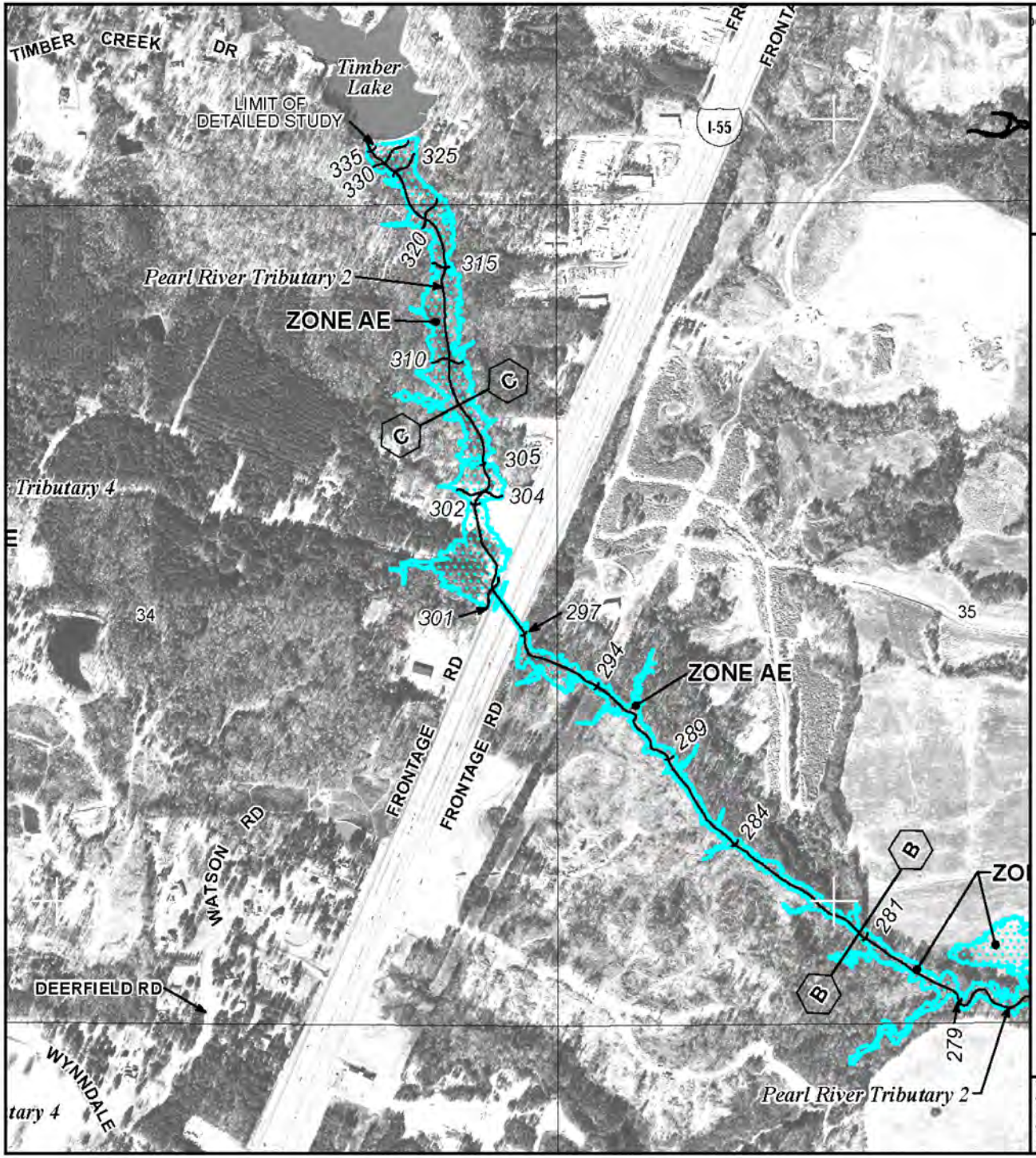
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0445H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



od Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0445H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 445 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

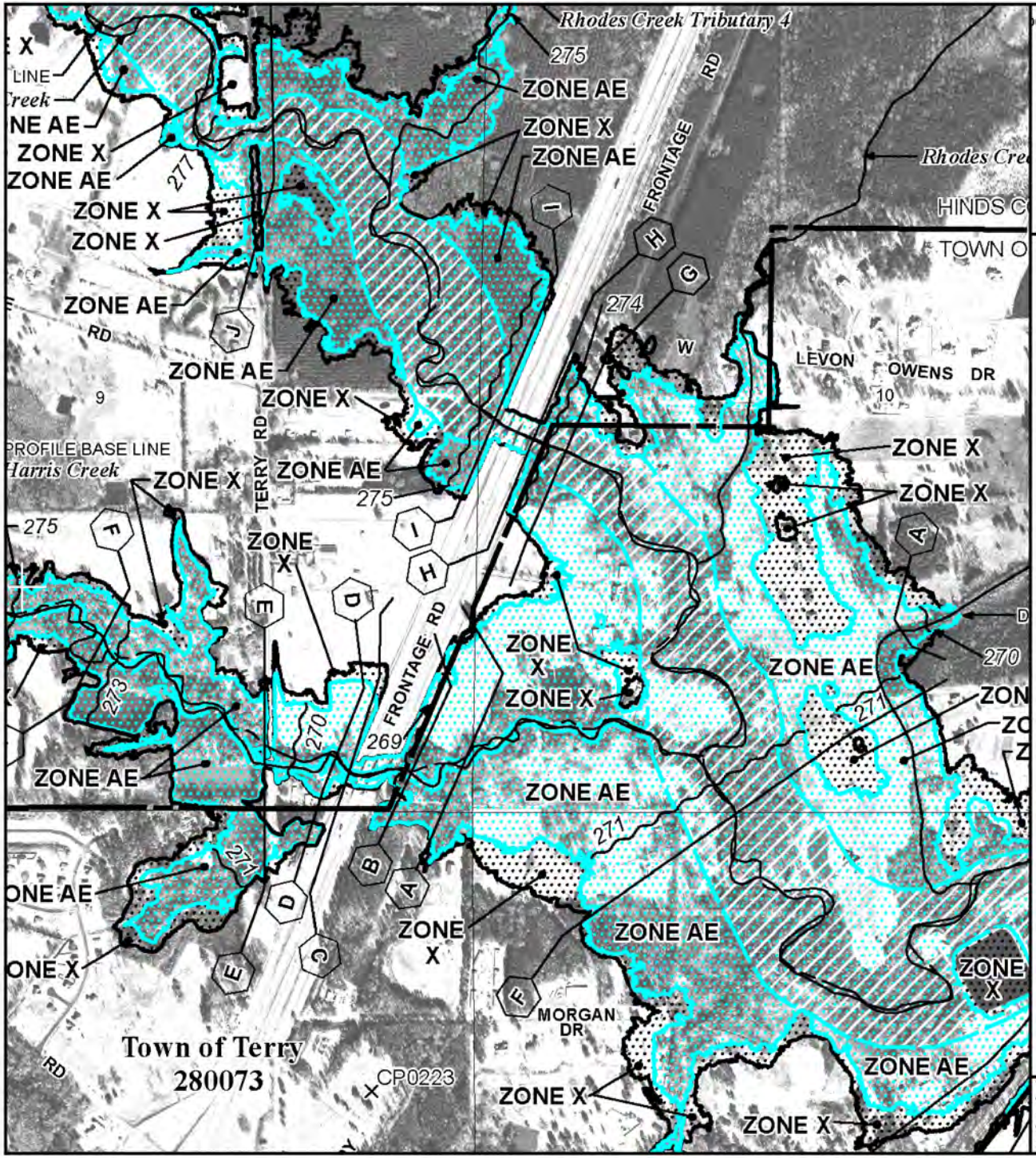
COMMUNITY	NUMBER	PANEL	SUFFIX
HINDS COUNTY	280070	0445	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0445H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0560H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 560 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

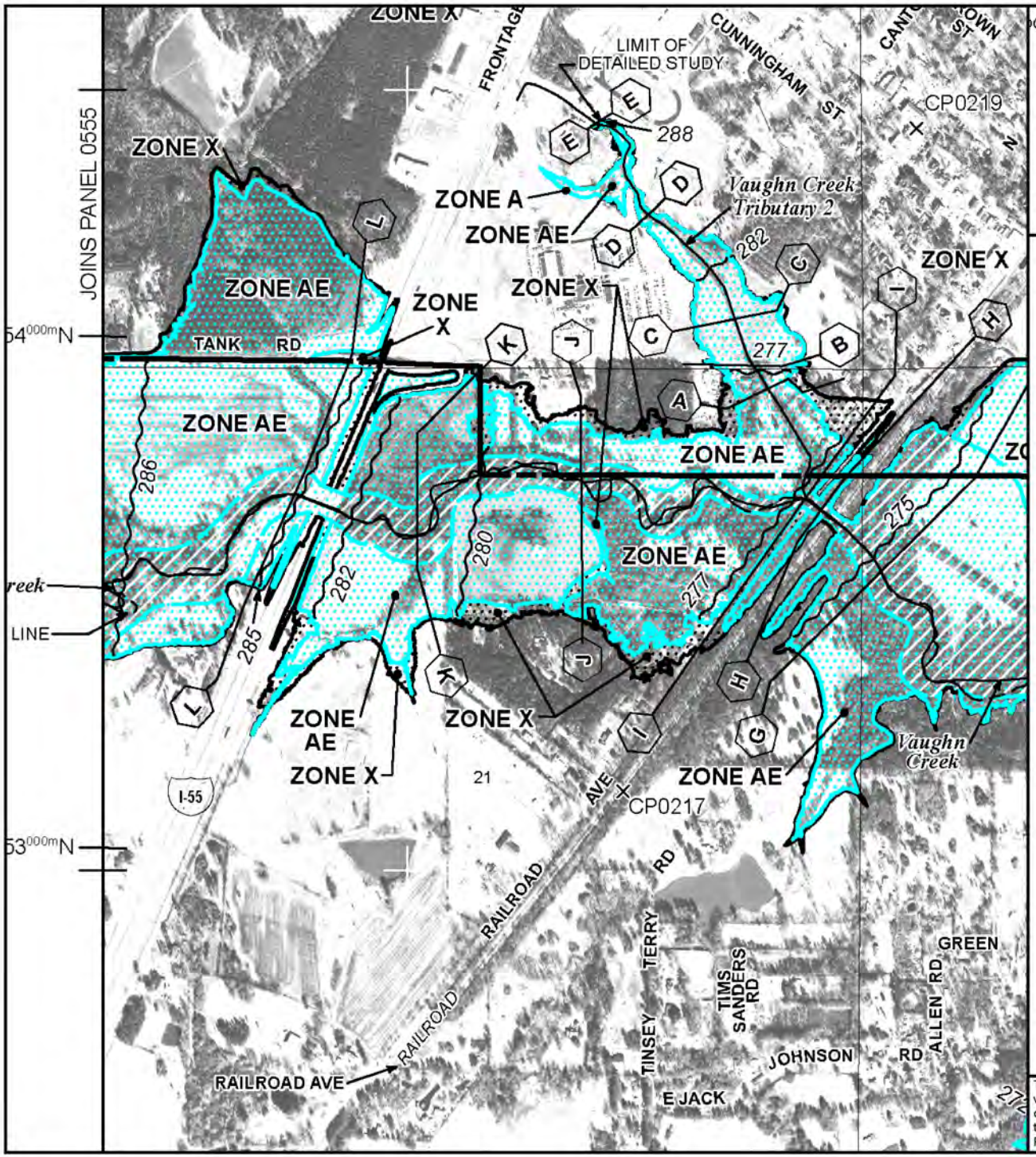
COMMUNITY	NUMBER	PANEL	SUFFIX
HINDS COUNTY	280070	0560	H
TERRY, TOWN OF	280073	0560	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0560H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency



d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

500 0 500 1,000 1,500 2,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0560H

FIRM

FLOOD INSURANCE RATE MAP

HINDS COUNTY, MISSISSIPPI

AND INCORPORATED AREAS

PANEL 560 OF 600

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HINDS COUNTY	280070	0560	H
TERRY, TOWN OF	280073	0560	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
28049C0560H

EFFECTIVE DATE
NOVEMBER 18, 2009

Federal Emergency Management Agency

LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

od Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1,000 0 1,000 2,000 3,000 4,000 FEET

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
0.2% annual chance floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
Limit of Moderate Wave Action Delineation
513 — Base Flood Elevation line and value; elevation in feet*
(EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*
* Referenced to the North American Vertical Datum of 1988
A — A — Cross section line
23 — 23 — Transect line
97°07'30", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
4275000mE — 1000-meter Universal Transverse Mercator grid ticks, zone 15
6000000 FT — 5000-foot grid values: Mississippi State Plane coordinate system, West Zone (FIPSZONE = 2302), Transverse Mercator projection
DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
NOVEMBER 18, 2009

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call

Appendix F

Cultural Resource Survey

Farmer, John

From: Johnson, Adam <ajohnson@mdot.state.ms.us>
Sent: Wednesday, January 18, 2012 8:19 AM
To: Farmer, John
Cc: Underwood, John; Thurman, Kim; Wallace, Chad
Subject: FW: I-55 Project

John,

For the time being, please use the following to document that MDAH will not require additional cultural resource survey work on the subject project. Thanks,

Adam Johnson
Location Engineer
Environmental Division
Mississippi Department of Transportation
Phone: (601) 359-7875
Cell: (769) 798-3677

From: Pam Lieb [mailto:plieb@mdah.state.ms.us]
Sent: Monday, December 05, 2011 3:04 PM
To: Underwood, John
Subject: Re: I-55 Project

Yes.

On 12/5/2011 2:56 PM, Underwood, John wrote:
Pam,

A few weeks ago I discussed a upcoming project involving some lane work towards the interior/median of I-55 from McDowell Road to the Copiah County Line. My recollection was that we agreed that no CRS would be required for this phase of the I-55 work. Is that what you remember as well?

Just wanted to confirm our discussion for documentation purposes.

Thanks,
John

John R. Underwood, M.A., RPA
MDOT Chief Archaeologist
Environmental Division
P.O. Box 1850, Mail Code 87-01/AR
Jackson, MS 39215
Office: 601-359-1476
Fax: 601-359-1910
Cell: 769-257-1569
junderwood@mdot.state.ms.us

If you have received this message in error, please notify the sender at the above e-mail address and delete it and
all copies from your system.

--
Pamela Edwards Lieb, M.A.
Chief Archaeologist
Curator of Archaeological Collections
Mississippi Department of Archives and History
P. O. Box 571
Jackson, MS 39205
Phone: (601)576-6945
Fax: (601) 576-6955
plieb@mdah.state.ms.us

PCI REPORT NO. 31247

PANAMERICAN CONSULTANTS, INC.

CULTURAL RESOURCES LITERATURE AND RECORDS SEARCH FOR THE 17.1-MIILE I-55 IMPROVEMENTS FROM EAST MCDOWELL ROAD SOUTH TO THE HINDS-COPIAH COUNTY LINE, HINDS AND COPIAH COUNTIES, MISSISSIPPI

PREPARED FOR:

FLORENCE & HUTCHESON, INC.
410 NEW SALEM HIGHWAY, SUITE 109
MURFREESBORO, TENNESSEE 37129

PREPARED BY:

PANAMERICAN CONSULTANTS, INC.
91 TILLMAN STREET
MEMPHIS, TENNESSEE 38111

AUGUST 2011
DRAFT REPORT OF FINDINGS

THIS REPORT CONTAINS SITE-SENSITIVE INFORMATION AND IS NOT INTENDED FOR PUBLIC DISTRIBUTION

DRAFT REPORT OF FINDINGS

CULTURAL RESOURCES LITERATURE AND RECORDS SEARCH FOR THE 17.1-MIILE I-55 IMPROVEMENTS FROM EAST MCDOWELL ROAD SOUTH TO THE HINDS-COPIAH COUNTY LINE, HINDS AND COPIAH COUNTIES, MISSISSIPPI

Prepared for:

Florence & Hutcheson, Inc.
410 New Salem Highway, Suite 109
Murfreesboro, Tennessee 37129

Prepared by:

Panamerican Consultants, Inc.
91 Tillman Street
Memphis, Tennessee 38111
PCI Project No. 31247

Authored by:

Angie Clifton, M.A.

C. Andrew Buchner

C. Andrew Buchner, RPA
Principal Investigator

AUGUST 2011

THIS REPORT CONTAINS SITE-SENSITIVE INFORMATION AND IS NOT INTENDED FOR PUBLIC DISTRIBUTION

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

INTRODUCTION

At the request of Florence & Hutcheson, Inc., Panamerican Consultants, Inc. (Panamerican) conducted a cultural resources literature and records search (i.e., a "desktop" study) for the 17.1-mi. I-55 Improvements between East McDowell Road and the Hinds-Copiah County line in Hinds County, Mississippi. The goal of a desktop study is to identify all known cultural resources within the proposed corridor that could impede its development; no fieldwork is involved. A desktop study includes conducting a standard cultural resources literature and records check and the preparation of a brief report of findings. The information provided in this report is intended to assist project managers in planning the proposed undertaking. In the event that a standard Phase I cultural resources survey becomes necessary, then the information from the desktop study can be re-cycled (assuming there is no lengthy time duration between the two studies).

PROJECT LOCATION

The I-55 Improvements from East McDowell Road south to the Hinds-Copiah County Line project is located from the southern end of the city of Jackson to the Hinds-Copiah County line. The study area can be identified on four USGS 7.5-minute quadrangle maps: Terry, MS (1971); New Byram, MS (1980); Florence, MS (1980); and Jackson, MS (1980). The study area is a 17.1-mi. long corridor along existing I-55. East McDowell Road marks the northern end of the corridor and the Hinds-Copiah county line marks the southern end of the corridor (Figure 1).

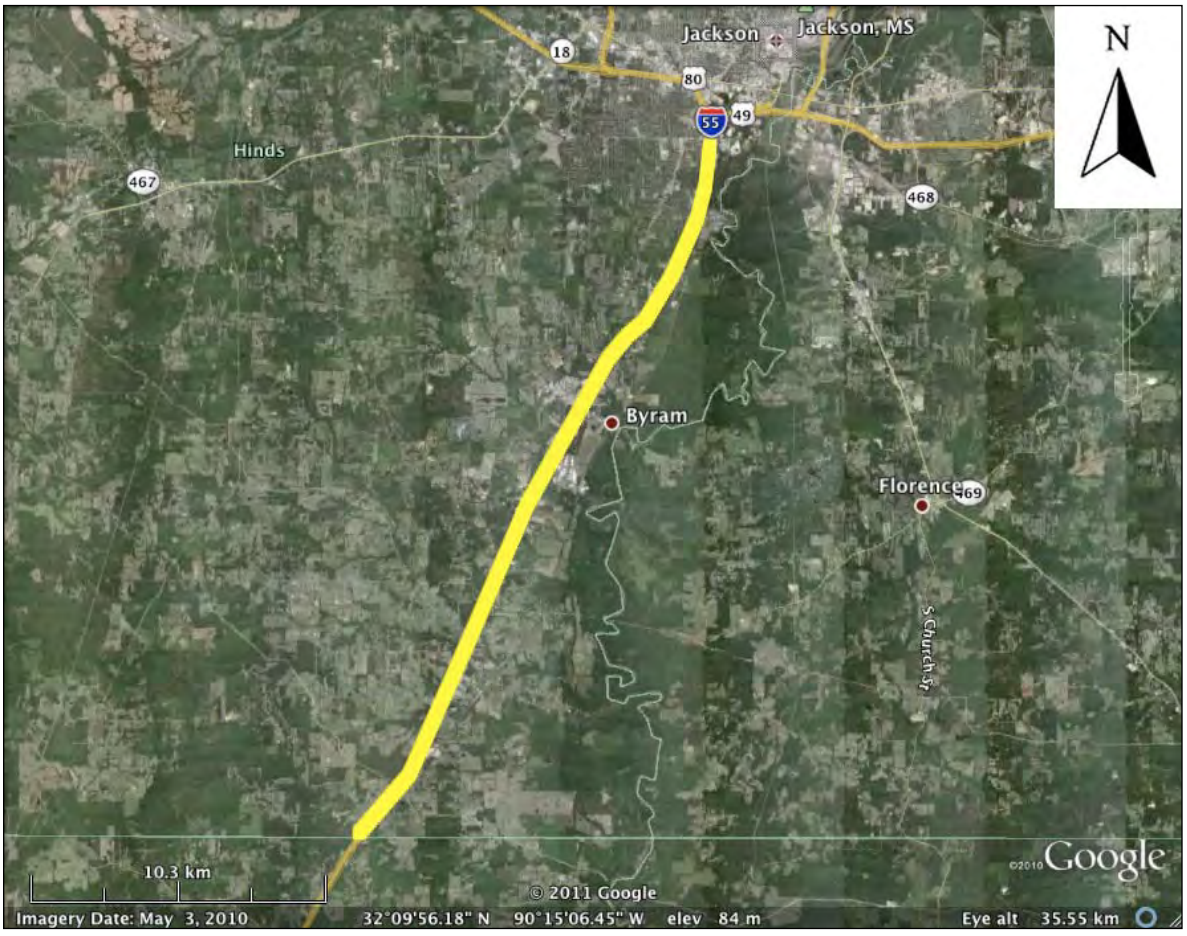


Figure 1. I-55 study corridor highlighted in yellow (map courtesy: Google Earth™).

MISSISSIPPI DEPARTMENT OF ARCHIVES AND HISTORY

A literature and records search was conducted at the Mississippi Department of Archives and History (MDAH) facility in Jackson August 10–11, 2011. A standard site files check was performed and prior archaeological work in the study tracts was researched. The search radius was a 3-km radius around the project corridor.

SITE FILES

Review of the MDAH site files reveals that there are no previously recorded archaeological sites within the study corridor. Within a 3-km radius, there are 53 previously recorded archaeological sites. None of the 53 previously recorded sites are listed on the National Register of Historic Places (NRHP), no sites are listed as potentially eligible for the NRHP, and only one site (Rhodes Creek Mound [22HI704]) has been determined eligible. Twenty-nine of these sites are located east of the study area near a bend in the Pearl River on the New Byram, MS (1980) USGS 7.5-min. quad map.

Within 1 mi. of the study corridor, there are 35 previously recorded archaeological sites (see Table 1). The site locations can be found on Figures 2, 3, 4, 5, 6, and 7. Site 22HI730 is closest to the study corridor; it is located ≈ 40 m east of the study area. Site 22HI518 is relatively close to the study area, being ≈ 100 m east of the study area. However, no previously recorded sites are located within the study corridor.

Table 1. Previously recorded archaeological sites within 3 km of the I-55 study corridor.

Site	Type	Component	Status
22HI518	village	Woodland	could not be relocated in 2000
22HI542	camp or village	Archaic/Woodland	no recommendation offered
22HI556	camp or village	Woodland	no recommendation offered
22HI557	lithic scatter	Undetermined prehistoric	no recommendation offered
22HI562	ceramic and lithic scatter	Woodland	no recommendation offered
22HI563	ceramic and lithic scatter	Woodland	no recommendation offered
22HI641	ceramic and lithic scatter	Undetermined prehistoric	not eligible
22HI682	lithic scatter	Undetermined prehistoric	unknown
22HI683	lithic scatter	Undetermined prehistoric	destroyed, landfill built in location
22HI684	lithic scatter	Undetermined prehistoric	unknown
22HI685	lithic scatter	Undetermined prehistoric	unknown
22HI686	lithic scatter	Undetermined prehistoric	unknown
22HI687	lithic scatter	Undetermined prehistoric	unknown
22HI688	lithic scatter	Undetermined prehistoric	unknown
22HI689	ceramic and lithic scatter	Early Archaic	unknown
22HI690	lithic scatter	Undetermined prehistoric	unknown
22HI691	lithic scatter	Undetermined prehistoric	unknown
22HI692	lithic scatter	Undetermined prehistoric	unknown
22HI693	lithic scatter	Undetermined prehistoric	unknown
22HI694	lithic scatter	Undetermined prehistoric	unknown
22HI695	lithic scatter	Undetermined prehistoric	unknown

Site	Type	Component	Status
22HI696	lithic scatter/historic scatter	Undetermined prehistoric/Undetermined Historic	unknown
22HI697	lithic scatter	Late Archaic	unknown
22HI704	Rhodes Creek Mound	Undetermined prehistoric	Eligible
22HI709	lithic scatter	Undetermined prehistoric	unknown
22HI716	lithic scatter	Undetermined prehistoric	unknown
22HI717	lithic scatter	Undetermined prehistoric	unknown
22HI719	lithic scatter	Undetermined prehistoric	unknown
22HI721	lithic scatter	Early Archaic/Late Archaic	unknown
22HI724	one Hardin Point	Early Archaic	destroyed, located at sewage disposal plant
22HI726	lithic scatter	Undetermined prehistoric	unknown
22HI727	lithic scatter	Undetermined prehistoric	unknown
22HI728	lithic scatter	Undetermined prehistoric	unknown
22HI729	lithic scatter	Undetermined prehistoric	unknown
22HI730	lithic scatter	Undetermined prehistoric	unknown

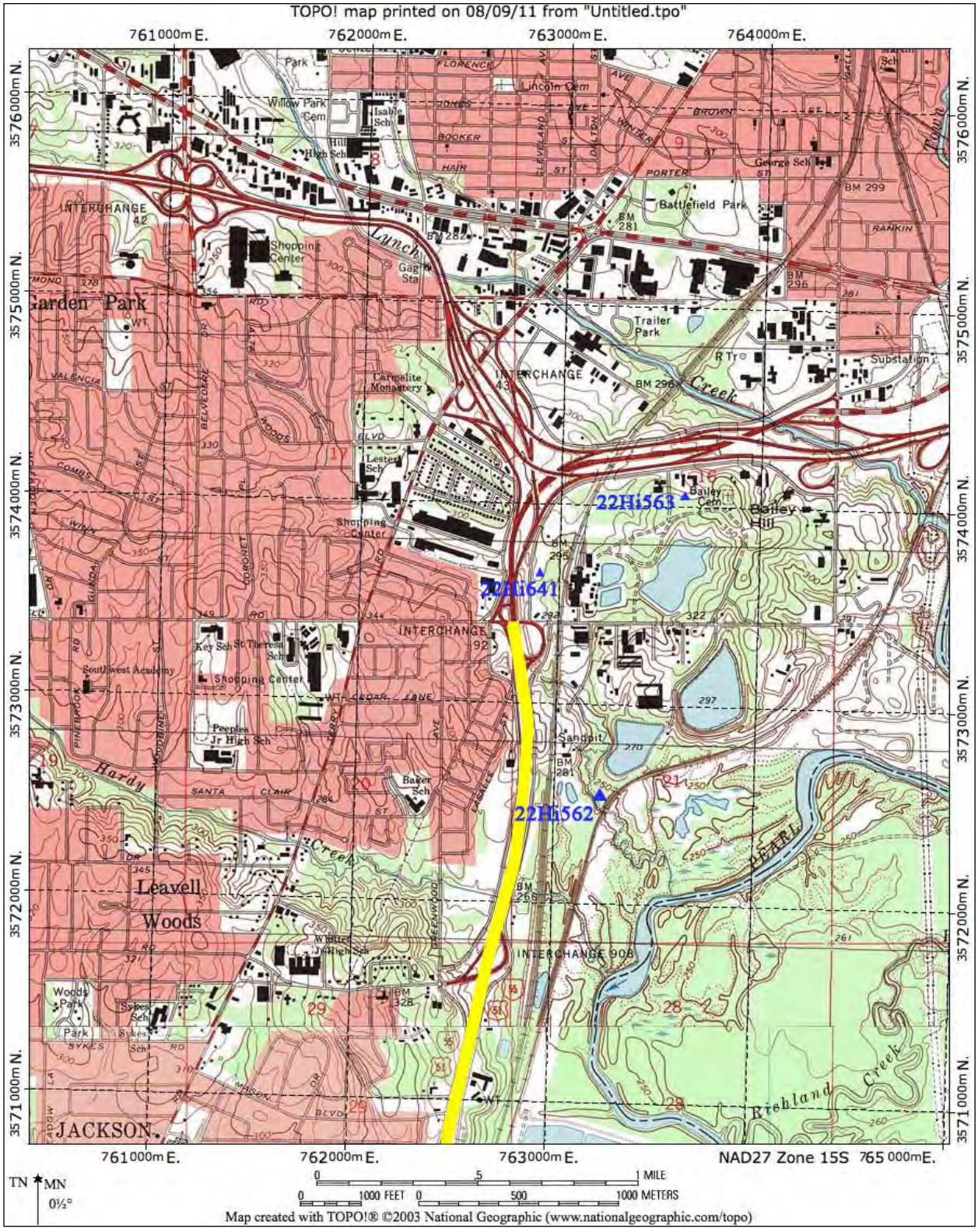


Figure 2. Quad map locator for the northern end of the I-55 study corridor highlighted in yellow (base map: 1980 Jackson, MS 7.5-min. quad map).

KEY: ▲ = archaeological site

Figure 3. Quad map locator for the northern end of the I-55 study corridor highlighted in yellow (base map: 1980 Florence, MS 7.5-min. quad map).

