

GRAND PRAIRIE REGION AND BAYOU METO BASIN, ARKANSAS PROJECT

BAYOU METO BASIN, ARKANSAS

GENERAL REEVALUATION REPORT

VOLUME 7

APPENDIX B

ENGINEERING INVESTIGATIONS & ANALYSES AGRICULTURAL WATER SUPPLY COMPONENT

SECTION X - REFERENCE MAPS

NOVEMBER 2006



GRAND PRAIRIE REGION AND BAYOU METO BASIN, ARKANSAS PROJECT BAYOU METO BASIN, ARKANSAS GENERAL REEVALUATION REPORT

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Reference Maps

The purpose of this appendix is to present graphically the project area along with the features of the selected plan. Due to the magnitude and complexity of this project, all of the features could not be conveyed on a single set of maps. The coverage of the individual base maps coincides with the coverage presented on the standard 7-1/2 minute USGS quadrangles; however, the scale is set to 1:62,500, the same as the scale for a standard 15 minute USGS quadrangle. The USGS naming convention has been retained for the base maps. An index map showing spatial relationships of the individual maps is provided for easy reference. A composite map of the project area and a vicinity map of the eastern Arkansas regions are also included. For clarity, several series of these base maps have been generated with each series depicting a specific type or types of project features. The components comprising the various series of maps are discussed below. Detailed information regarding the specifics of the project features depicted can be obtained by referencing the text of he report.

PROJECT MAP

The project map is in essence the same as the base map. It includes a USGS quadrangle background, as well as major project features such as pipelines, canals, and ditches. It also includes the construction reach boundaries and the project boundary.

HYDRAULIC STRUCTURES

The series depicts the approximate physical location of hydraulic structures along the distribution system. These structures include weirs, siphons, drop structures, culverts, turnout structures, pump structures, and check structures.

LANDUSE/LANDCOVER AND WETLANDS

Wetland areas were developed by Vicksburg District and represent those areas within the project that are considered wetlands. Landuse/landcover data were also developed by Vicksburg District. The two layers were intersected to determine areas of impact of Forested and Cleared wetlands.

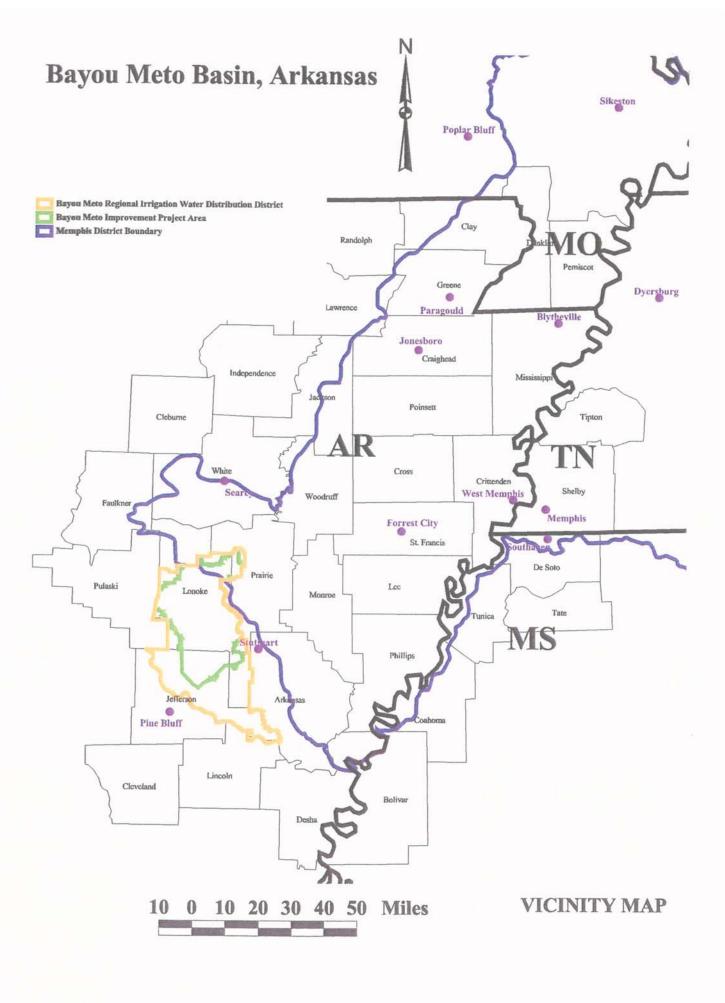
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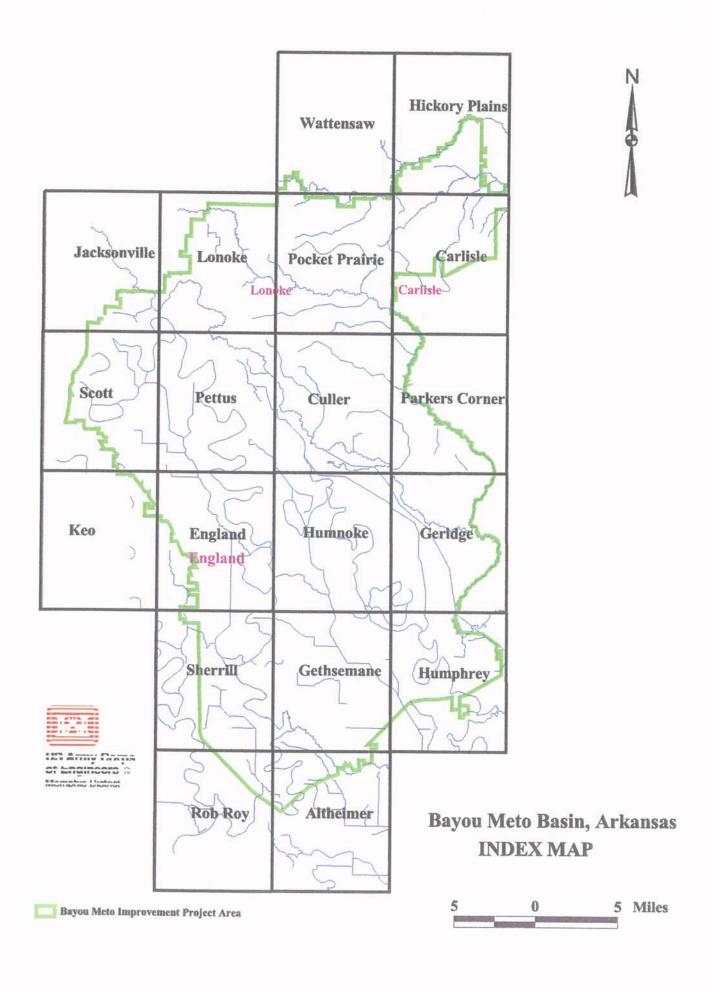
Physical location and naming/numbering convention (when available) of relocations.

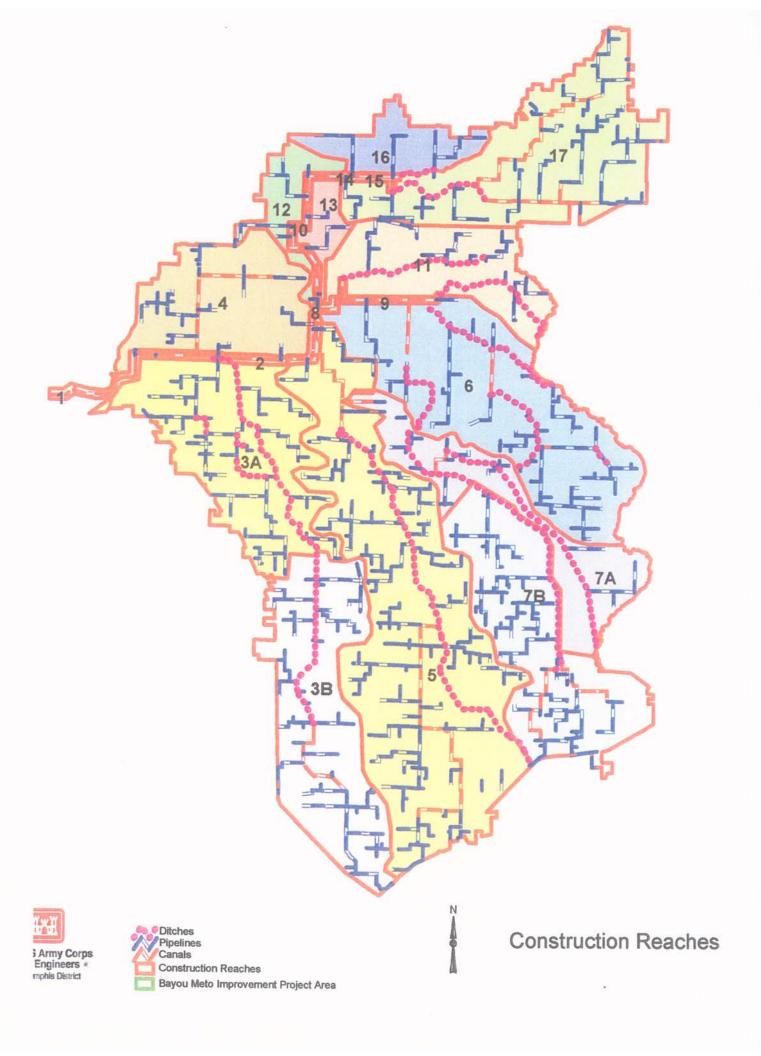
PROPERTY OWNERSHIPS

Property ownership data was obtained from Marceline Mapping Services, Inc., for the project area in DXF format. This data was layered with other project area data to obtain property ownership information for areas where right-of-way would need to be obtained.

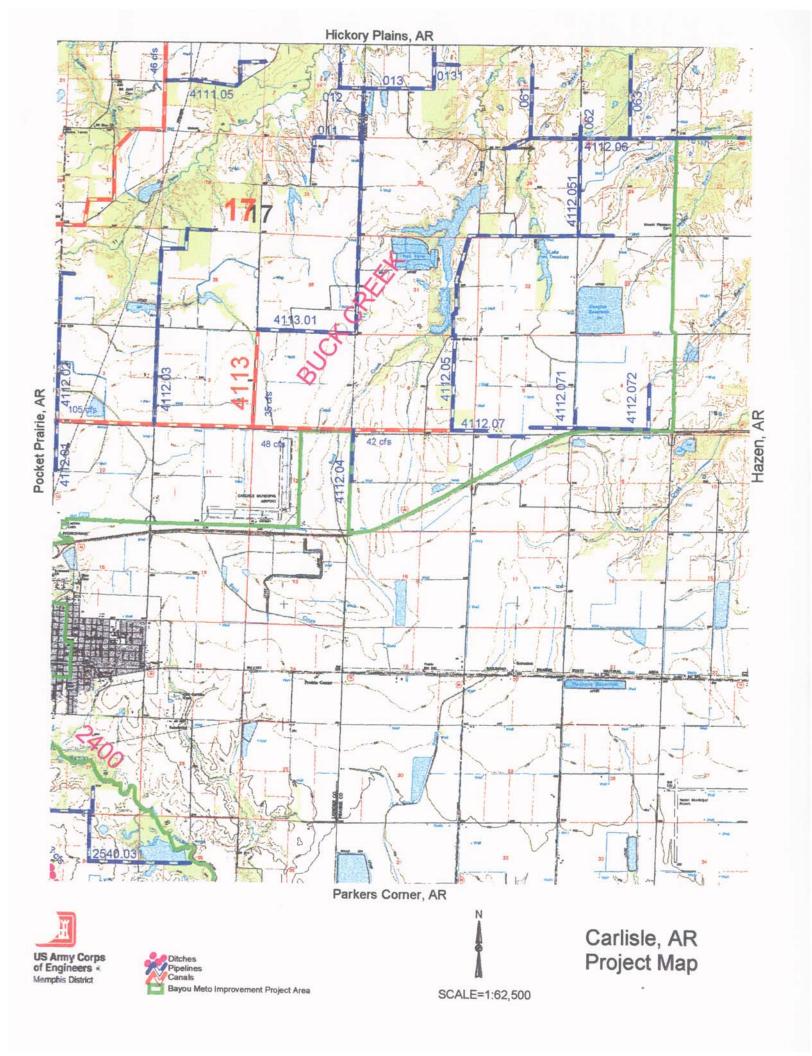
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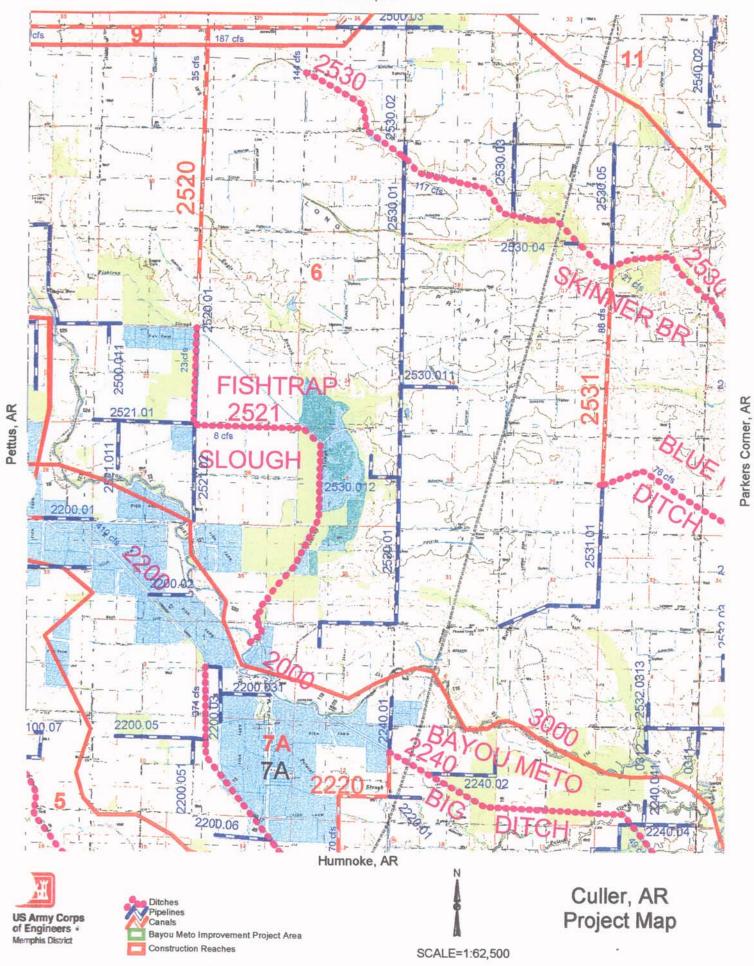


