

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-4



Description

View up-gradient

# SITE 2

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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



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



**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-5



Description

View up-gradient

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b> IM-0055-02 (218)/ 106023		<b>City/County/State:</b> Hinds County, Mississippi	
<b>Investigator(s):</b> John L. Farmer, PE, CPESC Florence & Hutcheson		<b>Lat:</b> 32.10863 <b>Long:</b> 90.29937	<b>Sample Location ID:</b> <del>CA-21</del> CA-6
<b>Applicant/Owner:</b> Miss DOT		<b>Date:</b> 08-04-2011	
<b>Reason for Survey:</b> Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
<b>River Basin/HUC Number:</b> 03180002 - Pearl River		<b>Tributary Name (if known):</b> <del>unnamed tributary to Rhodes Creek</del> HARRIS CREEK	
<b>Size of Watershed:</b> 1,267,299 acres		<b>Nearest TNW:</b> Pearl River	
<b>Size of Drainage Area:</b>			
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Perennial		
	<b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> Southeasterly to the Pearl River <b>Describe flow route to TNW:</b> <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> bridged		
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <b>Has there been heavy rain in the last 7 days? Yes</b> <input type="checkbox"/> cloud cover _____ (%) <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) <input checked="" type="checkbox"/> clear/ sunny      air temperature: <u>99</u> (°F)		
	<b>Comment:</b> July 27-28, 2011 (0.26")		
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b>		
	<input checked="" type="checkbox"/> Forest	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Other (Explain): I-55 and frontage road rights-of-way
	<input checked="" type="checkbox"/> Field/Pasture	<input type="checkbox"/> Industrial	
	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Residential	