KEY: ▲ = archaeological site

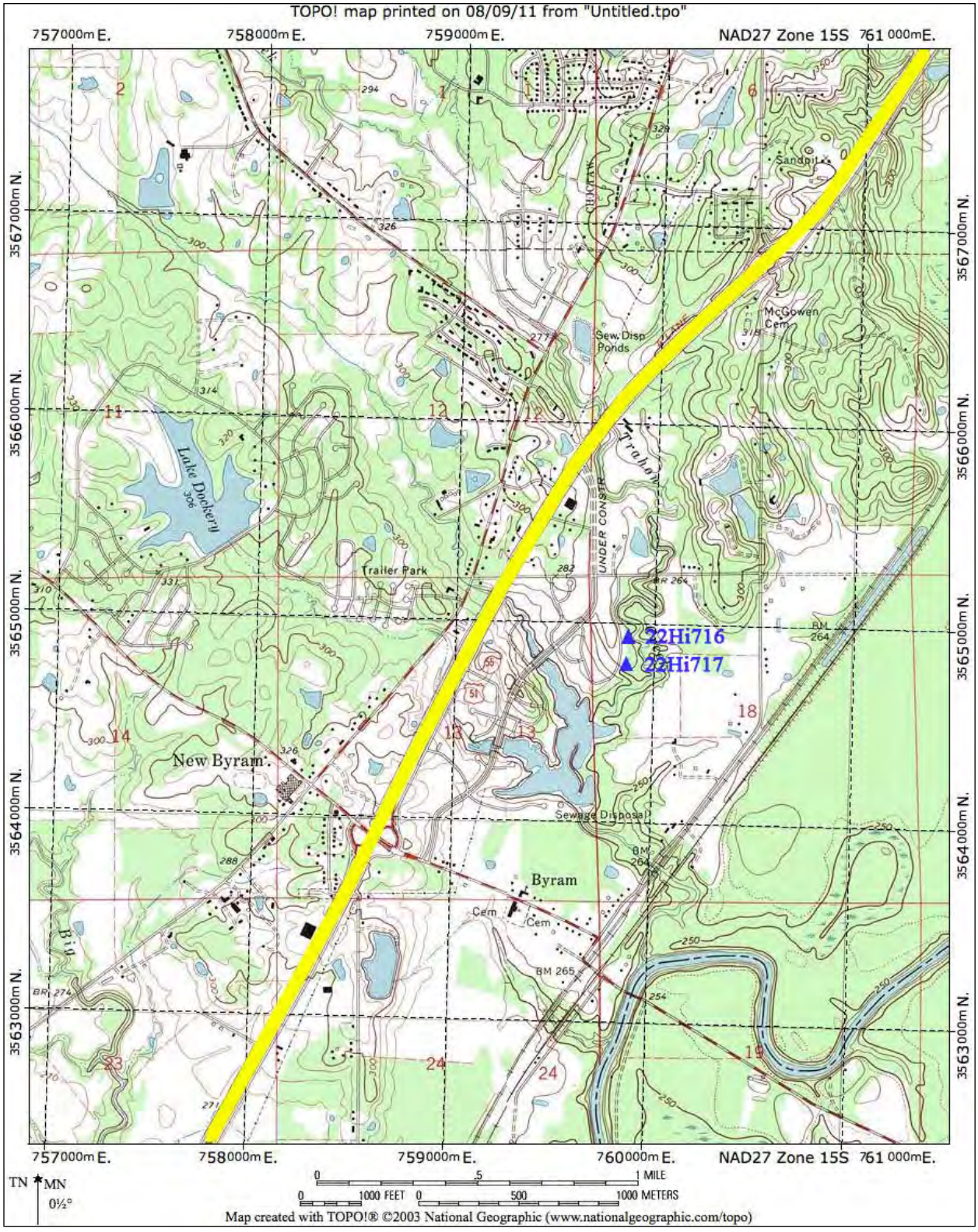


Figure 4. Quad map locator for the northern end of the I-55 study corridor highlighted in yellow (base maps: 1980 Florence, MS and 1980 New Byram, MS 7.5-min. quad maps).

KEY: ▲ = archaeological site

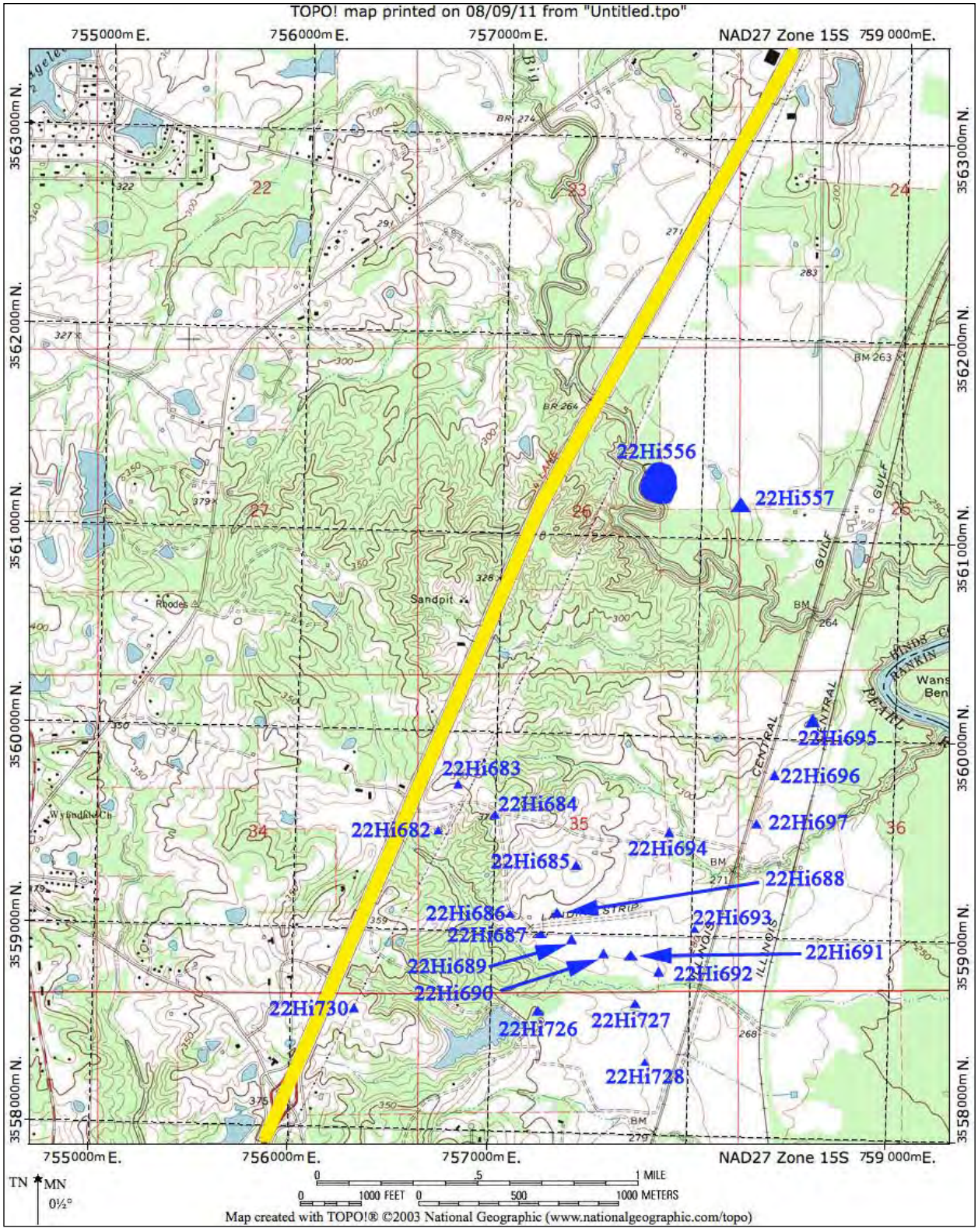


Figure 5. Quad map locator for the northern end of the I-55 study corridor highlighted in yellow (base map: 1980 New Byram, MS 7.5-min. quad map).

KEY: ▲ = archaeological site

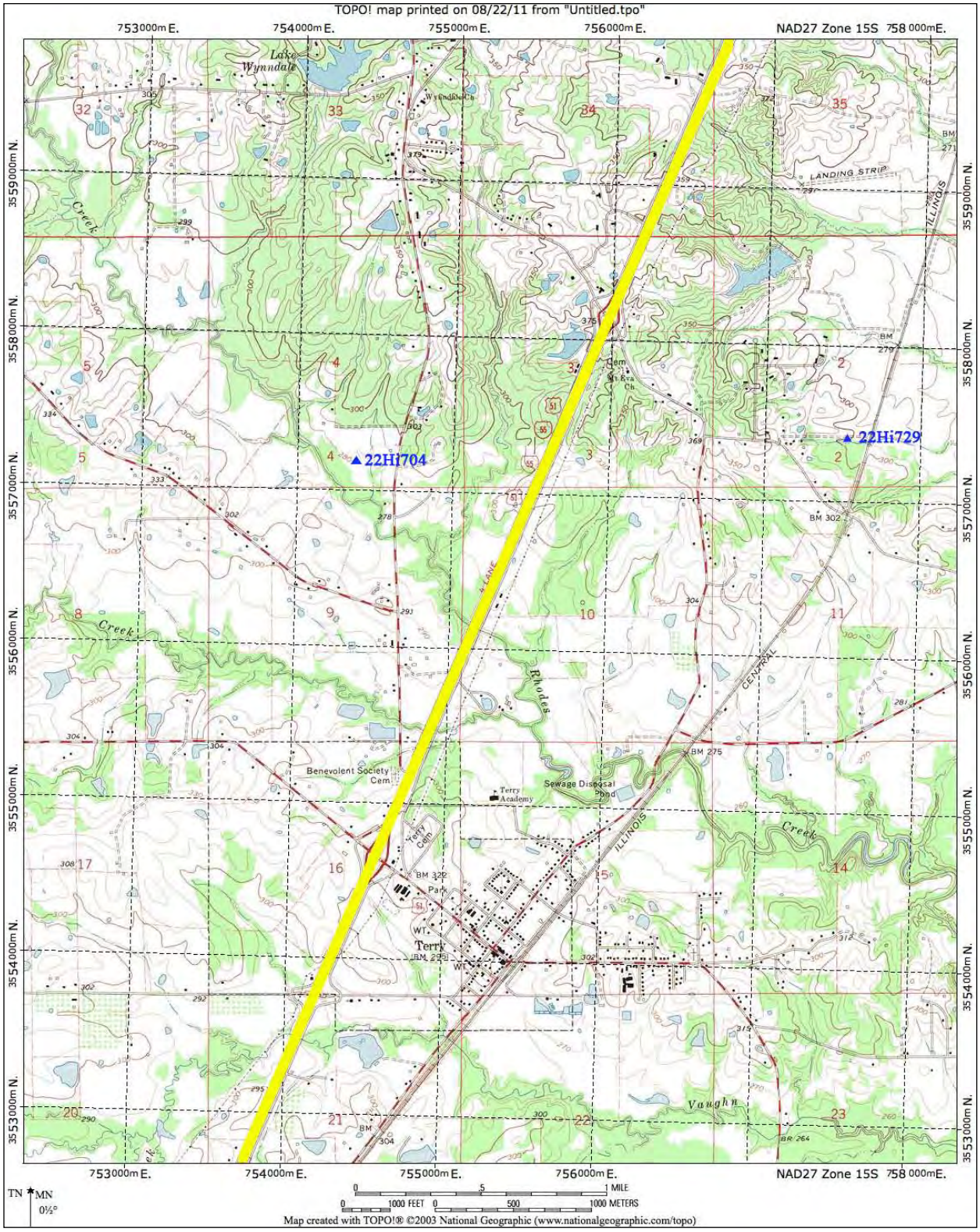


Figure 6. Quad map locator for the northern end of the I-55 study corridor highlighted in yellow (base maps: 1980 New Byram, MS and 1971 Terry, MS 7.5-min. quad maps).

KEY: ▲ = archaeological site

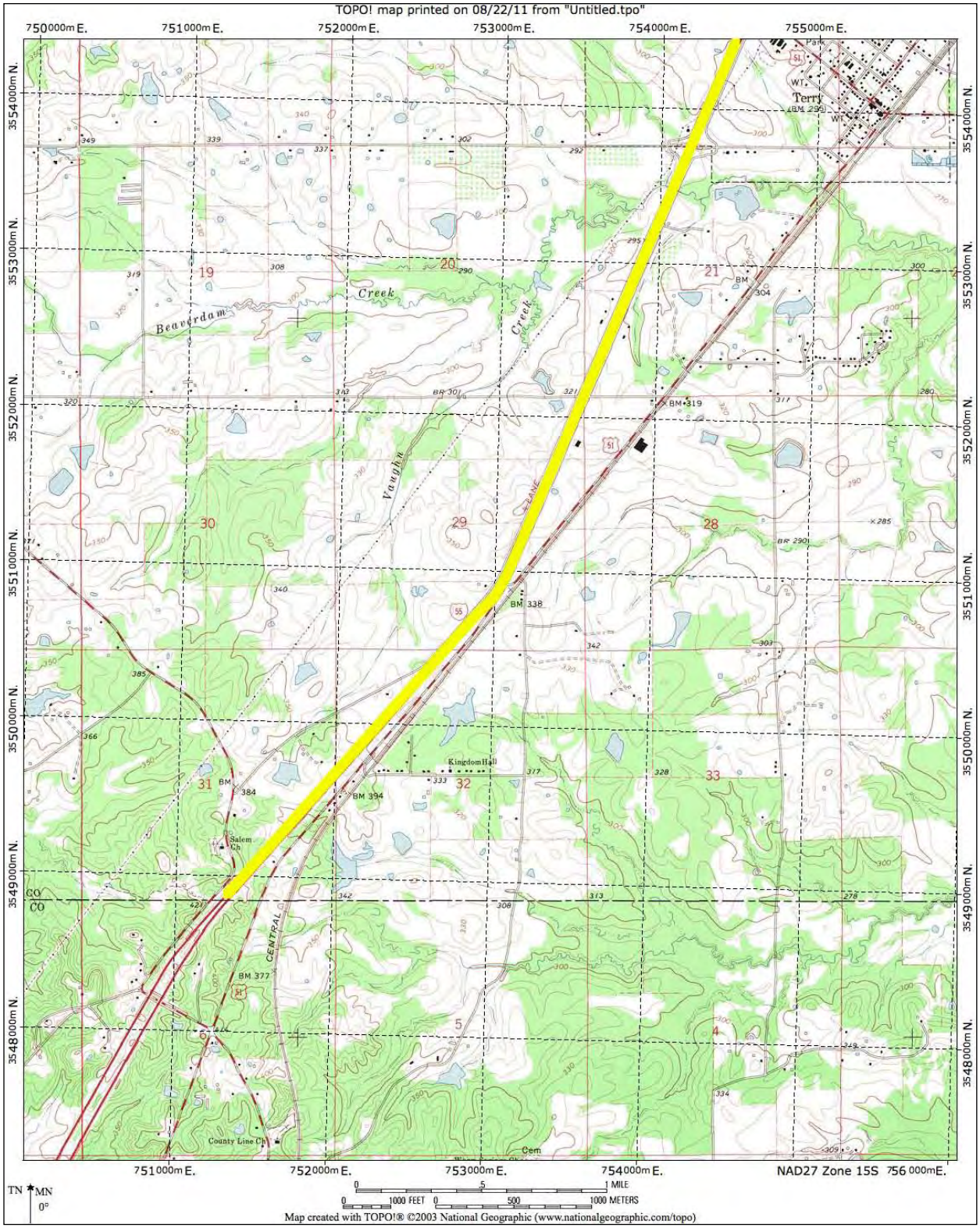


Figure 7. Quad map locator for the northern end of the I-55 study corridor highlighted in yellow (base map: 1971 Terry, MS 7.5-min. quad map).

KEY: ▲ = archaeological site

PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS

Since the construction of I-55 predates the National Historic Preservation Act of 1966, no holistic survey of the existing I-55 corridor has been conducted. However, three previous surveys were conducted at small sections along I-55 are discussed below, as well as all other past archaeological investigations within a 1-mi. radius of the study corridor.

During 1978, Robert D. Hyatt conducted a cultural resources survey for a 28.5-ac. area for the proposed Oak Creek Subdivision Part IV. Surface inspection in a cleared area and shovel testing elsewhere was conducted during the survey. No sites were found during the survey, and no previously recorded sites were found within the project area.

During 1979, Robert D. Hyatt conducted a 36.5-ac. cultural resources survey in two parcels located in the NW ¼ of Section 12 and the SW ¼ of Section 1 in Township 4 North, Range 1 West. A surface inspection was conducted for the entire survey. No previously recorded sites were documented in the project area and no newly recorded sites were found during the survey.

Another cultural resources survey was conducted by Robert D. Hyatt in 1979 for an 80-ac. area for the proposed Seven Springs Estates Development. No previously recorded sites were located in the project area, but the report did state that several prehistoric scatters were found that had no subsurface material. These scatters were considered ineligible for listing in the NRHP and site numbers were not assigned for these scatters.

The first of the three surveys within the current study area was a cultural resources survey conducted by Bruce J. Gray in 1983 for the proposed I-55/I-20 rehabilitation plan from Terry Road to Gallatin Street. Three previously recorded sites (22HI549, 22HI562, and 22HI563) were located within close proximity to the project area. Additionally, Bailey Hill Civil War Earthworks and Cemetery (NRHP listed 05-06-1975) is located near the project area. One site, 22HI641, was recorded during the survey, but was considered not eligible for listing in the NRHP. No recommendations regarding the sites were made, but recommendations were made for the Mississippi State Highway Department to monitor initial clearing of a heavily wooded section of the Right Of Way (ROW) south and southeast of 22HI641.

During 1984, James Lauro conducted a cultural resources survey for a proposed sewer line running along both sides of Trahon Creek southwest of Raymond Road running south to Terry Road that was 3,100 ft. long. A surface inspection was conducted for the project area, and no cultural material was found during the survey.

James Lauro conducted another cultural resources survey in 1984 for the Farmers Home Administration Project. This 4-ac. area was surface inspected, and no cultural material was found during the survey.

During 1986, Mark DeLeon conducted a cultural resources survey for Forest Woods subdivision located on Lake Dockery. A literature review, shovel testing, and surface inspection were conducted during the survey. No evidence of any cultural material was found during the survey.

Another of the three surveys within the current study area was a cultural resources survey conducted by Robert D. Hyatt in 1989 for the proposed reconstruction of the interchange at I-55 and Byram Road in the Byram vicinity. A literature review, shovel testing, and surface inspection were conducted during the survey. No evidence of any cultural material was found during the survey.

The last of the three surveys within the current study area was a cultural resources survey conducted by Bruce J. Gray in 1991 for the proposed bridge replacements on I-55 at Caney

Creek located in South Jackson. The closest site was 22HI518 (previously recorded), which lay ≈ 610 m (2,000 ft.) south of the project area. A visual inspection of the project area was conducted and no new sites were found. The bridges were inspected and considered ineligible for listing in the NRHP or the Historic Landmark Bridges Inventory.

In 1991, James Lauro conducted a cultural resources survey of a 13.4-ac. borrow pit located in Section 23, Township 4 North, Range 1 West. Shovel testing and surface inspection was conducted in the project area, and no evidence of cultural material was found.

During 1993, James Lauro conducted a cultural resources survey and testing for the U.S. Army Corps of Engineers (USACE) along both banks of the Pearl River in the Jackson Metropolitan Area. This area is referred to as the Pearl River Basin Development District. Forty-one newly recorded archaeological sites were found during the survey. Testing was conducted at the following previously recorded sites: City Mound (22HI672); Flowood Mounds (22RA502); the Hemphill Bluff Site (22RA609); Wansley Pasture Site (22RA611); and Richmond Lake Mound (22RA617). The only sites found to be eligible for listing on the NRHP were City Mound (22HI672), Flowood Mounds (22RA502), and Richmond Lake Mound (22RA617). Avoidance of these sites was recommended, since the presence of burials is likely. Twenty-one of the newly recorded sites (22HI682, 22HI683, 22HI684, 22HI685, 22HI686, 22HI687, 22HI688, 22HI689, 22HI690, 22HI691, 22HI692, 22HI693, 22HI694, 22HI695, 22HI696, 22HI697, 22HI726, 22HI727, 22HI728, 22HI729, 22HI730) were located within 1 mi. of the study area, but no eligibility determinations have been made for these sites.

In 2002, James Lauro conducted a cultural resources survey for a 60-ac. tract of land near Terry in Hinds County. No previously recorded sites were recorded in the project area. Three isolated finds were encountered during the survey, but no significant cultural resources were encountered during the survey.

In 2003, James Lauro conducted a cultural resources survey of two borrow areas in Hinds and Rankin counties. No previously recorded sites were located in the project area. Surface inspection and shovel testing was conducted during the survey, and no evidence of cultural material was found.

In 2006, Joel H. Watkins from the Office of Archaeological Research at the University of Alabama conducted a cultural resources survey of 41 locations along Gulf South Pipeline Company's proposed East Texas to Mississippi Expansion Pipeline. Only five previously recorded sites existed within close proximity to the locations. No cultural resources were found within any of the 41 locations.

During 2007, William F. Stanyard conducted a cultural resources survey for the proposed Midcontinent Express Pipeline, LLC project. This is a natural gas pipeline that runs ≈ 806 km (501 mi.) from Bryan County, Oklahoma to Choctaw County, Alabama. The Mississippi segment is ≈ 248 km (154 mi.) long and covers Warren, Hinds, Rankin, Simpson, Smith, Jasper, and Clarke counties. A total of 54 sites were encountered in Mississippi. Five previously recorded sites were within the corridor. Only ten of these sites were located in Hinds County, including Berry Mound (22HI526). Avoidance was recommended for Berry Mound, since it had been listed on the NRHP November 25, 1969. The only site within a 3-km radius of the current I-55 study corridor that was found during the pipeline survey was 22HI842, an undetermined prehistoric lithic scatter.

NATIONAL ARCHAEOLOGICAL DATABASE

The National Archeological Database (NADB) is a bibliographic inventory of over 350,000 reports on archeological investigation and planning, mostly of limited circulation (i.e., "gray

literature"; National Archeological Database 2004). NADB was last updated in August 2004. The Author searched NADB for Hinds County, Mississippi literature, and this query resulted in 40 "hits." Five of the hits are projects discussed in the *Previous Archaeological Investigations* section above. They include the Seven Springs Estates Survey by Robert D. Hyatt in 1979, the two reports by James Lauro in 1984, the Forest Woods Subdivision survey by Mark DeLeon in 1986, and a 1983 survey by Bruce J. Gray. The other 35 projects on the NADB list for Hinds County are not directly applicable to the I-55 study corridor. The other projects discussed in the *Previous Archaeological Investigations* section have not been entered into the NADB dataset.

PREVIOUSLY RECORDED HISTORICAL RESOURCES

Ms. Angie Clifton conducted a review of the records and files at the MDAH office in Jackson for this project on August 11, 2011. A standard property files check was performed. A count of the historic resources within a 3-km radius was taken for the study corridor. A total of 82 historic resources were recorded within the 3-km radius of the study corridor. Forty-three of these resources are within the city of Jackson, three historic resources are in the Byram vicinity, and 35 resources are within the vicinity of Terry.

Since the Mississippi Department of Transportation (MDOT) only requires a 1-mi. Area of Potential Effect (APE) for historic resources, detailed information on individual resources was taken only for resources within 1-mi. of the study area. No structures were within the study corridor. Within 1 mi. of the study corridor, there are 51 historic resources. Five of these historic resources have previously been listed on the NRHP (see Table 2).

Table 2. Previously Recorded Historic Resources within 1 mi. of the I-55 Study Corridor.

MDAH Inventory No.	Name	Address	NRHP Eligibility
049-JAC-4020	ca. 1948 Industrial Building	616 McDowell Rd.	Undetermined
049-JAC-4001-NR-ML	Bailey Hill Civil War Earthworks and Cemetery	Bounded by McDowell Rd., Gallatin St., I-55, and I-20	Listed
049-JAC-4042	d. 1941 General Electric Lamp & Gas Works	Off Highway 80	Potentially Eligible
049-JAC-4024	d. 1956 Baker Elementary Building	300 Santa Clair St.	Potentially Eligible
049-JAC-4022	d. 1960 Alfred T. Whitten Middle School Building	210 Daniel Lake Blvd.	Undetermined
049-JAC-4028	d. 1959 Robert E. Lee Elementary School III Building	330 Judy Street	Undetermined
049-JAC-4025	d. 1951 Laura R. Lester Elementary School Building	2350 Oakhurst Dr.	Undetermined
049-JAC-4010	ca. 1940 Henry C. Ashcraft House (Tudor Revival)	103 Alta Woods Blvd.	Undetermined
049-JAC-4006	ca. 1840 Mayrant-Lester Home	2155 Terry Rd.	Not Eligible
049-JAC-4011	ca. 1950 House at 160 Alta Woods Blvd. (Colonial Revival)	160 Alta Woods Blvd.	Undetermined
049-JAC-4012	d. 1938 Sherwood W. Wise, Jr. House (Colonial Revival)	172 Alta Woods Blvd.	Undetermined
049-JAC-4013	d. 1934 Joseph S. Wise House [Sherwood Wise House] (Colonial Revival)	224 Alta Woods Blvd.	Undetermined
049-BYR-2501	Byram Consolidated School Building	No address provided	Undetermined

MDAH Inventory No.	Name	Address	NRHP Eligibility
049-BYR-2503-NR	ca. 1905 Byram Swinging Bridge over Pearl River	Florence-Byram Rd.	Listed
049-BYR-2505	ca. 1840 Lewis Plantation House [also Weatherbee Plantation] (Greek Revival)	8892 Gary Rd.	Undetermined
049-BYR-2506-AC	ca. 1835 Stovall Cemetery	Wyndale Road	Undetermined
N/A	Illinois Central Railroad Overpass	N/A	Undetermined
N/A	Terry Water Tower	Utica and Carpenter Sts.	Undetermined
049-TER-0001	Head House	Claiborne St.	Undetermined
049-TER-0002-NR	Wolfe House	401 Claiborne St.	Listed
049-TER-0003	House on Cunningham Ave.	Cunningham Ave.	Undetermined
049-TER-0005	Terry Mercantile Company Building	Cunningham Ave.	Undetermined
049-TER-0006	Birdsong Building	N/A	Undetermined
049-TER-0007	Terry City Hall Building	129 Railroad Ave.	Undetermined
049-TER-0008	House on Railroad Ave.	Railroad Ave.	Undetermined
049-TER-0009-NR	Dudley Jones House [also Greenway House]	115 Railroad Ave.	Listed
049-TER-0010	Cottage with Portico on Raymond St.	Raymond St.	Undetermined
049-TER-0011	House	N/A	Undetermined
049-TER-0012	Causey House	Utica St.	Undetermined
049-TER-0013	Episcopal Church of the Good Shepherd	109 Claiborne St.	Undetermined
049-TER-0014	Cottage	N/A	Undetermined
049-TER-0015	Berea Baptist Church	Brown and Utica Sts.	Undetermined
049-TER-0016	Stokes House	SE corner of Utica and Stuart Sts.	Undetermined
049-TER-0017	House	NW corner of Utica and Stuart Sts.	Undetermined
049-TER-0018	House	W of Utica and Stuart Sts.	Undetermined
049-TER-0019	House	Utica St.	Undetermined
049-TER-0022-NR	Illinois Central Railroad Depot [also Terry Depot]	102 Railroad Ave.	Listed
049-TER-0023	Francis House	420 Cunningham St. West	Undetermined
049-TER-0025	d. 1863 Terry Cemetery	Located off Cemetery Dr. ≈ 150 m east of I-55 at the Cunningham exit.	Undetermined
049-TER-0026	Brick Bungalow at 409 Cunningham Ave.	409 Cunningham Ave.	Undetermined
049-TER-0027	Terry Drug Company Building	102 Cunningham Ave.	Undetermined
049-TER-0028	Commercial Building at 114 Cunningham Ave.	114 Cunningham Ave.	Undetermined
049-TER-0029	Commercial Building at 116 Cunningham Ave.	116 Cunningham Ave.	Undetermined
049-TER-0033	Terry Grove Missionary Baptist Church	325 Jackson St. North	Undetermined

MDAH Inventory No.	Name	Address	NRHP Eligibility
049-TER-8001	Riverwood [also Pleasant Retreat]	1387 Fortner Rd.	Undetermined
049-TER-8002	Vaughn Creek Bridge	3 mi. east of Terry	Undetermined
049-TER-8003	Pearl River Bridge II	Rosemary Rd.	Undetermined
049-TER-8004	John Sanders House	Wyndale Rd.	Undetermined
049-TER-8007	Hester School (Rosenwald)	N/A	Undetermined
049-TER-8008	John S. Torrey House [also Pilgrim Rest Plantation]	Moved from Jefferson County-former MDAH Inventory No. 063-UCH-8001-MVD	Undetermined
049-TER-8009	ca. 1834 Southern Cedars Plantation	Near intersection of Midway and Kimball	Undetermined

CEMETERIES NEAR THE STUDY AREA

Seven cemeteries are located within a 1-mi. radius of the study corridor (listed below). The two cemeteries closest to the study corridor are the Benevolent Society Cemetery (≈ 30 m northwest) and the McCowan Cemetery (≈ 50 m southeast).

- ***Salem Cemetery*** is located ≈ 200 m northwest of I-55 near the Hinds-Copiah county line on the 1971 Terry, MS USGS 7.5-min. quad map.
- ***Benevolent Society Cemetery*** is located ≈ 30 m northwest of I-55 within the Terry vicinity on the 1971 Terry, MS USGS 7.5-min. quad map.
- ***Terry Cemetery*** is located ≈ 150 m east of I-55 in the Terry vicinity on the 1971 Terry, MS USGS 7.5-min. quad map.
- ***McCowan Cemetery*** is located ≈ 50 m southeast of I-55 just south of Taylorsville on the 1980 Florence, MS USGS 7.5-min. quad map.
- ***Bailey Cemetery*** is located ≈ 1,200 m northeast of the I-55 corridor just south of I-20 on the 1980 Jackson, MS USGS 7.5-min. quad map.
- ***Mt. Eva Cemetery*** is located ≈ 140 m east of I-55 on the 1980 New Byram, MS USGS 7.5-min. quad map.
- ***Old Byram Cemetery*** is located ≈ 750 m southeast of I-55 at 7541 S. Siwell Road on the 1980 New Byram, MS USGS 7.5-min. quad map.

NATIONAL REGISTER OF HISTORIC PLACES LISTINGS

As of this writing, there are 93 NRHP-listed properties in Hinds County, Mississippi (National Register of Historic Places 2011), which includes structures, archaeological sites, a cemetery, and Civil War sites. Fifty of the NRHP-listed properties are within the city of Jackson. There are no NRHP-listed properties with an I-55 address. The majority of the listed properties in Hinds County are structures. The seven archaeological sites listed on the NRHP include the following: Baldwin's Ferry Mound (NRHP listed 09-24-1998); Bardin Mound (22HI537; NRHP listed 03-01-1987); Berry Mound and Village Archaeological Site (NRHP listed 11-25-1969); City Mound (22HI672; NRHP listed 12-01-1988); Dupree Mound and Village Site (NRHP listed 11-25-1969); Pocahontas Mound A (NRHP listed 11-25-1969); and Pocahontas Mound B (NRHP listed 04-11-1972). The only cemetery listed on the NRHP is Greenwood Cemetery (NRHP listed 12-20-1984). The three Civil War sites on the NRHP include: Bailey Hill Civil

War Earthworks (NRHP listed 05-6-1975); Big Black River Battlefield (NRHP listed 11-23-1971); and Raymond Battlefield Site (NRHP listed 01-13-1972).

General Land Office Plat Maps

The 1820–1821 General Land Office (GLO) plat map for Township 5 North Range 1 East was inspected for evidence of early historic occupation within the study corridor (Figure 8). No cultural features are depicted on this plat within the study corridor, but Carrolls Road (now Terry Road) is located just north and west of the study area. Jackson is shown as a small settlement less than 2 mi. northeast of the study corridor. The sections along the Pearl River have also begun to be divided into ≈ 80-ac. parcels.