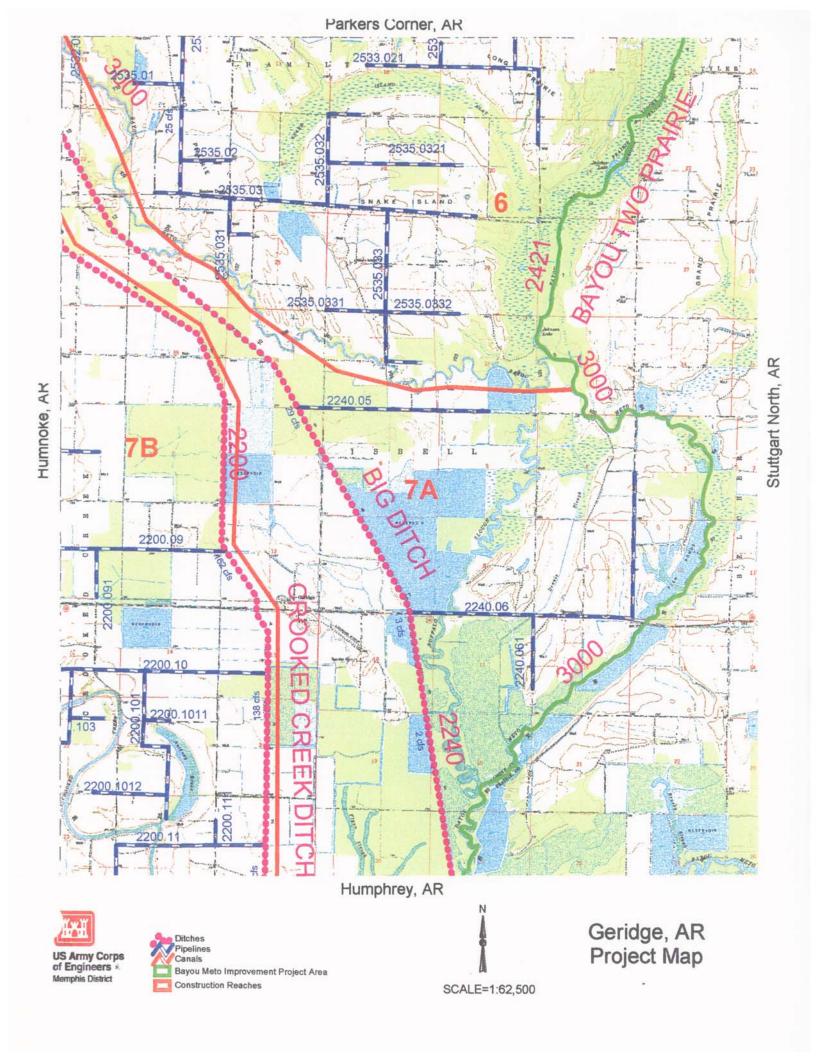


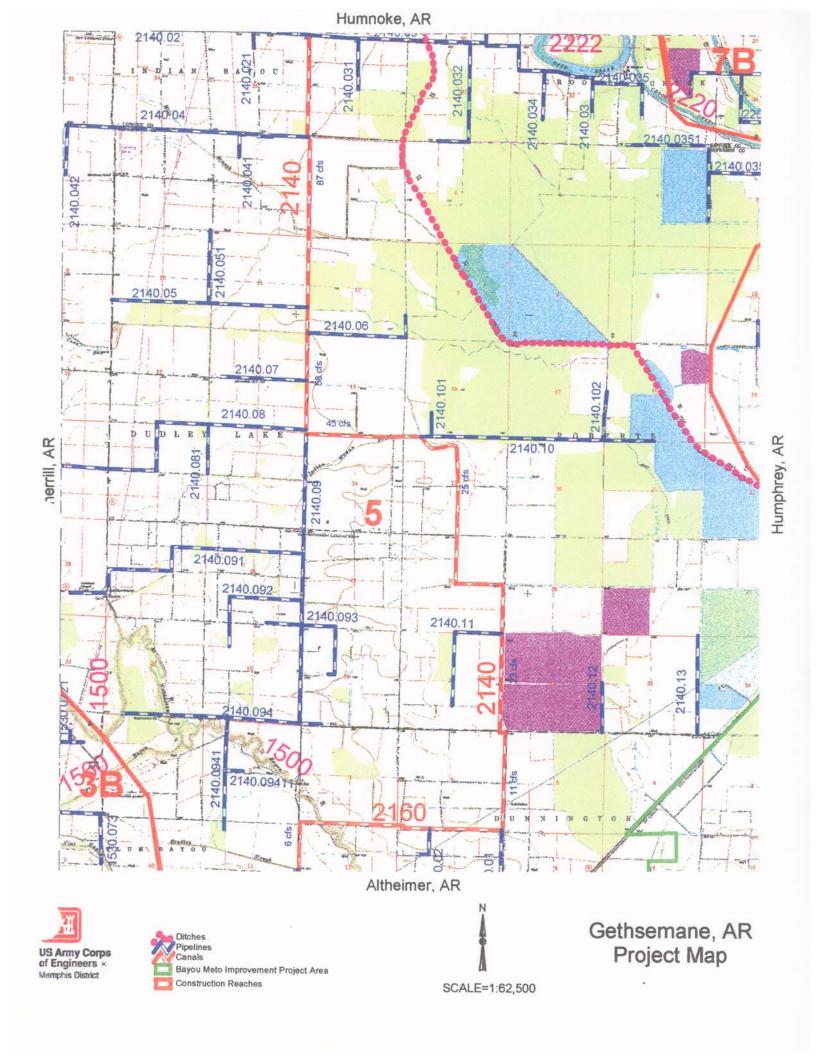


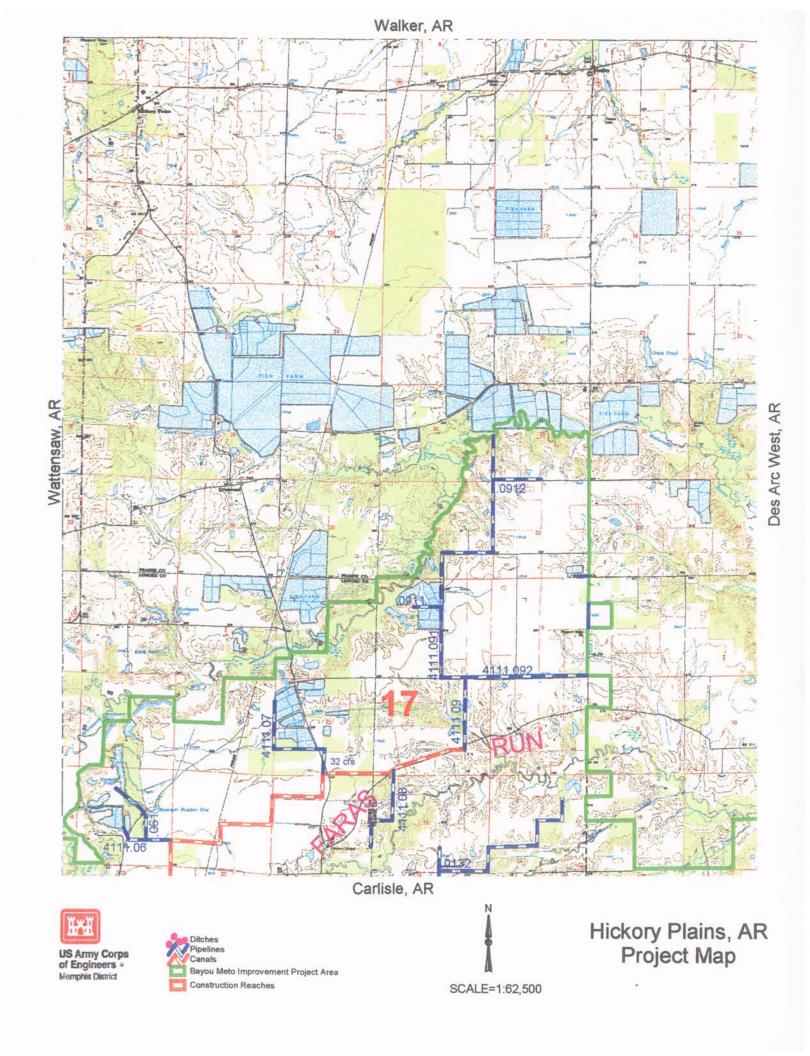
BASEMAPS

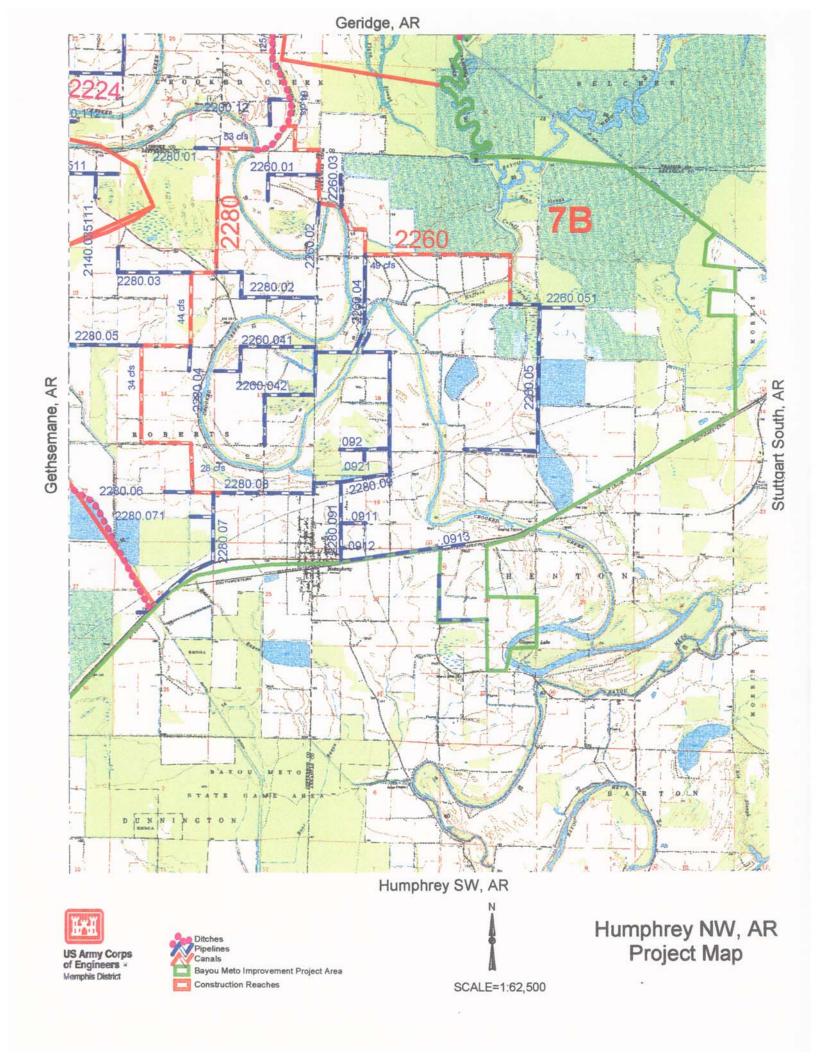


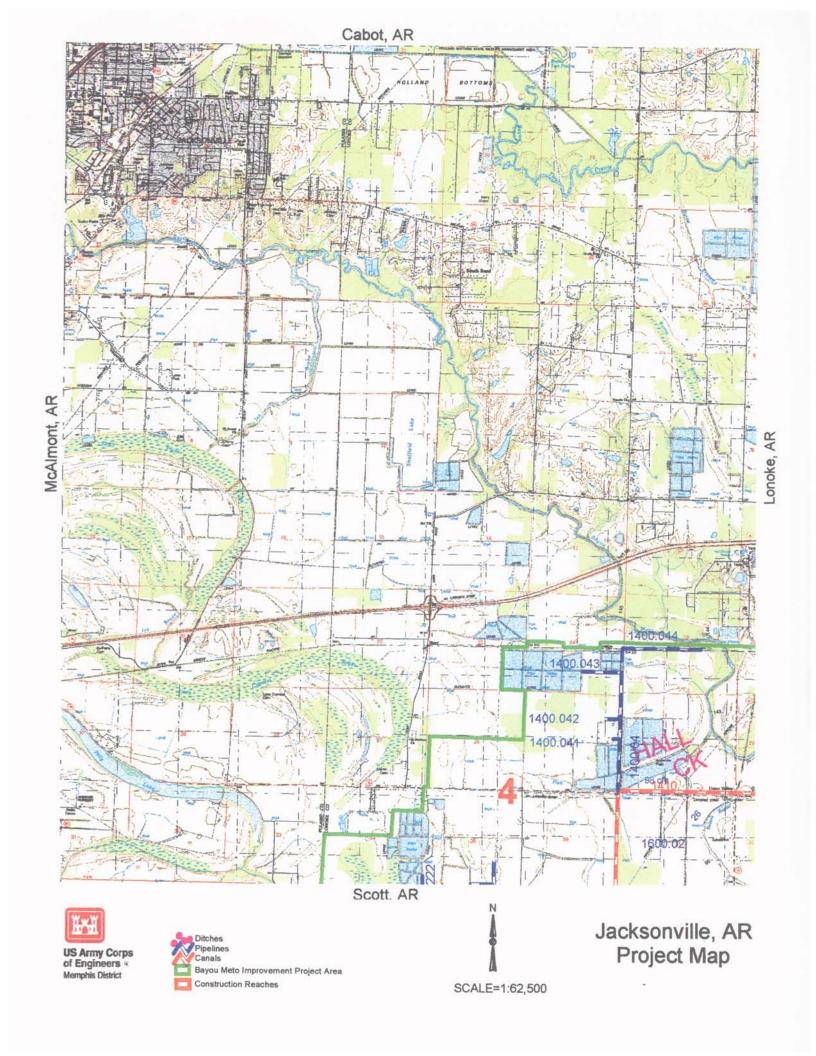


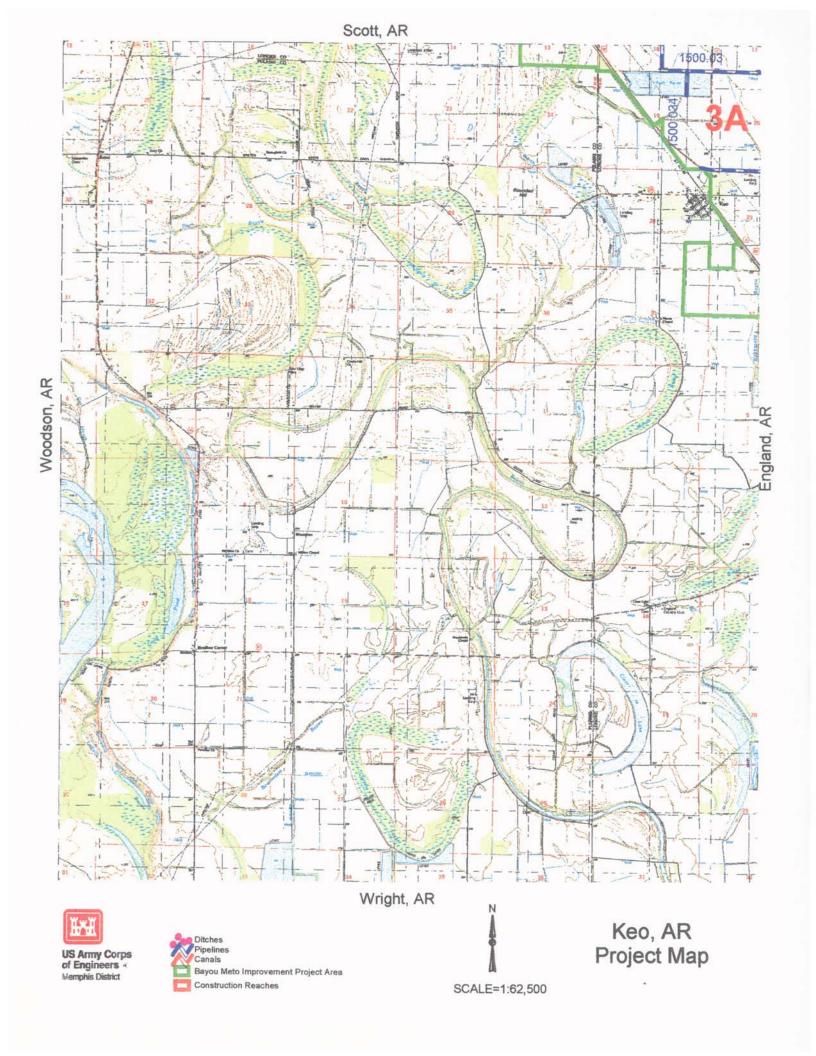


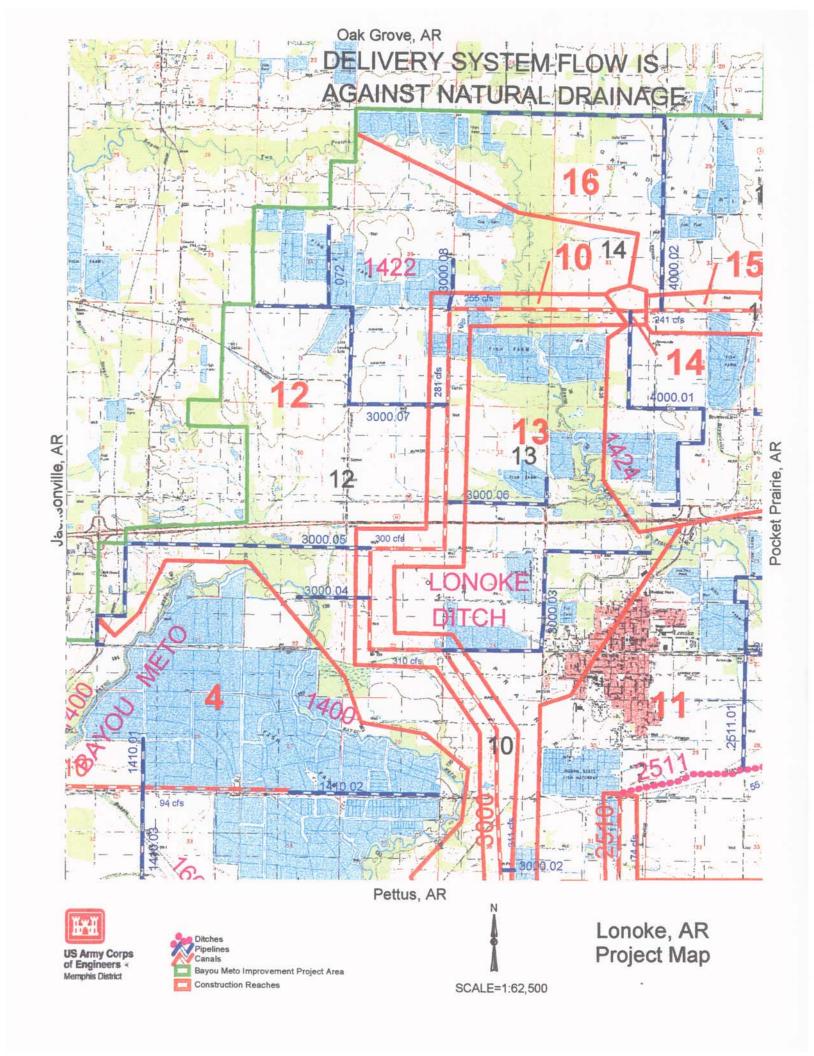


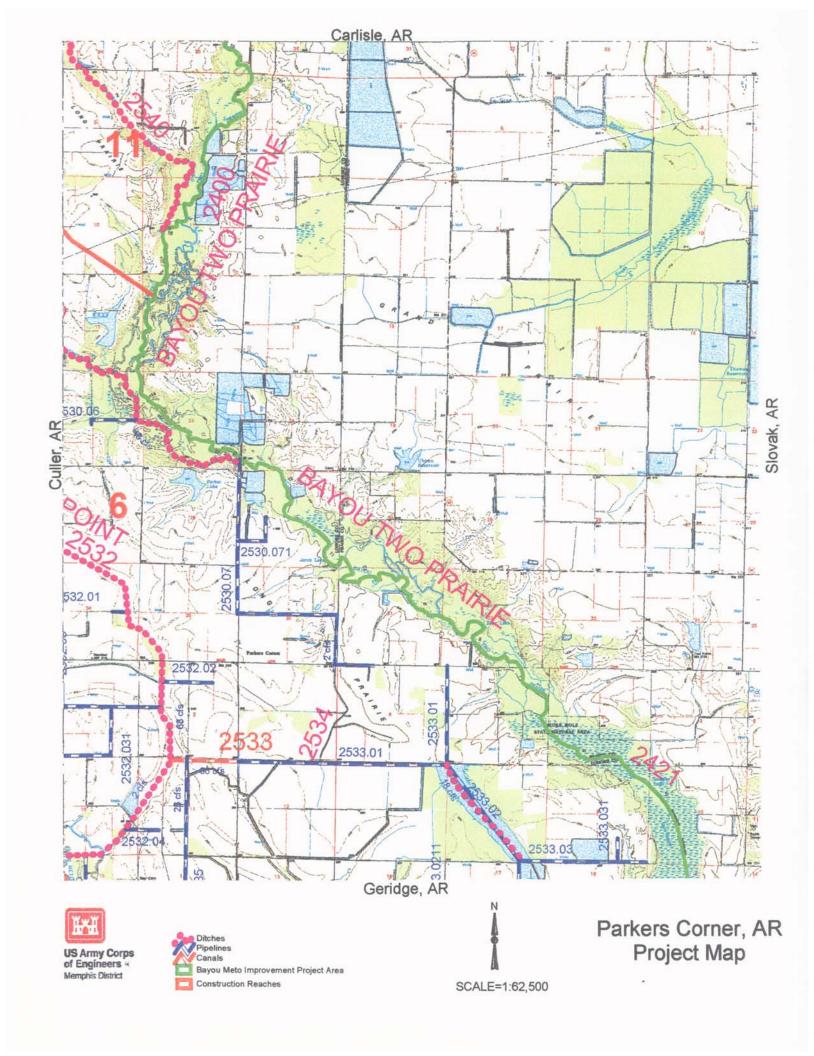


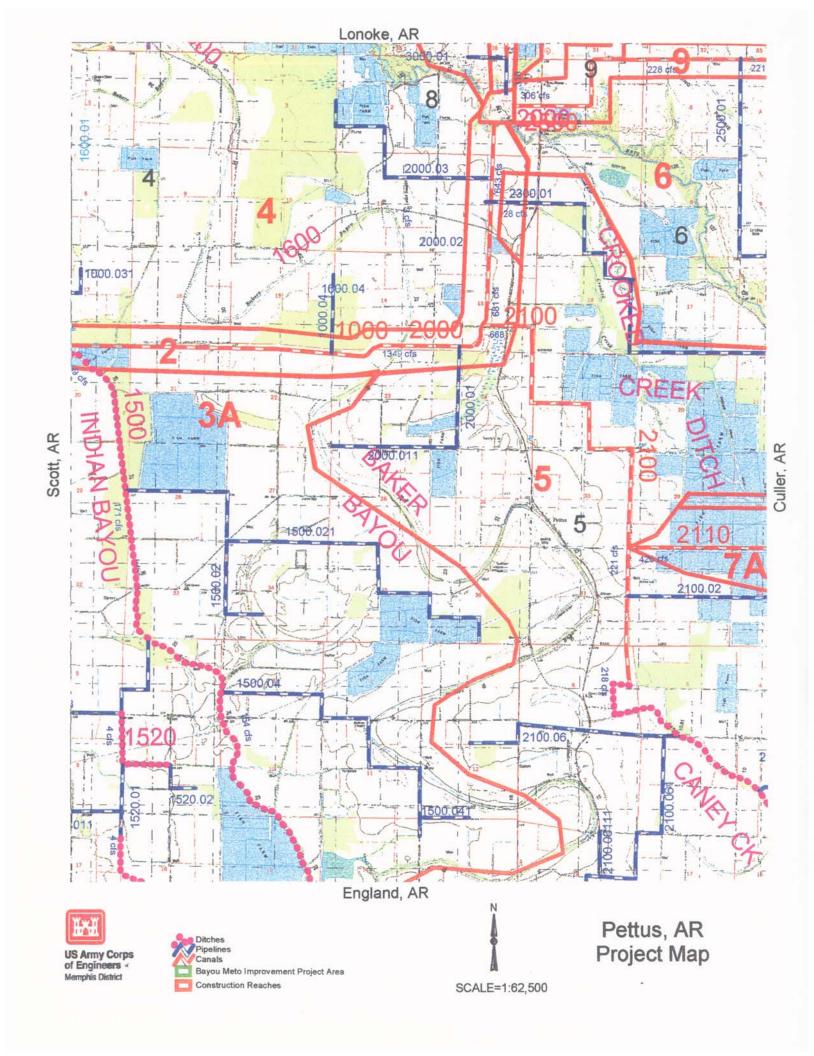


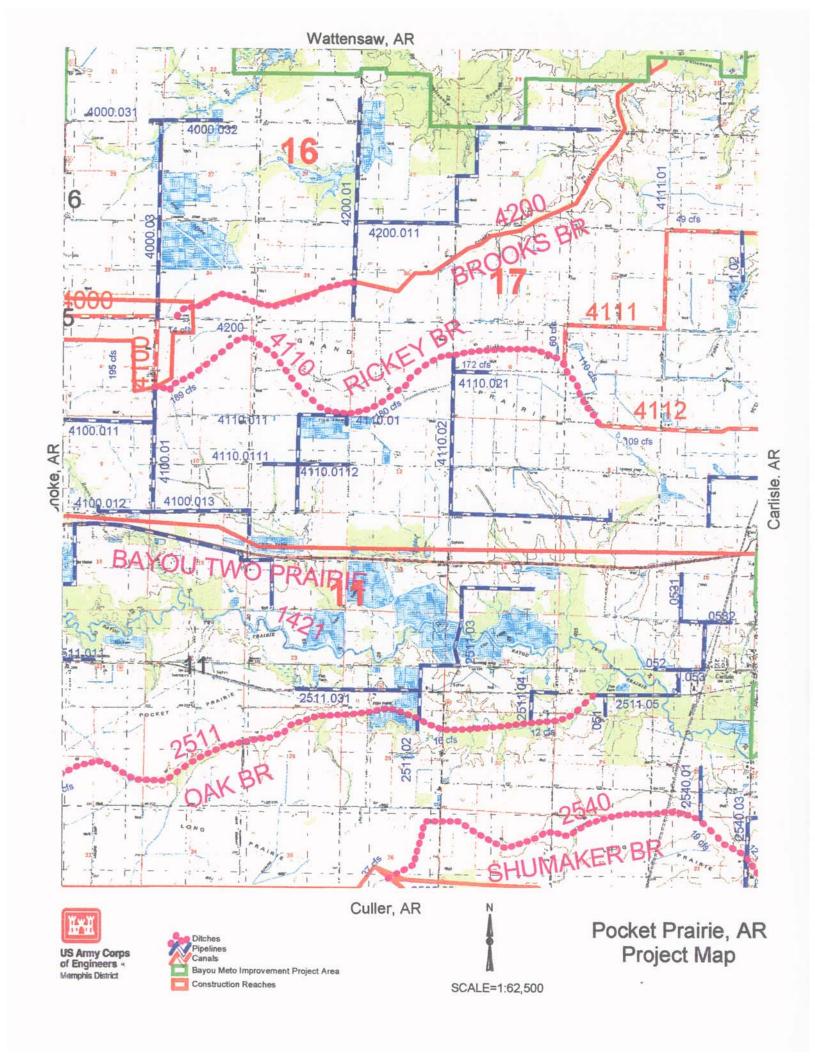