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-6



Description

View up-gradient



**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-7

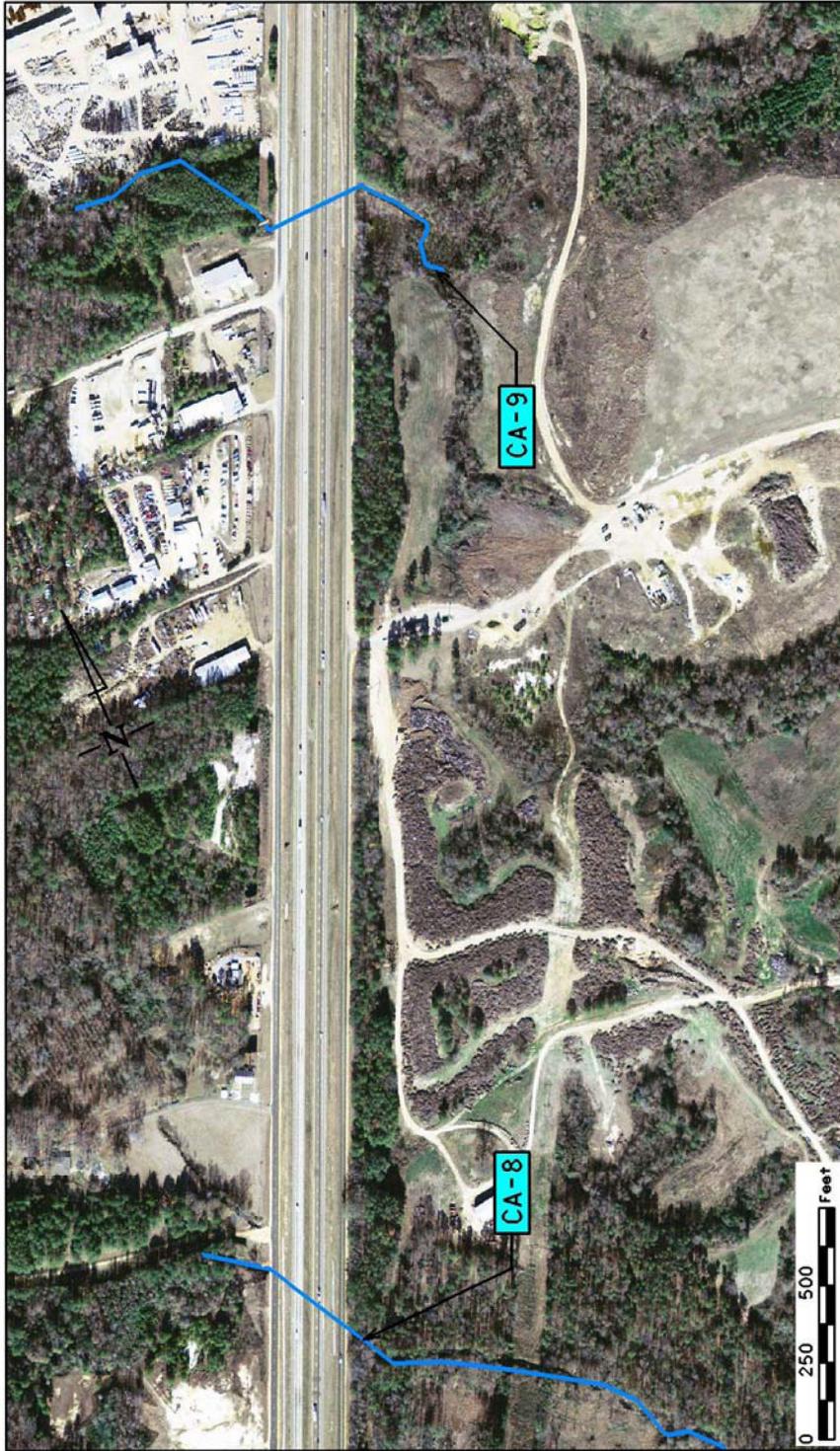


Description

View up-gradient

# SITE 3

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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



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

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b> IM-0055-02 (218)/ 106023		<b>City/County/State:</b> Hinds County, Mississippi	
<b>Investigator(s):</b> John L. Farmer, PE, CPESC Florence & Hutcheson		<b>Lat:</b> 32.14488 <b>Long:</b> 90.28088	<b>Sample Location ID:</b> <del>CA-19</del> CA-8
<b>Applicant/Owner:</b> Miss DOT		<b>Date:</b> 08-04-2011	
<b>Reason for Survey:</b> Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
<b>River Basin/HUC Number:</b> 03180002 - Pearl River		<b>Tributary Name (if known):</b>	
<b>Size of Watershed:</b> 1,267,299 acres		<b>Nearest TNW:</b> Pearl River	
<b>Size of Drainage Area:</b>			
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Perennial		
	<b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> <b>Describe flow route to TNW:</b> Southeasterly to the Pearl River <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> manipulated/piped under frontage road and I-55		
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <b>Has there been heavy rain in the last 7 days? Yes</b> <input type="checkbox"/> cloud cover _____ (%) <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) <input checked="" type="checkbox"/> clear/ sunny      air temperature: <u>99</u> (°F)		
	<b>Comment:</b> July 27-28, 2011 (0.26")		
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b>		
	<input checked="" type="checkbox"/> Forest	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Other (Explain): I-55 and frontage road rights-of-way
	<input checked="" type="checkbox"/> Field/Pasture	<input type="checkbox"/> Industrial	
	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Residential	

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-8



Description

View up-gradient



**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>TRIBUTARY FEATURES</b>	<p>Estimated reach length: <u>440</u> (ft.)</p> <p>Estimated channel width: <u>6</u> (ft.)</p> <p>Estimated channel depth: <u>6</u> (ft.)</p> <p>Estimated slope of banks:  vertical   2:1   3:1   4:1   greater  <input type="checkbox"/>   <input checked="" type="checkbox"/>   <input type="checkbox"/>   <input type="checkbox"/>   <input type="checkbox"/></p> <p>Substrate:  sand   cobble   silt   gravel  <input type="checkbox"/>   <input type="checkbox"/>   <input checked="" type="checkbox"/>   <input type="checkbox"/></p>
<b>TRIBUTARY CONDITION</b>	<p><b>Tributary has</b> (defined bed and banks / OHWM):  <b>Explain:</b> defined bed/banks</p> <p><b>Bank stability</b> (highly eroded, sloughing banks, etc):  <b>Explain:</b> eroding banks</p> <p><b>Riffle / Run / Pool complex:</b> Yes  <b>Explain:</b> pools</p>
<b>FLOW CONDITIONS</b>	<p><b>Tributary geometry</b> (relatively straight, meandering, other):  <b>Explain:</b> meandering</p> <p><b>Current flow is</b> (discrete, confined, overland sheet flow, etc):  <b>Explain:</b> confined</p> <p><b>Average flow events per year:</b> <u>int.</u></p>
<b>VEGETATION</b>	<p><b>Approximate width of riparian buffer:</b> <u>100</u> (ft.)</p> <p><b>Dominant species present</b> (top bank / buffer):</p> <p><b>Aquatic vegetation present:</b></p> <p><b>Comment:</b></p>