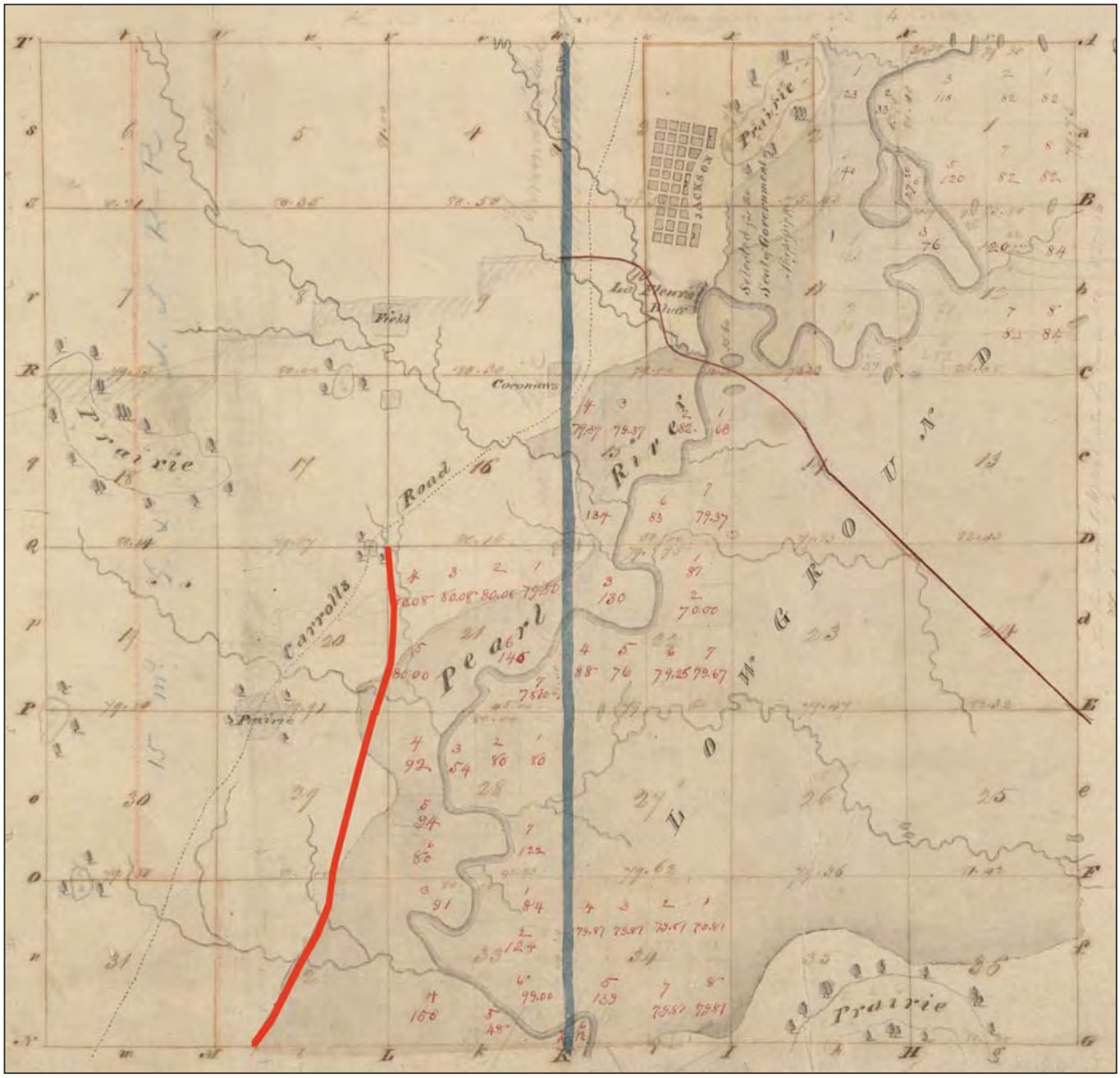


Figure 8. The 1820–1821 Township 5 North, Range 1 East plat map, with corridor highlighted in red.

The 1820–1821 GLO plat map for Township 4 North Range 1 East was also inspected for evidence of early historic occupation within the study corridor (Figure 9). No cultural features are depicted on this plat within the study area. Carrolls Road is mapped less than 0.50 mi. west of the study corridor and sections are divided into ≈ 80-ac. parcels along the Pearl River.

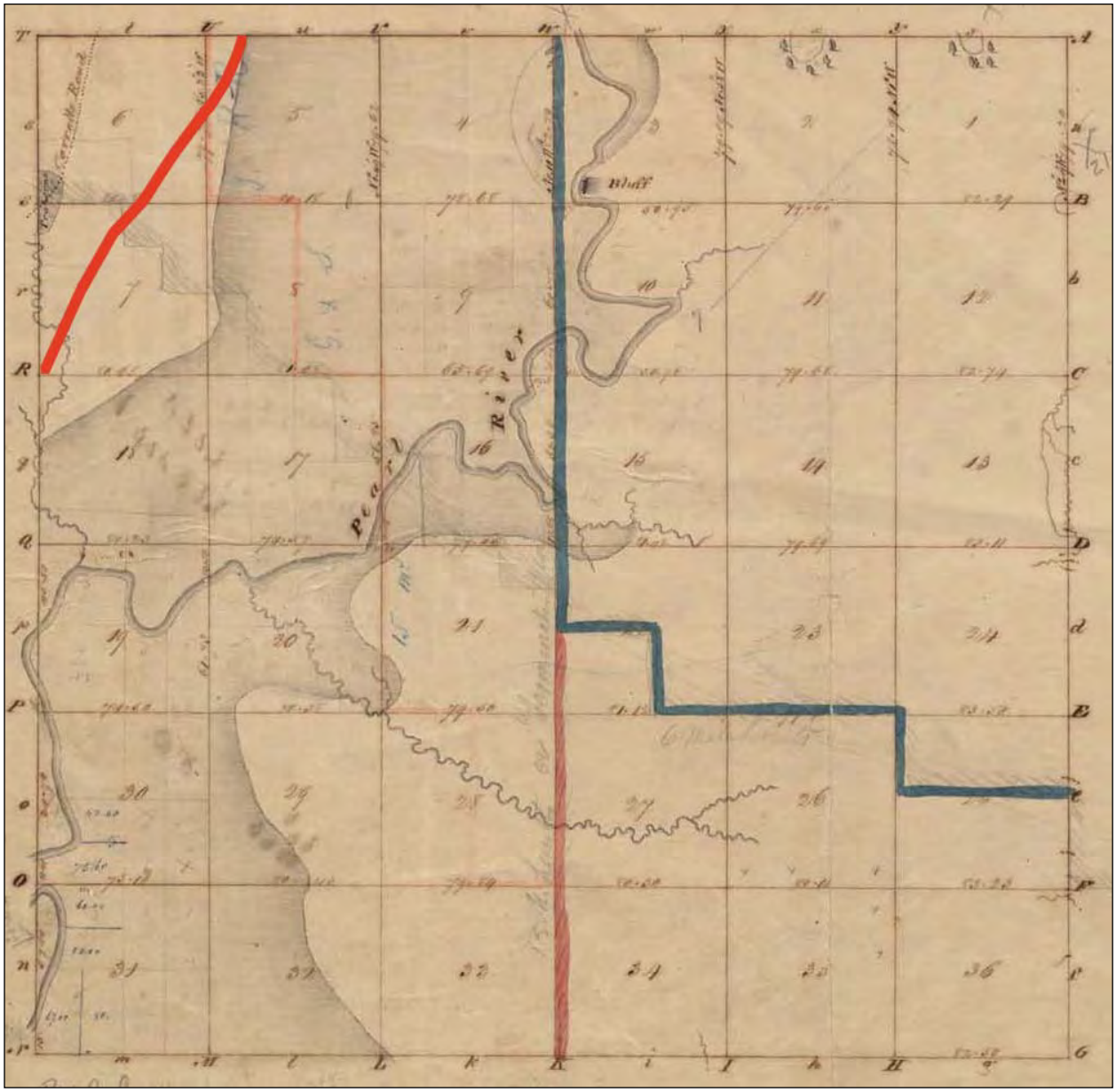


Figure 9. The 1820-1821 Township 4 North, Range 1 East plat map, with corridor highlighted in red.

The 1822 GLO plat map for Township 4 North Range 1 West was also inspected for evidence of early historic occupation within the study corridor (Figure 10). No cultural features are depicted on this plat within the study area. Carrolls Road is mapped running west along the study corridor and three sections are divided into ≈ 80-ac. parcels along the Pearl River.

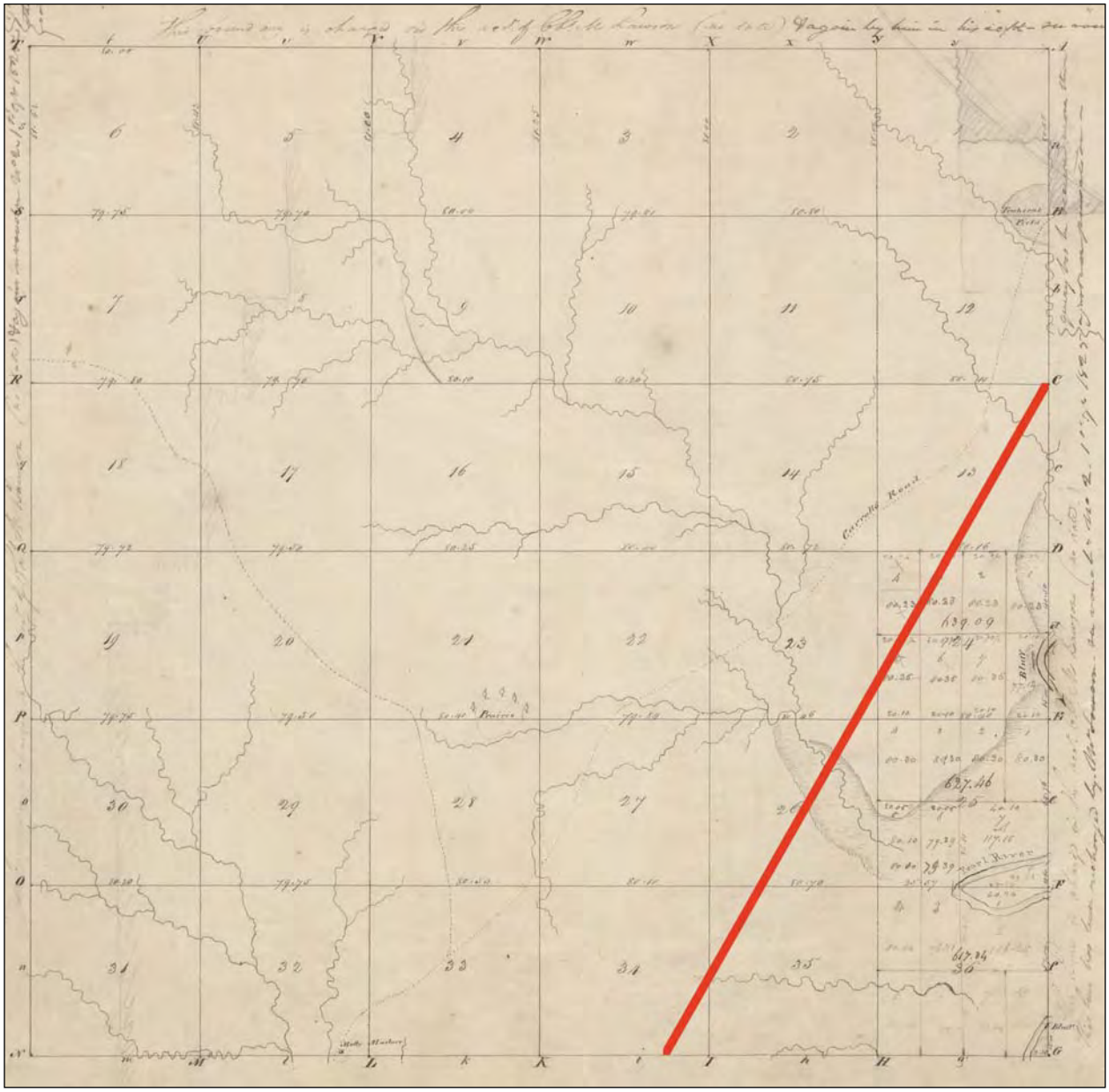


Figure 10. The 1822 Township 4 North, Range 1 West plat map, with corridor highlighted in red.

The 1822 GLO plat map for Township 3 North Range 1 East was also inspected for evidence of early historic occupation within the study corridor (Figure 11). No cultural features are depicted on this plat within the study area. The sections are divided into ≈ 80-ac. parcels along the Pearl River.

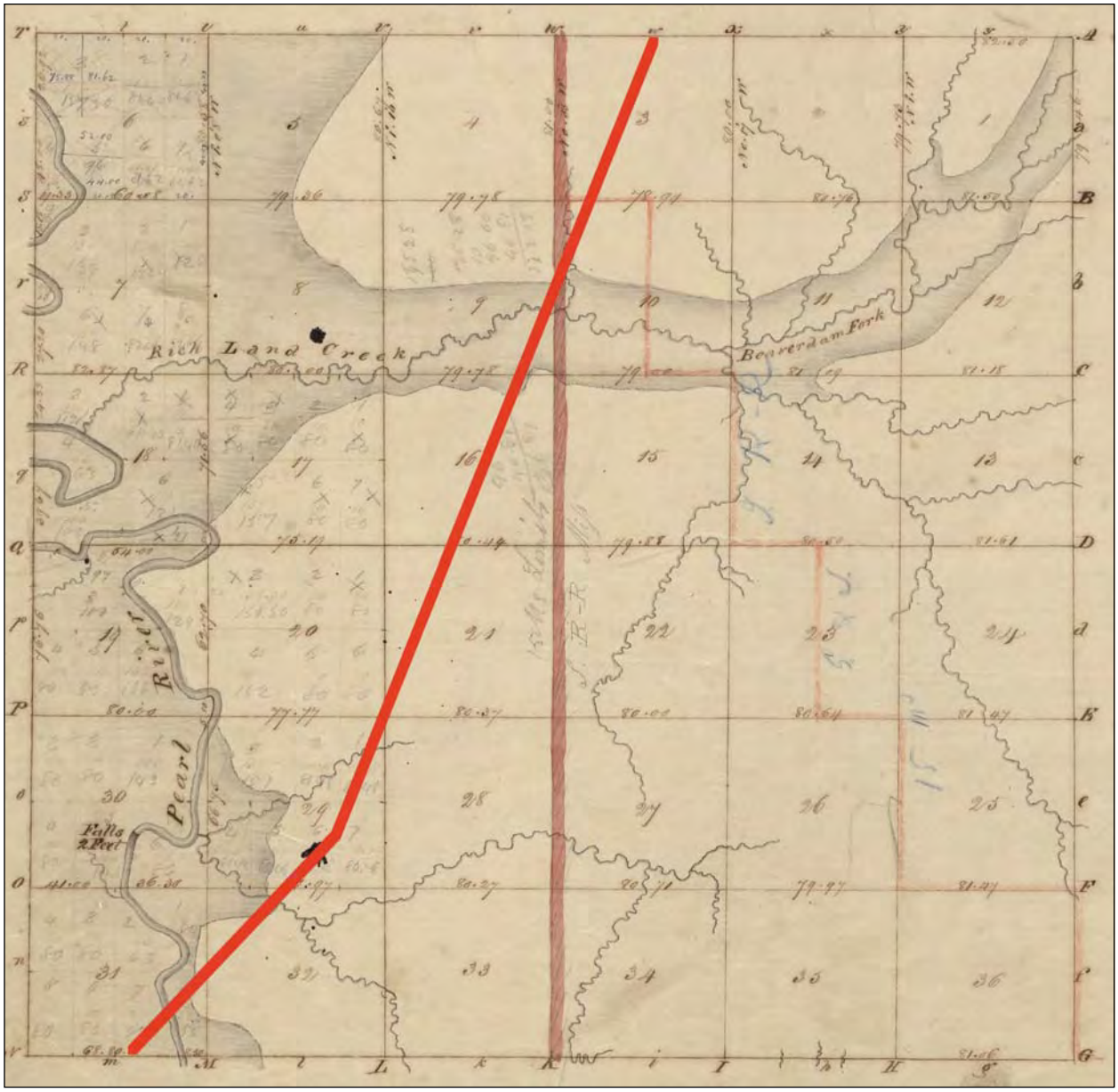


Figure 11. The 1822 Township 3 North, Range 1 East plat map, with corridor highlighted in red.

CONTEXT STATEMENT

The result of the literature and records search, presented above, can be summarized and interpreted as follows. Site 22HI730 is closest to the study corridor and is located ≈ 40 m east of the study corridor. Site 22HI518 is relatively close to the study area, being ≈100 m east of the study corridor. There are no previously recorded archaeological sites on the study corridor. Within 1 mi. of the study corridor there are 35 additional archaeological sites (see Table 1).

There have been a number of previous archaeological investigations near this study corridor, but only three previous surveys have been conducted that are related to I-55. No comprehensive study has been conducted for I-55 since its construction predates the National Historic Preservation Act of 1966. The most intensive archaeological work in this vicinity has been a cultural resources survey conducted for the USACE along both banks of the Pearl River in the Pearl River Basin Development District. Twenty-one of the newly recorded sites (22HI682, 22HI683, 22HI684, 22HI685, 22HI686, 22HI687, 22HI688, 22HI689, 22HI690, 22HI691, 22HI692, 22HI693, 22HI694, 22HI695, 22HI696, 22HI697, 22HI726, 22HI727, 22HI728, 22HI729, 22HI730) were located within 1 mi. of the study corridor, but no eligibility determinations have been made for these sites.

The previously reported archaeological sites in the study vicinity all have prehistoric components (n=35). The prehistoric components are clustered along the Pearl River to the east of the study corridor. Because tributaries that represent the headwaters of the Pearl River cross cut the study corridor, there is a possibility that an unrecorded prehistoric site (or sites) could be located along the I-55 study corridor. The northern end of the study corridor is situated in a heavily developed area in the Jackson Metropolitan Area, which gives it a low probability of containing any intact unrecorded cultural resources.

According to the records at the MDAH facility, fifty-one historic resources are recorded within a 1-mi. radius of the study corridor (Table 2). Five of these historic resources are listed on the NRHP. The NRHP-listed resources include: Bailey Hill Civil War Earthworks and Cemetery (049-JAC-4001-NR-ML); ca. 1905 Byram Swinging Bridge (049-BYR-2503-NR); Wolfe House (049-TER-0002-NR); Dudley Jones House (049-TER-0009-NR); and the Illinois Central Railroad Depot (also Terry Depot; 049-TER-0022-NR). Two other historic resources (1941 General Electric Lamp & Gas Works [049-JAC-4042] and 1956 Baker Elementary Building [049-JAC-4024]) have been determined to be potentially eligible for listing on the NRHP. No historic resources are within the study corridor. However, since all of these historic resources are within a 1-mi. radius of the study corridor, more work needs to be conducted to determine if any of these properties will be visually impacted by the proposed project.

Portions of the study corridor south of the city of Jackson are undeveloped and located along tributaries of the Pearl River. Unrecorded archaeological sites could exist in these settings. For this reason, an archaeological field assessment is recommended. Additionally, the Benevolent Society Cemetery and the McCowan Cemetery are relatively close to the study corridor and will require avoidance.

REFERENCES

DeLeon, Mark
1986 *Letter Report: Cultural Resources Survey of the Forest Woods Property Surrounding Lake Dockery, Hinds County, Mississippi.* Submitted to Lester Engineering Company and the MDAH, from Mark DeLeon.

Gray, Bruce J.
1983 *Letter Report: Cultural Resources Survey of Proposed I-55/I-20 Rehabilitation Plan, Terry Road to Gallatin Street (51-0055-02103-11), Hinds County, Mississippi.* Submitted to the Mississippi State Highway Department and the MDAH, from Bruce J. Gray.

Gray, Bruce J.
1991 *Letter Report: Cultural Resources Survey of Bridge Replacements on I-55 at Caney Creek in South Jackson (MSHD Project No. 54-0055-02-108-11), Hinds County, Mississippi.* Submitted to the Mississippi State Highway Department and the MDAH, from Bruce J. Gray.

Hyatt, Robert D.
1978 *Letter Report: Cultural Resources Survey Oak Creek Subdivision Part IV, Hinds County, Mississippi.* Submitted to Countrywood of Star, Inc. and the MDAH, from Robert D. Hyatt.

Hyatt, Robert D.
1979 *Letter Report: Cultural Resources Survey Raintree Place Subdivision, Hinds County, Mississippi.* Submitted to Jenkins and McCurley Realty, Inc. and the MDAH, from Robert D. Hyatt.

Hyatt, Robert D.
1979 *Letter Report: Cultural Resources Survey Seven Springs Estates, Hinds County, Mississippi.* Submitted to Mark Power Real Estate and the MDAH, from Robert D. Hyatt.

Hyatt, Robert D.
1989 *Letter Report: Cultural Resources Survey of Proposed Reconstruction of Interchange at Interstate Highway 55 and Byram Road in Byram (MSHD Project No. 54-0055-02-139-10), Hinds County, Mississippi.* Submitted to the Mississippi State Highway Department and the MDAH, from Robert D. Hyatt.

Lauro, James
1984 *Letter Report: Archaeological/Historical Survey of the Proposed Trahon Creek Sewer Interceptor Project, Hinds County, Mississippi.* Submitted to the City of Jackson and Reynold's Engineering and the MDAH, from James Lauro.

Lauro, James
1984 *Letter Report: Archaeological/Historical Survey of a 4.5 acre Farmers Home Administration Project in Hinds County, Mississippi.* Submitted to Jack Shaw of West Point and the MDAH, from James Lauro.

Lauro, James
1991 *Cultural Resources Survey of a 13.4 Acre Proposed Borrow Pit, Hinds County, Mississippi.* Submitted to W.C. Yates & Sons, Inc. Submitted by James Lauro.

Lauro, James
1993 *Cultural Resources Survey and Testing on the Pearl River in the Jackson Metropolitan Area, Jackson, Hinds County, Mississippi.* Submitted to the Unites States Army Corps of Engineers. Submitted by Engineering Associates, Inc. and Archaeology Mississippi.

Lauro, James
2002 *Cultural Resources Survey of an Approximately 60 Acre Tract of Land, Hinds County, Mississippi.* Submitted to Wildlife Technical Services, Inc. Submitted by James Lauro.

Lauro, James
2003 Cultural Resources Survey of 2 Borrow Areas, Hinds and Rankin Counties, Mississippi. Submitted to Jeff Perett. Submitted by James Lauro.

National Archaeological Database
2004 National Archaeological Database web page. Available online, http://www.cast.uark.edu/other/nps/nadb/nadb.mul.html

National Register of Historic Places
2011 National Register of Historic Places web page. Available online, http://www.nationalregisterofhistoricplaces.com.

Reams, Robert E.
2000 *A Cultural Resources Assessment of a Proposed Terry Tower Site in Terry, Hinds County, Mississippi.* Submitted to Thompson Engineering. Submitted by Robert Reams.

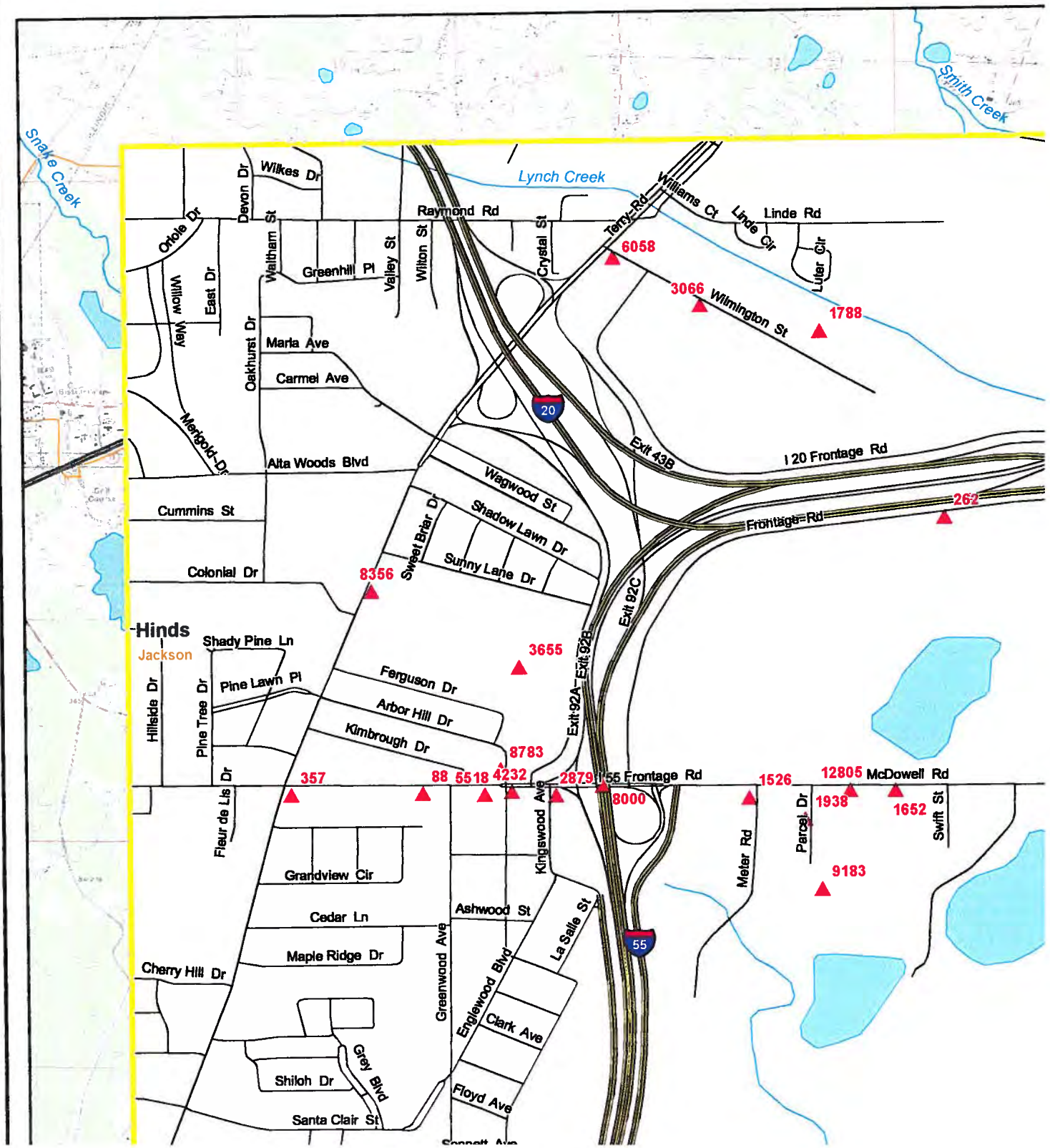
Stanyard, William F.
2007 *Phase I Cultural Resource Investigations for the Midcontinent Express Pipeline Project: Mississippi Segment and Addendum 1.* Submitted to Midcontinent Express Pipeline, LLC., Houston, Texas. Submitted by TRC, Norcross Georgia.

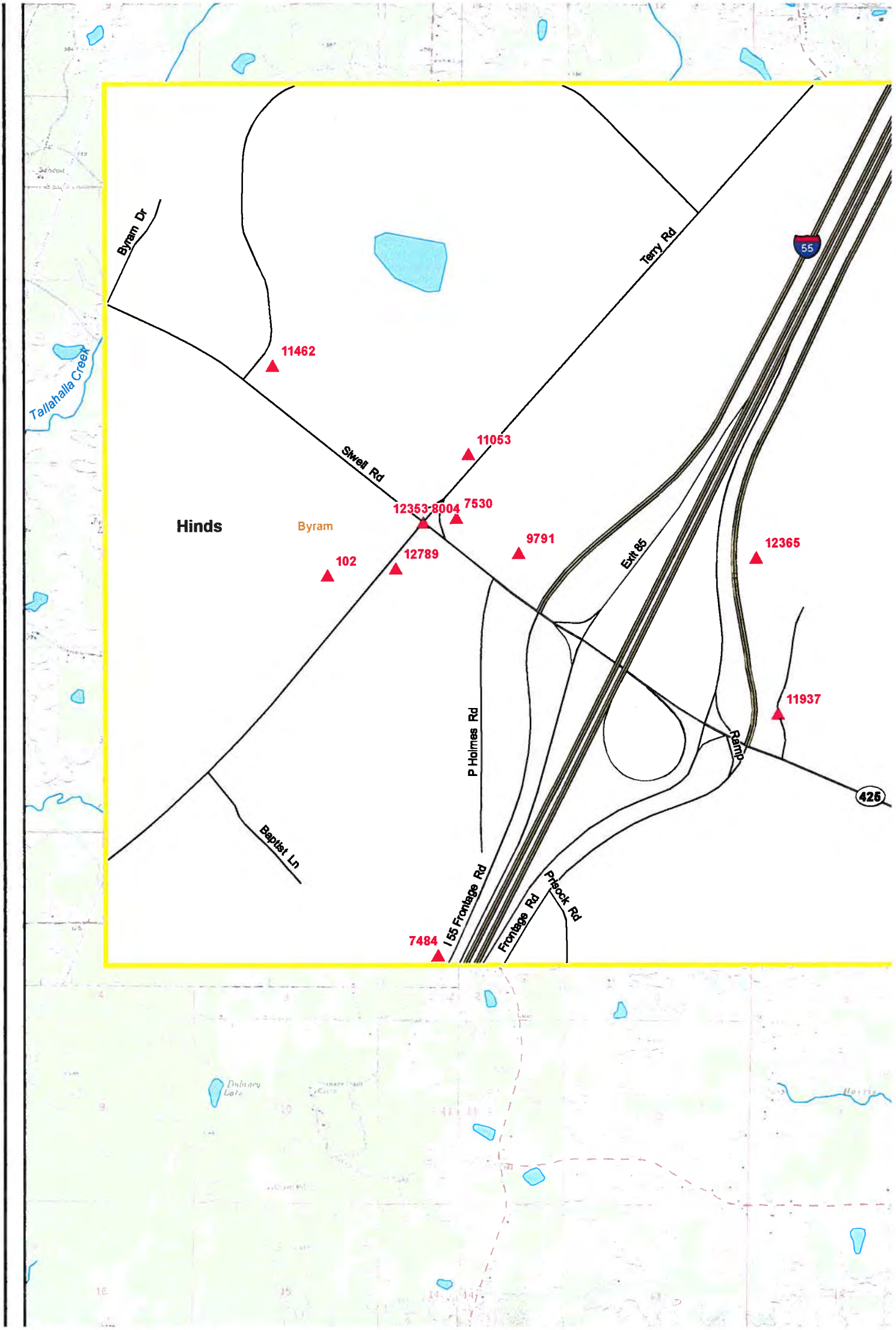
Watkins, Joel H.
2006 *A Phase I Cultural Resources Survey of Forty Temporary Expanded Work Areas and One Pipe Storage Yard in Louisiana and Mississippi.* Submitted to CH2M Hill in Atlanta, Georgia. Submitted by Office of Archaeological Research at the University of Alabama, Moundville, Alabama.