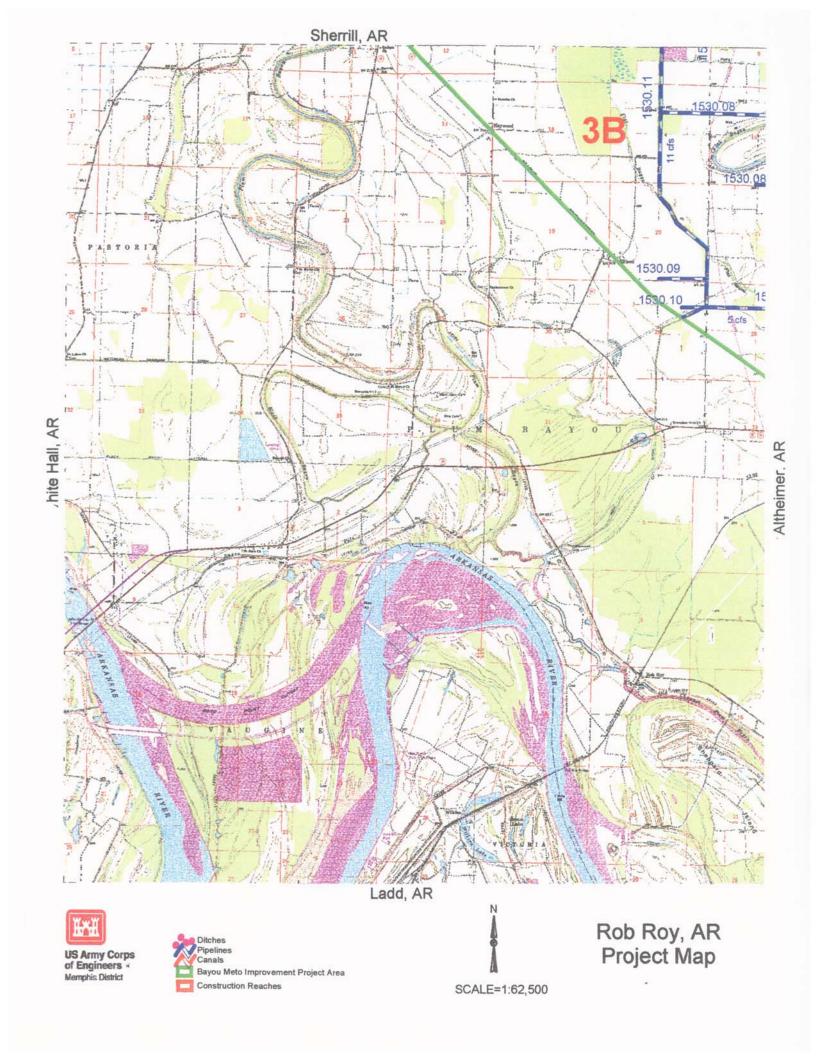


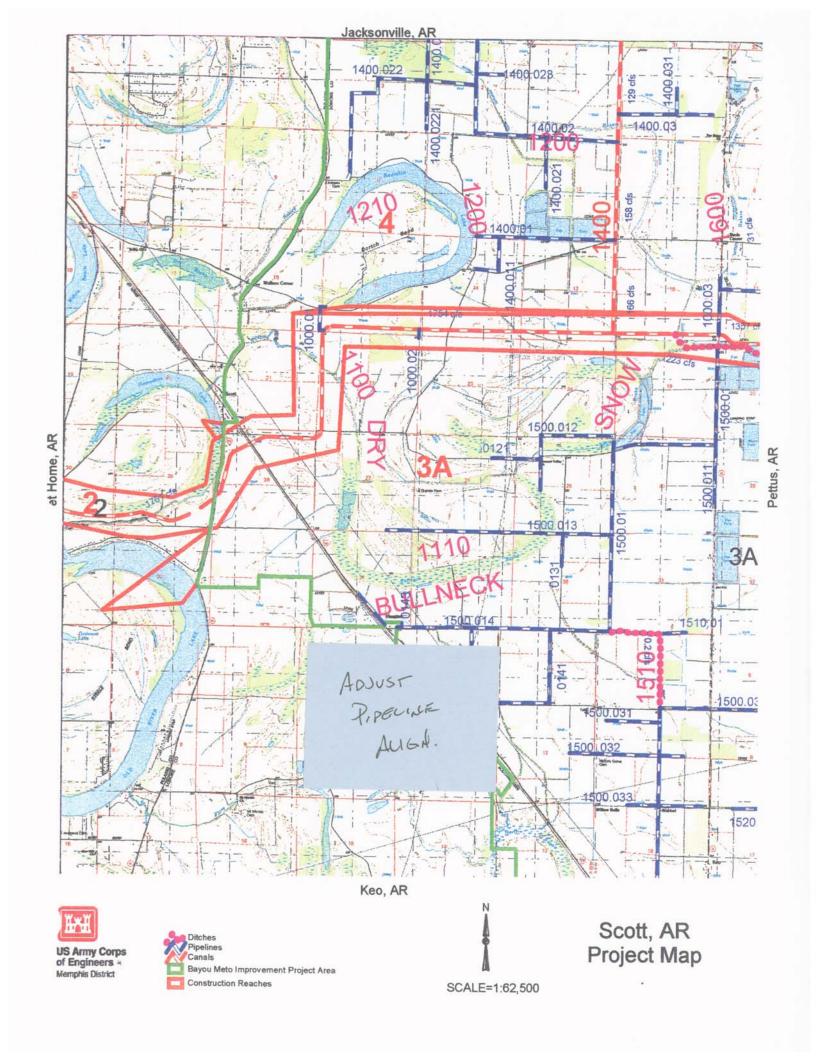


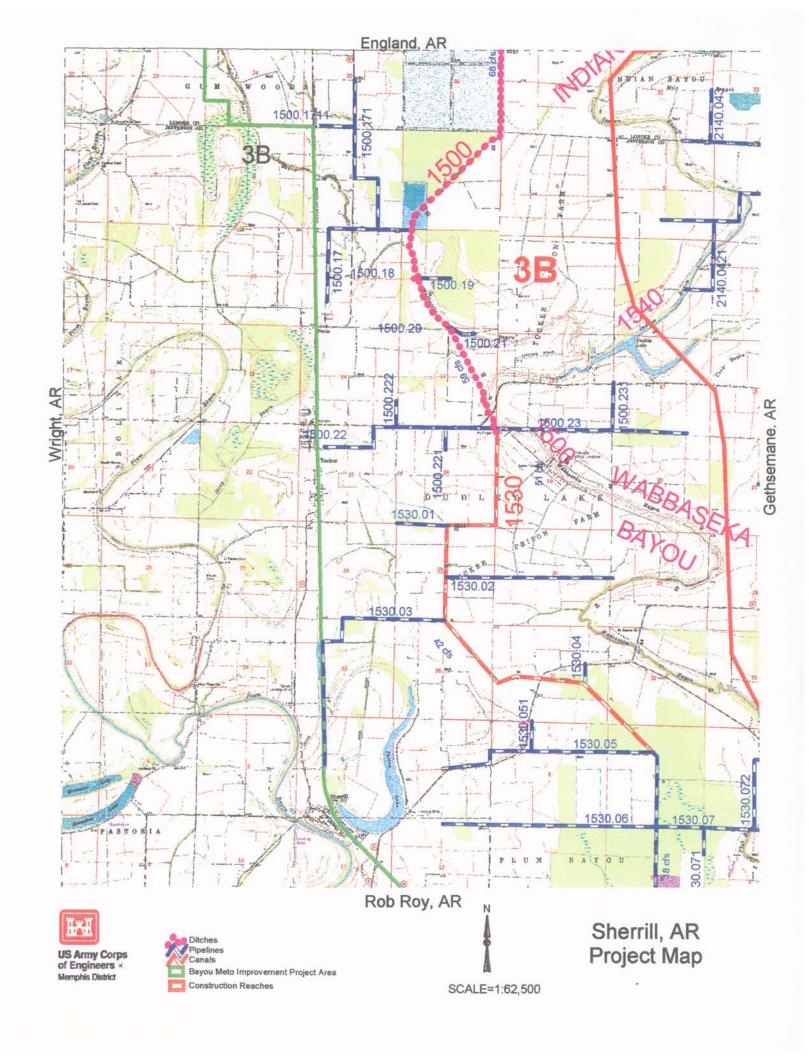


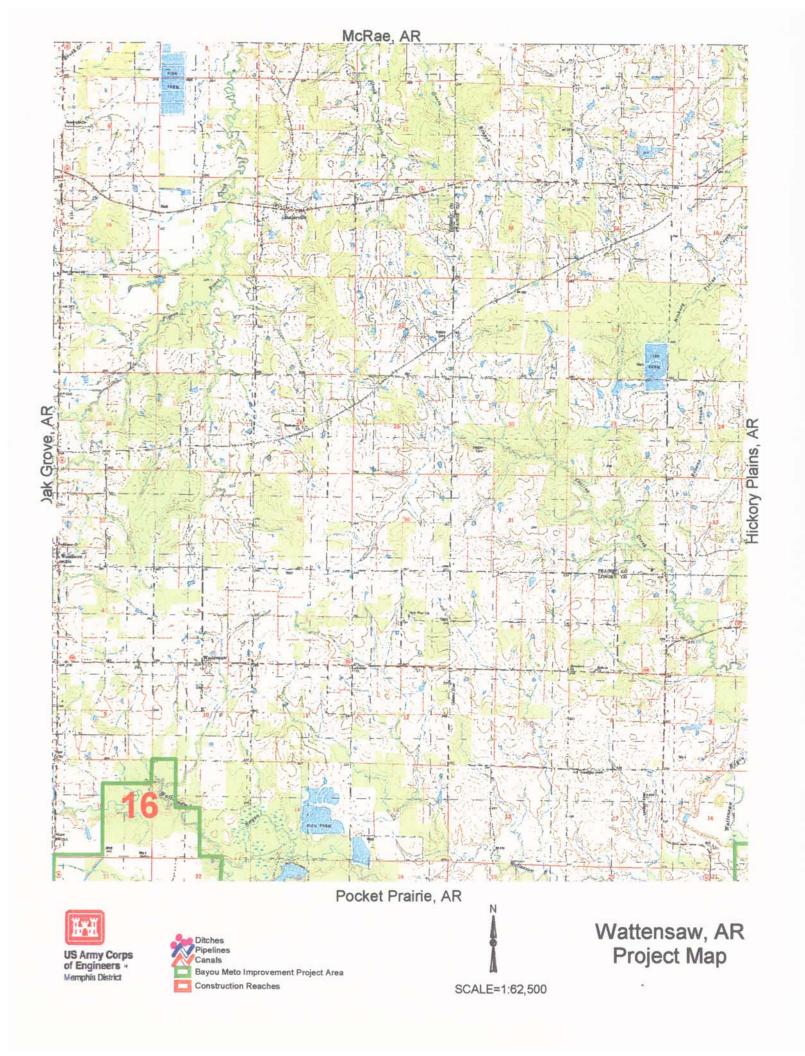








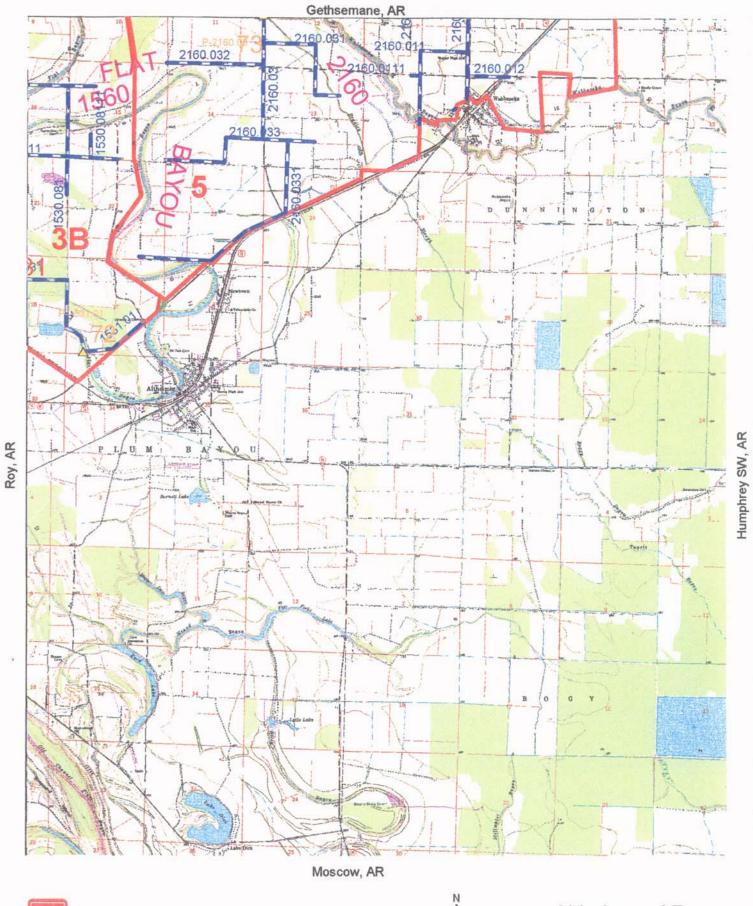




HYDRAULIC STRUCTURES

Legend for Hydraulic Structures

- Siphons
- Drop Structures
- Weirs
- Reservoirs
 - Pumps
 - Pumping Stations
 - Gatewell Structures
 - Check Structures
- Ditches
