



**US Army Corps  
of Engineers**

Vicksburg District  
4155 Clay Street  
Vicksburg, MS 39183-3435



# Public Notice

FILE NO.:	ASW-MVK-2004-349
EVALUATOR:	Anne Woerner
PHONE NO.:	(601) 631-5298
DATE:	September 15, 2004
EXPIRATION DATE:	October 6, 2004

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District proposes to discharge dredged and fill material into waters of the United States pursuant to Section 404 of the Clean Water Act for the proposed construction described herein. The Mississippi Department of Environmental Quality is considering the Corps' application for a State Water Quality Certification for the proposed discharges. Comments should be forwarded to the Vicksburg District, ATTN: CEMVK-OD-F and the Mississippi department of Environmental Quality at Post Office Box 10385, Jackson, MS 39289-0385, and must reach these offices by the cited expiration date.

Location of Proposed Work: The proposed project is located in Section 34, T13S-R9E, in Big Creek and within the Yalobusha River drainage basin, Calhoun County, Mississippi.

Description of Proposed Work: (See enclosed map and drawings.)

The U.S. Army Corps of Engineers, Vicksburg District, proposes to construct a high drop grade control structure. The purpose of the work is to control head-cutting erosion in Big Creek.

The high drop grade control structure consists of a rectangular 49.2-foot (15-meter) wide weir having a crest elevation of 280.4 feet (85.5 meters) NGVD and a 15.7-foot (4.8-meter) drop to the apron. The structure is 67.2 feet (20.5 meters) in length from the headwall to the transverse sill. The structure includes a headwall, headwall extensions, sidewalls, apron, floor blocks, transverse sill, subsurface drainage system, riprap lined approach and exit channels. The top of the structure is at elevation 293.6 feet (89.5) meters NGVD. The elevation at the transverse sill is 267.3 feet (81.5 meters) NGVD. These elevations were set by the Corps of Engineers, Vicksburg District based upon a study of the existing thalweg profiles of Big Creek, Foster Creek, and Tributary 18.

Two cofferdams would be placed at the north and south ends of the high drop structure in conjunction with a diversion canal to reroute the flow in Big Creek during construction. When construction of the high drop structure is completed, the cofferdams would be removed and the diversion canal would be backfilled.

No wetlands would be impacted by the project, however; approximately 0.42 acres of other waters of the United States would be impacted at the site of the high drop structure. There would be a rise in the water levels upstream of the project for Big Creek, Foster Creek, and Tributary 18, but the flow would be contained within their banks.

The discharge of dredged and/or fill material into waters of the United States requires authorization pursuant to Section 404 of the Clean Water Act.

State Water Quality Certification: Application has been made for a water quality certification from the State of Mississippi in accordance with Section 401 of the Clean Water Act.

Project Authority: The Emergency Jobs Appropriations Act of 1983 (Public Law 98-8) provided the initial authorization of the Demonstration Erosion Control Project. The Energy and Water Development Appropriations Act of 1984 (Public Law 98-50) and subsequent acts further directed the joint effort by the Corps and Natural Resources Conservation Service within the foothills of the Yazoo Basin. The authorizing legislation directed the two agencies to work cooperatively toward the continuation of erosion, flood, and sediment control in the Yazoo Basin Hill Region.

Environmental Assessment: The proposed project is addressed in an environmental impact statement for the Yalobusha River watershed and is available at the Vicksburg District for public review.

Cultural Resources: A cultural resources survey was completed for the proposed project. No significant cultural resources were located in the project's area of potential effect. The Mississippi State Historic Preservation Officer has concurred with these findings. Should heretofore-unknown information be made available by Native American Tribes or interested third parties, this assessment may be re-evaluated.

Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish

and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the work.

**Flood Plain:** In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

**Public Participation:** All factors relating to the affected aquatic ecosystem which may be relevant to the proposal will be considered and evaluated in light of guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

The decision whether or not to allow the construction of the project will be based on an evaluation of the probable impact of the proposed discharge of dredged material into waters of the United States. That decision will reflect the national concern for both protection and utilization of water-related resources. The benefits which may reasonably be expected to accrue from the proposal must be balanced against its reasonable foreseeable detriments.

Any person may make a written request for a public hearing to consider this proposal. This request must be made by the specified public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in the matter.