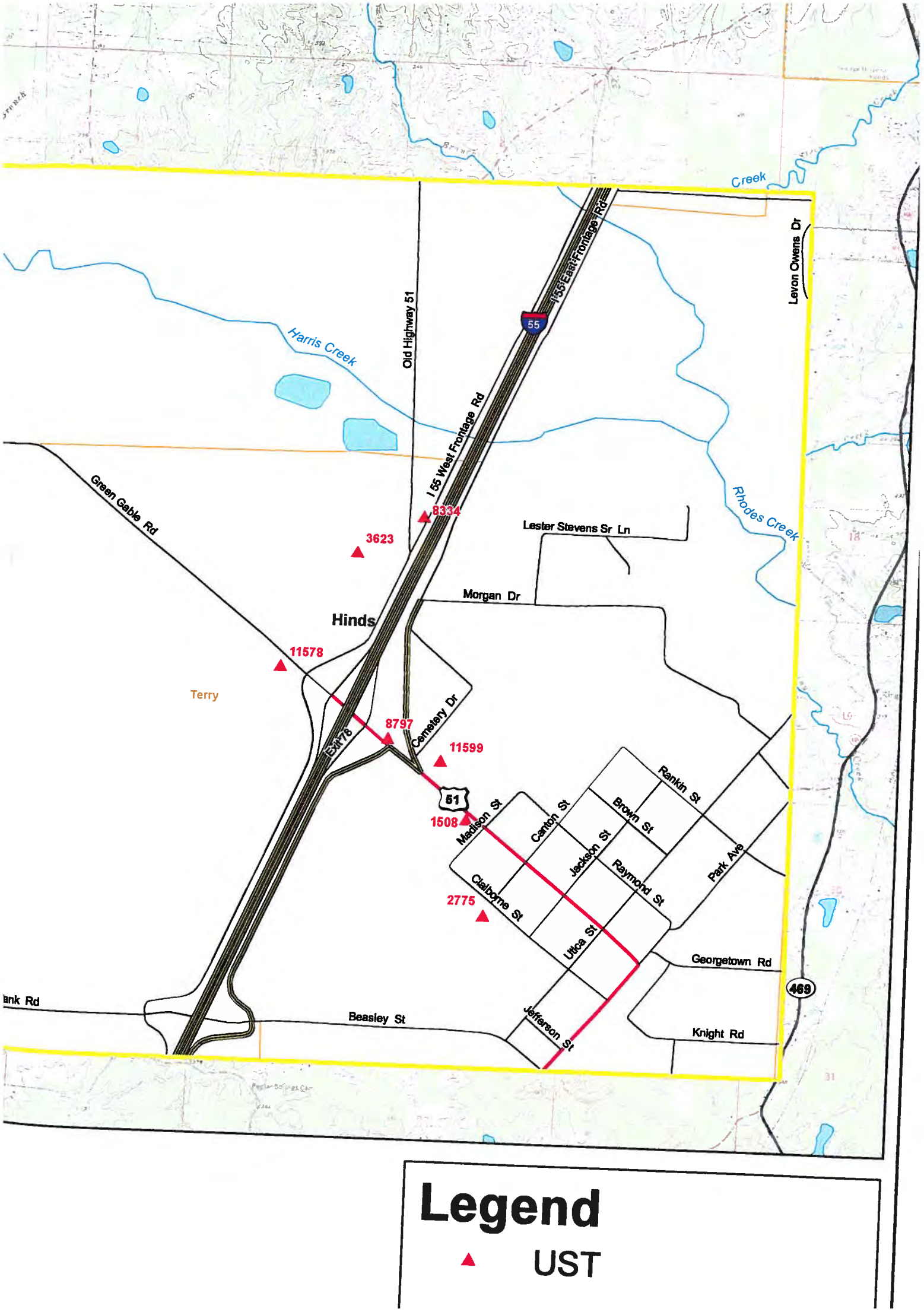
Appendix G

UST/Hazardous Materials/Hazardous Wastes Documentation

Mi
I-55 fr


Snake Creek
Smith Creek
Lynch Creek
Wilkes Dr
Devon Dr
Oriole Dr
Raymond Rd
Waltham St
Greenhill Pl
Valley St
Wilton St
Crystal St
Terry Rd
Williams Ct
Linde Rd
Linde Cir
Luter Cir
6058
3066
Wilmington St
1788
East Dr
Willow Way
Oakhurst Dr
Maria Ave
Carmel Ave
Marigold Dr
20
Exit 43B
I 20 Frontage Rd
Alta Woods Blvd
Wagwood St
Shadow Lawn Dr
Sunny Lane Dr
Sweet Briar Dr
Cummins St
Colonial Dr
8356
262
Frontage Rd
Exit 92C
Exit 92B
Exit 92A
Hinds
Jackson
Shady Pine Ln
Pine Lawn Pl
Hillside Dr
Pine Tree Dr
Ferguson Dr
Arbor Hill Dr
Kimbrough Dr
3655
8783
357
88
5518
4232
2879
I 55 Frontage Rd
8000
1526
12805
McDowell Rd
1938
1652
Swift St
Parcel Dr
Meter Rd
9183
Fleur de Lis Dr
Grandview Cir
Kingswood Ave
Cedar Ln
Ashwood St
La Salle St
Maple Ridge Dr
Cherry Hill Dr
Greenwood Ave
Englewood Blvd
Clark Ave
55
Grey Blvd
Shiloh Dr
Floyd Ave
Santa Clair St


Byram Dr
Terry Rd
55
11462
Tallahalla Creek
Swell Rd
11053
12353
8004
7530
Hinds
Byram
9791
12365
102
12789
Exit 85
P Holmes Rd
11937
Ramp
425
Baptist Ln
I 55 Frontage Rd
Frontage Rd
Prisock Rd
7484


Creek
Levon Owens Dr
I55 East Frontage Rd
55
Old Highway 51
Harris Creek
I 55 West Frontage Rd
Green Gable Rd
8334
3623
Rhodes Creek
Lester Stevens Sr Ln
Morgan Dr
Hinds
11578
Terry
8797
Cemetery Dr
11599
Exit 78
51
1508
Madison St
Carlton St
Brown St
Rankin St
Jackson St
Raymond St
Park Ave
Claiborne St
2775
Utica St
Georgetown Rd
469
ank Rd
Beasley St
Jefferson St
Knight Rd
Legend
UST

NFA DATE

UST Facility_I	Facility_N	Address	City	Zip	County	Facility_S	Owner_Name	Owner_Deta	Total_Tank	Active_Tan	Permanentl	Reported_R	Facility_1	Latitude	Longitude	
88	Highway Oil Inc #806	275 McDowell Road	Jackson	39204	Hinds	Inactive	Fleet Morris Petroleum Company	Owner Details	6	0	6			32.268169	-90.214819	
102	Byram Attendance Center	5801 Terry Road	Jackson	39212	Hinds	Inactive	Hinds County Public Schools	Owner Details	1	0	1			32.185375	-90.262222	
262	Regency Toyota	975 I-20 South Frontage Road	Jackson	39204	Hinds	Inactive	Jackson Oil Products	Owner Details	1	0	1			32.275156	-90.201287	
357	McDowell Exxon	111 East McDowell Road	Jackson	39204	Hinds	Active	Lakhbir Singh	Owner Details	8	3	5	Yes		32.268161	-90.218231	5/10/2002
1043	Abf Freight	4501 I-55 South	Jackson	39204	Hinds	Active	ABF Freight System Inc	Owner Details	4	1	3			32.222019	-90.222633	
1508	Terry Hardware Company	Cunningham At Railroad	Terry	39170	Hinds	Inactive	Terry Hardware Company	Owner Details	2	0	2			32.098814	-90.298881	
1526	Quikrete Of Jackson	2805 Meter Road	Jackson	39204	Hinds	Inactive	Quikrete of Jackson	Owner Details	1	0	1	Yes		32.267964	-90.206409	10/27/1992
1652	Sandair Corporation	765 East McDowell Road	Jackson	39204	Hinds	Inactive	Sandair Corporation	Owner Details	3	0	3			32.268123	-90.202626	
1788	Moran Canvas Prod	393 Wilmington Street	Jackson	39204	Hinds	Inactive	Moran Canvas Prod Inc	Owner Details	1	0	1			32.280000	-90.204444	
1938	Jackson Truck & Trailer Repair	210 Parcel Drive	Jackson	39204	Hinds	Inactive	Buford Plumbing Company	Owner Details	1	0	1			32.267397	-90.204966	
2775	Bargas #2	Springridge Road Route 1 Box 113 A	Terry	39170	Hinds	Inactive	Bargas Of Mississippi Inc	Owner Details	2	0	2			32.096376	-90.298264	
2879	Jackson Project Office Mshd	2802 Kingswood Avenue	Jackson	39212	Hinds	Inactive	MS Department Of Transportation	Owner Details	2	0	2	Yes		32.268081	-90.211386	9/3/1997
2921	Bounds Construction Company	3801 I-55 South	Jackson	39212	Hinds	Inactive	Bounds Construction Company	Owner Details	2	0	2			32.239420	-90.217127	
2923	Truck/trailer	5454 I-55 South	Jackson	39212	Hinds	Active	Tank & Truck Inc	Owner Details	2	1	1			32.191861	-90.250722	
3066	Cruzen Equipment Company	263 Wilmington Street	Jackson	39204	Hinds	Inactive	Cruzen Equipment Company	Owner Details	3	0	3			32.280708	-90.207527	
3100	Shell Store 55	455 Daniel Lake Boulevard	Jackson	39212	Hinds	Active	Fleet Morris Petroleum Company	Owner Details	7	3	4	Yes		32.251550	-90.214742	5/17/1993
3623	Tannehill Auto Repair	Ii-55 West Frontage Road	Terry	39170	Hinds	Inactive	Jean Tannehill	Owner Details	3	0	3			32.105636	-90.302500	
3655	B J Food Mart	400 East McDowell Road	Jackson	39204	Hinds	Active	Babubhai K Patel	Owner Details	11	2	9	Yes		32.271392	-90.212289	1/8/1993
4232	Mcdowell Shell Service Station	411 East McDowell Road	Jackson	39205	Hinds	Active	Morris Petroleum Inc	Owner Details	8	4	4	Yes		32.268194	-90.212514	7/6/1995
5246	Easley & Easley Millwork	3850 Interstate 55 South	Jackson	39212	Hinds	Inactive	Easley & Easley Millwork Inc	Owner Details	1	0	1	Yes		32.236872	-90.216392	8/9/2002
5444	Expressway Amoco	418 Savannah Street	Jackson	39212	Hinds	Active	Fleet Morris Petroleum Company	Owner Details	3	3	0			32.241644	-90.217569	
5518	G & G Food Mart # 2	375 East McDowell Road	Jackson	39212	Hinds	Active	Kawaljit Singh	Owner Details	3	2	1	Yes		32.268119	-90.213214	4/15/2010
5701	Standard Roofing & Sheet Metal	PO Box 6689	Jackson	39212	Hinds	Inactive	Standard Roofing & Sheet Metal	Owner Details	2	0	2			32.222759	-90.226075	
6058	A & M Food Mart	2014 Terry Road	Jackson	39204	Hinds	Active	Balbir Singh	Owner Details	2	0	0			32.281956	-90.209764	
6111	Controlled Air Comfort	5477 I-55 South	Jackson	39205	Hinds	Inactive	Petroleum Distributors Of Jackson	Owner Details	1	0	1			32.210060	-90.236779	
6664	Gray's Truck Service Inc	3840 I-55 South	Jackson	39202	Hinds	Inactive	Gray's Truck Service Inc	Owner Details	1	0	1			32.252610	-90.214209	
6711	Southwest Paving	6805 I-55 South	Jackson	39212	Hinds	Inactive	Belk Construction Corporation	Owner Details	2	0	2			32.210060	-90.236779	
7484	A F Staley Corn Syrup	I-55 South -*jackson Industrial Park	Jackson	39212	Hinds	Inactive	Miller Transporters Inc	Owner Details	1	0	1			32.179717	-90.260267	
7530	Bargas	5780 Terry Road	Jackson	39212	Hinds	Inactive	Byram Siwell LLC	Owner Details	3	0	3	Yes		32.186239	-90.259972	5/12/2004
8000	Dockery Food	Siwell & Terry	Jackson	39212	Hinds	Inactive	Ownership Uncertain	Owner Details	6	0	6			32.268322	-90.210190	
8004	Jackson Pest Control Department	Hawkins Field	Jackson	39205	Hinds	Inactive	City Of Jackson-PUBLIC WORKS DIRECTOR	Owner Details	2	0	2			32.186159	-90.260543	
8334	E-z Quick Mart	11559 I-55 South	Terry	39170	Hinds	Inactive	James Clark Conn	Owner Details	3	0	3			32.106627	-90.300523	
8356	Zayre Department Store #578	2460 Terry Road	Jackson	39204	Hinds	Inactive	Zayre Corporation	Owner Details	1	0	1			32.273406	-90.216101	
8783	Adi Food Mart	380 East McDowell Road	Jackson	39204	Hinds	Active	Pamo Enterprises, LLC	Owner Details	6	2	4	Yes		32.268753	-90.212806	8/12/2003
8797	Terry Red Apple Texaco	511 West Cunningham Avenue	Terry	39170	Hinds	Active	Denson Oil Company	Owner Details	9	4	5			32.100814	-90.301336	
9183	United Parcel Service	605 East McDowell Road	Jackson	39204	Hinds	Active	United Parcel Service	Owner Details	11	4	7	Yes		32.265597	-90.204539	11/9/94
9189	Burch Mechanical Contractors	326 Elton Road	Jackson	39212	Hinds	Inactive	Burch Mechanical Contractors Inc	Owner Details	1	0	1			32.221927	-90.231193	
9791	Pantry #3742 Dba Kangaroo	7442 Siwell Road	Jackson	39212	Hinds	Active	The Pantry Inc	Owner Details	4	4	0	Yes		32.185719	-90.258892	12/8/2010
10435	Savanna Wastewater Treatment Plant	3810 I-55 South Frontage Road	Jackson	39205	Hinds	Active	City Of Jackson-PUBLIC WORKS DIRECTOR	Owner Details	2	1	1	Yes		32.242531	-90.210806	12/16/2008
10797	D P Holmes Trucking	6039 I-55 South	Jackson	39212	Hinds	Inactive	D P Holmes Trucking Inc	Owner Details	2	0	2	Yes		32.175436	-90.264261	4/15/1999
11053	Vowell's Market Place #18	5777 Terry Road	Jackson	39212	Hinds	Active	Triple V Inc	Owner Details	2	2	0			32.187175	-90.259772	
11311	Renfrow Insulation Inc	5650 Terry Road	Jackson	39212	Hinds	Inactive	Renfrow Insulation Inc	Owner Details	2	0	2	Yes		32.209120	-90.245709	6/30/1994
11433	Exxon Of Elton	346 Elton Road	Jackson	39212	Hinds	Active	Jai Bhavani LLC of MS	Owner Details	3	3	0			32.221831	-90.228914	
11462	Cefco #534	7382 Siwell Road	Jackson	39212	Hinds	Active	Deweese Enterprises Inc	Owner Details	3	3	0	Yes		32.188486	-90.263203	4/24/2003
11511	Shell Elton Road	335 Elton Road	Jackson	39212	Hinds	Active	JAI Bhrahmani LLC	Owner Details	3	3	0			32.221278	-90.229028	
11578	Mac's Gas #11	109 Green Gable Road At Interstate 55	Terry	39170	Hinds	Active	Mac's Gas Inc	Owner Details	3	3	0	Yes		32.102578	-90.304681	5/11/2011
11599	Terry Food Mart	430 Cunningham Street	Terry	39170	Hinds	Active	Sarguni Shah LLP	Owner Details	3	3	0			32.100289	-90.299733	
11624	Blue Bell Creameries	6050 I-55 South	Jackson	39212	Hinds	Active	Blue Bell Creameries	Owner Details	2	2	0			32.173456	-90.262681	
11753	Mississippi Bureau Of Narcotics	6090 I-55 South	Jackson	39282	Hinds	Inactive	MS Bureau Of Narcotics	Owner Details	1	0	1			32.252611	-90.214208	
11937	Blue Sky #602	5700 I-55 South	Jackson	39212	Hinds	Active	Craddock Oil Company	Owner Details	3	3	0	Yes		32.183333	-90.254333	OPEN *
11985	Trahon Wastewater Treatment Plant	1 Apache Dr - Landfill Road	Jackson	39212	Hinds	Active	City Of Jackson-PUBLIC WORKS DIRECTOR	Owner Details	2	2	0	Yes		32.242353	-90.210842	1/22/2004
12297	Cefco #544	4200 Wynndale Road	Terry	39170	Hinds	Active	Deweese Enterprises Inc	Owner Details	3	3	0			32.134417	-90.287692	
12353	Former Standard Station	Griffith & West Street	Jackson	39201	Hinds	Inactive	Chevron USA Inc	Owner Details	0	0	0	Yes		32.186159	-90.260543	1/17/1992
12365	Swinging Bridge Bp Store	5750 I-55 South	Jackson	39212	Hinds	Active	Inder K Arora	Owner Details	2	2	0			32.185658	-90.254714	
12789	Exxon Superstore	5802 Terry Road	Jackson	39272	Hinds	Active	Craddock Oil Company	Owner Details	2	2	0			32.185483	-90.261033	
12805	Jasco	723 McDowell Road	Jackson	39204	Hinds	Active	Jamail Singh	Owner Details	1	1	0			32.268131	-90.203800	
12878	White Sands Inc	I-55 West Frontage Road	Jackson	39212	Hinds	Active	Leon V Ghetti	Owner Details	1	1	0			32.173611	-90.265639	

* Joseph Curro - Proj Mgr 601-961-5655 for details

RCRA													
Site_Name	City	County	Size_of	EPA_ID	Project	Status	Major	Highest	Units	Discovery	Latitude	Longitude	Agency
Filtrol Corp./Harshaw-Filtrol	Jackson	Hinds		MSD008149304			NO DATA	0		8/4/1981	32.268375	-90.206836	38973
Mid Continent Truck Stop	Jackson	Hinds		MSD980802771			NO DATA	0		5/25/1983	32.279214	-90.209739	30799
Rexcel Coatings/Chemrex	Jackson	Hinds			Whitten, Ken	SNFA	Lead (TCLP)	330	mg/L	7/7/1997	32.280556	-90.205278	0
Terminix	Jackson	Hinds			Crellin, Jimmy	SNFA	Dieldrin	130	mg/kg	1/21/2003	32.262778	-90.210000	3900

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

MCDOWELL ROAD SHELL

411 EAST MCDOWELL RD
JACKSON, MS 39204-5902
EPA Registry Id: 110001473138

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental In
AIR FACILITY SYSTEM	2804940526	AIR MINOR (ACTIVE)	AIRS/AFS	06/28/2006	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	5541	GASOLINE SERVICE STATIONS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	
FRS	4471	GASOLINE STATIONS	

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info S
FACILITY MAILING ADDRESS	411 EAST MCDOWELL RD	JACKSON	MS		AI

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

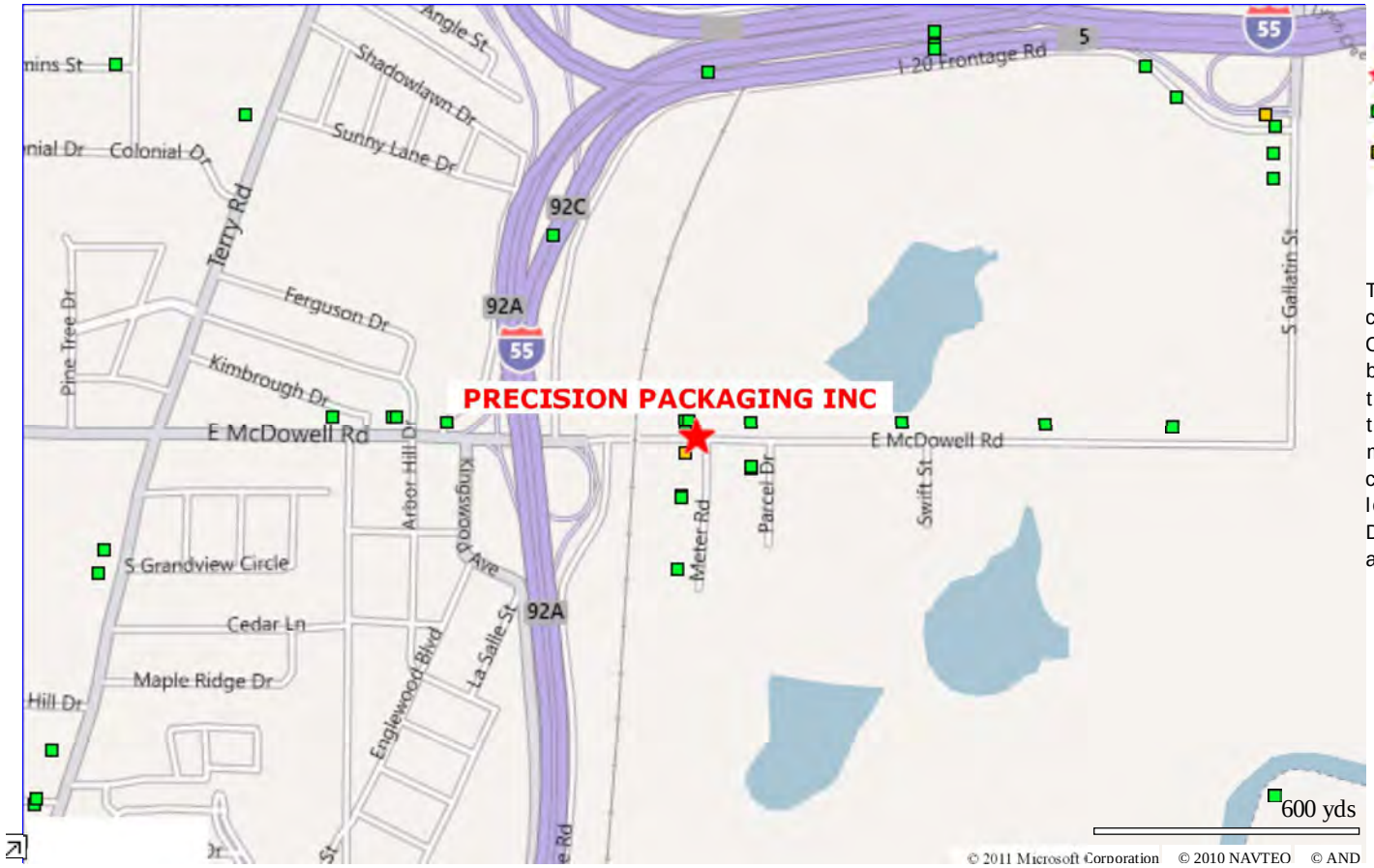
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

PRECISION PACKAGING INC

2805 METER RD
JACKSON, MS 39204
EPA Registry Id: 110023128783



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental
AIR FACILITY SYSTEM	2804900205	AIR SYNTHETIC MINOR (ACTIVE)	AIRS/AFS	12/01/2010	
EMISSION INVENTORY SYSTEM (EIS)	9457611	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	EIS		
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	5237	STATE MASTER	MS-ENSITE		**ENSITE**-1080002 AIR SYNTHETIC M **ENSITE**-2804900 AIR PROGRAM
NATIONAL EMISSIONS INVENTORY	NEI2MS900205	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
NATIONAL EMISSIONS INVENTORY	NEIMS04939204PRCSN28	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
TOXIC RELEASE INVENTORY SYSTEM	39204PRCSN285ME	TRI REPORTER	TRIS	06/29/2010	

Additional EPA Reports: **MyEnvironment** **Enforcement and Compliance** **Site Demographics** **Watershed Report**

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NEI	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
AIRS/AFS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
MS-ENSITE	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
NEI	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
FRS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
NEI	32739	OTHER CONCRETE PRODUCT MANUFACTURING
TRIS	327390	OTHER CONCRETE PRODUCT MANUFACTURING.
EIS	327390	OTHER CONCRETE PRODUCT MANUFACTURING.
NEI	327999	ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING.
AIRS/AFS	327390	OTHER CONCRETE PRODUCT MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
IS AIR PERMIT CONTACT FOR	10816 EXECUTIVE DRIVE, SUITE 100	LITTLE ROCK	AR	72211	MS
IS APPLICATION SIGNATORY FOR	10816 EXECUTIVE DRIVE, SUITE 100	LITTLE ROCK	AR	72211	MS
IS CONTACT FOR	10816 EXECUTIVE DRIVE, SUITE 100	LITTLE ROCK	AR	72211	MS
MAILING ADDRESS	PO BOX 8098	JACKSON	MS	39284	MS
IS CONTACT FOR	PO BOX 8098	JACKSON	MS	39284	MS
FACILITY MAILING ADDRESS	2805 METER RD	JACKSON	MS	39204	
FACILITY MAILING ADDRESS	PO BOX 8098ROAD	JACKSON	MS	39284	A

Alternative Names

Alternative Name	Source of Data
PRECISION PACKAGING INC	AIRS/AFS

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
PARENT COMPANY	ASH GROVE CEMENT CO	049394299	TRIS	

Contacts

Affiliation Type	Full Name	Office Phone	Information System
IS CONTACT FOR	CARL DAVIDSON	(601) 352-2016	MS-ENSITE
IS AIR PERMIT CONTACT FOR	GEOFF QUO	(501) 224-3372	MS-ENSITE
PUBLIC CONTACT	GEOFF QUO	5012243372	TRIS
IS APPLICATION SIGNATORY FOR	GEOFF QUO	(501) 224-3372	MS-ENSITE
IS CONTACT FOR	GEOFF QUO	(501) 224-3372	MS-ENSITE

Query executed on: JUL-29-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) EXIT EPA TOXMAP

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

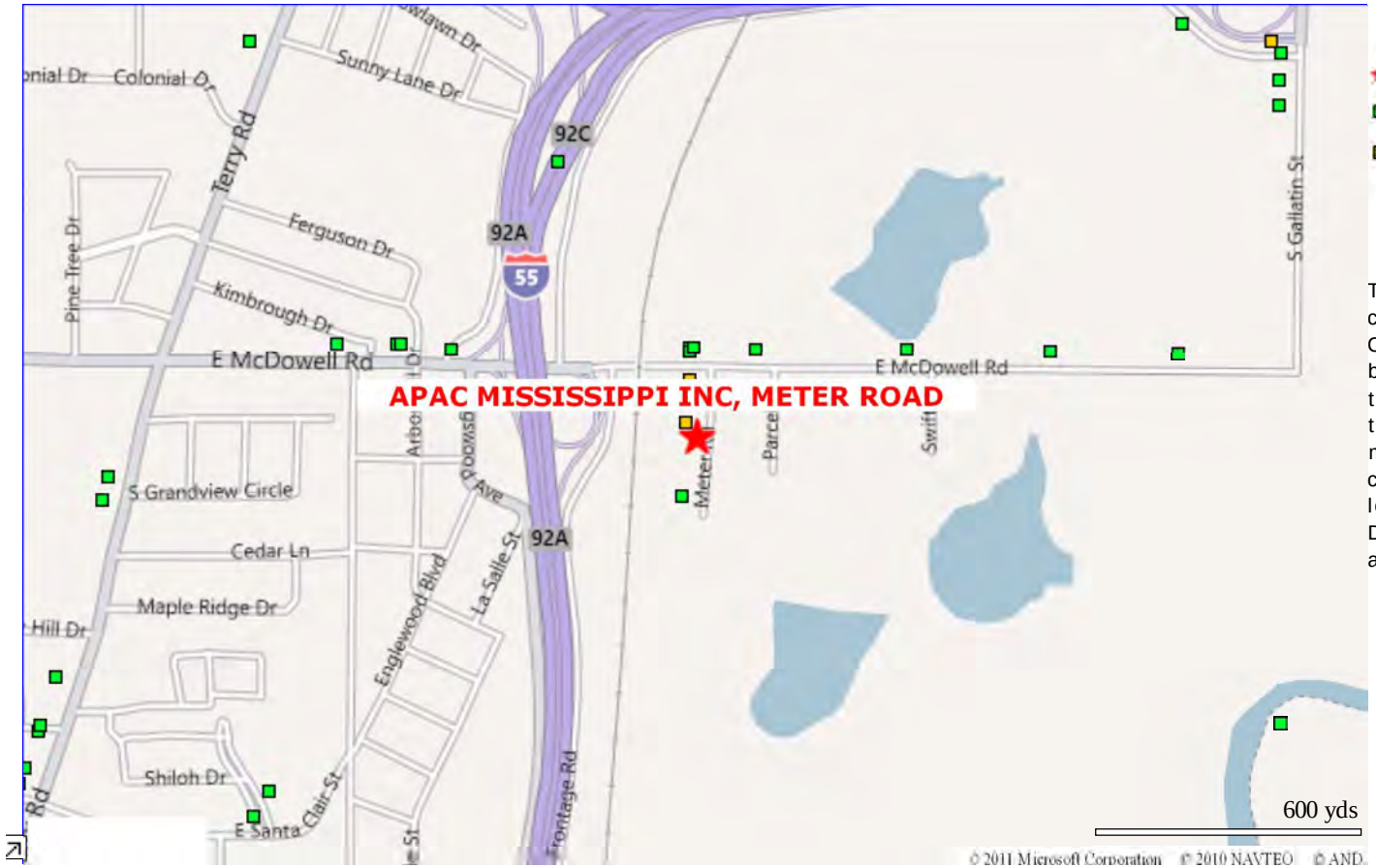
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

APAC MISSISSIPPI INC, METER ROAD

2902 METER ROAD
JACKSON, MS 39204
EPA Registry Id: 110002214130



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental
AIR FACILITY SYSTEM	2804900010	AIR SYNTHETIC MINOR (ACTIVE)	AIRS/AFS	12/01/2010	
EMISSION INVENTORY SYSTEM (EIS)	8231011	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	EIS		
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	987	STATE MASTER	MS-ENSITE		**ENSITE**-1080000 AIR PROGRAM **ENSITE**-1080000 AIR SYNTHETIC M **ENSITE**-R2038 REFUSE DISPOSA **ENSITE**-2804900 AIR PROGRAM **ENSITE**-MSR000 NPDES STORMWA PERMIT
NATIONAL EMISSIONS INVENTORY	NEIMS1711	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
TOXIC RELEASE INVENTORY SYSTEM	39212PCMSS2902M	TRI REPORTER	TRI REPORTING FORM	06/16/2010	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	2951	ASPHALT PAVING MIXTURES AND BLOCKS	
NEI	2951	ASPHALT PAVING MIXTURES AND BLOCKS	
FRS	2951	ASPHALT PAVING MIXTURES AND BLOCKS	
MS-ENSITE	2951	ASPHALT PAVING MIXTURES AND BLOCKS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.
NEI	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.
EIS	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.
AIRS/AFS	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.
TRIS	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info S
IS GENERAL PERMIT CONTACT FOR	PO BOX 24508	JACKSON	MS	392254508	MS
IS APPLICATION SIGNATORY FOR	PO BOX 24508	JACKSON	MS	39225	MS
IS APPLICATION SIGNATORY FOR	PO BOX 24508	JACKSON	MS	392254508	MS

