

**PLANNING ASSISTANCE TO STATES  
STUDY SUMMARY SHEET**

FY: 2010	P2 #: 326132
DIVISION: MVD	STUDY NAME: Jonesboro, Arkansas Master Plan Study
PERFORMING DISTRICT: MVM	TYPE OF STUDY: Stormwater Management
STATE/TRIBE: Arkansas	SPONSOR: City of Jonesboro, Arkansas

**SUMMARY OF STUDY SCOPE:**

The scope of work consists of providing planning assistance for the City of Jonesboro in developing a comprehensive plan for long-term operations, maintenance, and improvements to the city's Municipal Separate Storm Sewer System and its associated infrastructure. The study will be accomplished through the joint efforts of the U. S. Army Corps of Engineers, Memphis District and the non-Federal sponsor, the City of Jonesboro, Arkansas. This is a multi-year study and will be accomplished in four years, contingent upon the allocation of Federal funds each year and the receipt of matching contributions by the non-Federal sponsor. The first phase of work will be accomplished in eighteen months. This phase will focus on master drainage planning for Big Creek and its tributaries. The second phase of work will be accomplished in twelve months and will focus on master drainage planning for Viney Slough Ditch and its tributaries. Phase three will be accomplished in twelve months and focus on master drainage planning for Little Bay Ditch and its tributaries. The final phase of work will be completed in a six month period and focus on miscellaneous channels and tributaries in the Valley View area. The total cost of the study is estimated to be \$4,164,300. The non-Federal sponsor is responsible for 50% of the total study costs and may provide in-kind services up to 100% of its required contribution of study costs through the provision of services, materials, supplies or other in-kind-services necessary to prepare the plan. Listed below is the total estimated cost for each phase of work. Work will begin as soon as practical following the effective date of the Planning Assistance to States Agreement between the Memphis District and the City of Jonesboro, Arkansas and the date of receipt by the Memphis District of the sponsor's required share of funding or notification of intent to provide its share as in-kind services or a combination of cash and in-kind services. A portion of the work to be accomplished in Phase 1 will be completed with Federal funds currently allocated for the study. The current available Federal funds are \$198,300. The non-Federal sponsor will be required to provide matching contributions. The work to be accomplished with these funds is within the Big Creek watershed. The following is a list of the items of work to be accomplished with available funds for Phase 1-Big Creek & Tributaries:

1. Describe Drainage Network
  - a. Engineering description of the watershed drainage system and the major physical and institutional factors impacting drainage
  - b. Recommendations for both short- and long-term maintenance of classified facilities
2. Classify Drainage Ways
  - a. Classification of existing drainage ways to include both open-channels and piped networks as either primary, secondary, or tertiary drainage ways on criteria to be established as part of the study
3. Identify ROW and Easements
  - a. Identification of existing rights-of-ways and easements associated with each drainage way

These items work will be completed within the first twelve months of Phase 1. The remaining work required in Phase 1 and subsequent phases of work will be completed contingent upon additional allocation of Federal funds and matching non-Federal contributions.

<b>TOTAL ESTIMATED STUDY COSTS:</b>	\$4,164,300
PHASE 1 – BIG CREEK & TRIBUTARIES	\$1,541,100
PHASE 2 – VINEY SLOUGH DITCH	\$1,107,700
PHASE 3 – LITTLE BAY DITCH	\$1,010,800
PHASE 4 - VALLEY VIEW AREA	\$504,700