 Pipelines
 Canals
 - Bayou Meto Improvement Project Area
- Construction Reaches

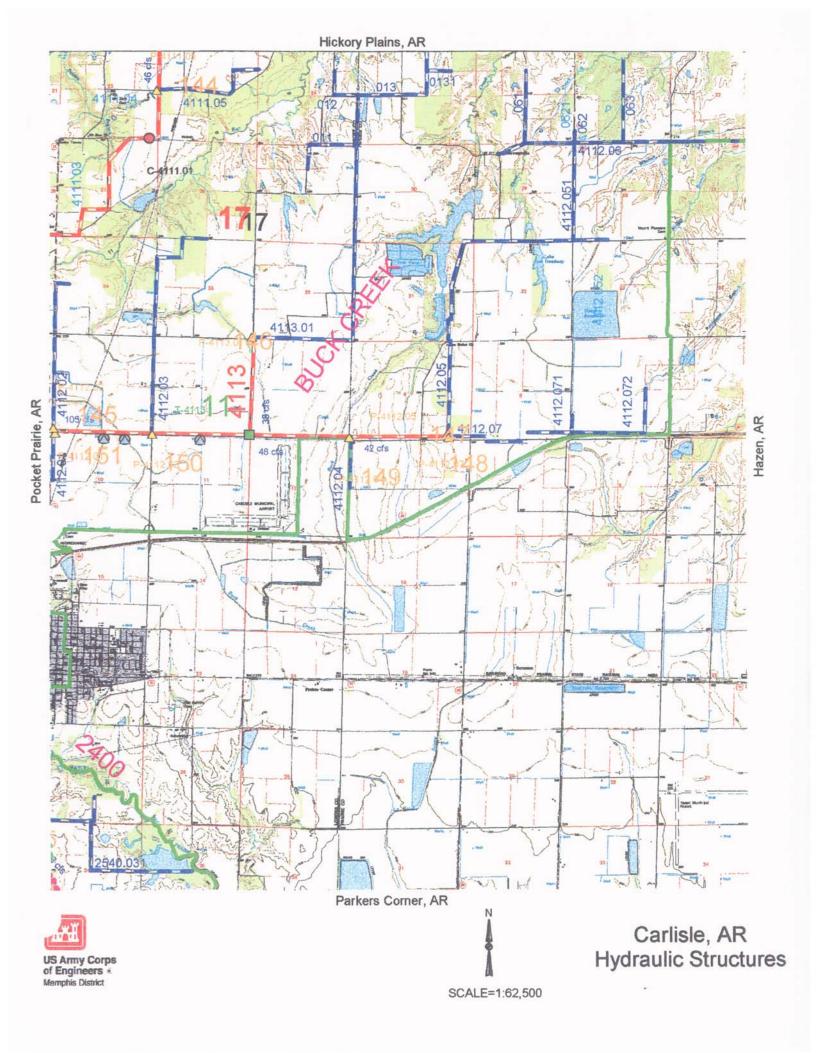


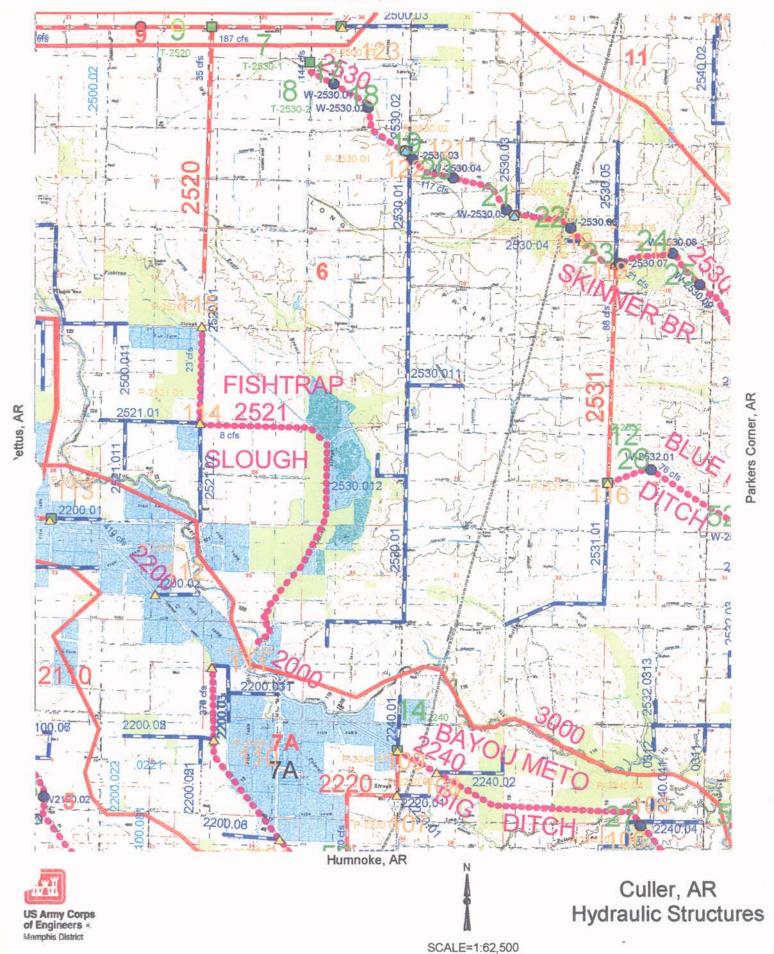


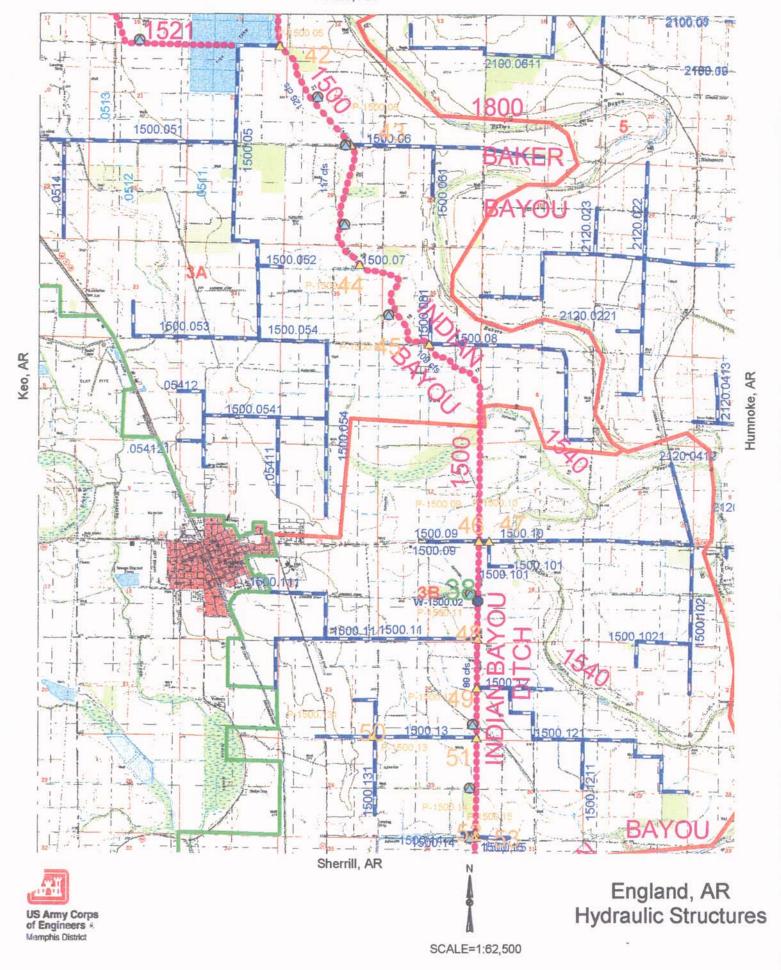


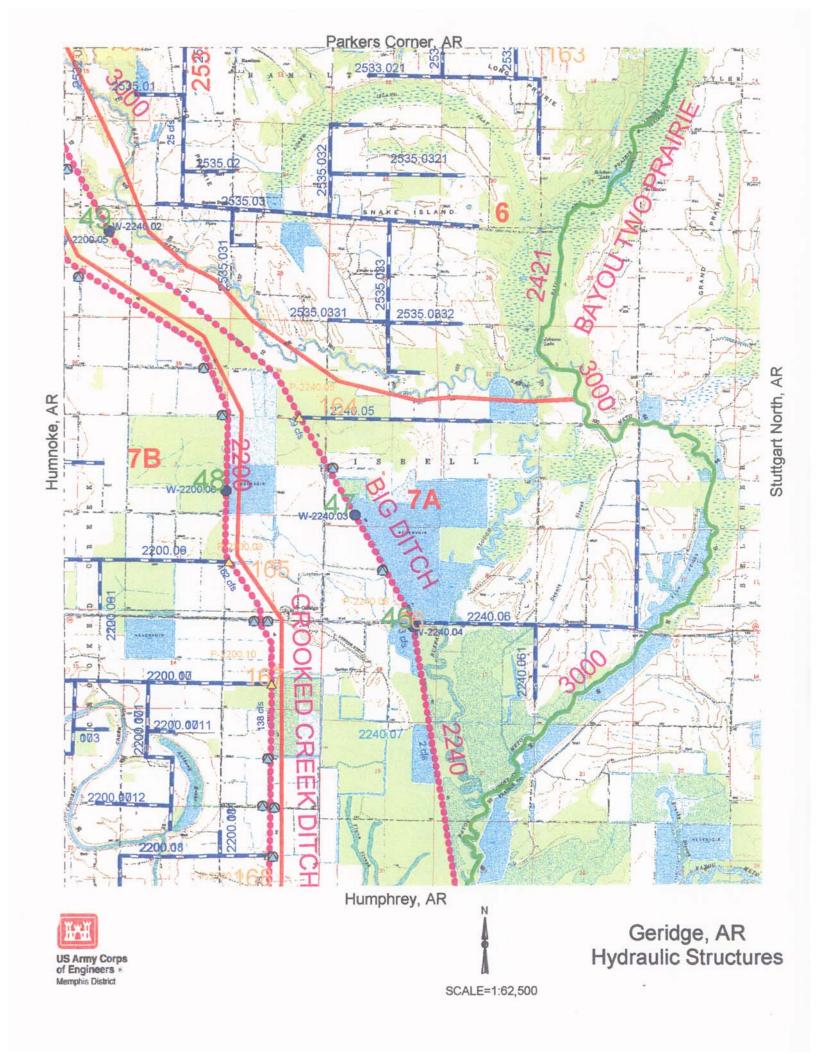
Altheimer, AR Hydraulic Structures

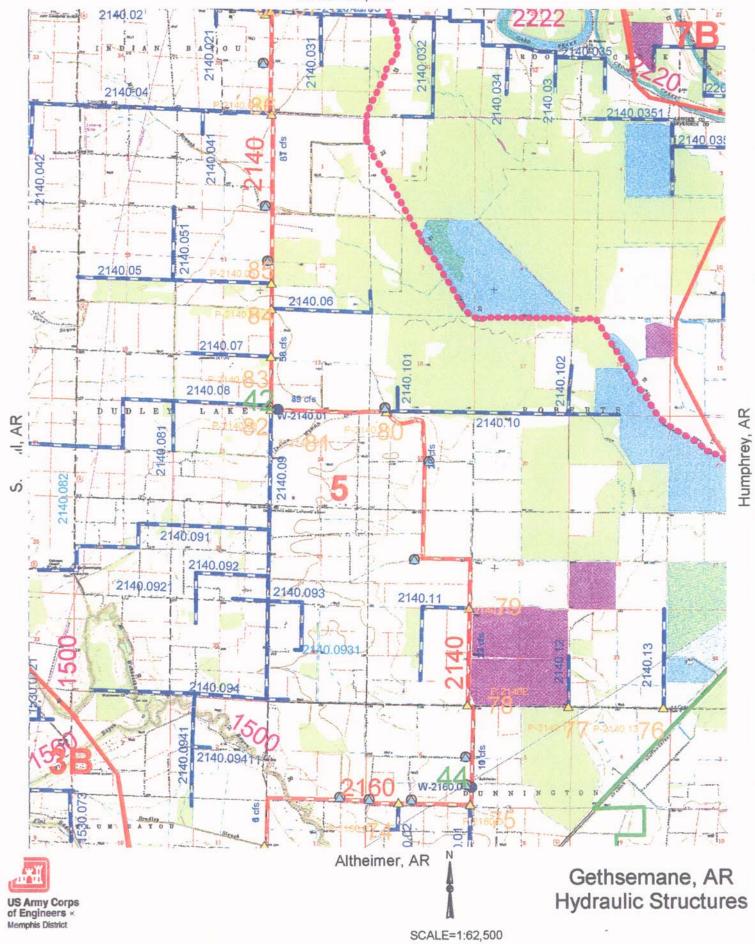
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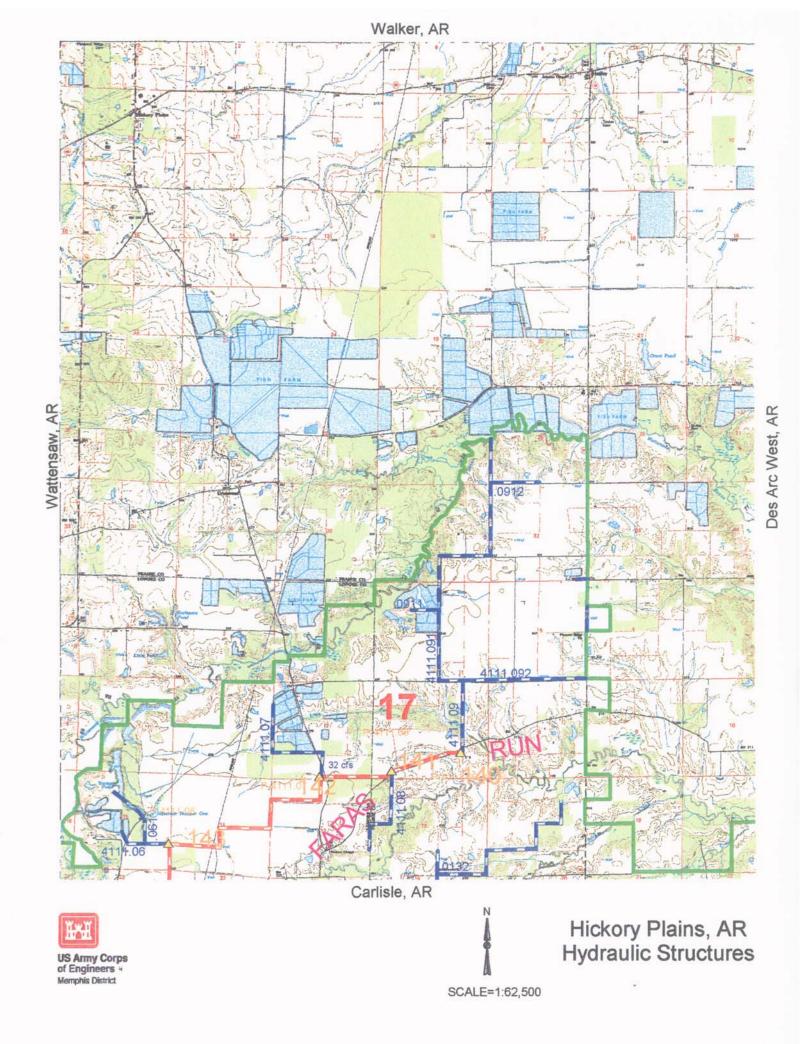