Alternative Names

Alternative Name	Source of Data

APAC- MISSISSIPPI INC. JACKSON PLANT	TRI REPORTING FORM
APAC-MISSISSIPPI INC, METER ROAD	AIRS/AFS
APAC- MISSISSIPPI INC.	TRI REPORTING FORM
APAC-MISSISSIPPI INC JACKSON ASPHALT PLANT	TRIS
APAC- MISSISSIPPI INC. JACKSON PLANT	TRIS

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER/OPERATOR		039428339	TRIS	
PARENT COMPANY	APAC HOLDINGS INC		TRIS	

IS CONTACT FOR	PO BOX 24508	JACKSON	MS	392254508	MS
IS GENERAL PERMIT CONTACT FOR	PO BOX 24508	JACKSON	MS	39225	MS
MAILING ADDRESS	PO BOX 24508	JACKSON	MS	392254508	MS
IS CONTACT FOR	PO BOX 24508	JACKSON	MS	39225	MS
FACILITY MAILING ADDRESS	PO BOX 24508	JACKSON	MS	392254508	
FACILITY MAILING ADDRESS	PO BOX 24508	JACKSON	MS	39225	AI
IS AIR PERMIT CONTACT FOR	PO BOX 24508	JACKSON	MS	392254508	MS

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
IS AIR PERMIT CONTACT FOR	BRIAN MOORE	(601) 376-4000	MS-ENSITE	
IS GENERAL PERMIT CONTACT FOR	DWAYNE BOYD	(601) 376-4000	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	BRIAN MOORE	(601) 376-4000	MS-ENSITE	
IS GENERAL PERMIT CONTACT FOR	BRIAN MOORE	(601) 376-4000	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	DWAYNE BOYD	(601) 376-4000	MS-ENSITE	
IS CONTACT FOR	BRIAN MOORE	(601) 376-4000	MS-ENSITE	
PUBLIC CONTACT	BRIAN MOORE	6013764000	TRIS	
IS CONTACT FOR	LEE COLE	(601) 376-4011	MS-ENSITE	

Query executed on: JUL-29-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) EXIT EPA TOXMAP

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

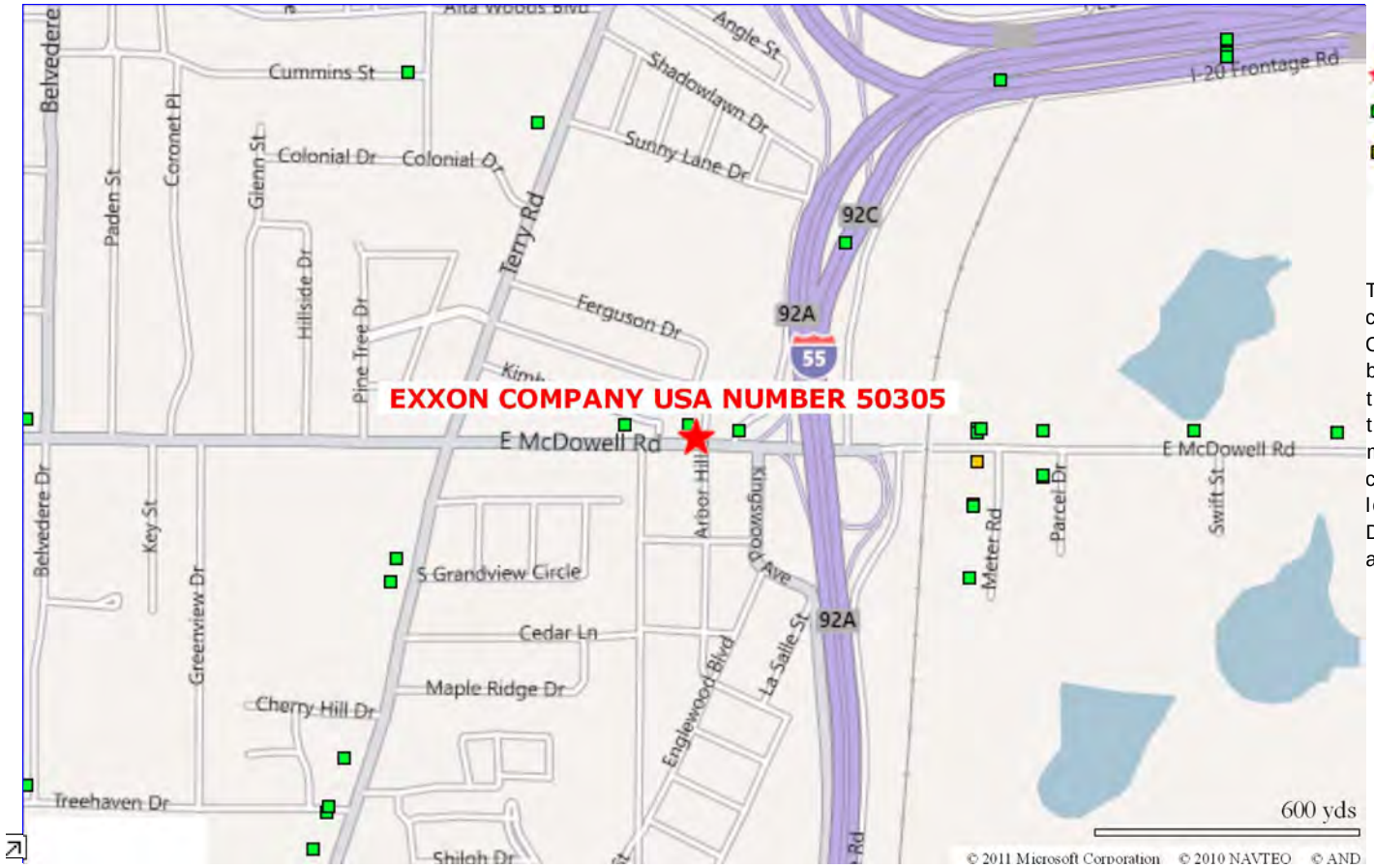
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

EXXON COMPANY USA NUMBER 50305

400 EAST MCDOWELL ROAD
JACKSON, MS 39204-5901
EPA Registry Id: 110002223335



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	3650	STATE MASTER	MS-ENSITE		**ENSITE**-MSD98597 CESQG
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSD985971431	CESQG (ACTIVE)	NOTIFICATION (RCRA)	04/24/2001	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info S
MAILING ADDRESS	PO BOX 4552	HOUSTON	TX	772104552	MS
OWNER	3225 GALLOWS ROAD	FAIRFAX	VA	220370001	RC
FACILITY MAILING ADDRESS	PO BOX 4552	HOUSTON	TX	772104552	RC

Alternative Names

No Alternative Names returned.

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	EXXONMOBIL CORPORATION		RCRAINFO	View

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

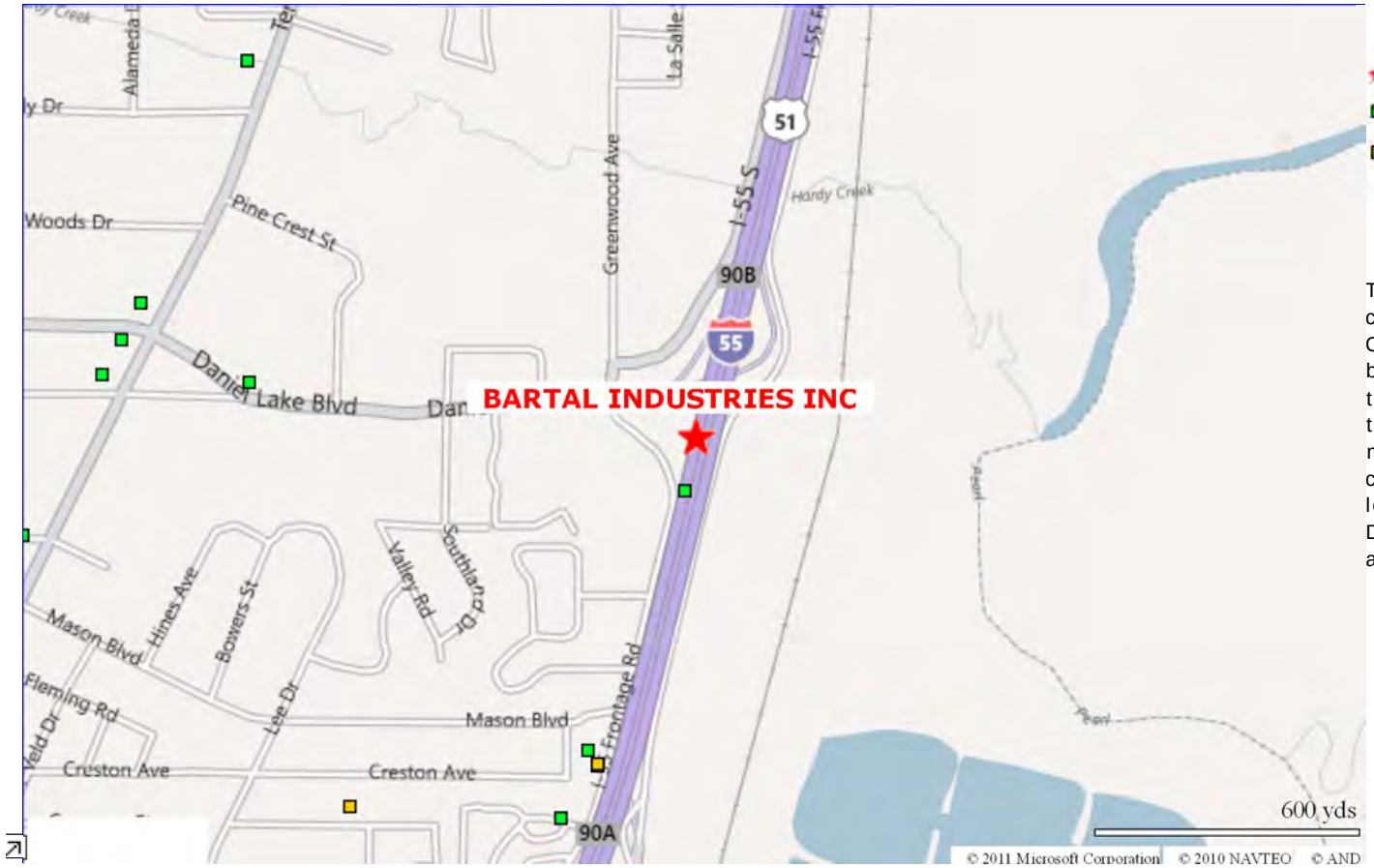
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

BARTAL INDUSTRIES INC

3540 FRONTAGE ROAD INTERSTATE 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002224842



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Env Interest
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	2002	STATE MASTER	MS-ENSITE		**ENSITE**-MSD98277 HAZARDOUS WAST PROGRAM
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSD982771289	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	09/02/2000	
TOXIC RELEASE INVENTORY SYSTEM	39212DLRBB3540I	TRI REPORTER	TRI REPORTING FORM	06/18/1998	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
TRIS	3089	PLASTICS PRODUCTS, NOT ELSEWHERE CLASSIFIED	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
TRIS	326199	ALL OTHER PLASTICS PRODUCT MANUFACTURING

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
FACILITY MAILING ADDRESS	P.O. BOX 6896	JACKSON	MS	39212	RCF
FACILITY MAILING ADDRESS	PO BOX 6896	JACKSON	MS	39212	T
MAILING ADDRESS	PO BOX 6896	JACKSON	MS	39212	MS-

Alternative Names

Alternative Name	Source of Data
IDEAL RUBBER PRODS.	TRI REPORTING FORM
IDEAL RUBBER PRODUCTS DIVISION	TRI REPORTING FORM

Contacts

Affiliation Type	Full Name	Office Phone	Information System	A
PUBLIC CONTACT	RICHARD THOMAS	6013731010	TRIS	

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	SHERMAN SMITH		RCRAINFO	
OWNER/OPERATOR		081518839	TRIS	
PARENT COMPANY		081518839	TRIS	

Query executed on: JUL-29-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) EXIT EPA TOXMAP

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

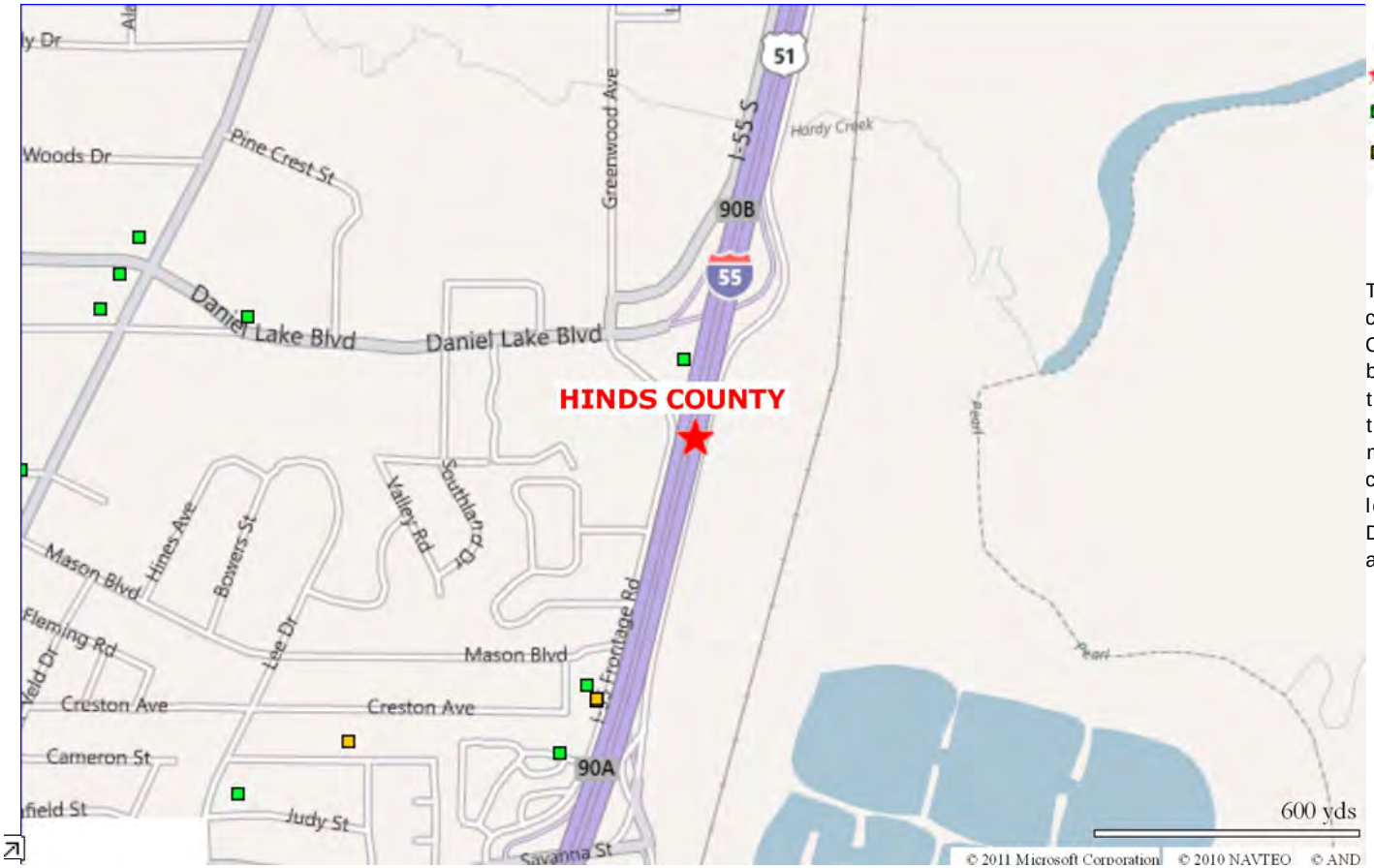
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HINDS COUNTY

3600 I-55 SOUTH
JACKSON, MS 39217-0001
EPA Registry Id: 110035768728



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
PERMIT COMPLIANCE SYSTEM	MSR104643	NPDES NON-MAJOR	NPDES PERMIT		ICIS-ENFORCEMENT/COMPLIANCE ACTI

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	5015	MOTOR VEHICLE PARTS, USED	

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
PRIMARY MAILING ADDRESS	450 SOUTH ORANGE AVE STE 900	ORLANDO	FL	32801	

Contacts

No Contacts returned.

Alternative Names

Alternative Name	Source of Data
PULL A PART OF JACKSON LLC	NPDES PERMIT

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

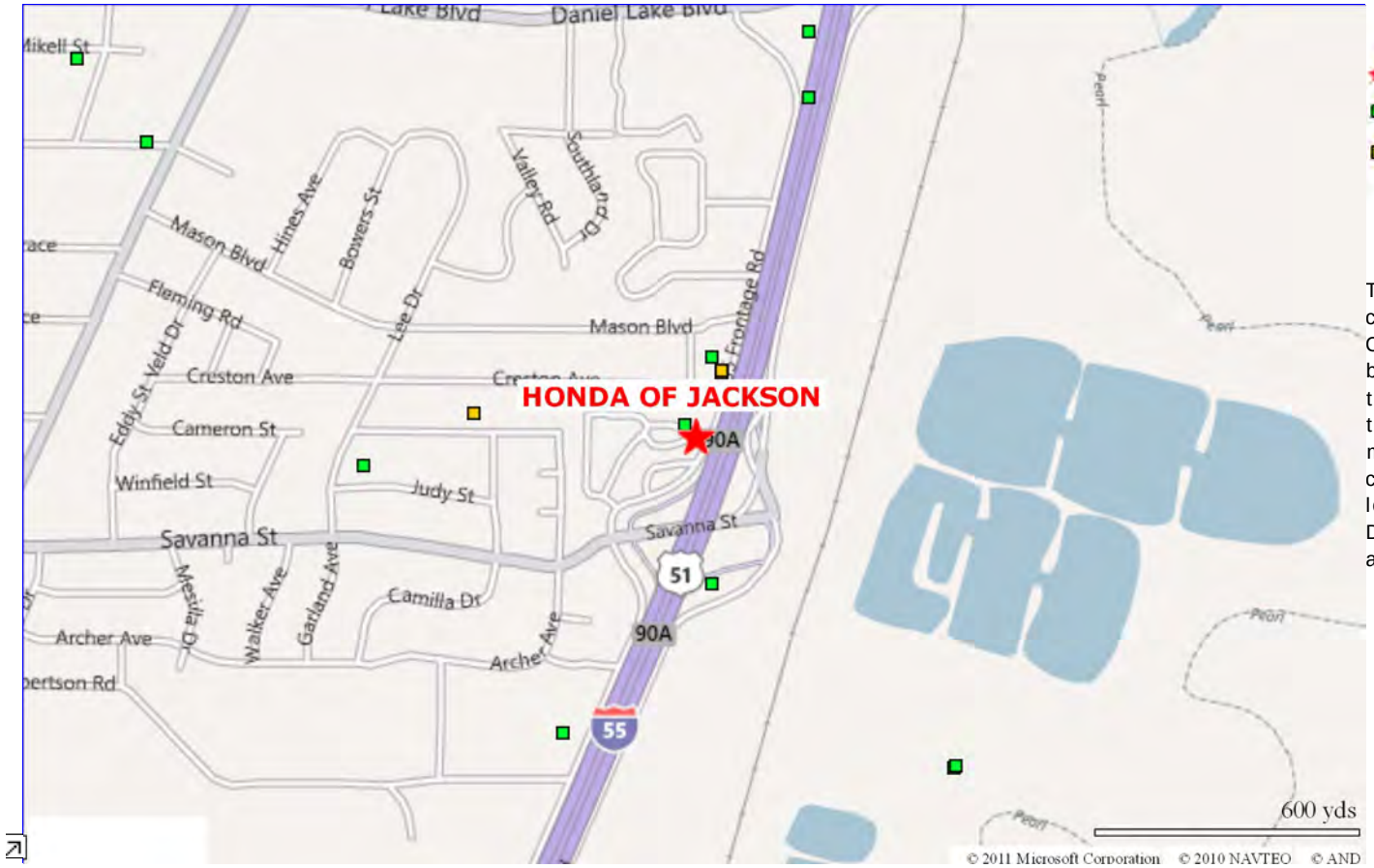
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HONDA OF JACKSON

3631 HIGHWAY 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002326448



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	3388	STATE MASTER	MS-ENSITE		**ENSITE**-MSD033340 HAZARDOUS WASTE
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSD033340290	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	09/02/2000	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
FACILITY MAILING ADDRESS	3631 FRONTAGE ROAD, I-55 SOUTH	JACKSON	MS	39212	RC
MAILING ADDRESS	3631 HIGHWAY 55 SOUTH	JACKSON	MS	39212	MS

Alternative Names

No Alternative Names returned.

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	GALE BUTLER		RCRAINFO	

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

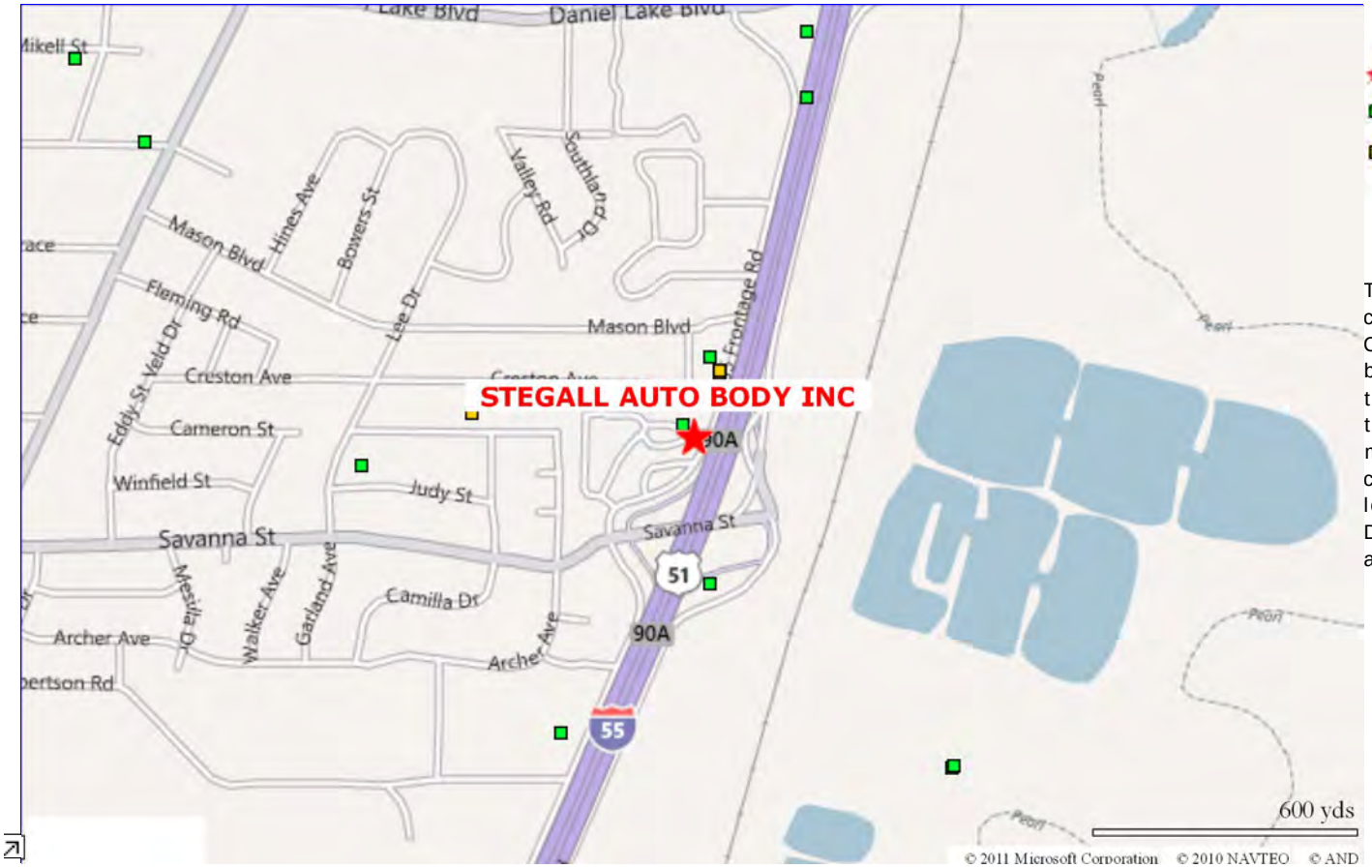
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

STEGALL AUTO BODY INC

3631 INTERSTATE 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002464351



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	5348	STATE MASTER	MS-ENSITE		**ENSITE**-MSD98597 CESQG
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSD985971563	CESQG (ACTIVE)	NOTIFICATION (RCRA)	09/02/2000	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	058671090
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
MAILING ADDRESS	3631 INTERSTATE 55 SOUTH	JACKSON	MS	39212	MS
OWNER	3631 FRONTAGE ROAD, I-55 SOUTH	JACKSON	MS	39212	RC
FACILITY MAILING ADDRESS	3631 FRONTAGE ROAD, I-55 SOUTH	JACKSON	MS	39212	RC

Alternative Names

No Alternative Names returned.

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	JIMMY STEGALL		RCRAINFO	View

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

BUMPER SUPPLY OF MISSISSIPPI INC

3752 INTERSTATE 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002464468

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	3291	STATE MASTER	MS-ENSITE		**ENSITE**-MS0000964 CESQG
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MS0000964130	CESQG (ACTIVE)	NOTIFICATION (RCRA)	09/02/2000	

Additional EPA Reports: **MyEnvironment** **Enforcement and Compliance** **Site Demographics** **Watershed Report**

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	624332672
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
MAILING ADDRESS	3752 INTERSTATE 55 SOUTH	JACKSON	MS	39212	MS
OWNER	3752 I-55 SOUTH	JACKSON	MS	39212	RC
FACILITY MAILING ADDRESS	3752 I-55 SOUTH	JACKSON	MS	39212	RC

Alternative Names

No Alternative Names returned.

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	RICK ESTEL		RCRAINFO	View

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

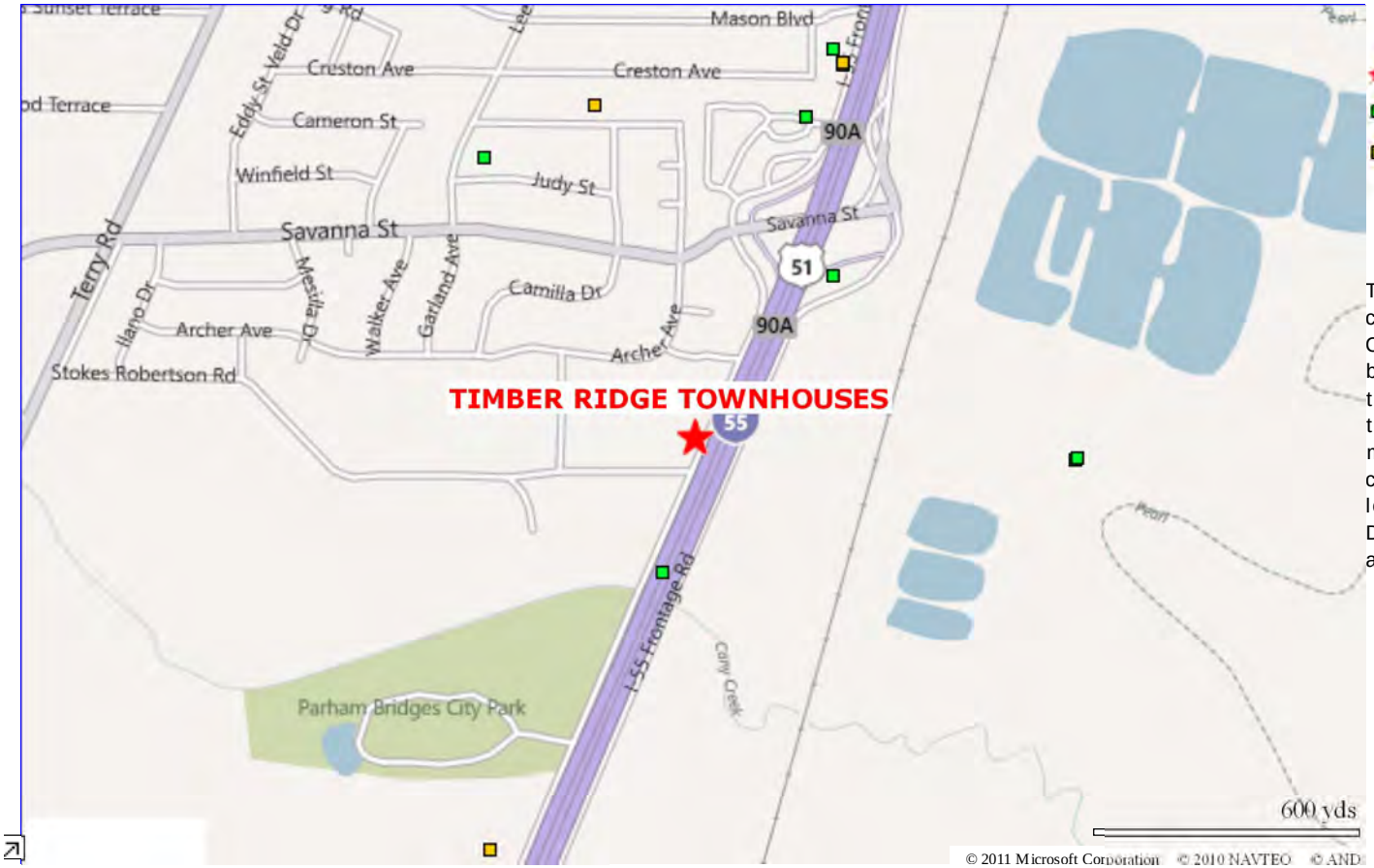
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

TIMBER RIDGE TOWNHOUSES

3875 I-55 SOUTH
JACKSON, MS 39212-5128
EPA Registry Id: 110023161344



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environ Interests:
INTEGRATED COMPLIANCE INFORMATION SYSTEM	5870305	FORMAL ENFORCEMENT ACTION	ICIS	09/28/2005	**ICIS**-04-2005-2657 FORMAL ENFORCEMENT AC
INTEGRATED COMPLIANCE INFORMATION SYSTEM	5870305	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	10/14/2003	**ICIS**-04-2005-2657 FORMAL ENFORCEMENT AC
NATIONAL COMPLIANCE DATABASE	I04#20030521N4009 1	COMPLIANCE ACTIVITY	NCDB		

Additional EPA Reports: **MyEnvironment** **Site Demographics** **Watershed Report**

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
ICIS	6513	OPERATORS OF APARTMENT BUILDINGS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	531110	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Alternative Names

Alternative Name	Source of Data
TIMBER RIDGE APARTMENTS	ICIS

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

JACKSON FURTHER PROCESSING

4100 INTERSTATE 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002473644

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemer Environmental I
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	3772	STATE MASTER	MS-ENSITE		**ENSITE**-MSR00000 CESQG
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSD982104309	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	06/11/2004	
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSR000003327	CESQG (ACTIVE)	NOTIFICATION (RCRA)	09/02/2000	
TOXIC RELEASE INVENTORY SYSTEM	39207MCCRY4100I	TRI REPORTER	TRI REPORTING FORM	07/06/1999	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
TRIS	2015	POULTRY SLAUGHTERING AND PROCESSING	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	
TRIS	311000		

Facility Codes and Flags

EPA Region:	04
Duns Number:	837180819
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
FACILITY MAILING ADDRESS	P.O. BOX 2718	JACKSON	MS	39207	RC
FACILITY MAILING ADDRESS	P.O. BOX 2579	JACKSON	MS	39207	
MAILING ADDRESS	PO BOX 2718	JACKSON	MS	39203	MS
FACILITY MAILING ADDRESS	P. O. BOX 2718	JACKSON	MS	392072718	RC
OWNER	P.O. BOX 366	MAGEE	MS	39111	RC
OWNER	2210 W OAKLAWN DRIVE	SPRINGDALE	AR	72765	RC

Alternative Names

Alternative Name	Source of Data
TYSON FOODS INC	MS-ENSITE
MCCARTY FOODS, INC.	RCRAINFO

Contacts

Affiliation Type	Full Name	Office Phone	Information System	A
PUBLIC CONTACT	ALAN HENDERSON	6016294735	TRIS	

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	TYSON FOODS INC		RCRAINFO	View
OWNER	MCCARTY FARMS		RCRAINFO	View
OWNER/OPERATOR		096939277	TRIS	

PARENT COMPANY	TYSON FOODS INC	006903702	TRIS	

Query executed on: JUL-29-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) EXIT EPA TOXMAP

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

PINKER AIR EQUIPMENT

4881 INTERSTATE 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002464324

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	5398	STATE MASTER	MS-ENSITE		**ENSITE**-MSR000001 CESQG
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSR000001396	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	09/02/2000	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
MAILING ADDRESS	4881 INTERSTATE 55 SOUTH	JACKSON	MS	39212	MS
OWNER	201 HARBOR CIRCLE	NEW ORLEANS	LA	70126	RC
FACILITY MAILING ADDRESS	4881 I-55 S.	JACKSON	MS	39212	RC

Alternative Names

No Alternative Names returned.