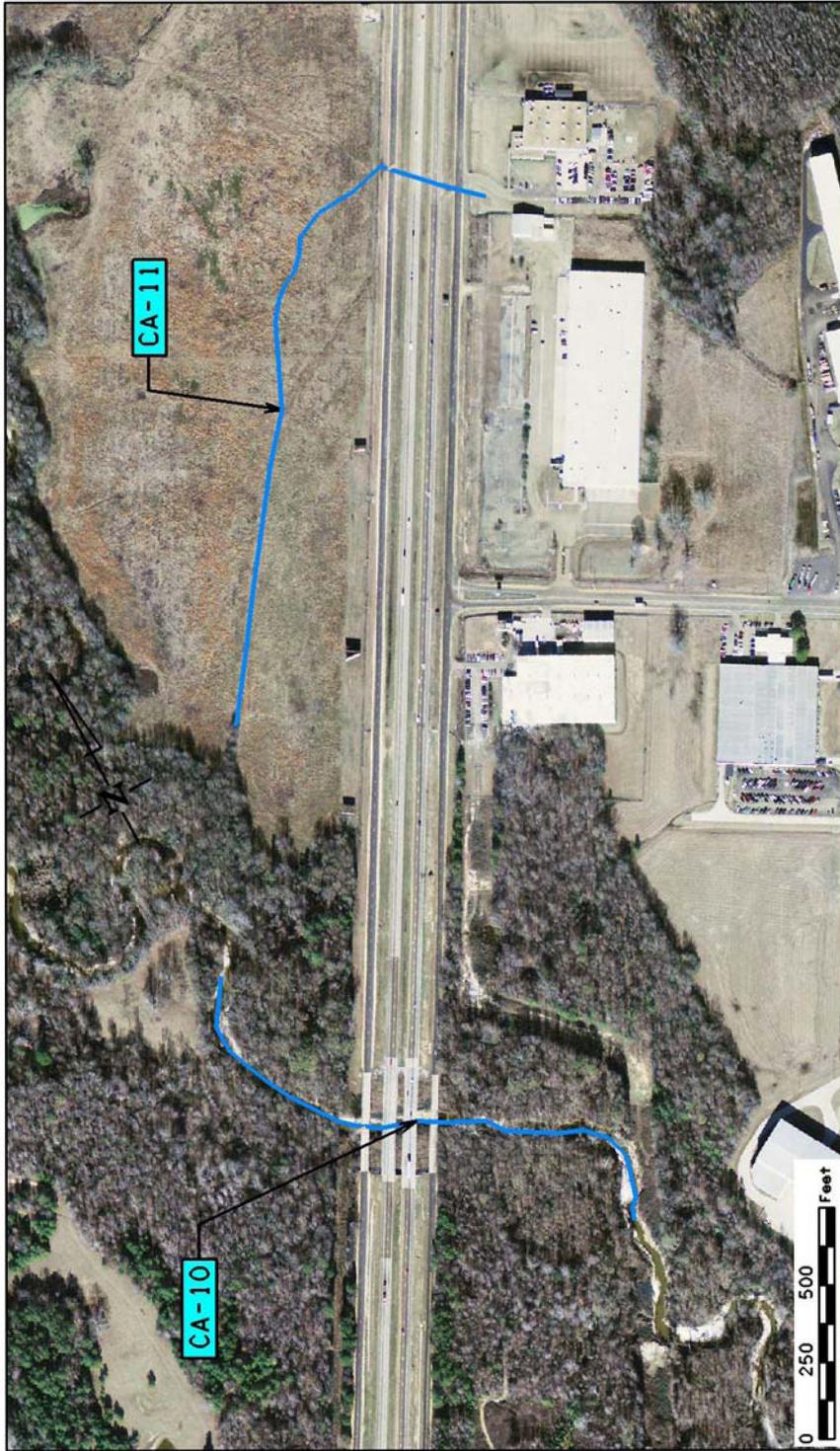
CA-9



Description | View up-gradient

# SITE 4

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CA-10 - Perennial, 345 feet  
 CA-11 - Intermittent, 340 feet

**LEGEND**

	Open Water
	Wetland - Forested
	Wetland - Shrub - Scrub
	Wetland - Emergent
	Other Waters In Project

**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

**I-55 from the Copiah County Line  
 to McDowell Road  
 Hinds County, Mississippi  
 Site 4**

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b>	IM-0055-02 (218)/ 106023	<b>City/County/State:</b>	Hinds County, Mississippi
<b>Investigator(s):</b>	John L. Farmer, PE, CPESC Florence & Hutcheson	<b>Lat:</b> 32.16398 <b>Long:</b> 90.27043	<b>Sample Location ID:</b> <del>CA-17</del> CA-10
<b>Applicant/Owner:</b>	Miss DOT	<b>Date:</b>	08-04-2011
<b>Reason for Survey:</b>	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
<b>River Basin/HUC Number:</b>	03180002 - Pearl River	<b>Tributary Name (if known):</b>	Big Creek
<b>Size of Watershed:</b>	1,267,299 acres	<b>Nearest TNW:</b>	Pearl River
<b>Size of Drainage Area:</b>			
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Perennial		
	<b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> <b>Describe flow route to TNW:</b> Southeasterly to the Pearl River <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> bridged		
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <b>Has there been heavy rain in the last 7 days? Yes</b> <input type="checkbox"/> showers (intermittent) <input type="checkbox"/> cloud cover _____ (%) <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) <input checked="" type="checkbox"/> clear/ sunny <b>air temperature:</b> <u>99</u> (°F)		
	<b>Comment:</b> July 27-28, 2011 (0.26")		
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b>		
	<input checked="" type="checkbox"/> Forest <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Other (Explain): <input type="checkbox"/> Field/Pasture <input type="checkbox"/> Industrial      1-55 and frontage road rights-of-way <input type="checkbox"/> Agricultural <input type="checkbox"/> Residential		

