

AD-A263 289



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Form Approved
OMB No. 0704-0188

1

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2. REPORT DATE
SEPT 19893. REPORT TYPE AND DATES COVERED
final

4. TITLE AND SUBTITLE

A Cultural Resources Survey of the Fletcher Creek, Section
14 Study, Shelby Co., TN

5. FUNDING NUMBERS

96X3112

6. AUTHOR(S)

Jimmy D. McNeil

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
in houseDTIC
ELECTE
APR 20 1993
S C D8. PERFORMING ORGANIZATION
REPORT NUMBER

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)

Dept. of the Army
Memphis District Corps of Engineers
B-202 Clifford Davis Federal Bldg.
Memphis, TN 3810310. SPONSORING / MONITORING
AGENCY REPORT NUMBER

229

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION / AVAILABILITY STATEMENT

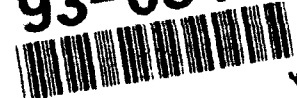
Unlimited

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

No Prehistoric, historic, or architectural sites were discovered in the project right-of-way.

93-08165



HPC

14. SUBJECT TERMS

15. NUMBER OF PAGES

5

16. PRICE CODE

17. SECURITY CLASSIFICATION
OF REPORT18. SECURITY CLASSIFICATION
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A CULTURAL RESOURCES SURVEY OF
THE FLETCHER CREEK, SECTION 14 STUDY,
SHELBY COUNTY, TENNESSEE - A NEGATIVE FINDING REPORT

U.S. Army Corps of Engineers
Memphis District

Jimmy D. McNeil
Staff Archeologist

DTIC QUALITY INSPECTED 4

September 1989

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NTIS CRA&I	☒
DTIC TAB	☐
Unannounced	☐
Justification	
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Distribution /	
Availability Codes	
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A-1	

ABSTRACT

On 24 August 89, an intensive cultural resources survey was conducted by the Environmental Analysis Branch of the U.S. Army Corps of Engineers, Memphis District, Staff Archeologists, Mr. Jimmy McNeil and Mr. Douglas Prescott.

The Fletcher Creek erosion area is located $\frac{1}{2}$ mile southwest of Interchange No. 16 on I-40, east of Memphis. The area covers 11.3 acres.

Proposed work for the area includes grading of the creek bank to a stable angle, and placing rip-rap along and in portions of the creek.

No prehistoric, historic or architectural sites were discovered within the project right-of-way.

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Introduction

An intensive survey for cultural resources was conducted by Memphis District Archeologists, Mr. Jimmy McNeil and Mr. Douglas Prescott, on 24 August 1989 within the project right-of-way as directed by the U.S. Army Corps of Engineers, Memphis District. The study was performed as required by the National Environmental Policy Act of 1969 (Public Law 91-190), Protection and Enhancement of Cultural Historic and Cultural Properties (36 CFR 800), and the National Historic Preservation Act of 1966 (Public Law 898-665).

Project Description

The Fletcher Creek project is located in Shelby County, Tennessee. It is located approximately $\frac{1}{2}$ mile southwest of Interchange No. 16 on I-40, east of Memphis (Map 1). The project will affect only the creek bank and land adjacent to it (Map 2). The creek banks are to be graded to a stable angle and then covered, at selected spots, with rip-rap. Land adjacent to the creek banks will be used for the deposition of excess materials.

Environmental Setting

The project area is located along a small portion of Fletcher Creek, which is located in northeastern Shelby county. Fletcher Creek is a tributary of the Wolf River drainage basin. The proposed impact area consists predominately of cleared lands composed of utility company right-of-ways for pipelines and overhead power lines.

Timber resources consist of very few scattered trees adjacent to top bank located at the upper end of the project area. These trees consist of American elm, black willow, red oak, sycamore, sweetgum and river birch. Ditchbank vegetation is limited primarily to johnson grass and various sedge species.

Fauna in the proposed project area of Fletcher Creek is limited due to increased urbanization of the area. Species raccoons, opossum, mice, rats, skunks and

various birds are common to the area. Fishery resources are very limited resulting from the polluted and intermittent condition of the stream.

Previous Research

No previous archeological work has been conducted in the direct project area. Work in the general area was conducted by Gerald Smith, various staff members of Chucalissa Museum and Memphis State Museum Anthropology Department between 1968 and 1971. Other work was conducted in the general Memphis area by Gilbert Commonwealth in 1981 and Coastal Environmental, Inc., in 1987.

Results of the Records Search

As the area to be surveyed was so small, a record search beyond office files was not conducted. Office files and records did not indicate that any cultural resources were in the project area.

Survey Methodology and Results

The Fletcher Creek project area is approximately 11.3 acres in size. The length is approximately 900 feet (274.4 meters). Width varies with a maximum of 300 feet (90 meters). The south side of the creek had 100% visibility and was badly eroded. The north side of the creek had about 50% visibility and was quite swampy. The north side was partially covered with grasses and various wetland weeds. All areas with visible ground surfaces were visually checked for artifacts - none were found. Shovel test units (approximately 30 x 30 x 30 cms) were dug every 30 meters where the surface visibility was bad. No artifacts or cultural indicators were found.