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	GULF STATES ENGINEERING		RCRAINFO	View

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

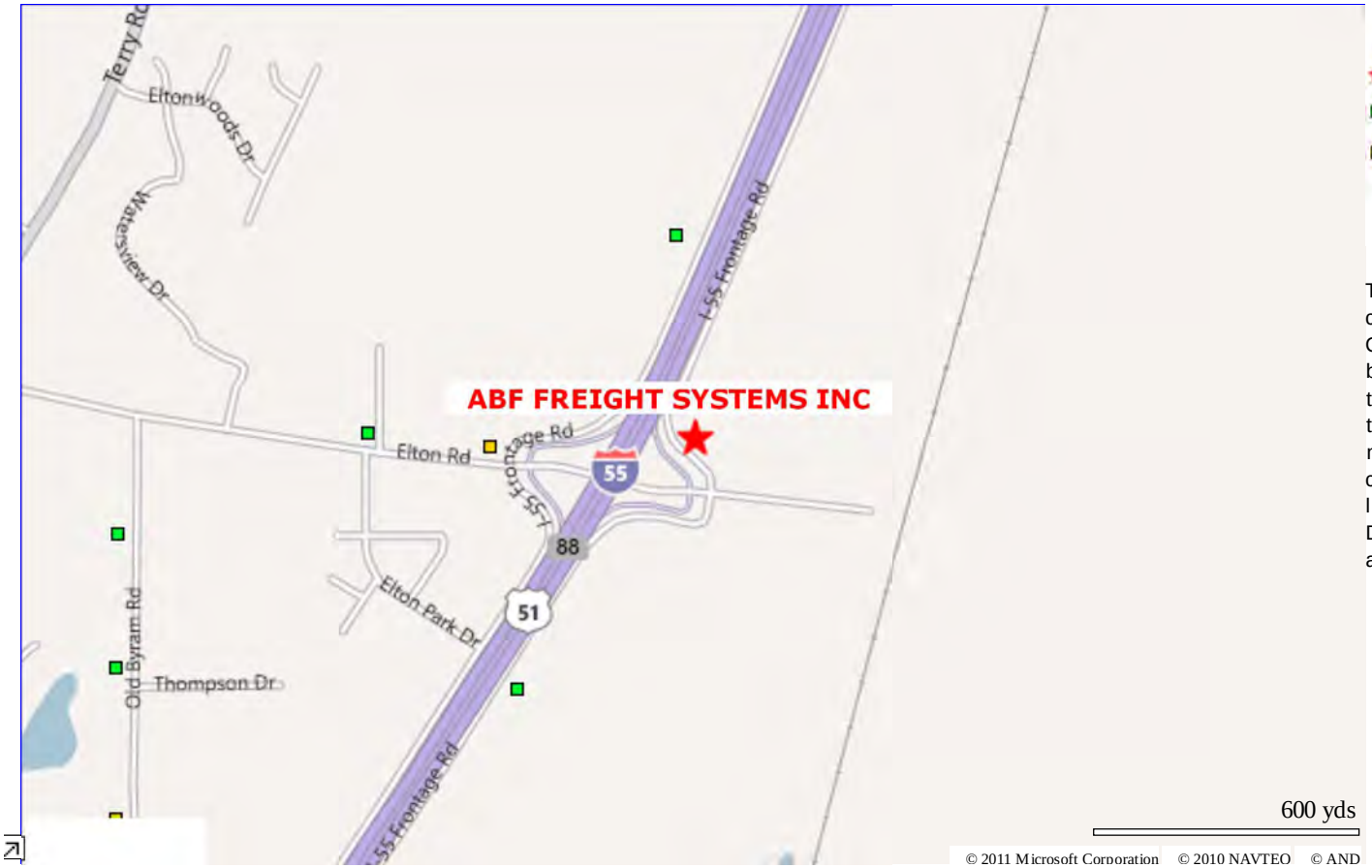
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

ABF FREIGHT SYSTEMS INC

4501 INTERSTATE 55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110002464459



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	3390	STATE MASTER	MS-ENSITE		**ENSITE**-MSD07262 CESQG **ENSITE**-MSR00097 NPDES STORMWATE
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSD072627151	CESQG (ACTIVE)	NOTIFICATION (RCRA)	09/02/2000	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
MS-ENSITE	4231	TERMINAL AND JOINT TERMINAL MAINTENANCE FACILITIES FOR MOTOR FREIGHT TRANSPORTATION	
MS-ENSITE	4213	TRUCKING, EXCEPT LOCAL	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	488490	OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info S
IS CONTACT FOR	PO BOX 8367	JACKSON	MS	392848367	MS
IS CONTACT FOR	PO BOX 8367	JACKSON	MS	39204	MS
IS GENERAL PERMIT CONTACT FOR	PO BOX 10048	FORT SMITH	AR	729170048	MS
FACILITY MAILING ADDRESS	P.O. BOX 8367	JACKSON	MS	39204	RC
OWNER	P.O. BOX 48	FORT SMITH	AR	72902	RC
IS WATER PERMIT CONTACT FOR	PO BOX 8367	JACKSON	MS	392848367	MS
IS APPLICATION SIGNATORY FOR	PO BOX 10048	FORT SMITH	AR	729170048	MS
MAILING ADDRESS	PO BOX 10048	FORT SMITH	AR	729170048	MS

Alternative Names

Alternative Name	Source of Data
ARKANSAS BEST FREIGHT SYSTEM, INC.	MS-ENSITE
ARKANAS BEST FREIGHT SYSTEM INC	MS STATE MASTER FILE

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	ARKANSAS BEST CORP.		RCRAINFO	View

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
IS WATER PERMIT CONTACT FOR	LEROY MORRIS	(601) 372-0125	MS-ENSITE	
IS CONTACT FOR	ARVIS MOORE	(601) 372-0125	MS-ENSITE	

IS CONTACT FOR	LEROY MORRIS	(601) 372-0125	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	WALTER ECHOLS	(501) 785-8639	MS-ENSITE	
IS GENERAL PERMIT CONTACT FOR	WALTER ECHOLS	(501) 785-8639	MS-ENSITE	

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

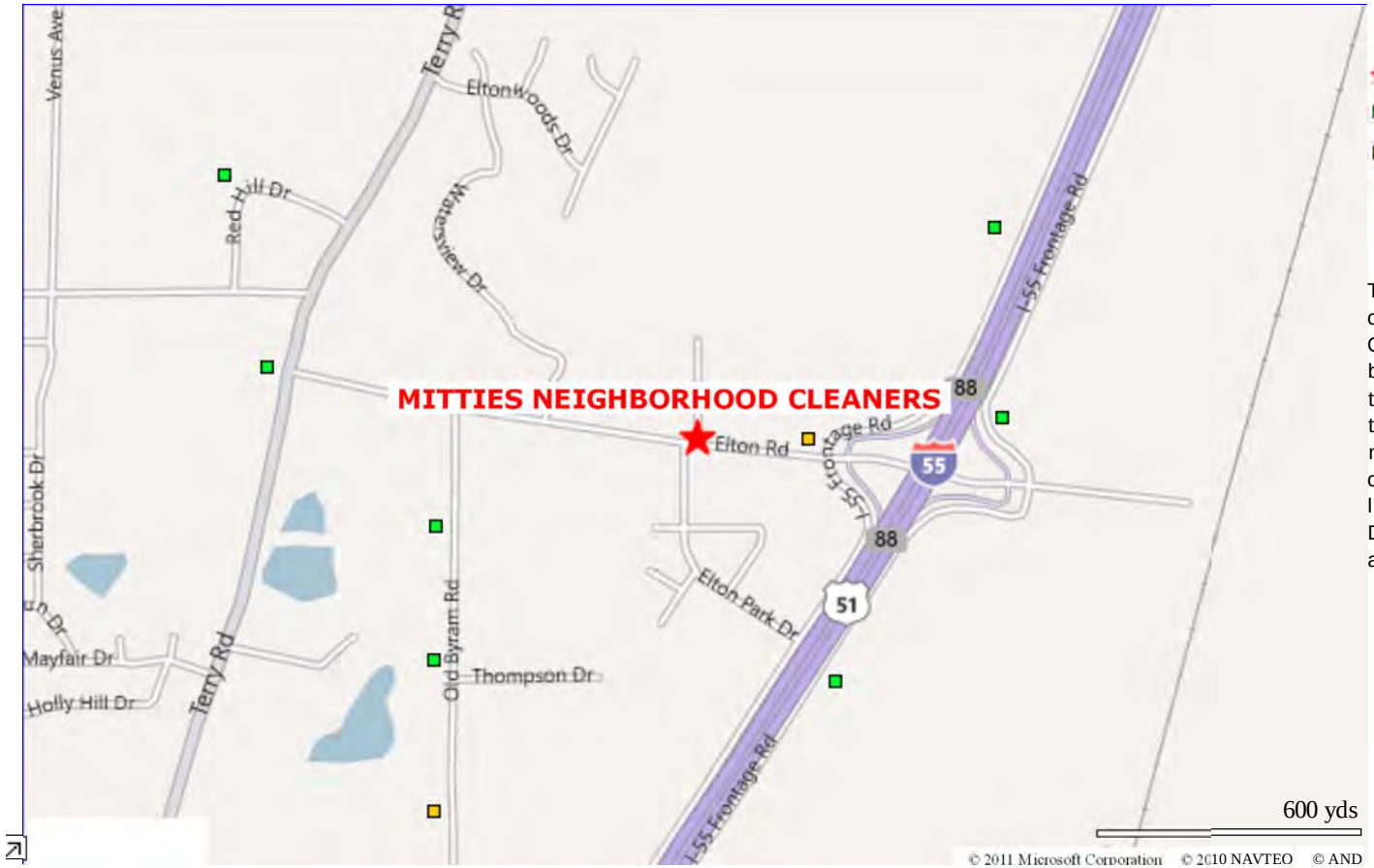
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

MITTIES NEIGHBORHOOD CLEANERS

339 ELTON ROAD
JACKSON, MS 39212-5606
EPA Registry Id: 110002220757



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	5235	STATE MASTER	MS-ENSITE		**ENSITE**-MSR000004 CESQG
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSR000004937	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	01/16/2007	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	007334530
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
MAILING ADDRESS	339 ELTON ROAD	JACKSON	MS	39212	MS-
FACILITY MAILING ADDRESS	339 ELTON ROAD	JACKSON	MS	39212	RCI
OWNER	339 ELTON ROAD	JACKSON	MS	39212	RCI

Alternative Names

Alternative Name	Source of Data
MITTIES NEIGHBORHOOD CLEANSERS	MS-ENSITE

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	MITTIE RATCLIFF		RCRAINFO	View

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

MMC MATERIALS INC, JACKSON ELTON ROAD

123 EAST ELTON ROAD
JACKSON, MS 39212
EPA Registry Id: 110001472264

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
AIR FACILITY SYSTEM	2804900190	AIR MINOR (ACTIVE)	AIRS/AFS	12/01/2010	
EMISSION INVENTORY SYSTEM (EIS)	6802711	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	EIS		
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	5294	STATE MASTER	MS-ENSITE		**ENSITE**-MSG1101 NPDES STORMWAT **ENSITE**-28049001 AIR PROGRAM
NATIONAL EMISSIONS INVENTORY	NEIMS0490190	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
PERMIT COMPLIANCE SYSTEM	MSG110121	NPDES NON-MAJOR	NPDES PERMIT	08/19/2009	

Additional EPA Reports: **MyEnvironment** **Enforcement and Compliance** **Site Demographics** **Watershed Report**

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
FRS	3241	CEMENT, HYDRAULIC	
MS-ENSITE	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
NEI	3273	READY-MIXED CONCRETE	
AIRS/AFS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
PCS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
NEI	32732	READY-MIX CONCRETE MANUFACTURING
AIRS/AFS	327310	CEMENT MANUFACTURING.
FRS	327320	READY-MIX CONCRETE MANUFACTURING.
EIS	327310	CEMENT MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Int
FACILITY MAILING ADDRESS	PO BOX 2569	MADISON	MS	39130	A
IS GENERAL PERMIT CONTACT FOR	PO BOX 307	JACKSON	MS	39203	M
IS WATER PERMIT CONTACT FOR	PO BOX 2569	MADISON	MS	391302569	M
IS GENERAL PERMIT CONTACT FOR	PO BOX 307	JACKSON	MS	39205	M
IS APPLICATION SIGNATORY FOR	815 WEST FORTIFICATION STREET	JACKSON	MS	39203	M
MAILING ADDRESS	815 W FORTIFICATION ST	JACKSON	MS	39203	M
IS CONTACT FOR	PO BOX 307	JACKSON	MS	39205	M
IS CONTACT FOR	PO BOX 307	JACKSON	MS	39203	M
PRIMARY MAILING ADDRESS	JACKSON ELTON ROAD	JACKSON	MS	39205	

Alternative Names

Alternative Name	Source of Data
MISSISSIPPI MATERIALS COMPANY	AIRS/AFS
HINDS COUNTY	NPDES PERMIT
MMC MATERIALS INC	NPDES PERMIT
MASTER MIX CONCRETE MATERIALS	NPDES PERMIT

Organizations

No Organizations returned.

IS APPLICATION SIGNATORY FOR	PO BOX 307	JACKSON	MS	39203	M
IS COGNIZANT OFFICIAL FOR	PO BOX 2569	MADISON	MS	391302569	M
IS APPLICATION SIGNATORY FOR	PO BOX 2569	MADISON	MS	391302569	M
IS CONTACT FOR	PO BOX 2569	MADISON	MS	391302569	M

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
IS CONTACT FOR	FRANK GRIFFIN	(601) 352-2550	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	JOHN M PEPPER	(601) 898-4023	MS-ENSITE	
COGNIZANT OFFICIAL	MR STANLEY MANGUM	6019732093	PCS	
IS GENERAL PERMIT CONTACT FOR	FRANK GRIFFIN	(601) 352-2550	MS-ENSITE	
IS COGNIZANT OFFICIAL FOR	JOHN M PEPPER	(601) 898-4023	MS-ENSITE	
IS CONTACT FOR	STANLEY MANGUM	(601) 973-2093	MS-ENSITE	
IS GENERAL PERMIT CONTACT FOR	STANLEY MANGUM	(601) 973-2093	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	ANDREW LESTER	(601) 973-2093	MS-ENSITE	
IS CONTACT FOR	JOHN M PEPPER	(601) 898-4023	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	FRANK GRIFFIN	(601) 352-2550	MS-ENSITE	
IS WATER PERMIT CONTACT FOR	JOHN M PEPPER	(601) 898-4023	MS-ENSITE	

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

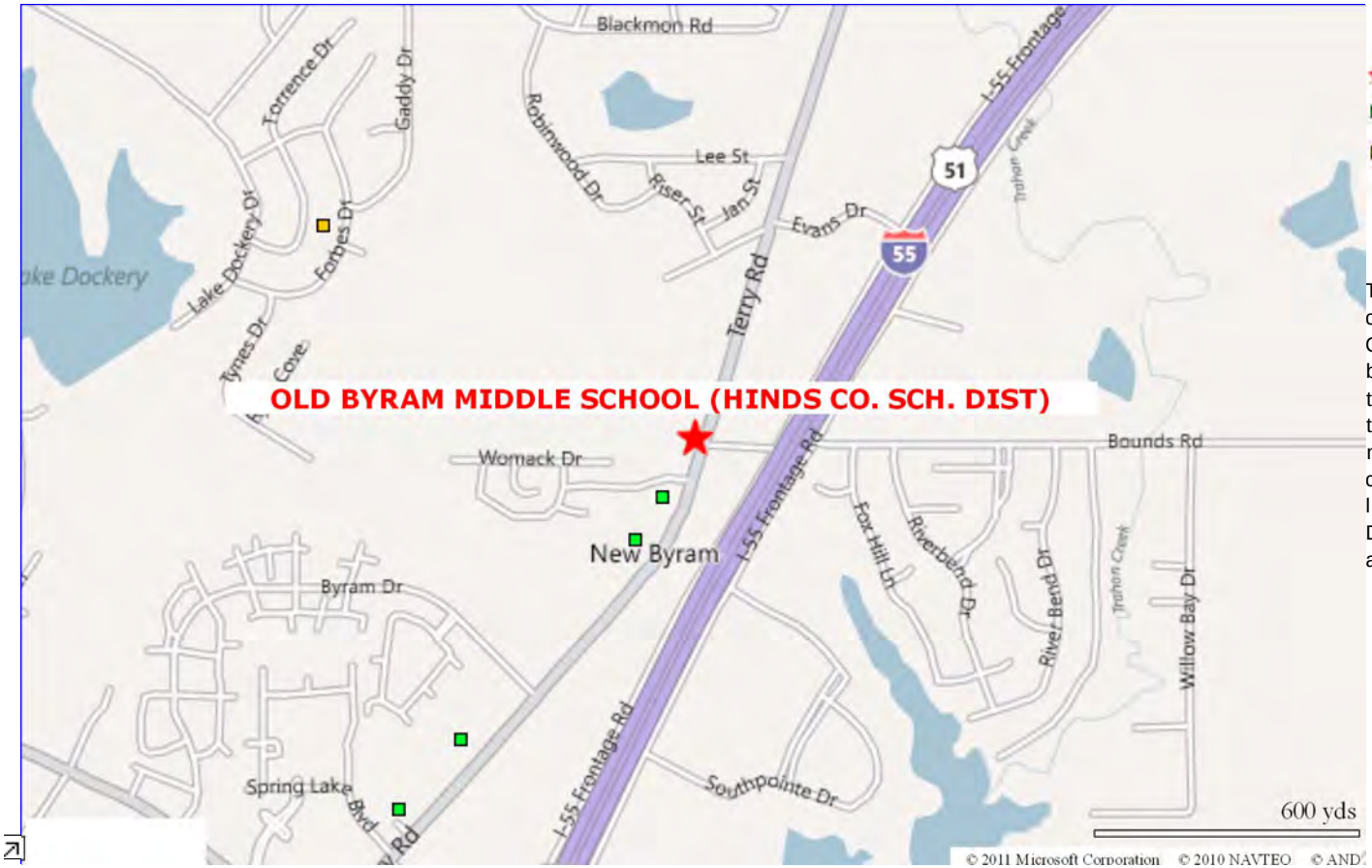
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

OLD BYRAM MIDDLE SCHOOL (HINDS CO. SCH. DIST)

5601 TERRY ROAD
BYRAM, MS 39272
EPA Registry Id: 110033192729



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environ Interests:
INTEGRATED COMPLIANCE INFORMATION SYSTEM	600039322	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	12/18/2007	

Additional EPA Reports: MyEnvironment Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
FRS	8211	ELEMENTARY AND SECONDARY SCHOOLS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
ICIS	611110	ELEMENTARY AND SECONDARY SCHOOLS.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

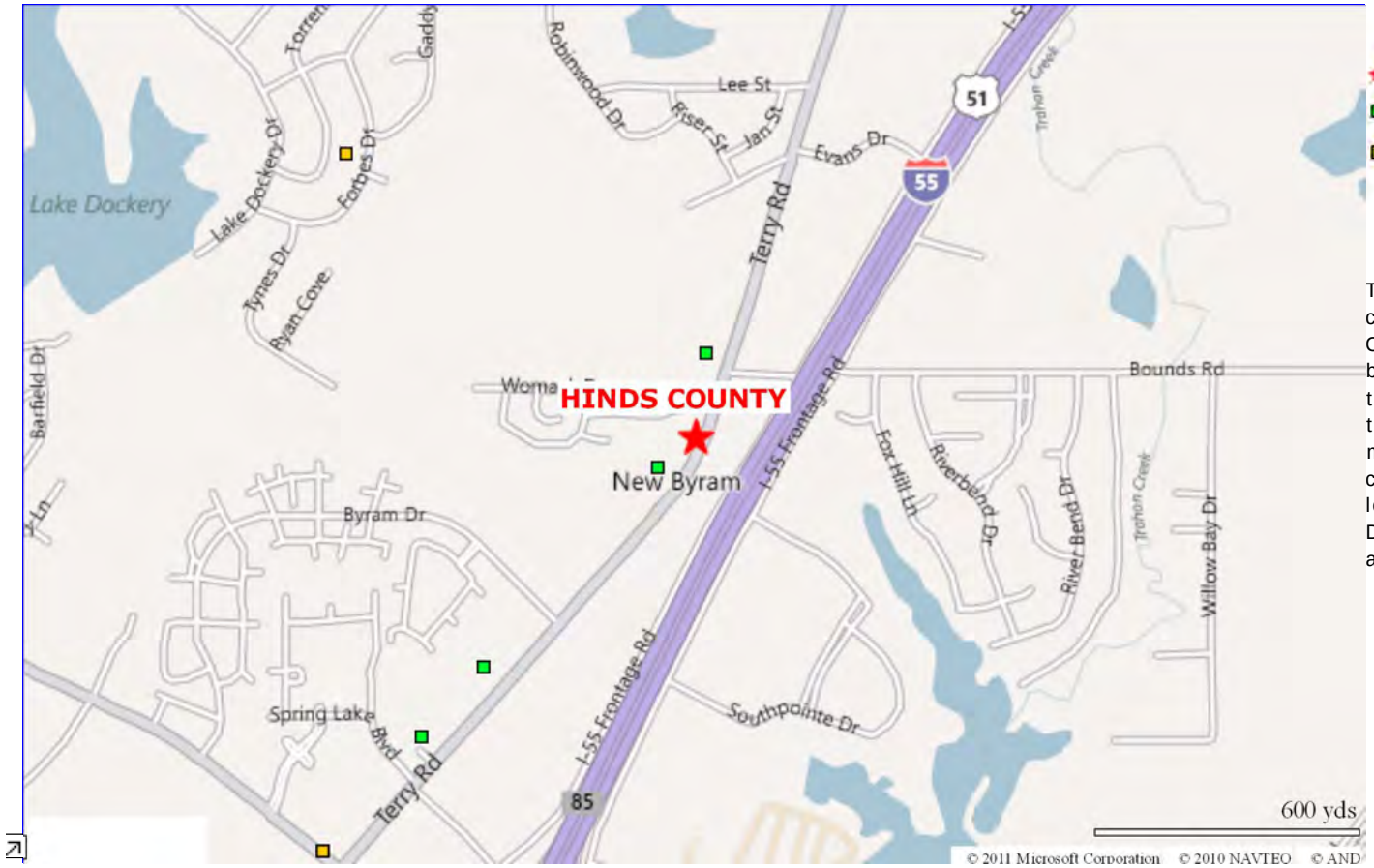
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HINDS COUNTY

5475 I-55 SOUTH
JACKSON, MS 39212
EPA Registry Id: 110009001800



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
PERMIT COMPLIANCE SYSTEM	MS0057711	NPDES NON-MAJOR	NPDES PERMIT	08/03/2009	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	9111	EXECUTIVE OFFICES	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	921110	EXECUTIVE OFFICES.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
PRIMARY MAILING ADDRESS	P O BOX 6840	JACKSON	MS	39282	

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
COGNIZANT OFFICIAL	MR JOHN FORTENBERRY	6013722014	PCS	

Alternative Names

Alternative Name	Source of Data
MCINNIS ELECTRIC CO	NPDES PERMIT

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

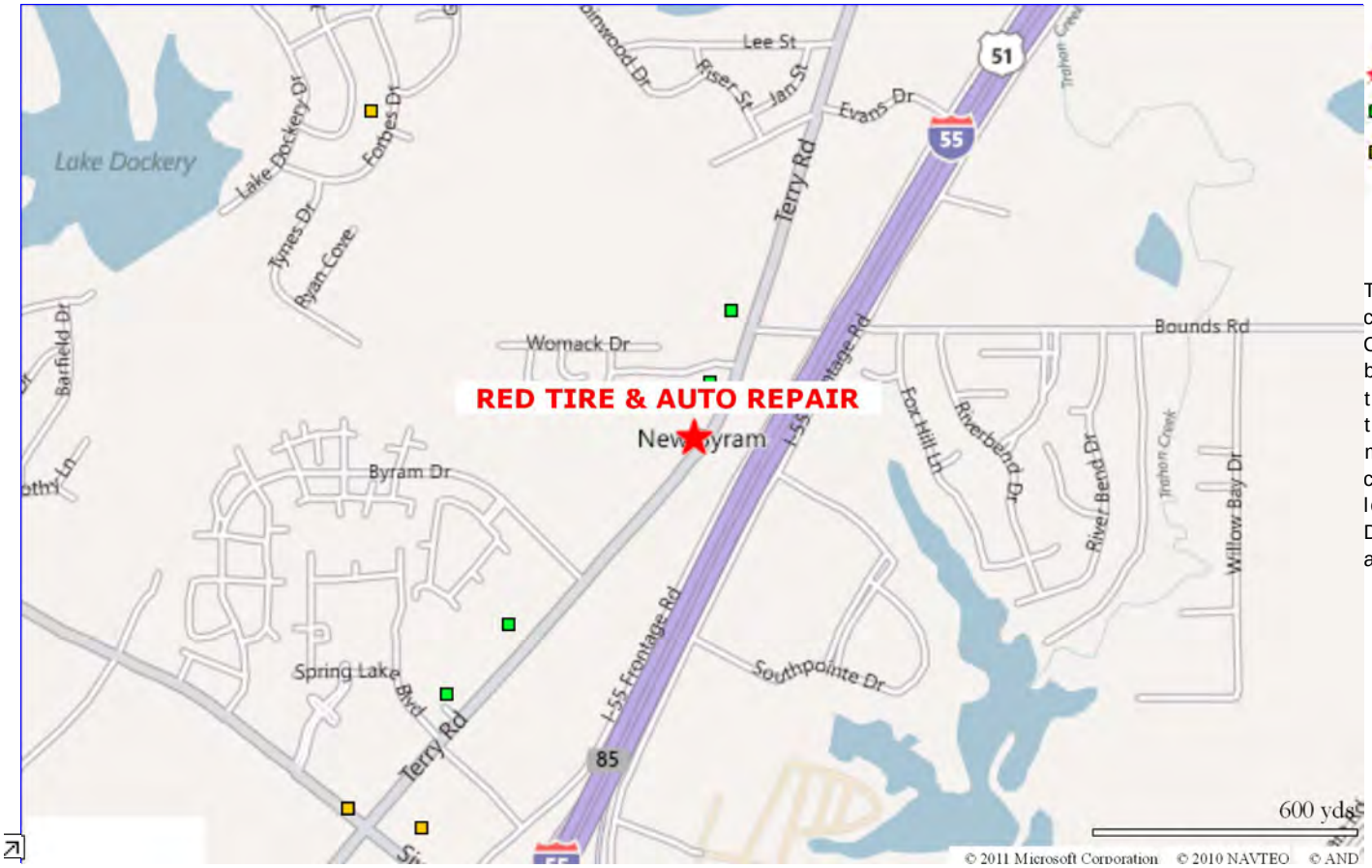
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

RED TIRE & AUTO REPAIR

5652 TERRY ROAD
BYRAM, MS 39272-9210
EPA Registry Id: 110001977512



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environn Interests:
INTEGRATED COMPLIANCE INFORMATION SYSTEM	24030	FORMAL ENFORCEMENT ACTION	ICIS	01/21/1999	**ICIS**-04-1999-0057 FORMAL ENFORCEMENT ACTI

Additional EPA Reports: MyEnvironment Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
ICIS	7538	GENERAL AUTOMOTIVE REPAIR SHOPS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	811111	GENERAL AUTOMOTIVE REPAIR.