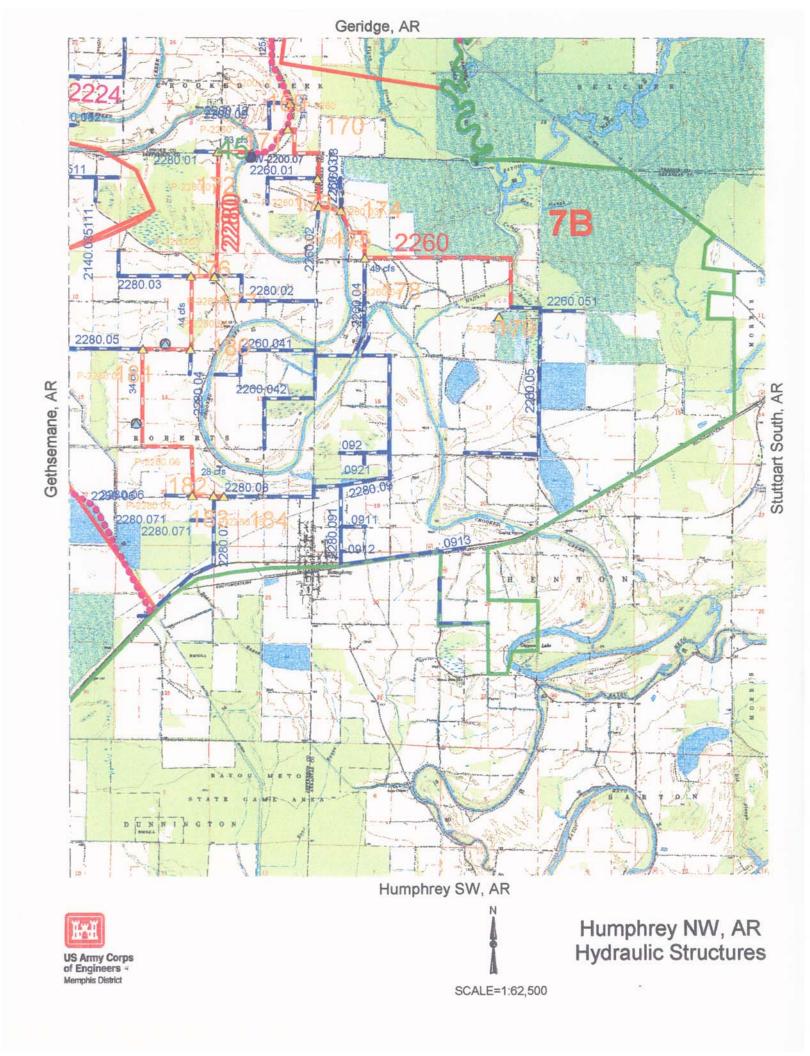


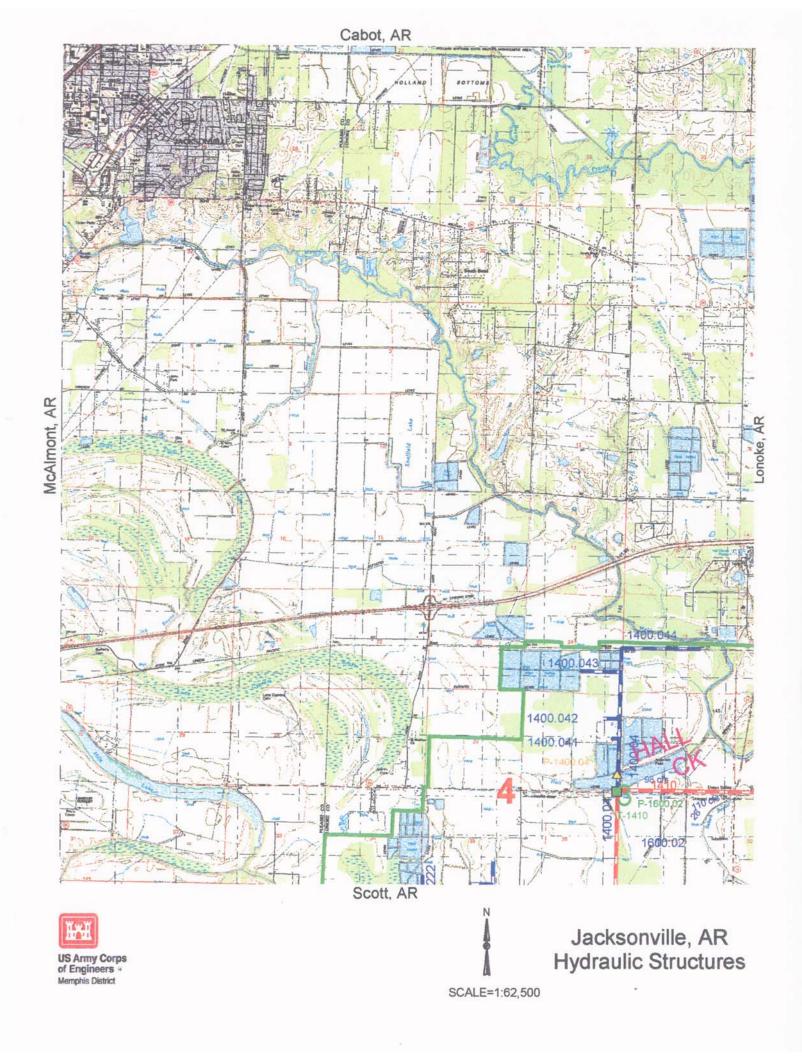




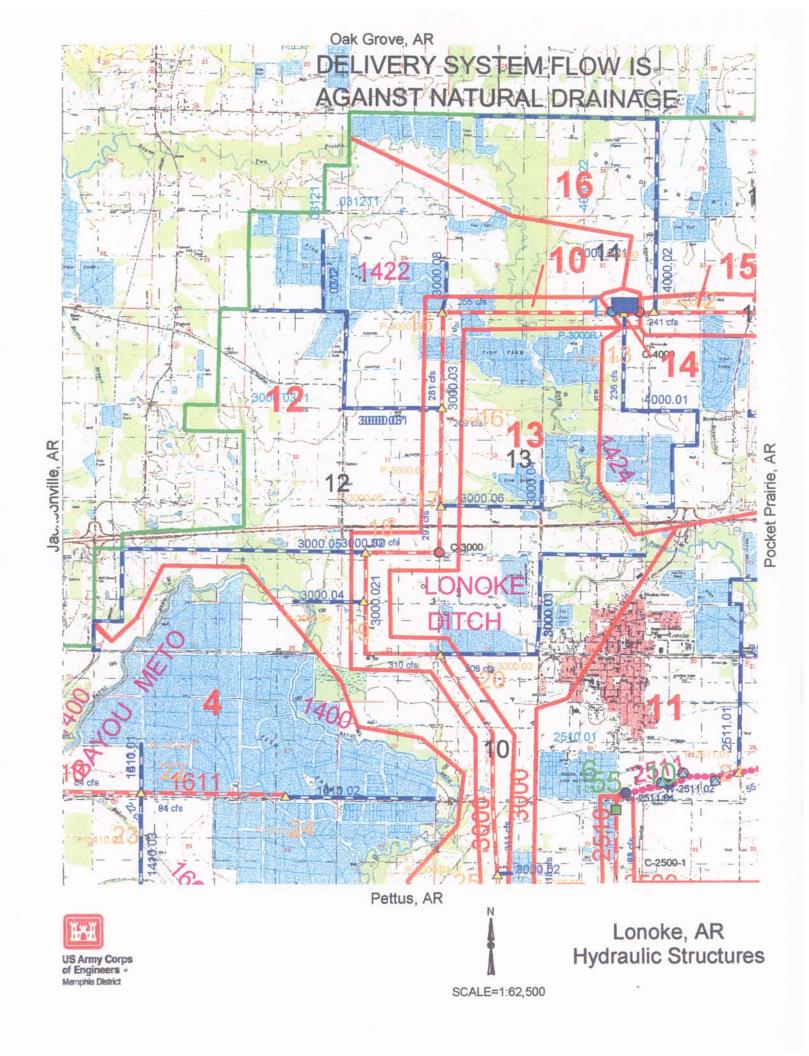


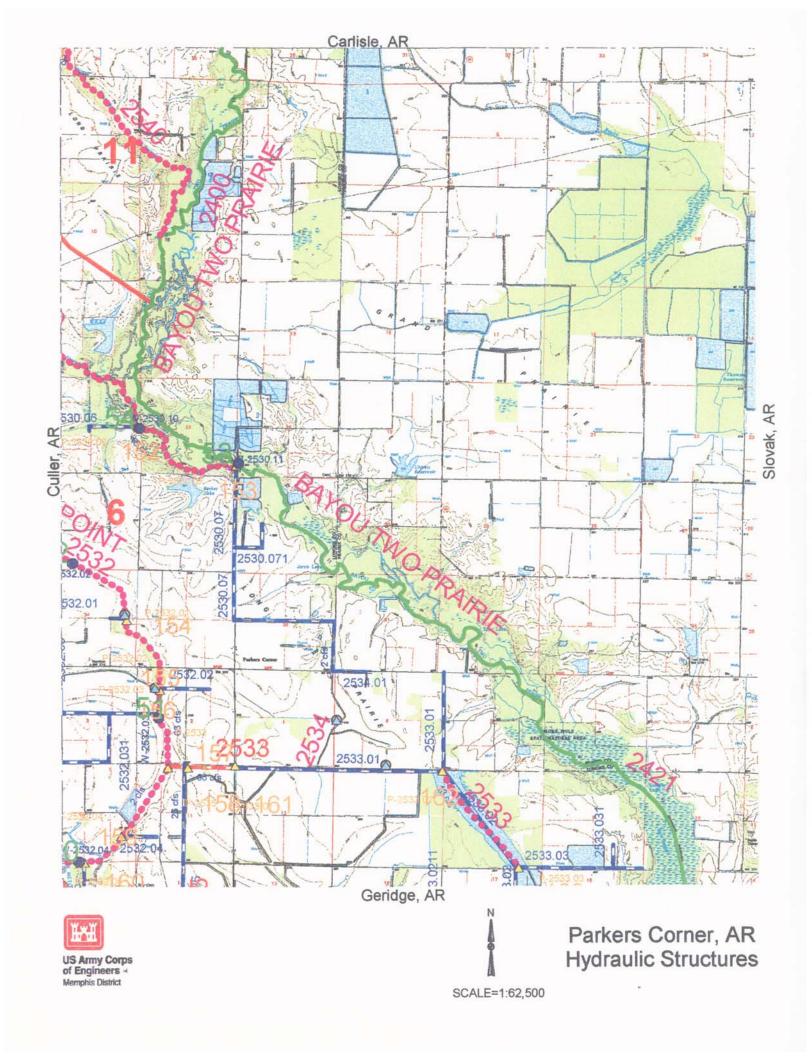


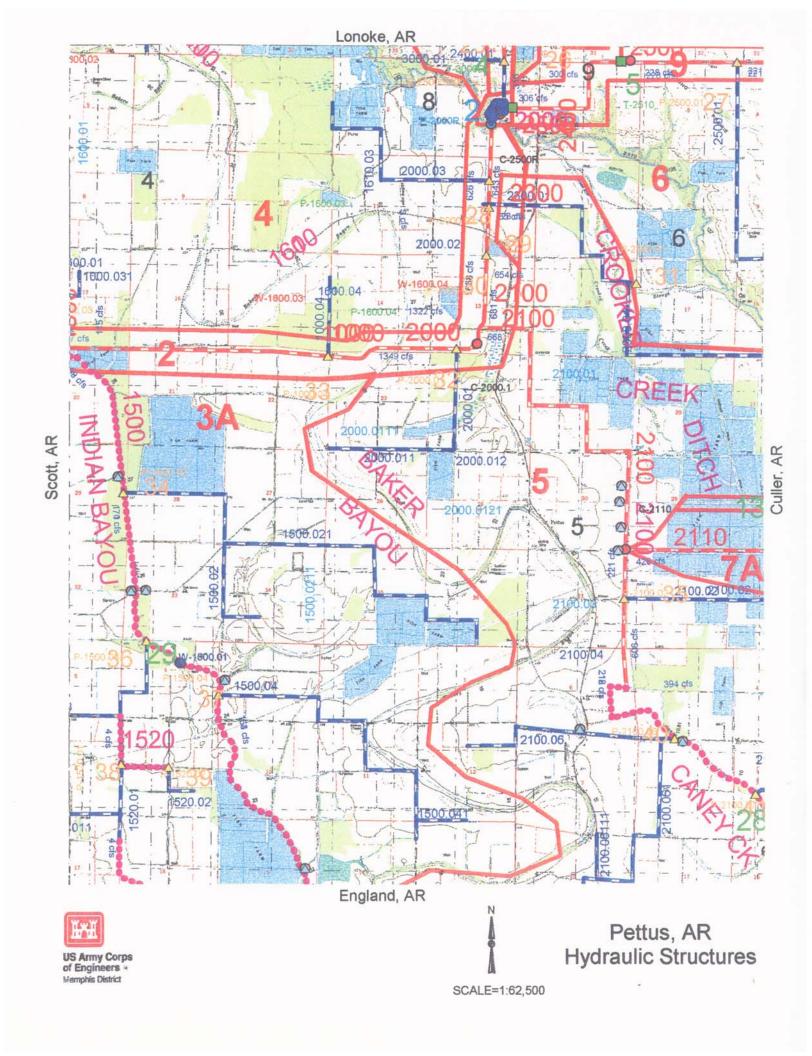


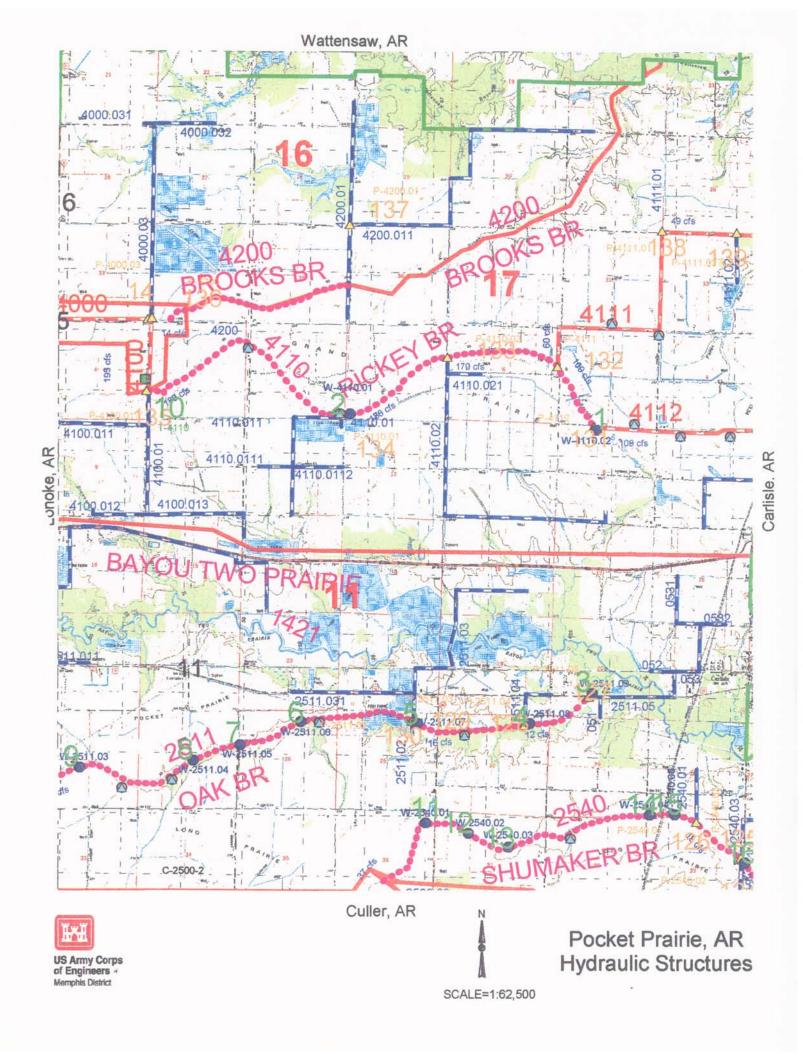


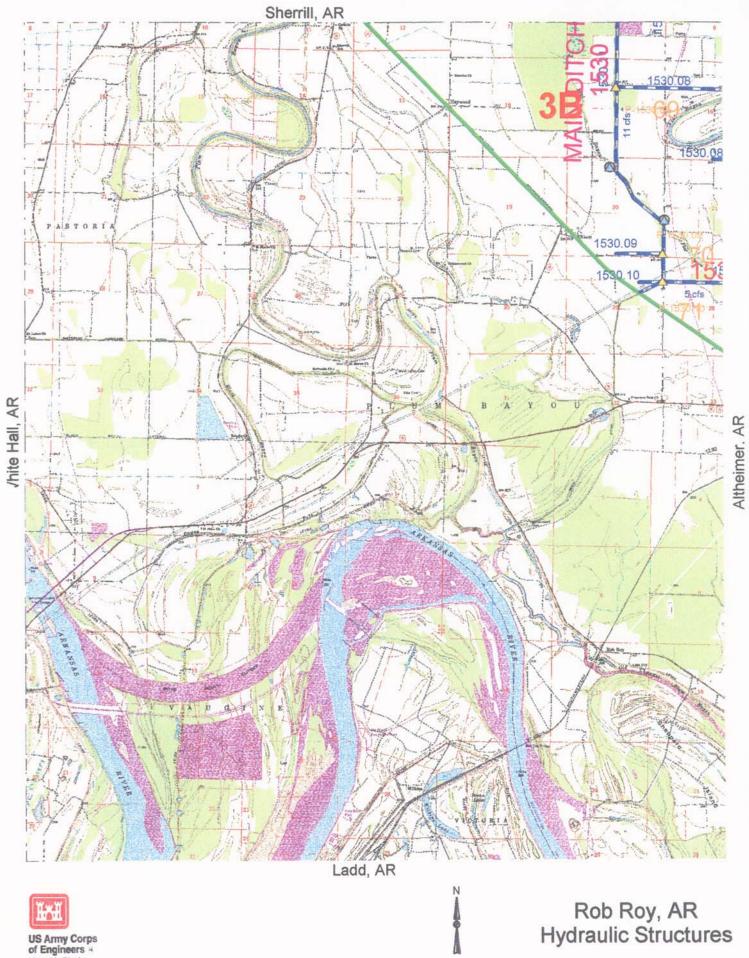






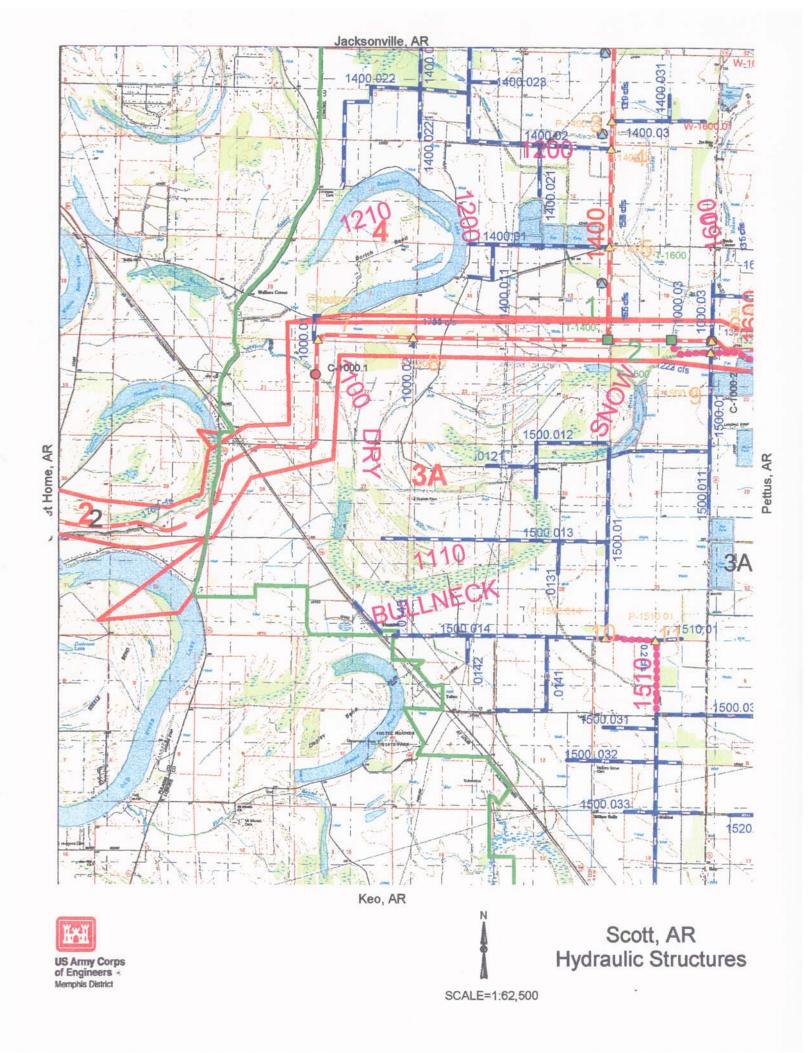