**Notification of Final Permit Actions:** Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.

Dennis Norris  
Chief, Operations Division

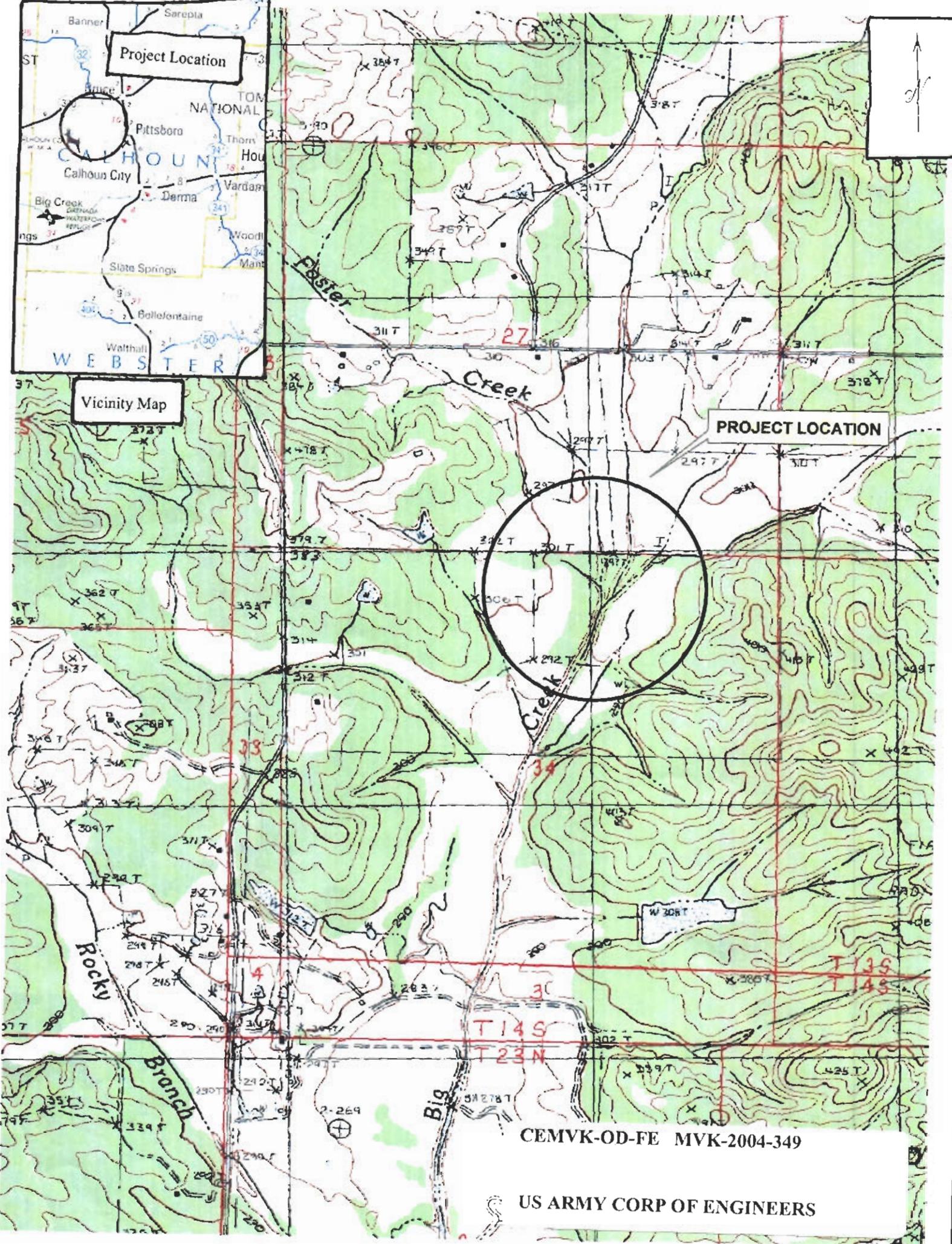
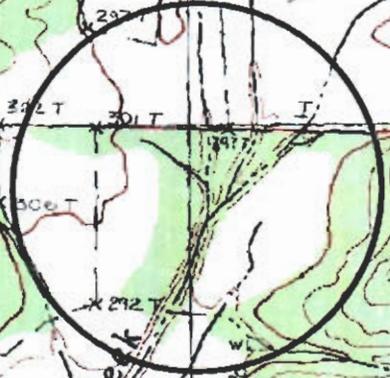
Project Location