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-10



Description

View up-gradient

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b>	IM-0055-02 (218)/ 106023	<b>City/County/State:</b>	Hinds County, Mississippi	
<b>Investigator(s):</b>	John L. Farmer, PE, CPESC Florence & Hutcheson	<b>Lat:</b> 32.17140	<b>Sample Location ID:</b> <del>CA-16</del> CA-11	
<b>Applicant/Owner:</b>	Miss DOT	<b>Long:</b> 90.26543	<b>Date:</b> 08-04-2011	
<b>Reason for Survey:</b>	Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
<b>River Basin/HUC Number:</b>	03180002 - Pearl River	<b>Tributary Name (if known):</b>		
<b>Size of Watershed:</b>	1,267,299 acres	<b>Nearest TNW:</b> Pearl River		
<b>Size of Drainage Area:</b>				
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Perennial			
	<b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> <b>Describe flow route to TNW:</b> Southeasterly to the Pearl River <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> manipulated/piped under frontage road and I-55			
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <input type="checkbox"/> cloud cover _____ (%) <input checked="" type="checkbox"/> clear/ sunny air temperature: <u>99</u> (°F)			
	<b>Has there been heavy rain in the last 7 days?</b> Yes <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) <b>Comment:</b> July 27-28, 2011 (0.26")			
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b>			
	<input type="checkbox"/> Forest <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Other (Explain): <input checked="" type="checkbox"/> Field/Pasture <input type="checkbox"/> Industrial      1-55 and frontage road rights-of-way <input type="checkbox"/> Agricultural <input type="checkbox"/> Residential			