Facility Codes and Flags

EPA Region:	04
Duns Number:	191812130
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

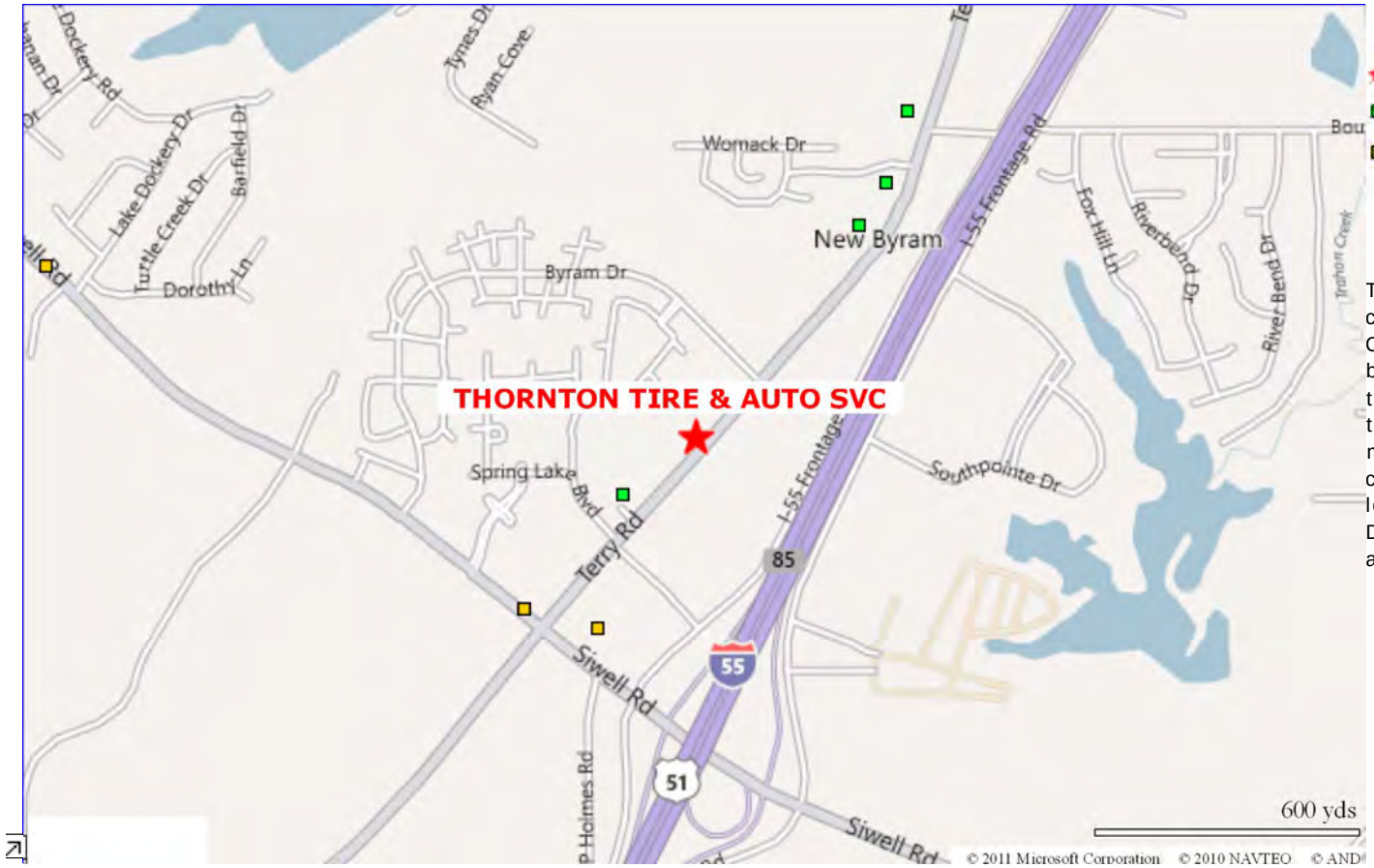
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

THORNTON TIRE & AUTO SVC

5724 TERRY ROAD
JACKSON, MS 39212
EPA Registry Id: 110010769864



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environm Interests:
AIR FACILITY SYSTEM	2877740129	AIR MINOR (ACTIVE)	AIRS/AFS	12/01/2010	
INTEGRATED COMPLIANCE INFORMATION SYSTEM	24145	FORMAL ENFORCEMENT ACTION	ICIS	01/25/1999	**ICIS**-04-1999-0070 FORMAL ENFORCEMENT ACTI

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
ICIS	7538	GENERAL AUTOMOTIVE REPAIR SHOPS	
AIRS/AFS	5014	TIRES AND TUBES	
AIRS/AFS	7530		

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	811111	GENERAL AUTOMOTIVE REPAIR.

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
FACILITY MAILING ADDRESS	5724 TERRY RD	JACKSON	MS		AIF

Facility Codes and Flags

EPA Region:	04
Duns Number:	052007143
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Contacts

No Contacts returned.

Alternative Names

Alternative Name	Source of Data
THORTON TIRE & AUTO SERVICE	AIRS/AFS

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

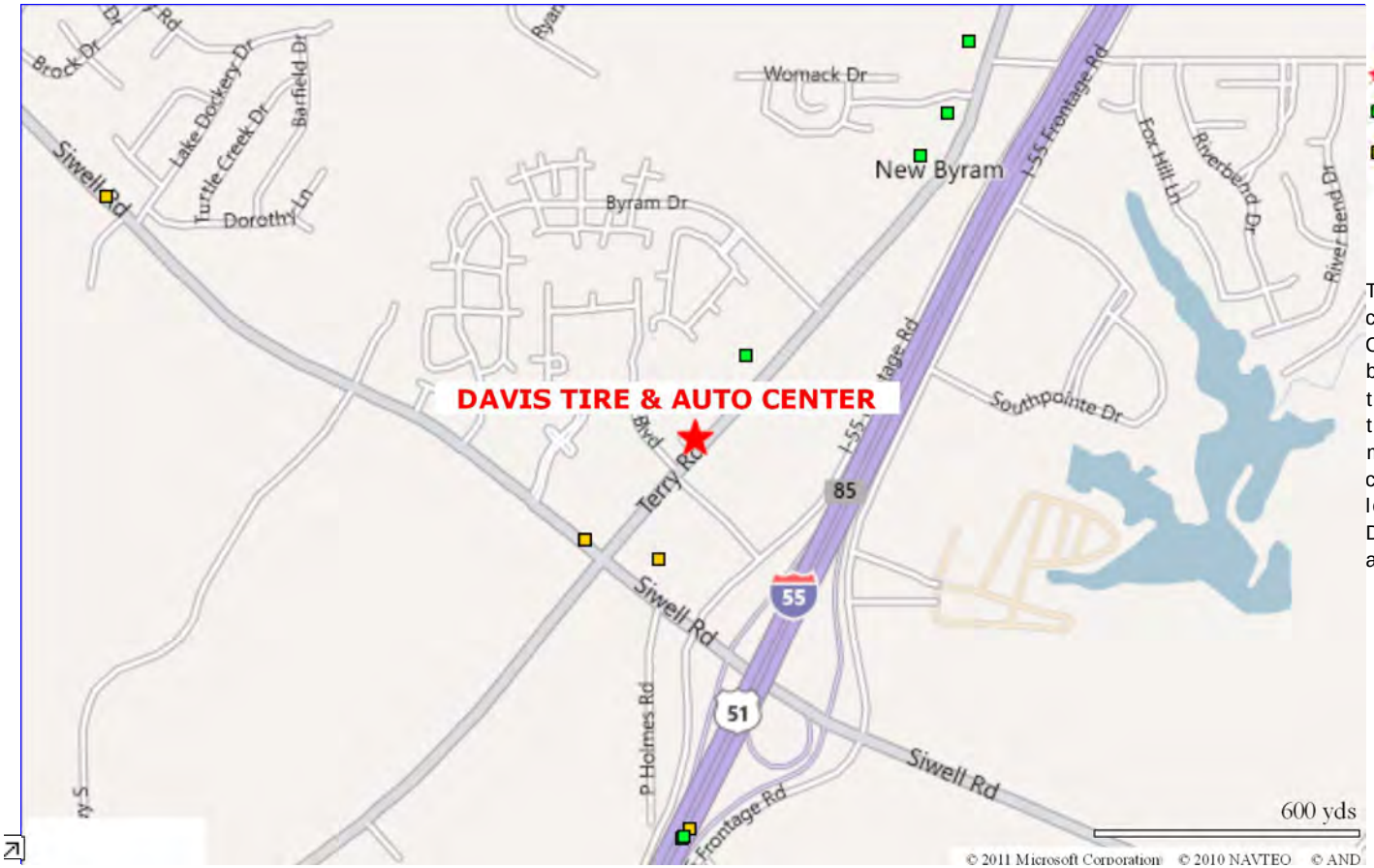
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

DAVIS TIRE & AUTO CENTER

5758 TERRY RD
JACKSON, MS 39272-9217
EPA Registry Id: 110007109672



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental In
AIR FACILITY SYSTEM	2877740127	AIR MINOR (ACTIVE)	AIRS/AFS	12/01/2010	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	9999	NONCLASSIFIABLE ESTABLISHMENTS	

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
FACILITY MAILING ADDRESS	5758 TERRY RD	JACKSON	MS		AIF

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HINDS COUNTY

5990 I-55 SOUTH
JACKSON, MS 39272-9786
EPA Registry Id: 110017755053

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
PERMIT COMPLIANCE SYSTEM	MS0059323	NPDES NON-MAJOR	NPDES PERMIT	07/28/2008	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	1542	GENERAL CONTRACTORS-NONRESIDENTIAL BUILDINGS, OTHER THAN INDUSTRIAL BUILDINGS AND WAREHOUSES	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	236220	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info S
PRIMARY MAILING ADDRESS	HEAVY DIVISION OFFICE	JACKSON	MS	39272	

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
COGNIZANT OFFICIAL	MR HAMP STERLING P E	6013711268	PCS	

Alternative Names

Alternative Name	Source of Data
W G YATES & SONS CONSTRUCTION	NPDES PERMIT

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

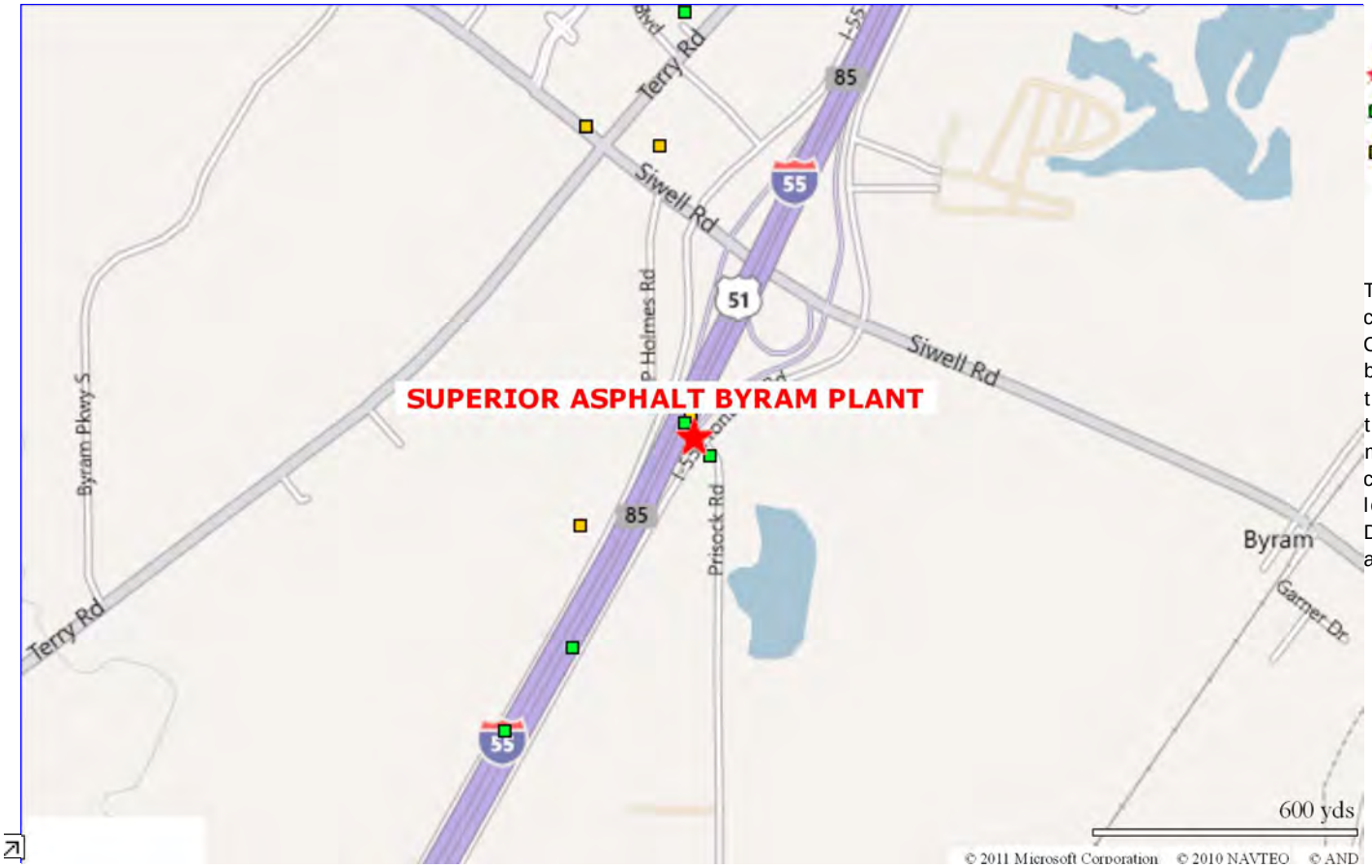
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

SUPERIOR ASPHALT BYRAM PLANT

6000 I-55 S
BYRAM, MS 39272-9779
EPA Registry Id: 110042000839



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental
TOXIC RELEASE INVENTORY SYSTEM	3927WSPRRS6I55S	TRI REPORTER	TRI REPORTING FORM	06/30/2011	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
FRS	2951	ASPHALT PAVING MIXTURES AND BLOCKS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
TRIS	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
FACILITY MAILING ADDRESS	6000 I-55 S	BYRAM	MS	39272	T

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Maili
PUBLIC CONTACT	HAMP STERLING	6013763000	TRIS	

Alternative Names

Alternative Name	Source of Data
SUPERIOR ASPHALT BYRAM PLANT	TRI REPORTING FORM

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER/OPERATOR		610327744	TRIS	
PARENT COMPANY	W. G. YATES & SONS CONSTRUCTION CO	004032132	TRIS	

Query executed on: JUL-29-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) EXIT EPA TOXMAP

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

SUPERIOR ASPHALT, INC. BYRAM PLANT

6000 I-55 SOUTH
JACKSON, MS 39272-9779
EPA Registry Id: 110017616579

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Enviro Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	MSR000101832	TRANSPORTER (ACTIVE)	RCRAINFO	04/06/2004	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
FRS	2951	ASPHALT PAVING MIXTURES AND BLOCKS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
RCRAINFO	324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
OWNER	P.O. BOX 720099	JACKSON	MS	39272	RCI
OPERATOR	P.O. BOX 720099	JACKSON	MS	39272	RCI
FACILITY MAILING ADDRESS	P.O. BOX 720099	JACKSON	MS	39272	RCI

Alternative Names

No Alternative Names returned.

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OPERATOR	SUPERIOR ASPHALT, INC		RCRAINFO	View
OWNER	SUPERIOR ASPHALT, INC		RCRAINFO	View

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

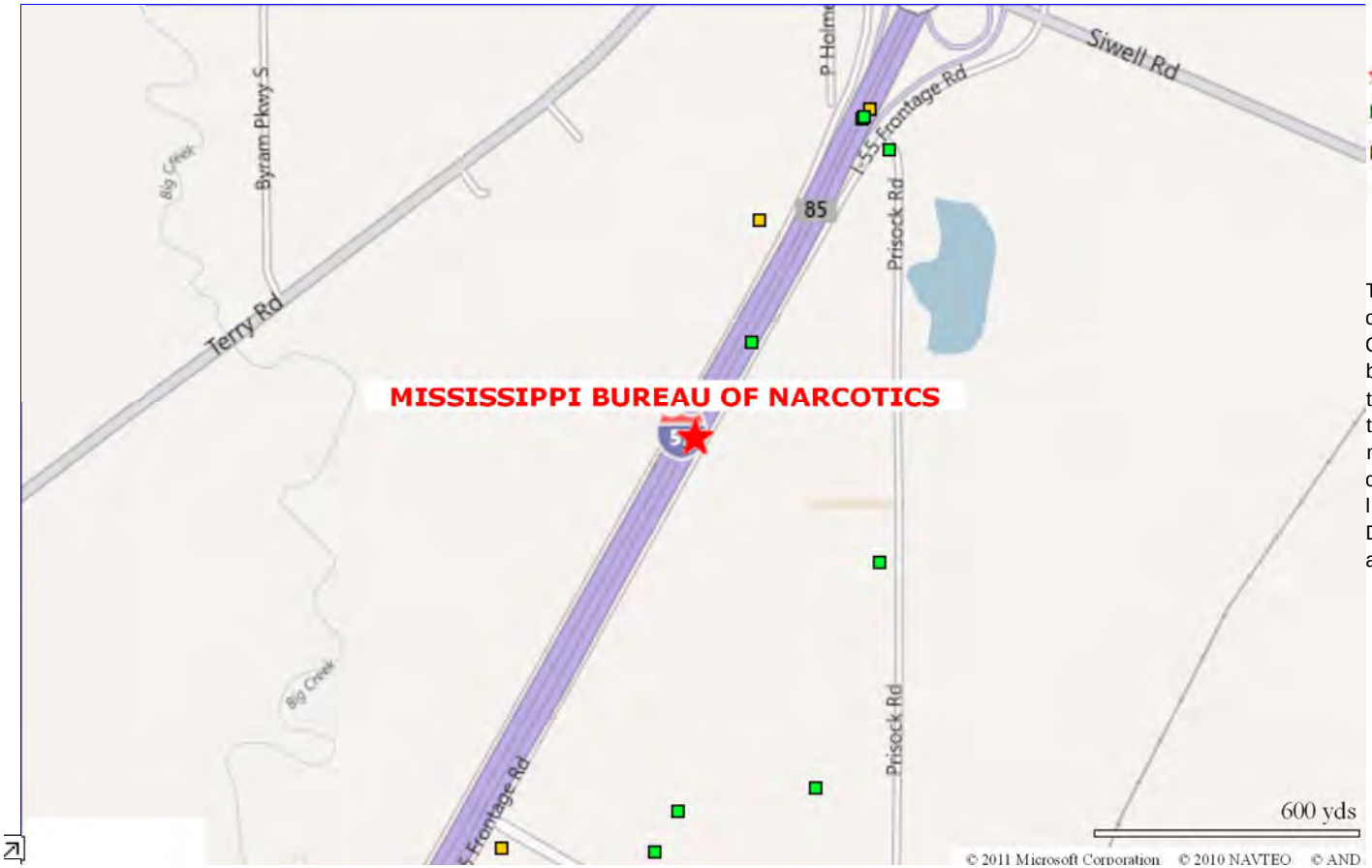
You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

MISSISSIPPI BUREAU OF NARCOTICS

6090 I 55 SOUTH FRONTAGE ROAD
BYRAM, MS 39272
EPA Registry Id: 110043218247



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental In
AIR FACILITY SYSTEM	2804900218	AIR MINOR (ACTIVE)	AIRS/AFS	12/17/2010	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
AIRS/AFS	9221	POLICE PROTECTION	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	922120	POLICE PROTECTION.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HANSON PIPE AND PRODUCTS, JACKSON SOUTH

6699 INTERSTATE 55 SOUTH
JACKSON, MS 392129784
EPA Registry Id: 110032824567

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
AIR FACILITY SYSTEM	2804900246	AIR SYNTHETIC MINOR (ACTIVE)	AIRS/AFS	12/01/2010	
EMISSION INVENTORY SYSTEM (EIS)	9457311	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	EIS		
INTEGRATED COMPLIANCE INFORMATION SYSTEM	7426069	FORMAL ENFORCEMENT ACTION	ICIS	09/27/2005	**ICIS**-04-2005-993 FORMAL ENFORCE ACTION
INTEGRATED COMPLIANCE INFORMATION SYSTEM	7426069	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	07/14/2005	**ICIS**-04-2005-993 FORMAL ENFORCE ACTION
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	4999	STATE MASTER	MS-ENSITE		**ENSITE**-MSG1102 NPDES STORMWAT
NATIONAL EMISSIONS INVENTORY	NEIMS04939272HPPJC66	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
PERMIT COMPLIANCE SYSTEM	MSG110271	NPDES NON-MAJOR	NPDES PERMIT	09/01/2009	
TOXIC RELEASE INVENTORY SYSTEM	39272HPPJC6699I	TRI REPORTER	TRIS	06/30/2009	

Additional EPA Reports: **MyEnvironment** **Enforcement and Compliance** **Site Demographics** **Watershed Report**

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
ICIS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
MS-ENSITE	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
FRS	3273	READY-MIXED CONCRETE	
AIRS/AFS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
FRS	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	
NEI	3272	CONCRETE PRODUCTS, EXCEPT BLOCK AND BRICK	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
EIS	32732	READY-MIX CONCRETE MANUFACTURING
AIRS/AFS	327320	READY-MIX CONCRETE MANUFACTURING.
NEI	327999	ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING.
TRIS	327390	OTHER CONCRETE PRODUCT MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	In
IS CONTACT FOR	6699 I-55 SOUTH	JACKSON	MS	39212	M
IS OWNER OF	6699 I-55 SOUTH	JACKSON	MS	39212	M
IS COGNIZANT OFFICIAL FOR	400 INDUSTRIAL PARK DRIVE	PELHAM	AL	35124	M
PRIMARY MAILING ADDRESS	JACKSON SOUTH	WEST MEMPHIS	AR	72301	
IS GENERAL PERMIT CONTACT FOR	PO BOX 16987	HATTIESBURG	MS	394046987	M

Alternative Names

Alternative Name	Source of Data
HPP JACKSON I55	TRIS
HANSON PIPE & PRODUCTS, INC.	ICIS
HANSON PIPE & PRODUCTS INC JACKSON I55	TRIS
HINDS	PCS
HANSON PIPE & PRODUCTS SOUTHEAST INC JACKSON I-55	TRI REPORTING FORM
CHOCTAW, INC.	MS-ENSITE

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER/OPERATOR	LEHIGH HANSON	051055945	TRIS	
PARENT COMPANY	LEHIGH HANSON	051055945	TRIS	

IS GENERAL PERMIT CONTACT FOR	4190 US HIGHWAY 17 SOUTH	GREEN COVE SPRINGS	FL	32043	M
IS APPLICATION SIGNATORY FOR	4190 US HIGHWAY 17 SOUTH	GREEN COVE SPRINGS	FL	32043	M
IS APPLICATION SIGNATORY FOR	PO BOX 16987	HATTIESBURG	MS	394046987	M
IS AIR PERMIT CONTACT FOR	4190 US HIGHWAY 17 SOUTH	GREEN COVE SPRINGS	FL	32043	M
IS CONTACT FOR	400 INDUSTRIAL PARK DRIVE	PELHAM	AL	35124	M
FACILITY MAILING ADDRESS	6699 I-55 S FRONTAGE RD	JACKSON	MS	39272	
IS CONTACT FOR	4190 US HIGHWAY 17 SOUTH	GREEN COVE SPRINGS	FL	32043	M
IS GENERAL PERMIT CONTACT FOR	6699 I-55 SOUTH	JACKSON	MS	39212	M
PRIMARY MAILING ADDRESS	JACKSON I-55	WEST MEMPHIS	AR	72301	
MAILING ADDRESS	4190 US HIGHWAY 17 SOUTH	GREEN COVE SPRINGS	FL	32043	M

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
IS GENERAL PERMIT CONTACT FOR	GREGORY M CARR	(601) 268-2081	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	JOAN B BLECHA	(904) 284-3213	MS-ENSITE	
PUBLIC CONTACT	BRIAN J BASS	2056218202	TRIS	
IS CONTACT FOR	BRIAN J BASS	(205) 664-7088	MS-ENSITE	
IS COGNIZANT OFFICIAL FOR	BRIAN J BASS	(205) 664-7088	MS-ENSITE	
IS GENERAL PERMIT CONTACT FOR	JOAN B BLECHA	(904) 284-3213	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	GREGORY M CARR	(601) 268-2081	MS-ENSITE	
IS APPLICATION SIGNATORY FOR	MARK CARPENTER	(904) 284-3213	MS-ENSITE	
IS CONTACT FOR	JOHN HARVEY	(601) 372-9710	MS-ENSITE	

IS CONTACT FOR	JOAN B BLECHA	(904) 284-3213	MS-ENSITE	
IS GENERAL PERMIT CONTACT FOR	ALTON NICHOLS	(601) 372-9710	MS-ENSITE	
COGNIZANT OFFICIAL	MR DON POWELL	6013729710	PCS	
IS AIR PERMIT CONTACT FOR	JOAN B BLECHA	(904) 284-3213	MS-ENSITE	
IS OWNER OF	JOHN HARVEY	(601) 372-9710	MS-ENSITE	

Query executed on: JUL-29-2011

Additional information for CERCLIS or TRI sites:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) EXIT EPA TOXMAP

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HINDS COUNTY

6685 I-55 FRONTAGE ROAD
BYRAM, MS 39272
EPA Registry Id: 110024586054

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
PERMIT COMPLIANCE SYSTEM	MSS060321	NPDES NON-MAJOR	NPDES PERMIT	02/07/2006	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	1442	CONSTRUCTION SAND AND GRAVEL	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	212321	CONSTRUCTION SAND AND GRAVEL MINING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info Sy
PRIMARY MAILING ADDRESS	SOUTH BYRAM PIT	BYRAM	MS	39272	

Contacts

Affiliation Type	Full Name	Office Phone	Information System	I A
COGNIZANT OFFICIAL	MR D L FORD	6013725492	PCS	

Alternative Names

Alternative Name	Source of Data
SOUTH BYRAM PROPERTIES, LLC	PCS

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

HINDS COUNTY

WEST FRONTAGE RD I-55
BYRAM, MS 39272
EPA Registry Id: 110011074443

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental I
PERMIT COMPLIANCE SYSTEM	MSG110032	NPDES NON-MAJOR	NPDES PERMIT	08/03/2009	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	3273	READY-MIXED CONCRETE	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	327320	READY-MIX CONCRETE MANUFACTURING.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Inf S
PRIMARY MAILING ADDRESS	JACKSON READY MIX CONCRETE #4	JACKSON	MS	39215	

Contacts

Affiliation Type	Full Name	Office Phone	Information System	
COGNIZANT OFFICIAL	MR LESTER R HOWELL JR	6012923933	PCS	

Alternative Names

Alternative Name	Source of Data
JACKSON READYMIX CONCRETE #4	NPDES PERMIT
DELTA INDUSTRIES INC	NPDES PERMIT

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

http://iaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
Last updated on Friday, July 29, 2011

Facility Registry System (FRS)

You are here: EPA Home Envirofacts FRS Report

Facility Detail Report

Report an Error

POOLE SUBDIVISION

8811 TERRY ROAD
TERRY, MS 39170-9221
EPA Registry Id: 110002307959

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Envi Interests
MISSISSIPPI - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS	13954	STATE MASTER	MS-ENSITE		**ENSITE**-MS0039845 NPDES PERMIT
PERMIT COMPLIANCE SYSTEM	MS0039845	NPDES NON-MAJOR	NPDES PERMIT	11/30/2007	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
PCS	6552	LAND SUBDIVIDERS AND DEVELOPERS, EXCEPT CEMETERIES	
MS-ENSITE	6552	LAND SUBDIVIDERS AND DEVELOPERS, EXCEPT CEMETERIES	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description
FRS	237210	LAND SUBDIVISION.

Facility Codes and Flags

EPA Region:	04
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code / Watershed:	03180002 / MIDDLE PEARL-STRONG
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Info S
IS APPLICATION SIGNATORY FOR	8811 TERRY ROAD	TERRY	MS	391709221	MS
PRIMARY MAILING ADDRESS	8811 TERRY ROAD	TERRY	MS	391709210	
IS CONTACT FOR	8811 TERRY ROAD	TERRY	MS	391709221	MS
IS OWNER OF	8811 TERRY ROAD	TERRY	MS	391709221	MS
MAILING ADDRESS	8811 TERRY ROAD	TERRY	MS	391709221	MS
IS WATER PERMIT CONTACT FOR	8811 TERRY ROAD	TERRY	MS	391709221	MS

Alternative Names

Alternative Name	Source of Data
POOLE SUB DIVISION	NPDES PERMIT

Contacts

Affiliation Type	Full Name	Office Phone	Information System
IS APPLICATION SIGNATORY FOR	CHARLES W MCMASTER	(601) 878-5879	MS-ENSITE
IS WATER PERMIT CONTACT FOR	CHARLES W MCMASTER	(601) 878-5879	MS-ENSITE
IS OWNER OF	CHARLES W MCMASTER	(601) 878-5879	MS-ENSITE
IS CONTACT FOR	CHARLES W MCMASTER	(601) 878-5879	MS-ENSITE
COGNIZANT OFFICIAL	CHARLES W MCMASTER	6018785879	PCS

Organizations

No Organizations returned.

Query executed on: JUL-29-2011

Appendix H

Regulatory & Government Agency Correspondence

Florence & Hutcheson

CONSULTING ENGINEERS

August 1, 2011

Mr. David Lofton
Permits Section Chief
US Army Corps of Engineers- Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Lofton:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please advise if you determine that a site visit to the proposed project site with the project team would be beneficial to your evaluation. Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Mr. Anthony Lobred, US Army Corps of Engineers – Vicksburg District
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Farmer, John

From: Farmer, John
Sent: Friday, September 09, 2011 9:42 AM
To: 'regulatory@usace.army.mil'
Subject: Proposed improvements to I-55 from Copiah County Line to McDowell Road; FMS 106023-IM-0055-02 (218); Hinds County, MS
Attachments: GeneralLocationMap.pdf; GeneralLocation3.pdf; Corps_Vicksburg.pdf

David Lofton
Permits Chief
US Army Corps of Engineers- Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435

Dear Mr. Lofton:

On behalf of the Mississippi Department of Transportation (MDOT) and the Federal Highway Administration (FHWA), we submitted a Letter of Interest (LOI) to your attention on August 1, 2011 concerning the proposed improvements to I-55 from the Copiah County Line to McDowell Road south of Jackson in Hinds County, MS.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. We requested that you provide information on your agency's relevant interests within the study area as we work toward the completion of an *Environmental Assessment (EA).*

In the case that you are not in receipt of the LOI please find attached a copy of the letter and associated location maps for your use.