Vicinity Map



PROJECT LOCATION



T14S  
T23N

T13S  
T14S

CEMVK-OD-FE MVK-2004-349

US ARMY CORP OF ENGINEERS



Date	Description	Drawn By	Checked By

Drawn By	Checked By	Date

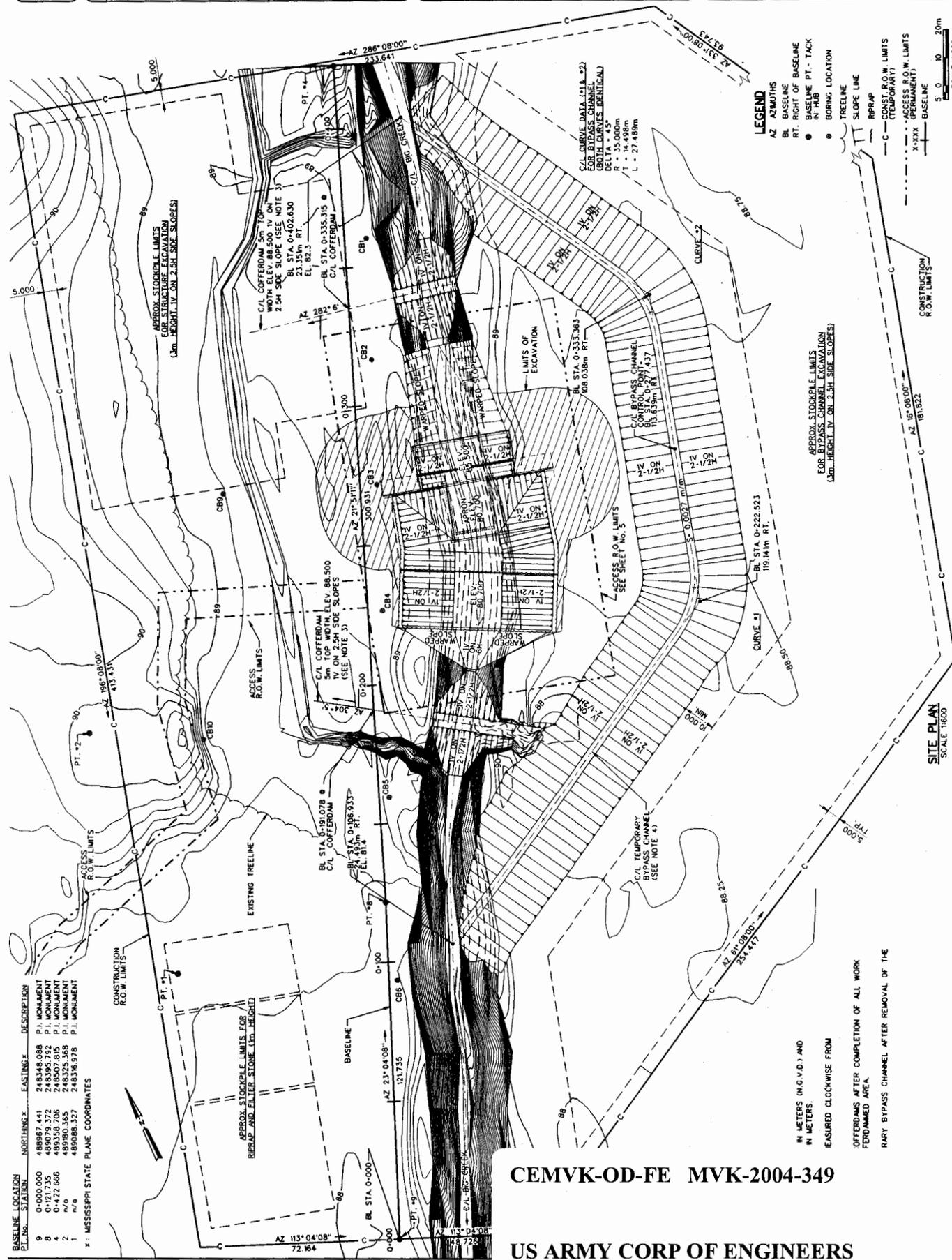
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
MEMPHIS, MISSISSIPPI

WADSWORTH & NELSON AND COMPANY  
ENGINEERS AND ARCHITECTS

**SITE PLAN**

FLOOD CONTROL/MISSISSIPPI RIVER & TRIBUTARIES  
DEPARTMENT OF ARMY PROJECT  
HO-02-01  
YALOWOOD COUNTY, MS  
BRIDGES AND CHANNELS  
C/O MISSISSIPPI RIVER & TRIBUTARIES  
FLOOD CONTROL DISTRICT

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**LEGEND**

- AZ AZIMUTHS
- BL BASELINE
- RT. RIGHT OF BASELINE
- BASELINE PT. - TACK IN HUB
- BORING LOCATION
- TREE LINE
- SLOPE LINE
- R/R/RAP
- CONST. R.O.W. LIMITS (TEMPORARY)
- ACCESS R.O.W. LIMITS (PERMANENT)
- XXXX BASELINE

SCALE: 1:600  
0 10 20m

**BASELINE LOCATION**

PT. No.	NORTHING ±	EASTING ±	DESCRIPTION
9	0+000.000	488967.441	248348.088 P.I. MONUMENT
8	0+121.735	489079.372	248395.792 P.I. MONUMENT
4	0+422.666	489358.708	248507.815 P.I. MONUMENT
7	0+700.000	489638.044	248619.942 P.I. MONUMENT
2	0+977.335	489917.380	248732.069 P.I. MONUMENT
1	1+254.670	490196.716	248844.196 P.I. MONUMENT

X: MISSISSIPPI STATE PLANE COORDINATES

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US ARMY CORP OF ENGINEERS

IN METERS (N.G.V.D.) AND  
IN METERS.  
MEASURED CLOCKWISE FROM  
OFFERDAMS AFTER COMPLETION OF ALL WORK  
PERFORMED AREA.  
RARE BYPASS CHANNEL AFTER REMOVAL OF THE