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-11

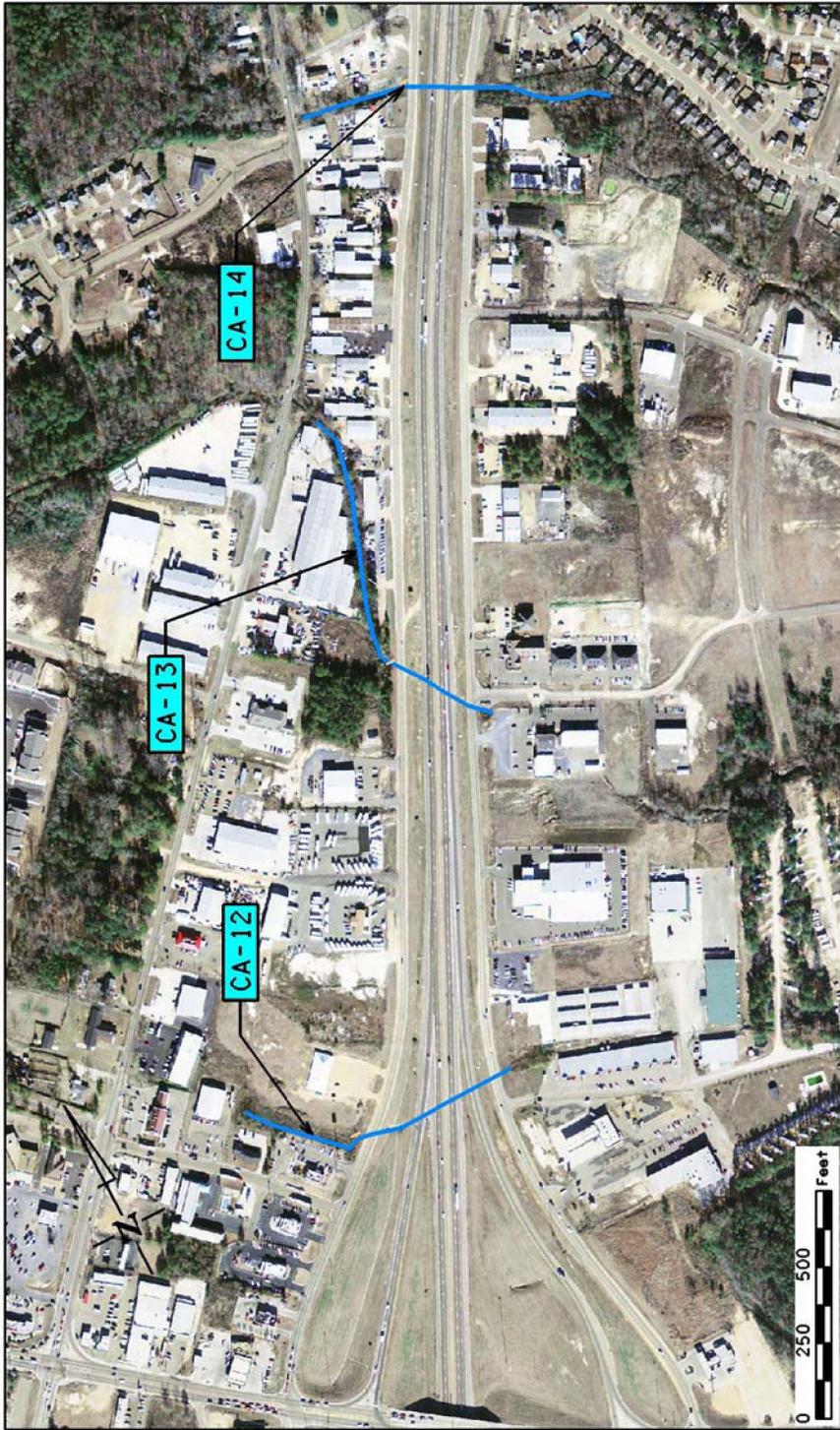


Description

View up-gradient

# SITE 5

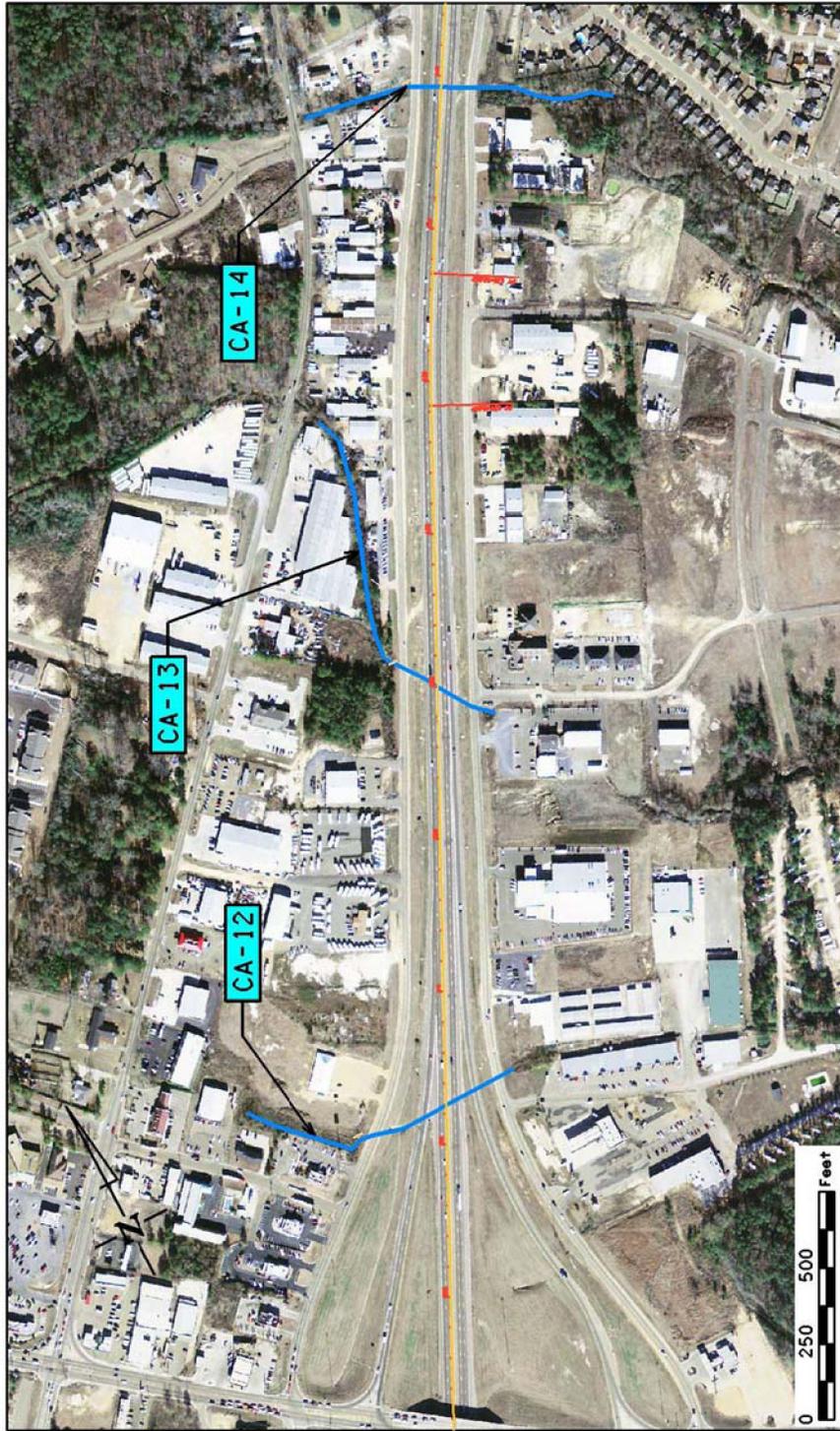
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I-55 from the Copiah County Line to McDowell Road  
 Hinds County, Mississippi  
 Site 5