If we do not receive a written response to the LOI by September 19, 2011, we will consider that your agency has no comments or concerns prior to the availability of the *Draft Environmental Assessment.*

Sincerely,

John L. Farmer, PE, CPESC
Senior Environmental Engineer
Florence & Hutcheson - Consulting Engineers
410 New Salem Hwy, Suite 109
Murfreesboro, TN 37129
jfarmer@flohut.com
ph: 615-867-9400
fax: 615-904-2004
mobile: 615-478-8657
www.flohut.com

Farmer, John

From: Lobred, Anthony R MVK <Anthony.R.Lobred@usace.army.mil>
Sent: Tuesday, September 20, 2011 8:54 AM
To: Farmer, John
Cc: Wallace, Chad
Subject: RE: I-55 in Hinds County (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Thanks. We originally were asked by MDOT Environmental if there was a need for a site visit on this project. Hence the confusion on the project because I thought that there had already been a response on this project. It was just not a response back to your letter. Once I received something from the Reg-All email, I got back with you.
Sorry for the delay.

Anthony R Lobred
Biologist/Senior Environmental Specialist Regulatory Branch Vicksburg District Corps of Engineers
Phone: (601) 631-5470
Fax: (601) 631-5459
Cell: (601) 529-9222
In order to assist us in improving our service to you, please complete the survey found at
http://per2.nwp.usace.army.mil/survey.html

-----Original Message-----
From: Farmer, John [mailto:jfarmer@flohut.com]
Sent: Tuesday, September 20, 2011 8:49 AM
To: Lobred, Anthony R MVK
Cc: Wallace, Chad
Subject: RE: I-55 in Hinds County (UNCLASSIFIED)

Mr. Lobred:

Please find attached the original letter of interest that we forwarded to Mr.
Lofton at the District.

Thanks for your reply!

John L. Farmer, PE, CPESC
Senior Environmental Engineer
Florence & Hutcheson - Consulting Engineers 410 New Salem Hwy, Suite 109 Murfreesboro, TN 37129
jfarmer@flohut.com
ph: 615-867-9400
fax: 615-904-2004
mobile: 615-478-8657
www.flohut.com

-----Original Message-----

Farmer, John

From: Farmer, John
Sent: Tuesday, September 20, 2011 8:49 AM
To: 'Lobred, Anthony R MVK'
Cc: 'Wallace, Chad'
Subject: RE: I-55 in Hinds County (UNCLASSIFIED)
Attachments: Corps_VicksburgLOI.pdf

Mr. Lobred:

Please find attached the original letter of interest that we forwarded to Mr. Lofton at the District.

Thanks for your reply!

John L. Farmer, PE, CPESC
Senior Environmental Engineer
Florence & Hutcheson - Consulting Engineers
410 New Salem Hwy, Suite 109
Murfreesboro, TN 37129
jfarmer@flohut.com
ph: 615-867-9400
fax: 615-904-2004
mobile: 615-478-8657
www.flohut.com

-----Original Message-----
From: Lobred, Anthony R MVK [mailto:Anthony.R.Lobred@usace.army.mil]
Sent: Tuesday, September 20, 2011 8:39 AM
To: Wallace, Chad; Sandra Kilpatrick; Phillip Sanderson; gwill@mdah.state.ms.us
Cc: Thurman, Kim; Farmer, John; Lofton, David MVK
Subject: RE: I-55 in Hinds County (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Chad,

We did not receive this letter from Florence and Hutcheson (F&H) on this project but we did receive an email on it from Mr. Farmer of F&H yesterday.
Based upon the information that you and Ms. Kim Thurman relayed to me on Aug
1 and 2, 2011, the Corps does not see any concerns with this project nor do we see the need for a site visit. If the construction designs for this project go out of the existing ROW/median and impact further jurisdictional areas that are not located in those areas, please notify the Corps at your earliest convenience.

Respectfully,

Anthony R Lobred
Biologist/Senior Environmental Specialist Regulatory Branch Vicksburg District Corps of Engineers
Phone: (601) 631-5470

Fax: (601) 631-5459
Cell: (601) 529-9222
In order to assist us in improving our service to you, please complete the survey found at
http://per2.nwp.usace.army.mil/survey.html

-----Original Message-----
From: Wallace, Chad [mailto:rcwallace@mdot.state.ms.us]
Sent: Monday, August 01, 2011 1:16 PM
To: Lobred, Anthony R MVK; 'Sandra Kilpatrick'; Phillip Sanderson; Greg Williamson (gwill@mdah.state.ms.us)
Cc: Thurman, Kim; Farmer, John
Subject: I-55 in Hinds County

There should be a letter from Mr. John Farmer of Florence and Hutcheson coming soon in relation to the environmental assessment on the following project ...

I-55 from COPIAH COUNTY LINE to McDOWELL ROAD

FMS 106023 - IM-0055-02(218)

HINDS COUNTY

Please let us know if you have any questions or items of concern.

Thanks for your assistance,

chad

Mississippi Department

of Transportation

MDOT Logo B&W no text <http://www.gomdot.com/>

R. Chad Wallace

Location Engineer

Environmental Division - 87-01

Phone - 601-359-7920

Fax - 601-359-7355

Classification: UNCLASSIFIED
Caveats: NONE

Florence & Hutcheson

CONSULTING ENGINEERS

August 1, 2011

Mr. Stephen Ricks
Field Supervisor
US Fish & Wildlife Service
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Ricks:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please advise if you determine that a site visit to the proposed project site with the project team would be beneficial to your evaluation. Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Sandra Kilpatrick, US Fish & Wildlife Service
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, Mississippi 39213

August 18, 2011

Mr. John Farmer
Florence & Hutcheson
1989 Oak Tree Cove, Suite A
Hernando, Mississippi 38632

Dear Mr. Farmer:

The Fish and Wildlife Service (Service) has reviewed the information in your letter dated August 1, 2011, regarding the proposed improvements to I-55 from Copiah County line to McDowell Road in Hinds County in Mississippi. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

Based on the information you provided, the Service concludes that there are no federally listed threatened or endangered species or their critical habitat within the vicinity of the proposed project. No further consultation with this office is required unless there are changes in the scope or location of the proposed project.

If you have any questions, please contact Sandra Kilpatrick at our office, telephone: (601) 321-1135.

Sincerely,

for Stephen M. Ricks
Field Supervisor
MS Field Office

Florence & Hutcheson
CONSULTING ENGINEERS

September 1, 2011

Mr. Rogerick Thompson
District Conservationist
Natural Resource Conservation Service
US Department of Agriculture
322 New Market Drive
Jackson, MS 39209

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Thompson:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests under the Farmland Protection Policy Act (FPPA) as well as conservation programs under NRCS administration within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Florence & Hutcheson

CONSULTING ENGINEERS

August 1, 2011

Ms. Trudy Fisher
Executive Director
Mississippi Department of Environmental Quality
PO Box 2261
Jackson, MS 39225

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Ms. Fisher:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please advise if you determine that a site visit to the proposed project site with the project team would be beneficial to your evaluation. Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Ms. Trudy Fisher
Executive Director
Mississippi Department of Environmental Quality
PO Box 2261
Jackson, MS 39225

Dear Ms. Fisher:

On behalf of the Mississippi Department of Transportation (MDOT) and the Federal Highway Administration (FHWA), we submitted a Letter of Interest (LOI) to your attention on August 1, 2011 concerning the proposed improvements to I-55 from the Copiah County Line to McDowell Road south of Jackson in Hinds County, MS.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. We requested that you provide information on your agency's relevant interests within the study area as we work toward the completion of an *Environmental Assessment (EA).*

If we do not receive a written response to the LOI by September 19, 2011, we will consider that your agency has no comments or concerns prior to the availability of the *Draft Environmental Assessment.* We have provided the original letter below.

Sincerely,

John L. Farmer, PE, CPESC
Sr. Environmental Engineer
FLORENCE & HUTCHESON

Florence & Hutcheson

CONSULTING ENGINEERS

August 1, 2011

Dr. Sherry Surrette
Coordinator
Mississippi Natural Heritage Program
2148 Riverside Drive
Jackson, MS 39202-1353

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Dr. Surrette:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please advise if you determine that a site visit to the proposed project site with the project team would be beneficial to your evaluation. Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Mr. Andy Sanderson, Mississippi Natural Heritage Program
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Farmer, John

From: Farmer, John
Sent: Friday, September 09, 2011 9:49 AM
To: 'sherry.surrette@mmns.state.ms.us'
Subject: Proposed improvements to I-55 from Copiah County Line to McDowell Road; FMS 106023-IM-0055-02 (218); Hinds County, MS
Attachments: GeneralLocationMap.pdf; GeneralLocation3.pdf; MS_NatHeritage.pdf

Sherry Surrette, PhD
Coordinator
Mississippi Natural Heritage Program
2148 Riverside Drive
Jackson, MS 39202-1353

Dear Dr. Surrette:

On behalf of the Mississippi Department of Transportation (MDOT) and the Federal Highway Administration (FHWA), we submitted a Letter of Interest (LOI) to your attention on August 1, 2011 concerning the proposed improvements to I-55 from the Copiah County Line to McDowell Road south of Jackson in Hinds County, MS.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. We requested that you provide information on your agency's relevant interests within the study area as we work toward the completion of an *Environmental Assessment (EA).*

In the case that you are not in receipt of the LOI please find attached a copy of the letter and associated location maps for your use.

If we do not receive a written response to the LOI by September 19, 2011, we will consider that your agency has no comments or concerns prior to the availability of the *Draft Environmental Assessment*.

Sincerely,

John L. Farmer, PE, CPESC
Senior Environmental Engineer
Florence & Hutcheson - Consulting Engineers
410 New Salem Hwy, Suite 109
Murfreesboro, TN 37129
jfarmer@flohut.com
ph: 615-867-9400
fax: 615-904-2004
mobile: 615-478-8657
www.flohut.com

Farmer, John

From: Phillip Sanderson <Phillip.Sanderson@mmns.state.ms.us>
Sent: Friday, September 09, 2011 1:52 PM
To: Farmer, John
Cc: Sherry Surrette
Subject: RE: Proposed improvements to I-55 from Copiah County Line to McDowell Road; FMS 106023-IM-0055-02 (218); Hinds County, MS
Attachments: 8489.pdf

Mr. Farmer,

I apologize for the delay in getting this letter to you. I've attached a pdf our comment letter, which we accidentally mailed to the incorrect address on August 11, of this year. My apologies for this oversight. Please let us know if you need any further assistance and we look forward to working with you in the future.

Sincerely,

Andy Sanderson, Ecologist
Mississippi Natural Heritage Program
Mississippi Museum of Natural Science
Mississippi Department of Wildlife, Fisheries & Parks
2148 Riverside Drive
Jackson, MS 39202-1353
(601) 576-6049 [office]
(601) 354 -7227 [fax]

From: Sherry Surrette
Sent: Friday, September 09, 2011 10:38 AM
To: Joelle M. Carney; Phillip Sanderson
Subject: FW: Proposed improvements to I-55 from Copiah County Line to McDowell Road; FMS 106023-IM-0055-02 (218); Hinds County, MS

Do you know if we have responded to this yet?

From: Farmer, John [mailto:jfarmer@flohut.com]
Sent: Friday, September 09, 2011 9:50 AM
To: Sherry Surrette
Subject: Proposed improvements to I-55 from Copiah County Line to McDowell Road; FMS 106023-IM-0055-02 (218); Hinds County, MS

Sherry Surrette, PhD
Coordinator
Mississippi Natural Heritage Program
2148 Riverside Drive
Jackson, MS 39202-1353

Dear Dr. Surrette:

On behalf of the Mississippi Department of Transportation (MDOT) and the Federal Highway Administration (FHWA), we submitted a Letter of Interest (LOI) to your attention on August 1, 2011 concerning the proposed improvements to I-55 from the Copiah County Line to McDowell Road south of Jackson in Hinds County, MS.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. We requested that you provide information on your agency's relevant interests within the study area as we work toward the completion of an *Environmental Assessment (EA).*

In the case that you are not in receipt of the LOI please find attached a copy of the letter and associated location maps for your use.

If we do not receive a written response to the LOI by September 19, 2011, we will consider that your agency has no comments or concerns prior to the availability of the *Draft Environmental Assessment*.

Sincerely,

John L. Farmer, PE, CPESC
Senior Environmental Engineer
Florence & Hutcheson - Consulting Engineers
410 New Salem Hwy, Suite 109
Murfreesboro, TN 37129
jfarmer@flohut.com
ph: 615-867-9400
fax: 615-904-2004
mobile: 615-478-8657
www.flohut.com

MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

Sam Polles, Ph.D.
Executive Director

August 11, 2011

Florence 7 Hutcheson
1989 Oak Tree Cove, Suite A
Hernando, MS 38632

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road Hinds County, Mississippi

R# 8489
FMS 106023-IM-0055-02(218)

To John Farmer:

In response to your request for information dated August 1, 2011, we have searched our database for occurrences of state or federally listed species and species of special concern that occur within 2 miles of the site of the proposed project. Please find our concerns and recommendations below.

The following species of concern may occur within 2 miles of the proposed project area:

SCIENTIFIC NAME	COMMON NAME	FED	STATE	STATE RANK
Uniomerus declivis	Tapered Pondhorn			S2
Truncilla truncata	Deertoe			S3
Lasmigona complanata	White Heelsplitter			S3
Obovaria unicolor	Alabama Hickorynut			S1

State Rank
S1 — Critically imperiled in Mississippi because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.
S2 — Imperiled in Mississippi because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.
S3 — Rare or uncommon in Mississippi (on the order of 21 to 100 occurrences).

State and Federal Status
LE Endangered — A species which is in danger of extinction throughout all or a significant portion of its range.
LT Threatened — A species likely to become endangered in foreseeable future throughout all or a significant portion of its range.

Based on information provided, we conclude that if best management practices are properly implemented, monitored, and maintained (particularly measures to prevent, or at least, minimize negative impacts to water quality), the proposed project likely poses no threat to listed species or their habitats.

Recommendations:

We recommend that best management practices be properly implemented, monitored, and maintained for compliance, specifically measures that will prevent suspended silt and contaminants from leaving the site in stormwater run-off as this may negatively affect water quality and habitat conditions within nearby streams and waterbodies.

In addition, portions of this project site are underlain by hydric soils and there will be multiple stream crossings. If this project is approved, we ask that serious consideration be given to the cumulative impacts of wetland/stream disturbance and elimination, and that appropriate in-kind mitigation be provided.

Please feel free to contact us if we can provide any additional information, resources, or assistance that will help minimize negative impacts to the species and/or ecological communities identified in this review. We are happy to work with you to ensure that our state's precious natural heritage is conserved and preserved for future Mississippians.

Sincerely,

Andy Sanderson, Ecologist
Mississippi Natural Heritage Program
(601) 354-7303

MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

Sam Polles, Ph.D.
Executive Director

****

INVOICE

****

RE: Proposed Improvements to I-55 from Copiah County Line to McDowell Road Hinds County, Mississippi

R# 8489

FMS 106023-IM-0055-02(218)

USER:

Florence 7 Hutcheson
1989 Oak Tree Cove, Suite A
Hernando, MS 38632

REMIT TO: **Mississippi Natural Heritage Program**
Museum of Natural Science
2148 Riverside Drive
Jackson, Mississippi 39202-1353

ITEM	QUADS	AMOUNT
Computer Search - $45.00/quad	3	$45.00
Expediting Review - $15.00/quad	0	$0.00
TOTAL:		**$135.00**

Florence & Hutcheson

CONSULTING ENGINEERS

August 1, 2011

Mr. Henry T. Holmes, Jr.
Director
Mississippi Department of Archives and History
PO Box 571
Jackson, MS 39205-0571

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Holmes:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please advise if you determine that a site visit to the proposed project site with the project team would be beneficial to your evaluation. Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Mr. Greg Williamson, Mississippi Department of Archives and History
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

MISSISSIPPI DEPARTMENT *of* ARCHIVES AND HISTORY

MDAH

PO Box 571, Jackson, MS 39205-0571
601-576-6850 • Fax 601-576-6975
mdah.state.ms.us
H.T. Holmes, Director

August 22, 2011

Mr. John L. Farmer, PE
Florence & Hutcheson Consulting Engineers
1989 Oak Tree Cove, Suite A
Hernando, Mississippi 38632

RE: Preliminary Environmental Assessment for Proposed Improvements to I-55 from Copiah County Line to McDowell Road (FMS 106023-IM-0055-02(218)
MDAH Project Log #08-024-11, Hinds County

Dear Mr. Farmer:

We have reviewed your request for comment for the preliminary environmental assessment of the above referenced project, received August 3, 2011, in accordance with our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After review, it is our determination that the project may have an effect on cultural resources. As such, we ask that you evaluate the potential impact of the project to cultural resources and allow us to comment on any architectural and archaeological survey work performed in association with this project.

If you have any questions or concerns, please contact me at 601-576-6940.

Sincerely,

Greg Williamson
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

Florence & Hutcheson

CONSULTING ENGINEERS

August 1, 2011

Dr. Sam Polles
Executive Director
Mississippi Department of Wildlife, Fisheries & Parks
1505 Eastover Drive
Jackson, MS 39211-6374

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Dr. Polles:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Since federal monies will be utilized for the project, compliance with the National Environmental Policy Act (NEPA) of 1969 is required. F&H respectfully requests that you provide information on your agency's relevant interests within the study area as we initiate the work toward the completion of an Environmental Assessment (EA). Please advise if you determine that a site visit to the proposed project site with the project team would be beneficial to your evaluation. Please find attached maps of the proposed project location for your use in review of the project.

If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

Sam Polles, Ph.D.
Executive Director

August 11, 2011

Florence 7 Hutcheson
1989 Oak Tree Cove, Suite A
Hernando, MS 38632

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road Hinds County, Mississippi

R# 8489
FMS 106023-IM-0055-02(218)

To John Farmer:

In response to your request for information dated August 1, 2011, we have searched our database for occurrences of state or federally listed species and species of special concern that occur within 2 miles of the site of the proposed project. Please find our concerns and recommendations below.

The following species of concern may occur within 2 miles of the proposed project area:

SCIENTIFIC NAME	COMMON NAME	FED	STATE	STATE RANK
Uniomerus declivis	Tapered Pondhorn			S2
Truncilla truncata	Deertoe			S3
Lasmigona complanata	White Heelsplitter			S3
Obovaria unicolor	Alabama Hickorynut			S1

State Rank
S1 — Critically imperiled in Mississippi because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.
S2 — Imperiled in Mississippi because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.
S3 — Rare or uncommon in Mississippi (on the order of 21 to 100 occurrences).

State and Federal Status
LE Endangered — A species which is in danger of extinction throughout all or a significant portion of its range.
LT Threatened — A species likely to become endangered in foreseeable future throughout all or a significant portion of its range.

Based on information provided, we conclude that if best management practices are properly implemented, monitored, and maintained (particularly measures to prevent, or at least, minimize negative impacts to water quality), the proposed project likely poses no threat to listed species or their habitats.

Recommendations:

We recommend that best management practices be properly implemented, monitored, and maintained for compliance, specifically measures that will prevent suspended silt and contaminants from leaving the site in stormwater run-off as this may negatively affect water quality and habitat conditions within nearby streams and waterbodies.

In addition, portions of this project site are underlain by hydric soils and there will be multiple stream crossings. If this project is approved, we ask that serious consideration be given to the cumulative impacts of wetland/stream disturbance and elimination, and that appropriate in-kind mitigation be provided.

Please feel free to contact us if we can provide any additional information, resources, or assistance that will help minimize negative impacts to the species and/or ecological communities identified in this review. We are happy to work with you to ensure that our state's precious natural heritage is conserved and preserved for future Mississippians.

Sincerely,

Andy Sanderson, Ecologist
Mississippi Natural Heritage Program
(601) 354-7303

Florence & Hutcheson
CONSULTING ENGINEERS

September 9, 2011

The Honorable Roderick T. Nicholson
Mayor, Town of Terry
PO Box 327
Terry, MS 39170

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Mayor Nicholson:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Please find attached maps of the proposed project location for your use in review of the project. If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Farmer, John

From: Roderick Nicholson <terrymayor@bellsouth.net>
Sent: Monday, September 12, 2011 12:24 PM
To: R Chad Wallace
Cc: Farmer, John; Michael B. Arnemann
Subject: FMS 106023-IM-0055-02(218) - Hinds County, MS

Mr. Wallace:

This e-mail is in response to correspondence from Florence & Hutcheson consultants with regard to the above project. I wanted to clarify a couple of points from the letter:

1. Although the total project limits would be I-55 from the Hinds/Copiah County line going north to the McDowell Road exit, it was my understanding that that portion that would have the additional lane in each direction would be the Terry exit (Exit #78) going to the northern limit of the project (McDowell Road). Your correspondence indicated to "Terry Road". Exit 78 is actually Cunningham Avenue (east of I-55) and Green Gable Road (west of I-55)
2. Will any consideration be given to upgrade the frontage roads south of Exit 78? The reason that I ask this is that about a year ago, the Town asked that we re-vamp our truck route through Town to include travel along the west frontage road south of I-55. MDOT indicated that their analysis indicated that the pavement thickness on the frontage road was insufficient. The Town and Board of Aldermen would rather we re-route our truck route off of the main street (Cunningham Avenue). In 2010, we were fortunate enough to have received funds to overlay our main east-west street, and by taking the truck traffic off our main street would both protect our investment and improve vehicular safety.
3. Will the section of I-55 through the corporate limits of Terry (which include Exits 81, 78) include interstate lighting as part of this project?

Please provide a response at your convenience. Let me know if you have any questions. Thank you.

Roderick T. Nicholson

Mayor, Town of Terry

601-878-5521 Ext.4 (o)

601-878-9501(f)

Florence & Hutcheson
CONSULTING ENGINEERS

September 9, 2011

The Honorable Nick Tremonte
Mayor, City of Byram
PO Box 720222
Byram, MS 39272

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Mayor Tremonte:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Please find attached maps of the proposed project location for your use in review of the project. If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Florence & Hutcheson
CONSULTING ENGINEERS

September 9, 2011

The Honorable Harvey Johnson, Jr.
Mayor, City of Jackson
PO Box 17
Jackson, MS 39205-0017

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Mayor Johnson:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Please find attached maps of the proposed project location for your use in review of the project. If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Florence & Hutcheson
CONSULTING ENGINEERS

September 9, 2011

The Honorable George S. Smith
District 5 Supervisor
Hinds County, Mississippi
PO Box 686
Jackson, MS 39205-0686

Re: Proposed Improvements to I-55 from Copiah County Line to McDowell Road
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Smith:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line northward to McDowell Road in Hinds County, Mississippi. The project is positioned immediately south of Jackson, Mississippi and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve roadway conditions throughout the reach of the project and (2) construct additional lanes from Terry Road to McDowell Road to relieve congestion for this portion of the interstate system. MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given of potential impacts, future traffic volumes, constructability, and maintenance of traffic.

Please find attached maps of the proposed project location for your use in review of the project. If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

Florence & Hutcheson

CONSULTING ENGINEERS

September 28, 2011

Mr. Larry T. Smith, AICP
Planning Director
Central Mississippi Planning & Development District
PO Box 4935
Jackson, MS 39296-4935

Re: Proposed Improvements to I-55 from the Copiah County Line South of Terry, MS to McDowell Road in Jackson, MS
FMS 106023-IM-0055-02(218)
Hinds County, Mississippi

Dear Mr. Smith:

The Mississippi Department of Transportation (MDOT) is proposing improvements to Interstate 55 from the Copiah County Line south of Terry, MS northward to McDowell Road in Jackson, MS. The project is within Hinds County and is approximately 17 miles in length. MDOT is currently conducting preliminary engineering and environmental studies for the proposed project. Florence & Hutcheson (F&H) has been assigned to assist with these tasks.

The purpose of the project is to (1) improve the physical roadway conditions of I-55 throughout the reach of the project and (2) construct additional lanes on I-55 from the Green Gable Road/Cunningham Avenue interchange in Terry, MS to the McDowell Road interchange in Jackson, MS to relieve congestion for this portion of the interstate system.

MDOT does not anticipate the acquisition of right-of-way for this project. Consideration will be given to utilizing the existing alignment with necessary attention given to potential environmental impacts, future traffic volumes, constructability, and maintenance of traffic.

Please find attached maps of the proposed project location for your use in review of the project. If you have questions or concerns, please contact me at (615) 867-9400 or Mr. Chad Wallace of the Mississippi Department of Transportation at (601) 359-7920. You may also email your concerns to me at jfarmer@flohut.com or Mr. Wallace at rcwallace@mdot.state.ms.us.

Sincerely,

FLORENCE & HUTCHESON

John L. Farmer, PE, CPESC
Senior Environmental Engineer

Attachments

cc: Mr. Claiborne Barnwell, Federal Highway Administration
Ms. Kim Thurman, Mississippi Department of Transportation

1989 Oak Tree Cove, Suite A • Hernando, MS 38632 • 662.449.1339 • fax 662.449.1323
email: fhhernando@flohut.com

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

May 17, 2012

Ms. Kim D. Thurman
Environmental Division Administrator
Mississippi Department of Transportation
P. O. Box 1850
Jackson, MS 39215-1850

RE: EPA Comments on the Draft Environmental Assessment (Draft EA) for Interstate 55 From the Copiah County Line South of Terry, MS to McDowell Road in Jackson, MS Project Number: IM-0055-02 (218)

Dear Ms. Thurman:

The U.S. Environmental Protection Agency (EPA) has reviewed the subject draft Environmental Assessment (EA) pursuant to the National Environmental Policy Act (NEPA) and Section 309 of the Clean Air Act. The purpose of this letter is to provide you with EPA's comments regarding potential impacts of the proposed project.

The Mississippi Department of Transportation (MDOT) proposes to improve Interstate 55 from Copiah County Line south of Terry, MS to McDowell Road in Jackson, MS. The proposed project would involve: (1) replacing pavement from Copiah County Line south of Terry, MS to McDowell Road in Jackson, MS (17.1 miles); (2) adding one lane in each direction from Terry, MS (Green Gable Road, Cunningham Avenue) to Byram, MS (S. Siwell Rd.) for 6.3 miles; and (3) adding one lane in each direction from Byram, MS (S. Siwell Rd.) to Jackson, MS (McDowell Rd.) for 6.6 miles. All improvements are proposed within the existing interstate and frontage roads rights-of-way.

The purpose of the project is to improve the physical roadway conditions of I-55 from the Copiah County Line south of Terry, MS to McDowell Road in Jackson, MS within Hinds County and provide additional capacity for I-55 from Green Gable Road/Cunningham Avenue in order to relieve congestion of the interstate system and provide fluid and safe traffic control during the pavement replacement.

The alternatives considered include a No-Build Alternative (Alternative A) and two Build Alternatives (B and C). According to the Draft EA, Alternative A does not satisfy the purpose and need of the project. Of the two build alternatives, Alternative B involves additional property outside of MDOT's existing right-of-way while Alternative C utilizes MDOT's existing right-of-way. EPA notes that the Draft EA identifies Alternative C as the preferred alternative.

Based on the information provided in the Draft EA, EPA supports the selection of Alternative C as the environmentally preferable alternative. The preferred alternative does not

appear to represent a significant impact to human health and the environment since it constrains the project within the existing right-of-way. Constraining the project within MDOT's existing right-of-way minimizes the social, economic, and environmental impacts of the project while meeting the project purpose and need. In an effort to further reduce water resource and noise impacts, EPA is providing detailed comments for your consideration. Our detailed comments are enclosed.

We appreciate the opportunity to review and comment on the proposed action and look forward to reviewing the Final EA. If you have any questions about our comments, please contact Kenneth Dean at (404) 562-9378.

Sincerely,

Heinz J. Mueller, Chief
NEPA Program Office
Office of Policy and Management

Enclosure

EPA Review and Comments on
Draft Environmental Assessment (EA) for Interstate 55
From the Copiah County Line South of Terry, MS to McDowell Road in Jackson, MS
Project Number: IM-0055-02 (218)

Stream Impacts: According to the Draft EA, 10,255 linear feet of streams are expected to be impacted by the proposed project due to stream alterations. It appears that these stream alterations are associated with the construction of the additional lanes and widening of the mainline bridges and culverts. EPA recommends that the Final EA discuss the stream alterations that will occur. EPA further recommends that any stream impacts be compensated with stream mitigation.

Water Quality Impacts: Page 48 of the Draft EA states, "The only impaired stream within the Pearl River Basin and also in Hinds County is Lynch Creek ...." It should be clarified that Lynch Creek is the only impaired stream in Hinds County still requiring a TMDL. According to EPA's TMDL database, TMDLs have been established for Big Creek (MS159E), Rhodes Creek (MS161E), and Pearl River (MSUMPRLR1E), which are within the Pearl River Basin and also in Hinds County. These waterbodies are impaired, but they are not on the Section 303(d) List because TMDLs have been developed to address the impairments.

The Draft EA acknowledges "the recommended Sediment TMDL for waterbodies within the proposed project area." It should be specifically noted that sediment TMDLs exist for Big Creek (MS159E), Rhodes Creek (MS161E), and Pearl River (MSUMPRLR1E). The Draft EA generally discusses benefits of best management practices (BMPs) and measures to be implemented during the construction phase of the proposed project to minimize water quality impacts. EPA recommends that MDOT analyze and provide information in the Final EA regarding the potential sediment loading due to the proposed project and the estimated reductions in sediment loads that might result from the implementation of BMPs.

Noise Impacts: The Draft EA states that at 163 facilities, traffic noise impacts are expected to occur in the design year (2031) if the proposed project is constructed. Based on model results, noise barriers are likely feasible and reasonable for only two (Area E and Area G) of the seven noise sensitive areas. EPA understands that a noise barrier may be considered in Area F since the cost per benefit is only slightly more than the maximum allowable for "reasonableness". Since noise walls have been determined "not reasonable" for five of the seven noise sensitive areas, then other measures such as vegetative barriers and earthen berms should be considered to minimize impacts to sensitive receptors. EPA encourages MDOT to analyze the use of vegetative barriers and earthen berms and discuss their reasonableness and feasibility.

Appendix I

Summary of Public Outreach

From: Lobred, Anthony R MVK
To: Wodtke, Andrea R
Cc: Thurman, Kim
Subject: Re: [EXTERNAL] Hinds 55: MVK-2012-1100
Date: Monday, January 05, 2015 2:00:07 PM

Andrea,

The actual expiration date for all Nationwides is March 18, 2017. Please disregard the earlier expiration date.

If there are any questions/concerns, please don't hesitate to contact me.

Respectfully

Tony

Sent from my BlackBerry 10 smartphone.

From: Wodtke, Andrea R
Sent: Monday, January 5, 2015 1:56 PM
To: Lobred, Anthony R MVK
Cc: Thurman, Kim
Subject: [EXTERNAL] Hinds 55: MVK-2012-1100

Tony,

The subject authorization is for a NW23 permit noted as expiring 11-5-2014. Would this project fall under the authorizations with expiration dates that actually extend until March 2017?

Thank you!

Andrea
--

Andrea R. Wodtke
Environmental Scientist III

Mississippi Department of Transportation
Environmental Division (87-01)
P.O. Box 1850
Jackson, MS 39215-1850

P: 601.359.7922 C: 601.323.4699 F: 601.359.7355