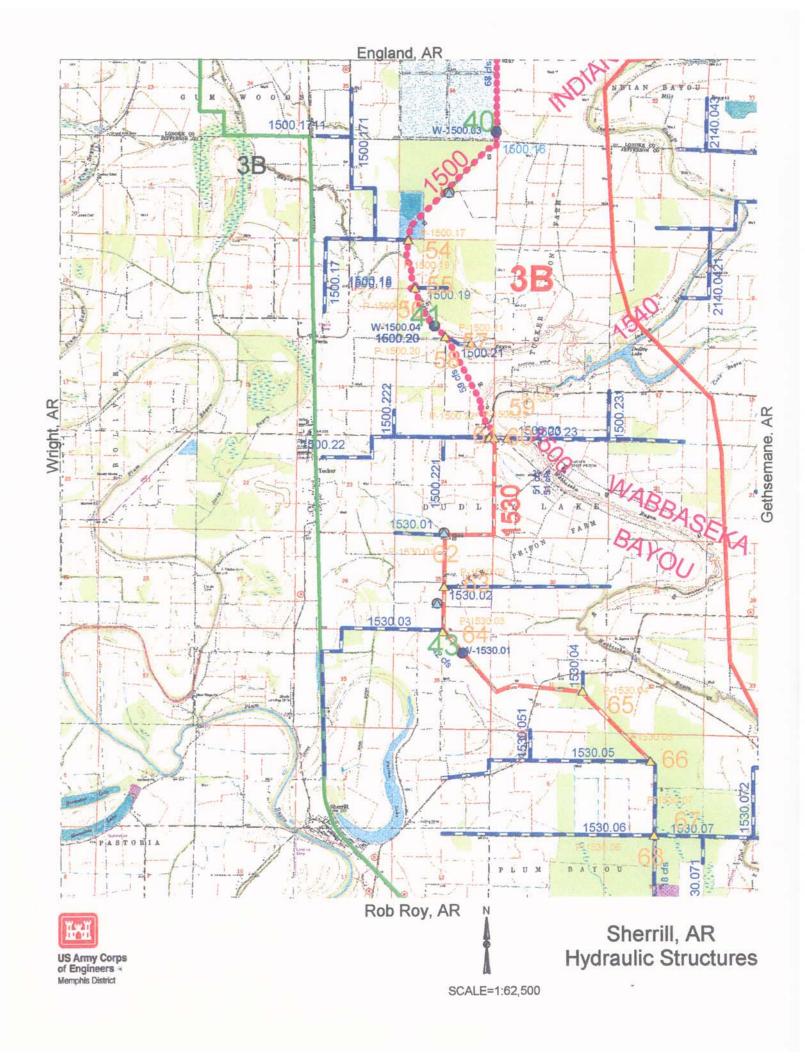


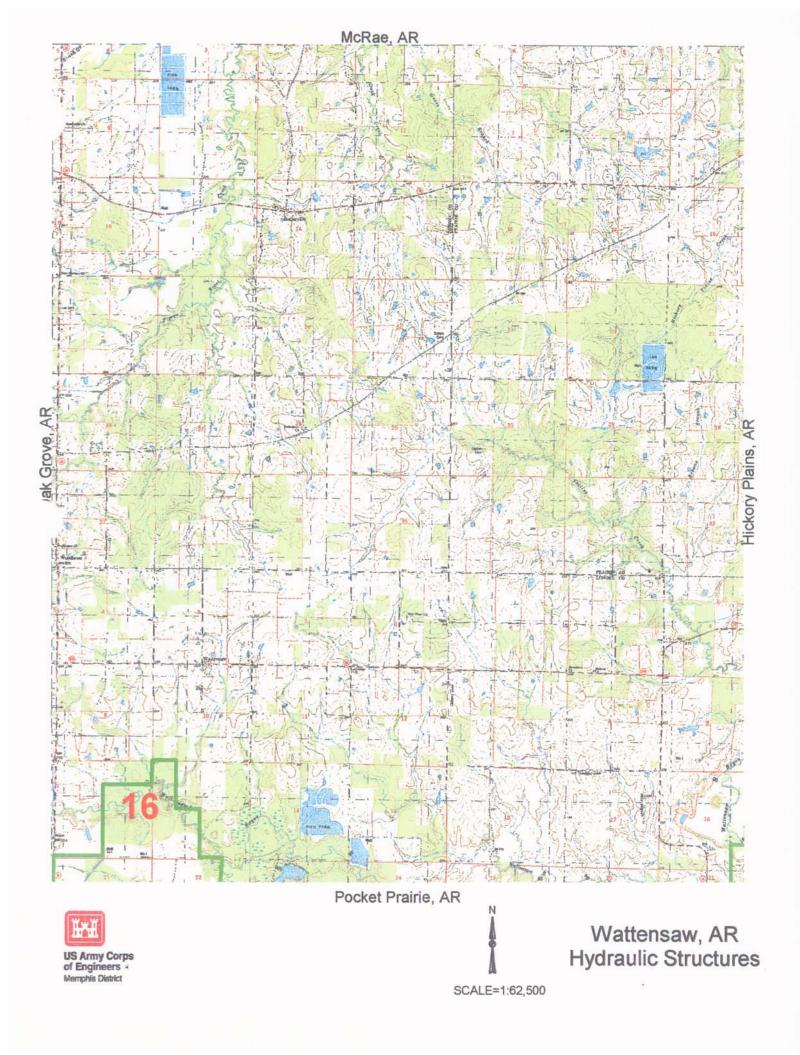








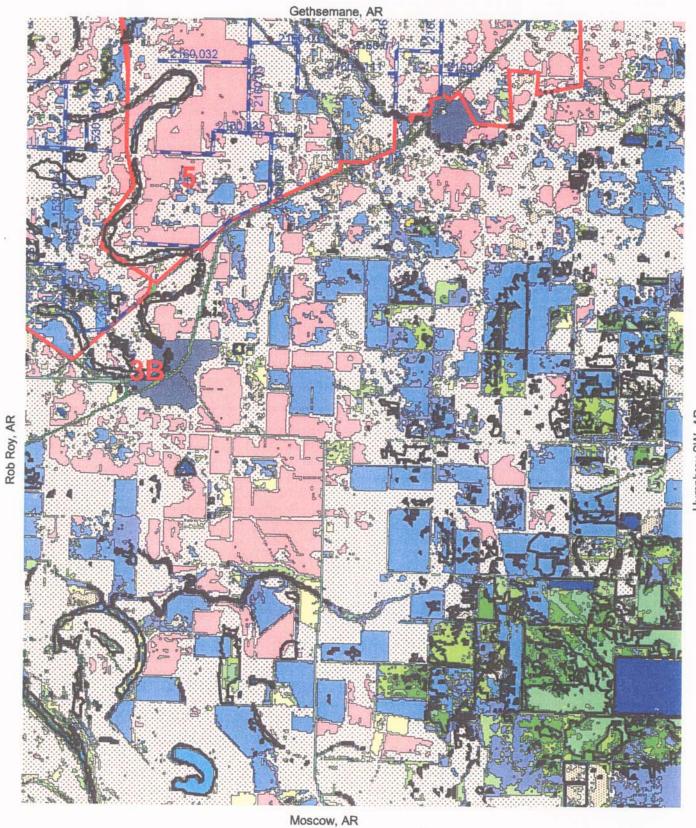




LAND USE/ LAND COVER & WETLANDS

Landuse/Landcover & Wetlands





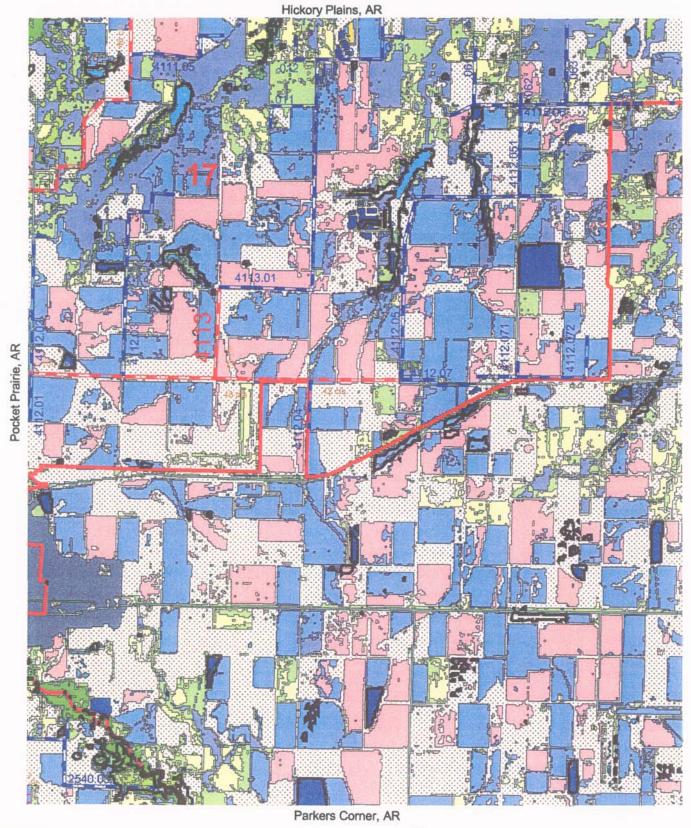




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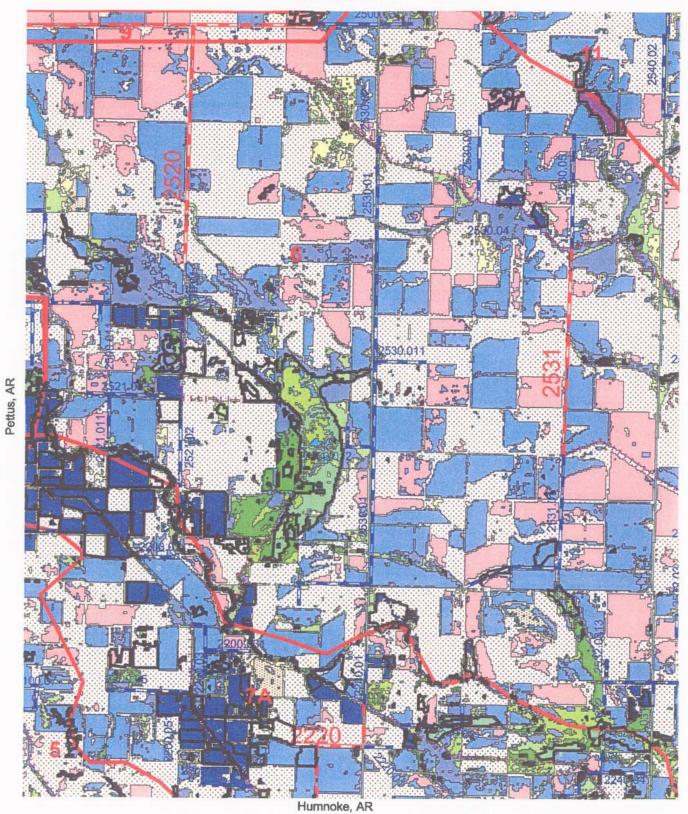
Altheimer, AR Landuse/Wetlands