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



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

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b> IM-0055-02 (218)/ 106023	<b>City/County/State:</b> Hinds County, Mississippi	
<b>Investigator(s):</b> John L. Farmer, PE, CPESC Florence & Hutcheson	<b>Lat:</b> 32.18670 <b>Long:</b> 90.25657	<b>Sample Location ID:</b> <del>CA-15</del> CA-12
<b>Applicant/Owner:</b> Miss DOT	<b>Date:</b> 08-05-2011	
<b>Reason for Survey:</b> Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)		
<b>River Basin/HUC Number:</b> 03180002 - Pearl River	<b>Tributary Name (if known):</b>	
<b>Size of Watershed:</b> 1,267,299 acres	<b>Nearest TNW:</b> Pearl River	
<b>Size of Drainage Area:</b>		
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Perennial  <b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River  <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> Southeasterly to the Pearl River  <b>Describe flow route to TNW:</b>  <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> manipulated/piped under frontage road and I-55	
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <input checked="" type="checkbox"/> cloud cover _____ (%) <b>Has there been heavy rain in the last 7 days? Yes</b> <input type="checkbox"/> clear/ sunny <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) air temperature: <u>97</u> (°F)  <b>Comment:</b> July 27-28, 2011 (0.26")	
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b> <input type="checkbox"/> Forest <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Other (Explain): <input type="checkbox"/> Field/Pasture <input type="checkbox"/> Industrial      I-55 and frontage road rights-of-way <input type="checkbox"/> Agricultural <input type="checkbox"/> Residential	

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-12



Description

View up-gradient

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b> IM-0055-02 (218)/ 106023		<b>City/County/State:</b> Hinds County, Mississippi	
<b>Investigator(s):</b> John L. Farmer, PE, CPESC Florence & Hutcheson		<b>Lat:</b> 32.19032 <b>Long:</b> 90.25390	<b>Sample Location ID:</b> <del>CA-14</del> CA-13
<b>Applicant/Owner:</b> Miss DOT		<b>Date:</b> 08-04-2011	
<b>Reason for Survey:</b> Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
<b>River Basin/HUC Number:</b> 03180002 - Pearl River		<b>Tributary Name (if known):</b>	
<b>Size of Watershed:</b> 1,267,299 acres		<b>Nearest TNW:</b> Pearl River	
<b>Size of Drainage Area:</b>			
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Perennial		
	<b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> <b>Describe flow route to TNW:</b> Southeasterly to the Pearl River <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> manipulated/piped under frontage road and I-55		
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <input type="checkbox"/> cloud cover _____ (%) <input checked="" type="checkbox"/> clear/ sunny air temperature: <u>99</u> (°F)		
	<b>Has there been heavy rain in the last 7 days?</b> Yes <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) <b>Comment:</b> July 27-28, 2011 (0.26")		
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b>		
	<input type="checkbox"/> Forest <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Other (Explain): <input type="checkbox"/> Field/Pasture <input type="checkbox"/> Industrial      I-55 and frontage road rights-of-way <input type="checkbox"/> Agricultural <input type="checkbox"/> Residential		