Recommendations

Based on an infield cultural resources survey and a background records search, no evidence of prehistoric, historic or architectural resources exist within the direct impact zones of the projects. It is recommended that repairs within the projects rights-of-way proceed as planned.

The survey methodology used does not eliminate the possibility of encountering deeply buried sites. Therefore, it is recommended that any site encountered during construction be protected from further damage by stopping construction until its significance can be determined by the Environmental Analysis Branch, Memphis District, U.S. Army Corps of Engineers, in conjunction with the Arkansas Office of the Arkansas Historic Preservation Program.

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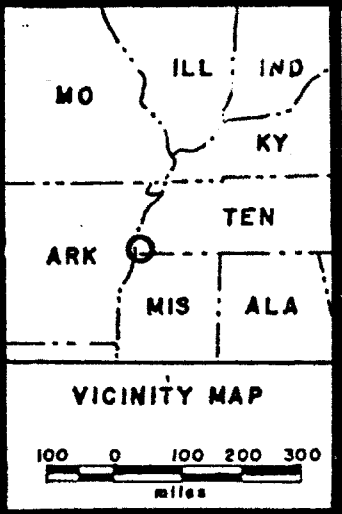
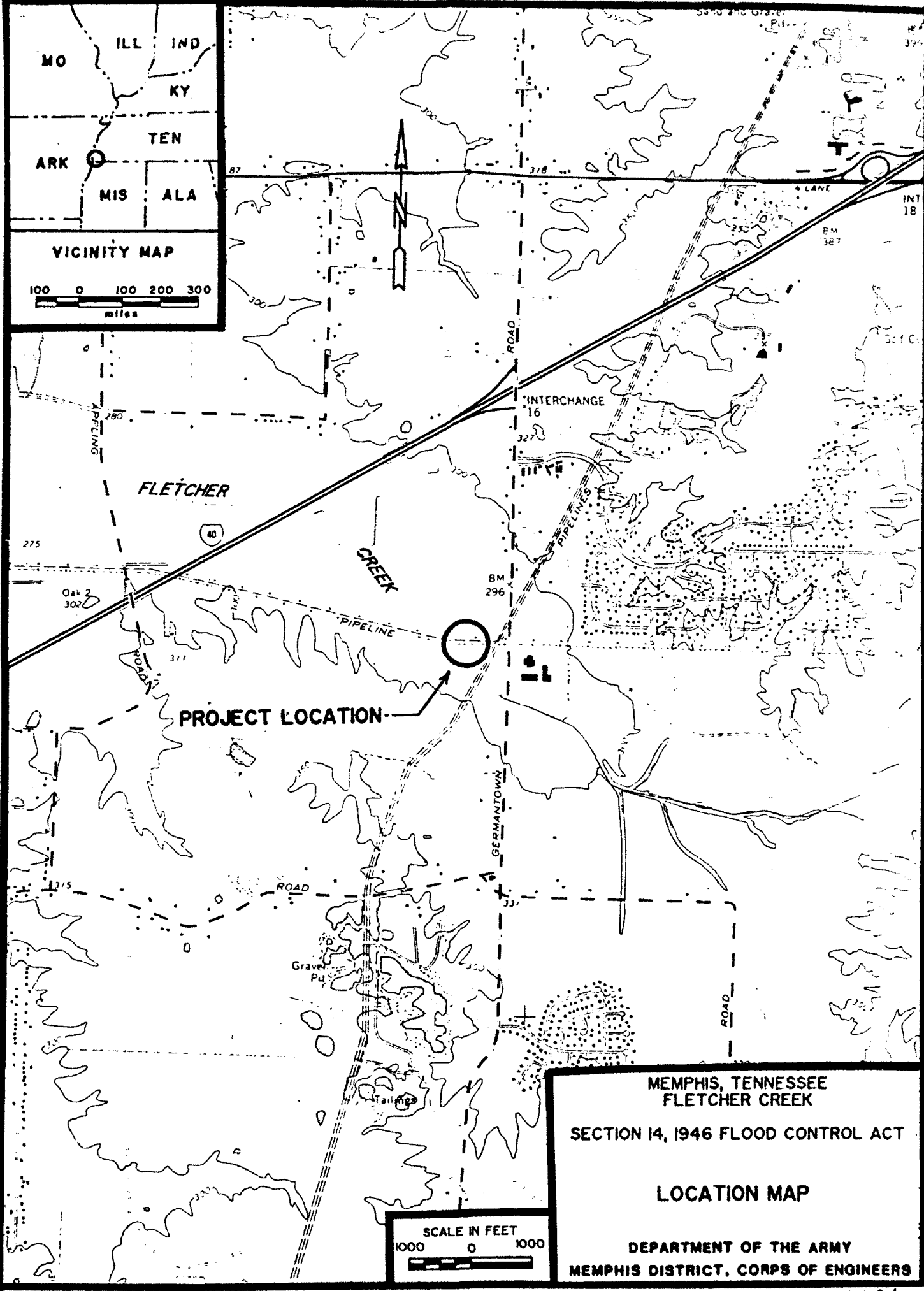
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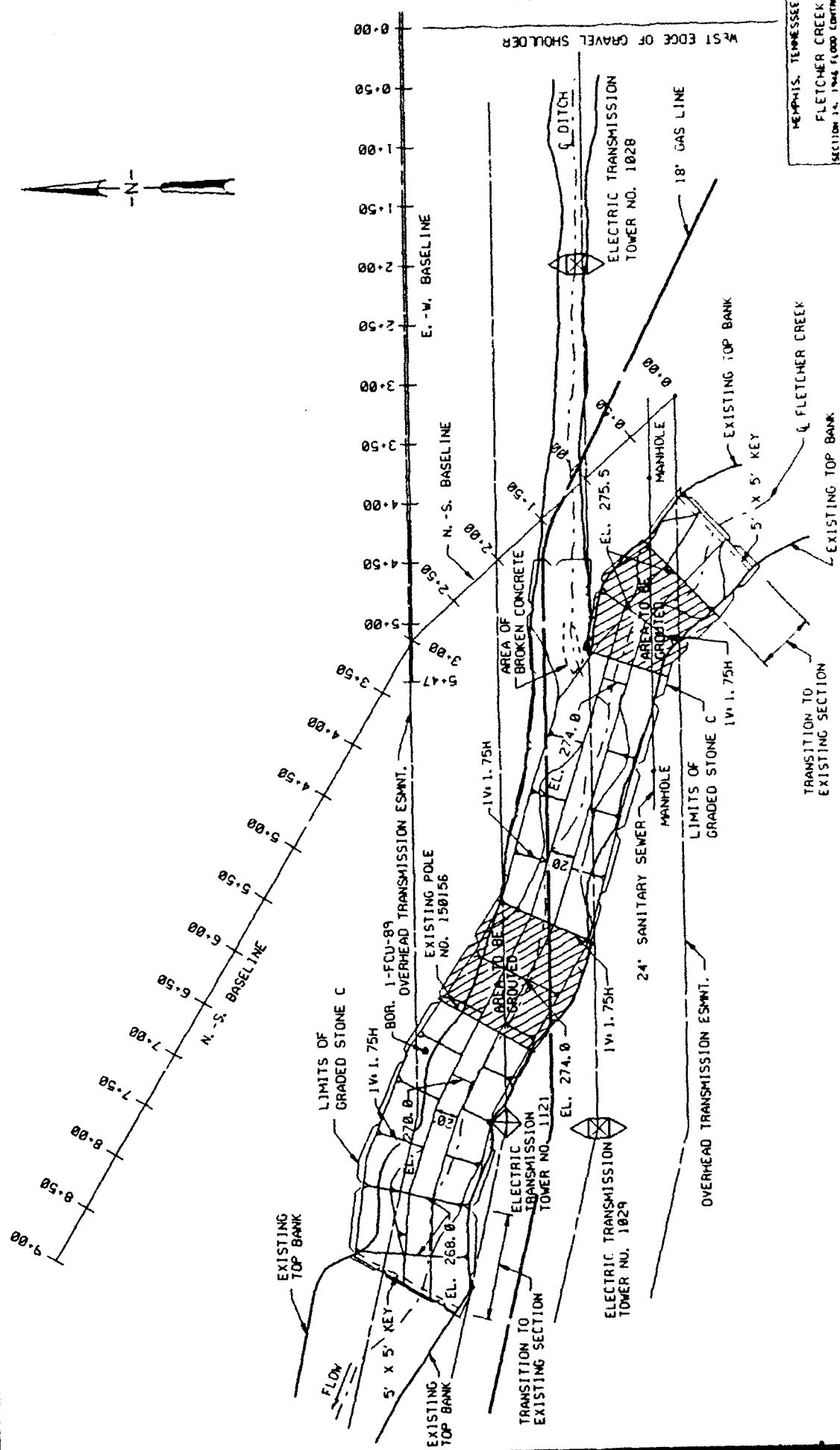
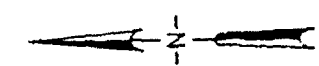
MEMPHIS, TENNESSEE
FLETCHER CREEK

SECTION 14, 1946 FLOOD CONTROL ACT

LOCATION MAP

DEPARTMENT OF THE ARMY
MEMPHIS DISTRICT, CORPS OF ENGINEERS

MAP 1



GERMANTOWN PKWY.

MEMPHIS, TENNESSEE
FLETCHER CREEK
SECTION 14, 1944 FLOOD CONTROL ACT
PLAN VIEW
DEPARTMENT OF THE ARMY
MEMPHIS DISTRICT, CORPS OF ENGINEERS

MAP 2

PLAN VIEW
SCALE, 1" = 120'