Carlisle, AR Landuse/Wetlands







Culler, AR Landuse/Wetlands





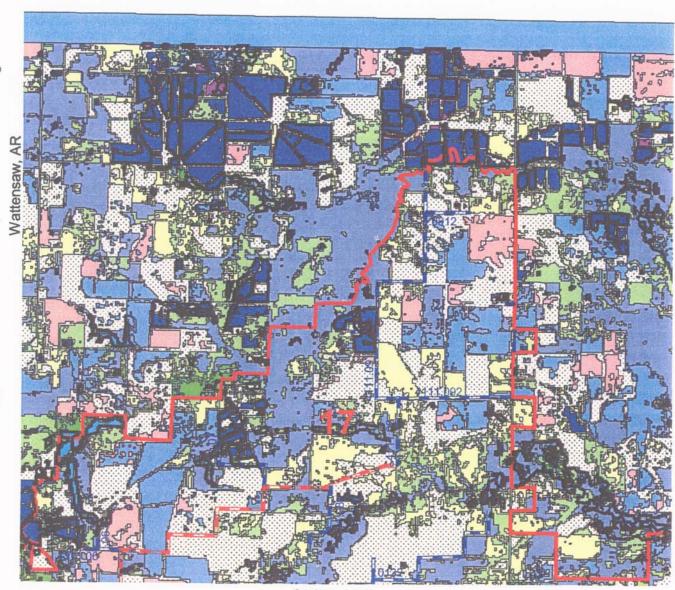
England, AR Landuse/Wetlands







Geridge, AR Landuse/Wetlands

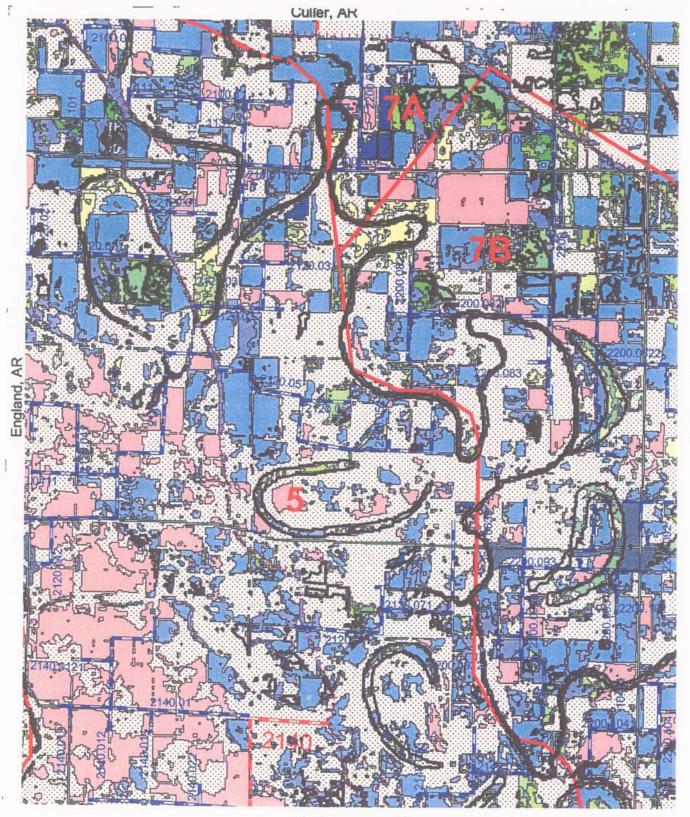


Carlisle, AR





Hickory Plains, AR Landuse/Wetlands



Gethsemane, AR



US Army Corps of Engineers (4 Memphis District



Humnoke, AR Landuse/Wetlands





US Army Corps of Engineers : Memphis District



Humphrey NW, AR Landuse/Wetlands



US Army Corps of Engineers :4 Memphis District



Jacksonville, AR Landuse/Wetlands





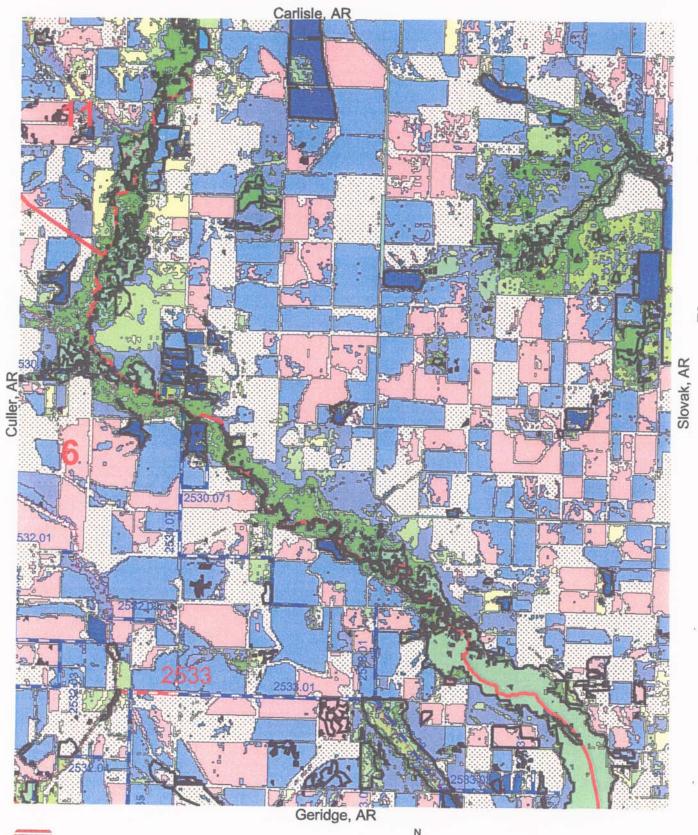


Keo, AR Landuse/Wetlands





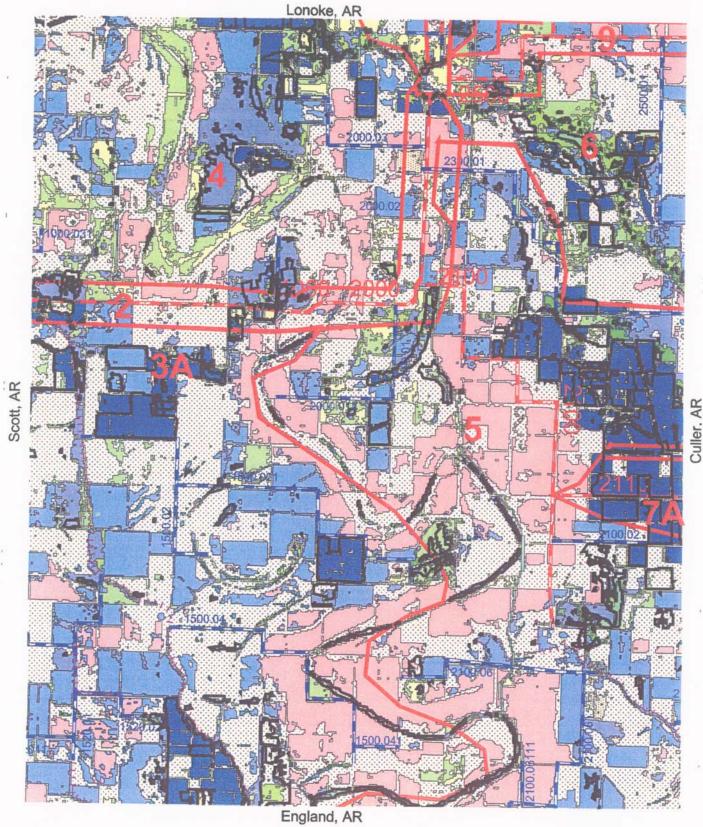
Lonoke, AR Landuse/Wetlands







Parkers Corner, AR Landuse/Wetlands





DE PRODUCTION OF MANAGEMENT





Pettus, AR Landuse/Wetlands





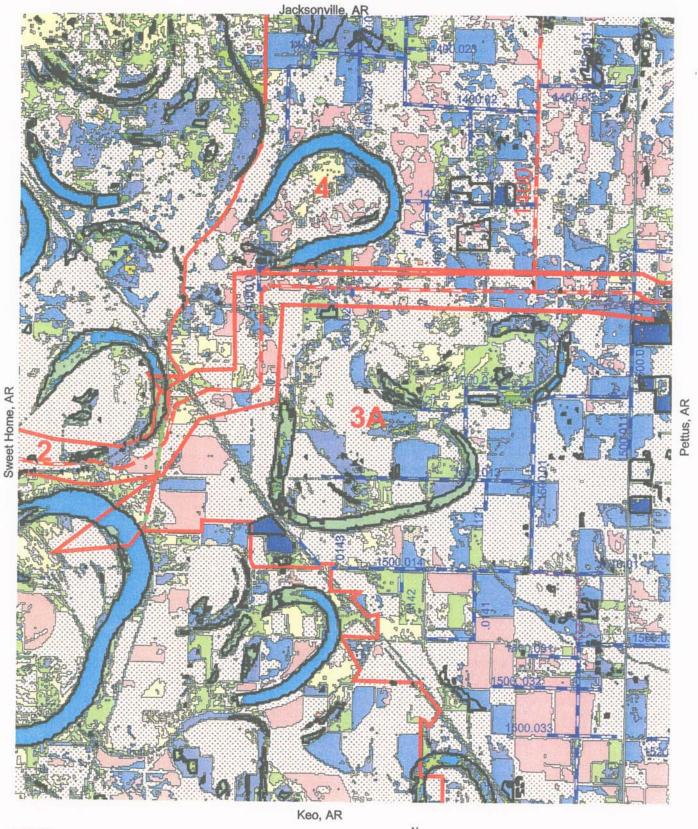


Pocket Prairie, AR Landuse/Wetlands