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-13



Description

View up-gradient

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

<b>Project:</b> IM-0055-02 (218)/ 106023		<b>City/County/State:</b> Hinds County, Mississippi	
<b>Investigator(s):</b> John L. Farmer, PE, CPESC Florence & Hutcheson		<b>Lat:</b> 32.19488 <b>Long:</b> 90.25090	<b>Sample Location ID:</b> <del>CA-13</del> CA-14
<b>Applicant/Owner:</b> Miss DOT		<b>Date:</b> 08-04-2011	
<b>Reason for Survey:</b> Potential jurisdictional resources within the proposed project - pavement replacement and additional lane construction from the Copiah County Line to McDowell Road (17.1 miles)			
<b>River Basin/HUC Number:</b> 03180002 - Pearl River		<b>Tributary Name (if known):</b>	
<b>Size of Watershed:</b> 1,267,299 acres		<b>Nearest TNW:</b> Pearl River	
<b>Size of Drainage Area:</b>			
<b>TRIBUTARY CHARACTERIZATION</b>	<b>Tributary subsystem:</b> <input type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input checked="" type="checkbox"/> Perennial		
	<b>Tributary flows directly into a TNW?</b> <b>Explain:</b> flows to Pearl River <b>Distance to nearest TNW:</b> River Miles: <u>1.04 avg.</u> Aerial Miles: <u>0.93 avg.</u> <b>Describe flow route to TNW:</b> Southeasterly to the Pearl River <b>Tributary is (natural / artificial / manipulated):</b> <b>Explain:</b> manipulated/piped under frontage road and I-55		
<b>WEATHER CONDITIONS</b>	<b>Current:</b> <input type="checkbox"/> rain (steady rain) <input type="checkbox"/> showers (intermittent) <input type="checkbox"/> cloud cover _____ (%) <input checked="" type="checkbox"/> clear/ sunny air temperature: <u>99</u> (°F)		
	<b>Has there been heavy rain in the last 7 days? Yes</b> <b>Average Rainfall:</b> <u>3.84 (July)</u> (in.) <b>Comment:</b> July 27-28, 2011 (0.26")		
<b>WATERSHED FEATURES</b>	<b>Predominant surrounding landuse:</b>		
	<input checked="" type="checkbox"/> Forest <input type="checkbox"/> Field/Pasture <input type="checkbox"/> Agricultural	<input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Other (Explain): I-55 and frontage road rights-of-way

**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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

CA-14

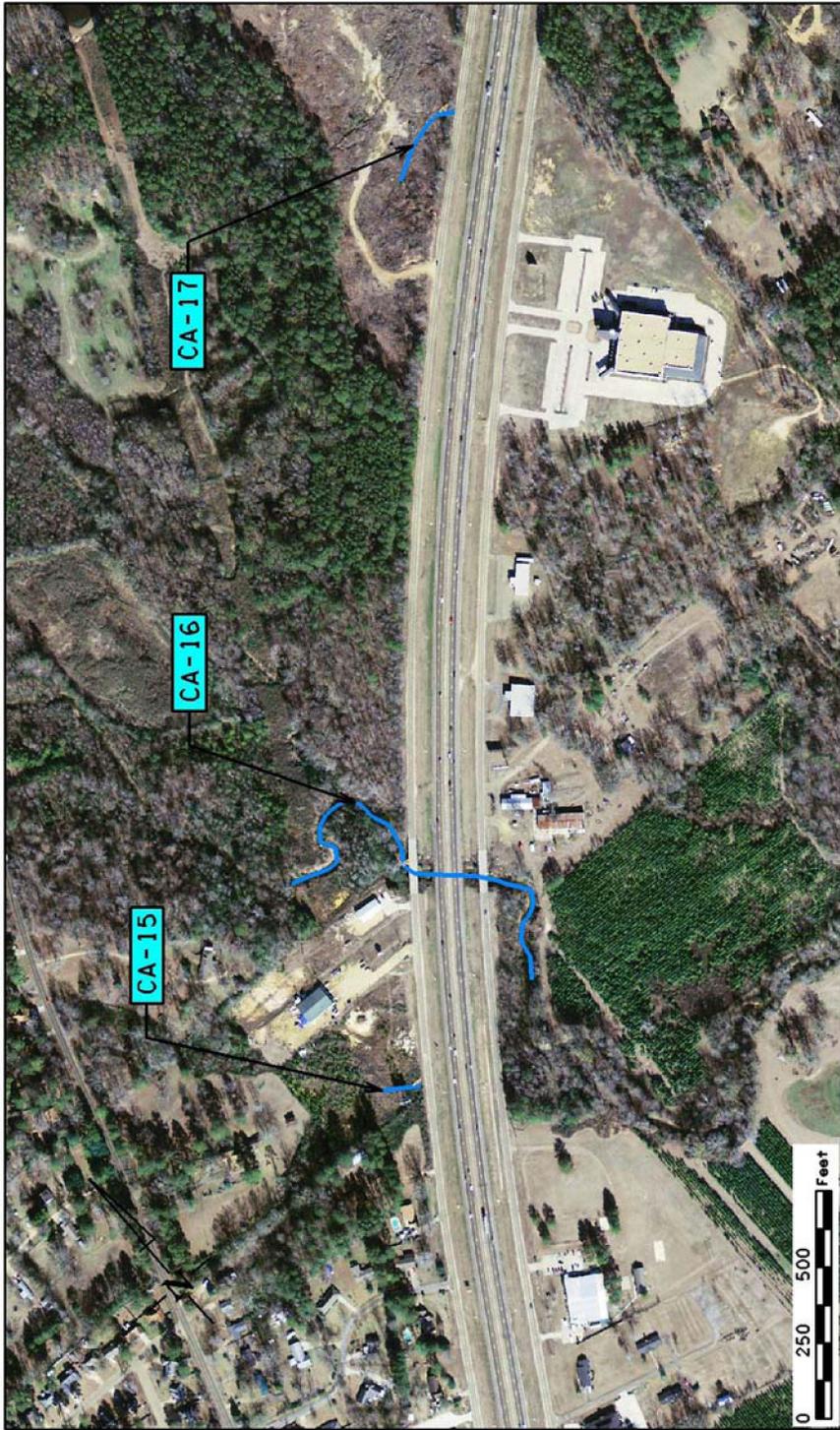


Description

View up-gradient

# SITE 6

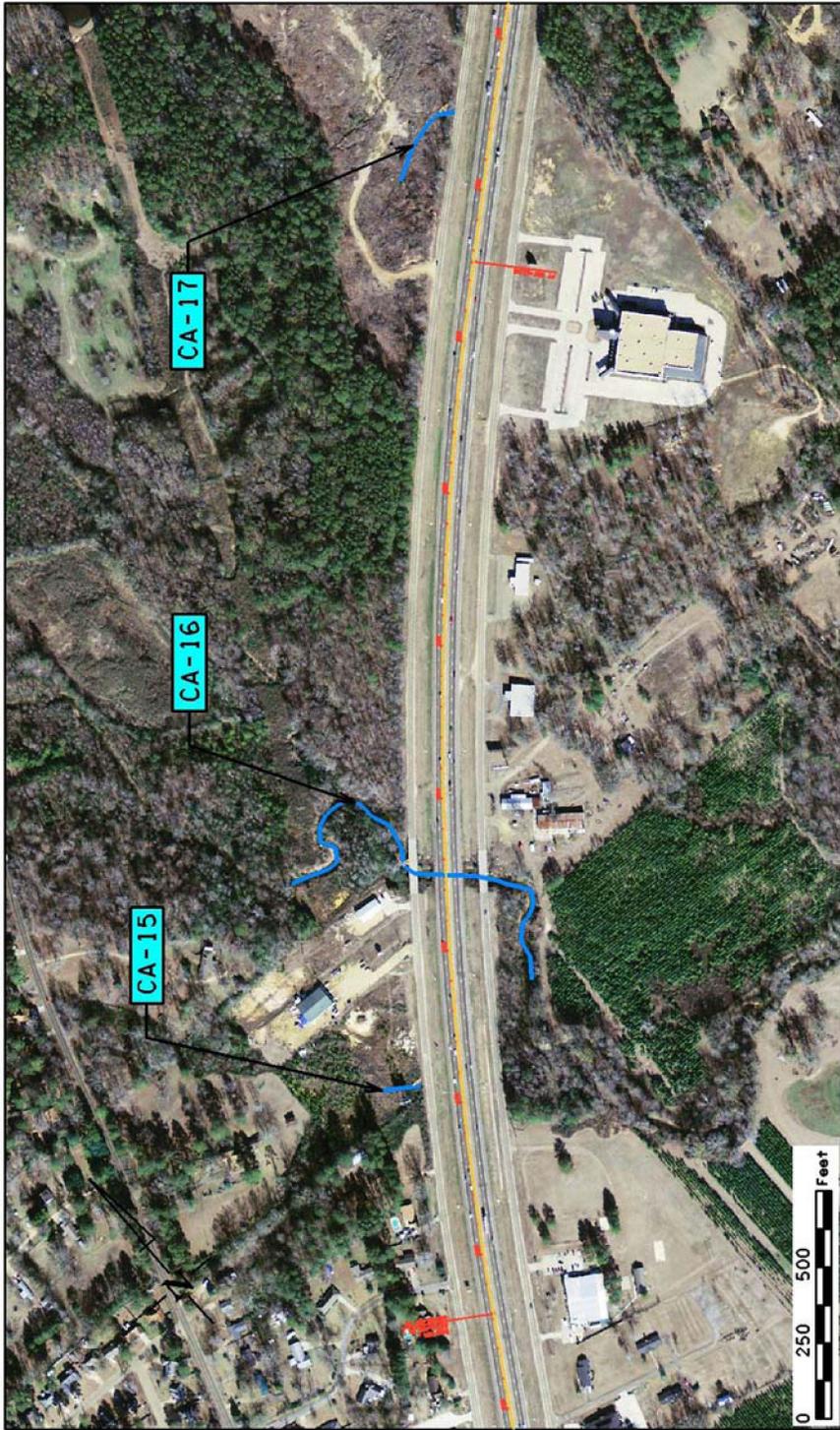
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I-55 from the Copiah County Line to McDowell Road  
 Hinds County, Mississippi  
 Site 6

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



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



**FIELD DATA SHEET**  
**OTHER WATERS OF THE U.S.**

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