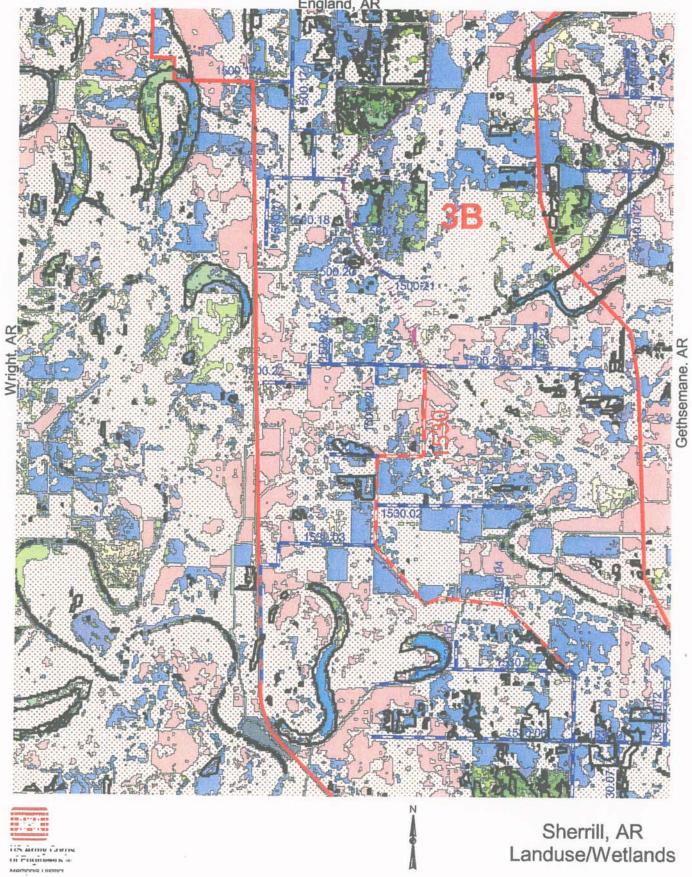
Rob Roy, AR Landuse/Wetlands



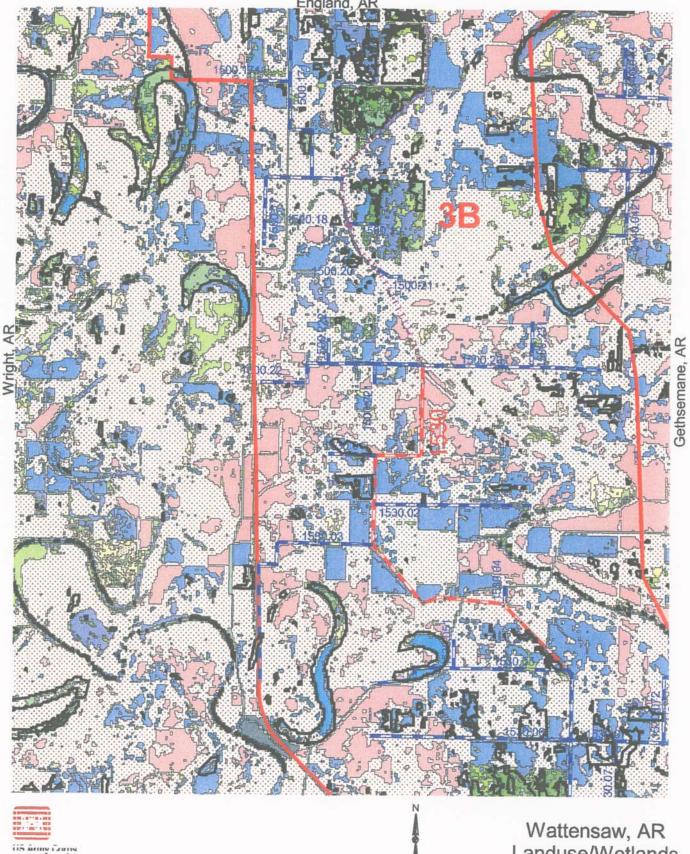




Scott, AR Landuse/Wetlands





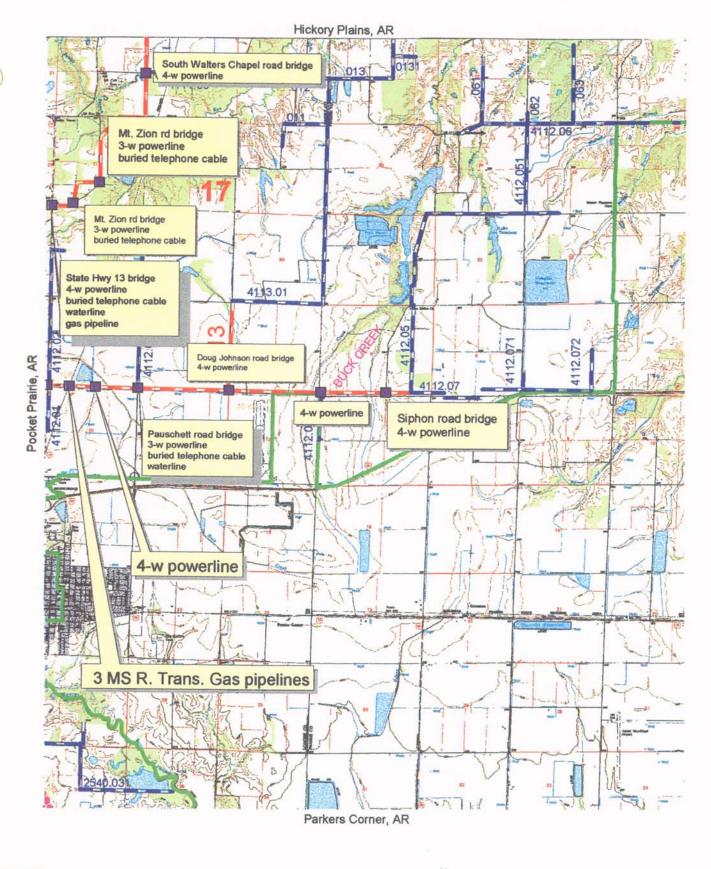


LIS AFING CAUTE IN PRODUMENTS IN MORNING LIGHT



Wattensaw, AR Landuse/Wetlands

RELOCATIONS

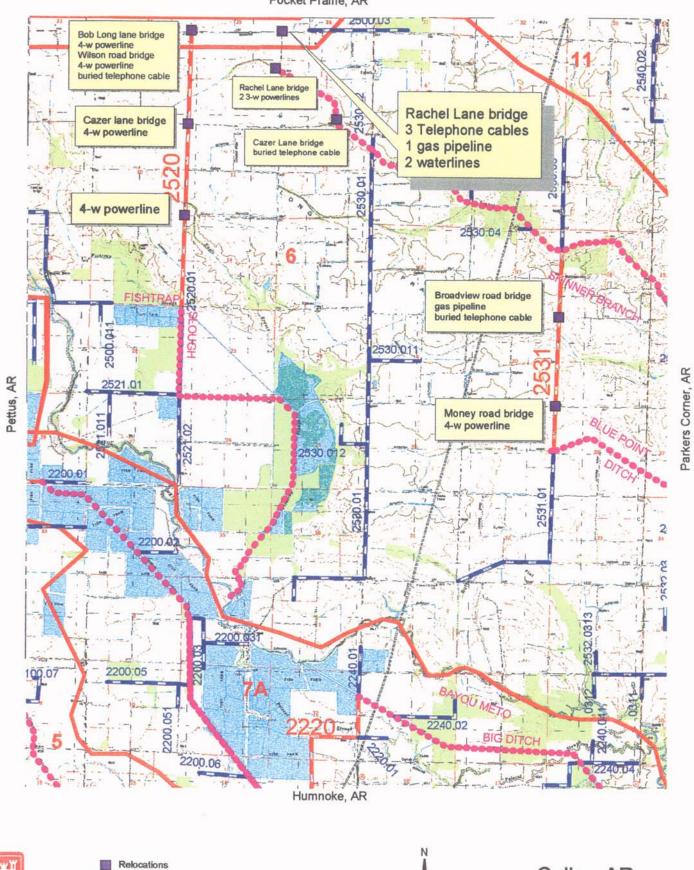








Carlisle, AR Relocations

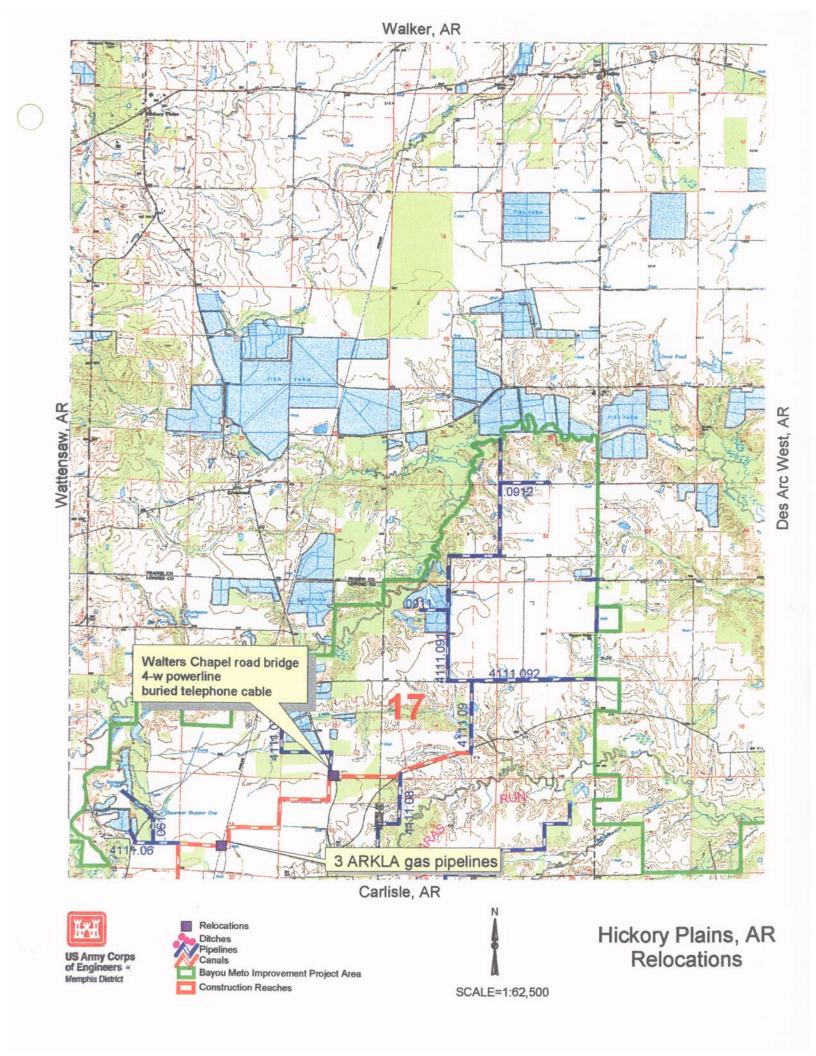


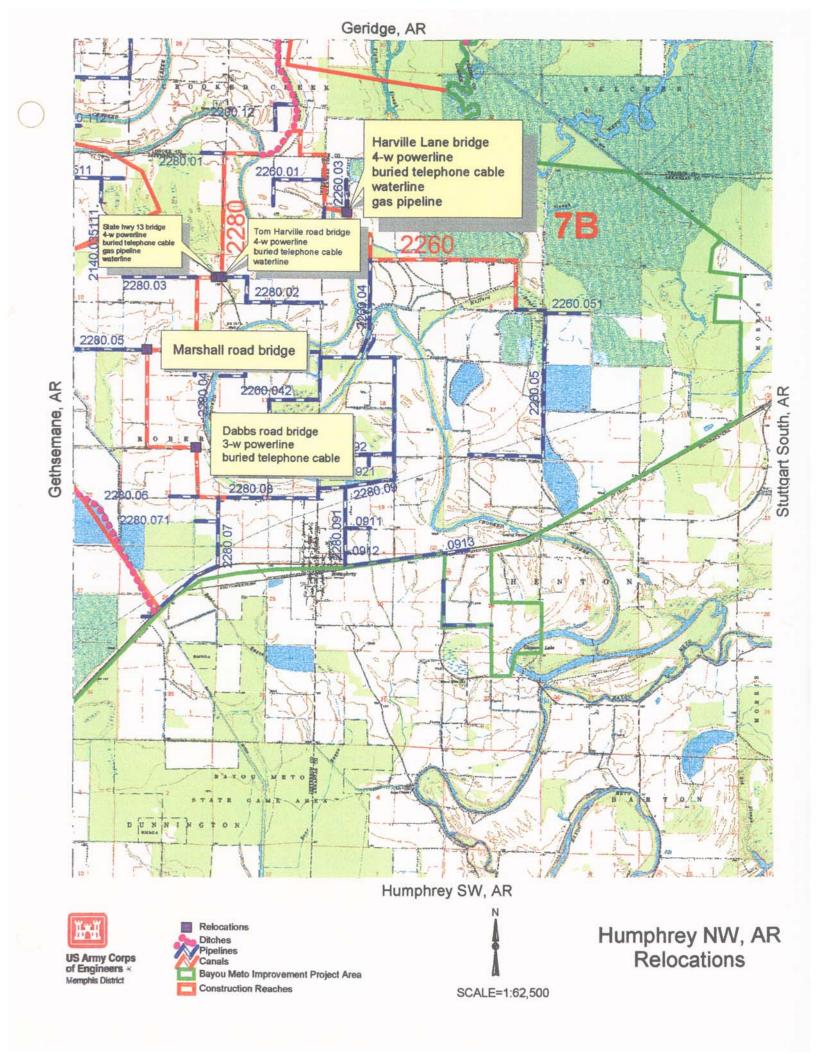


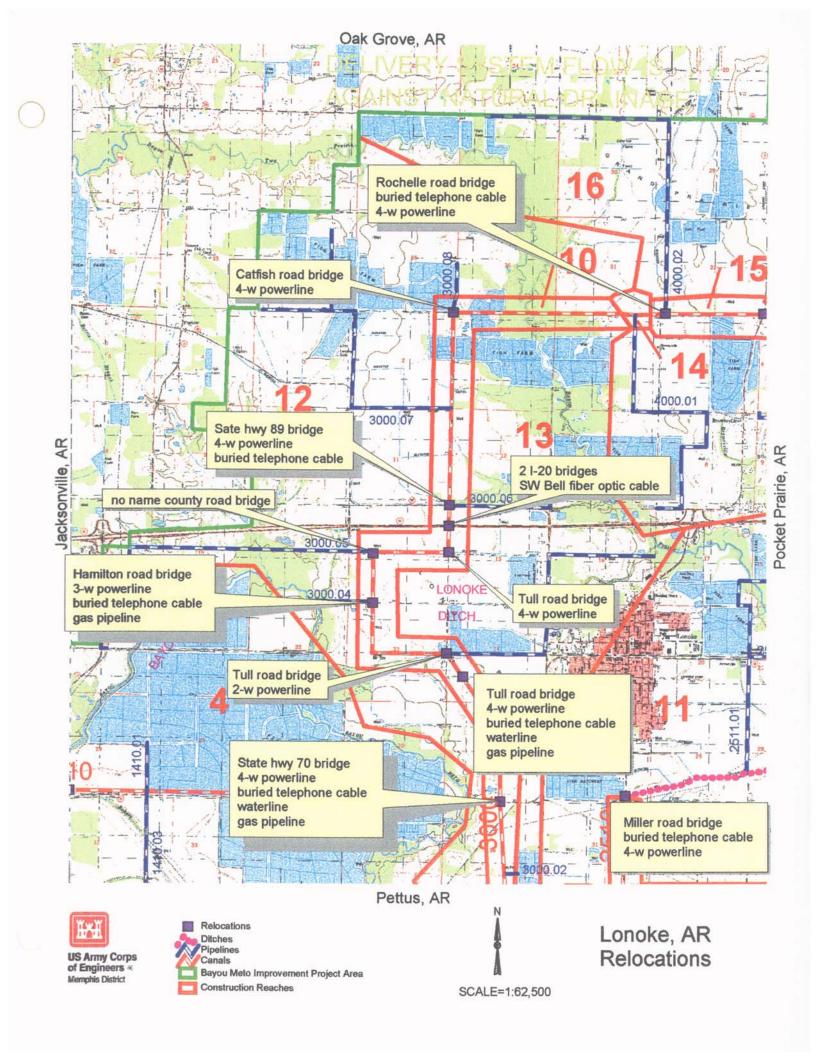


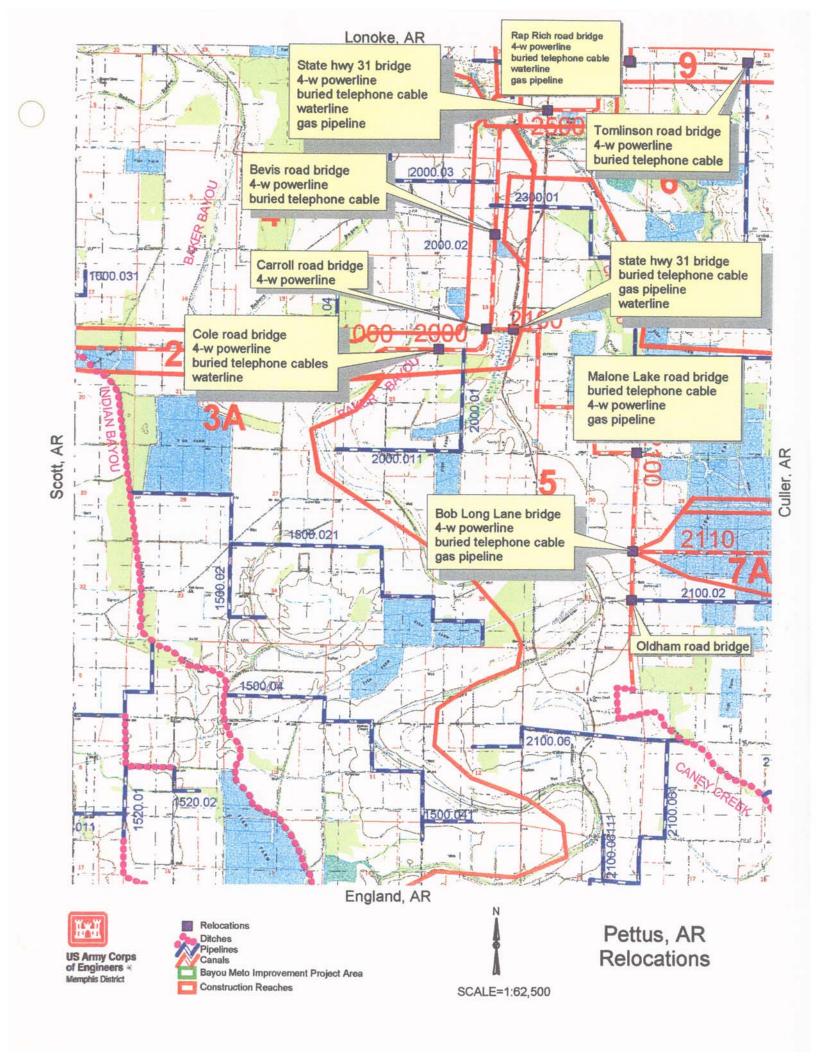


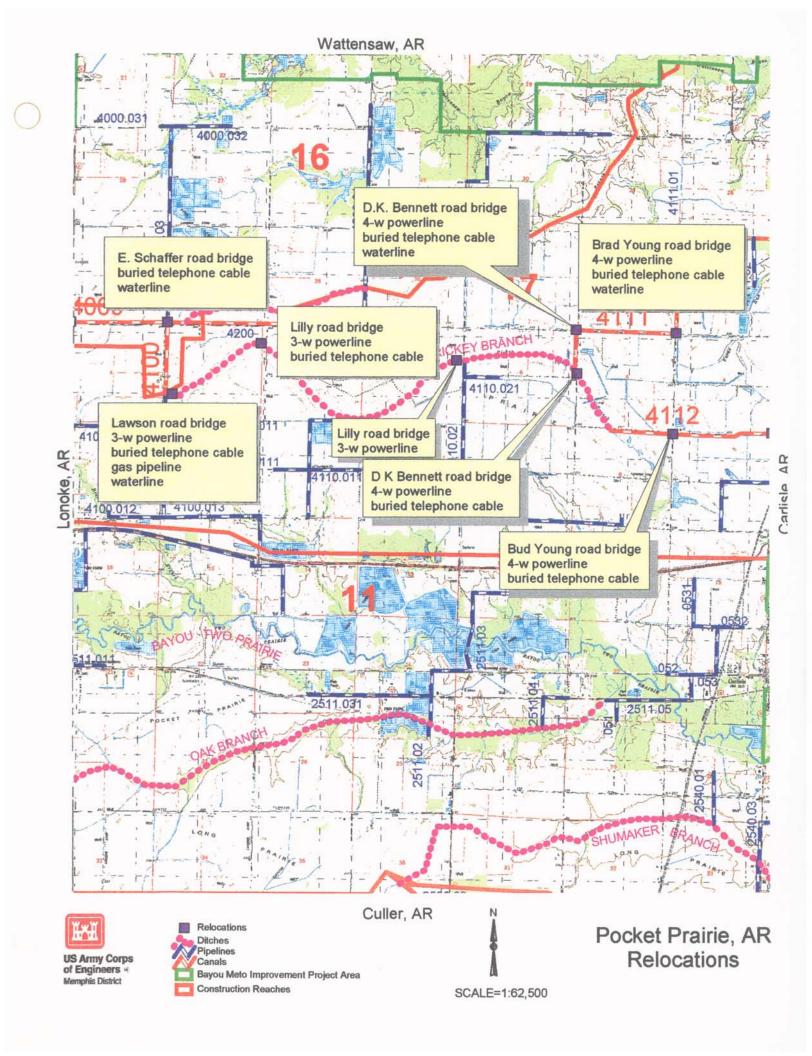
Culler, AR Relocations









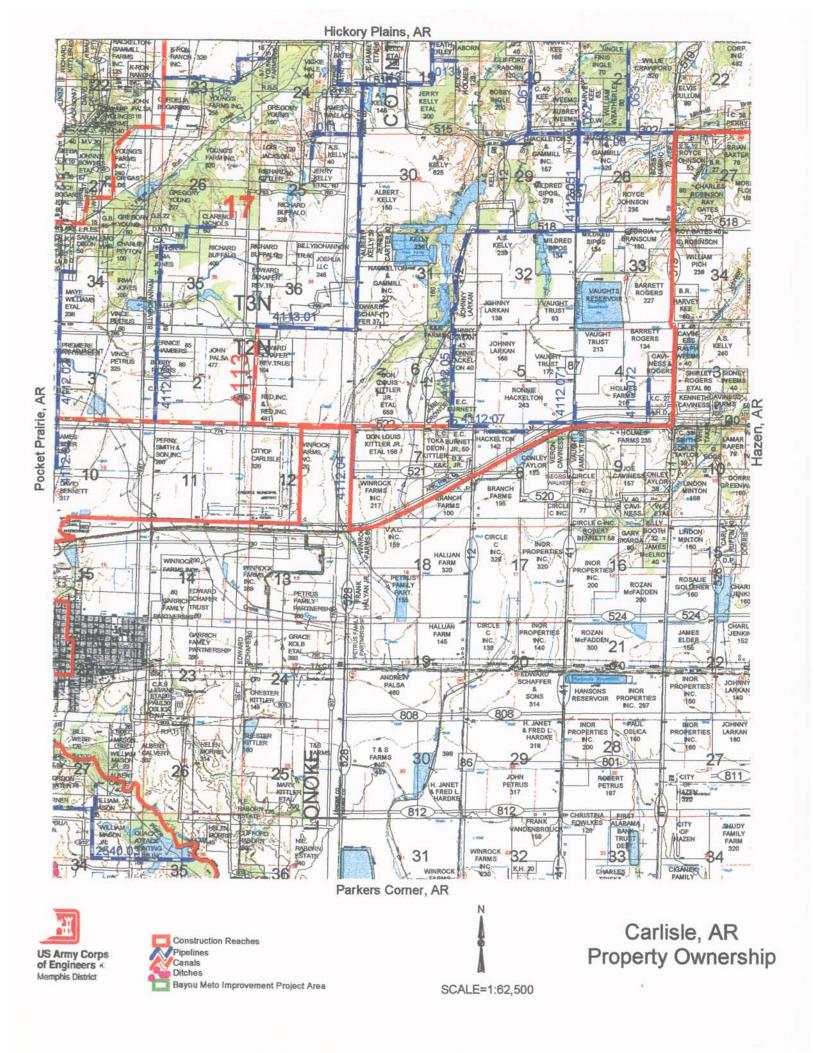




PROPERTY OWNERSHIP

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Gethsemane, AR



SCALE=1:62,500

Bayou Meto Improvement Project Area

Parkers Corner, AR







England, AR Property Ownership

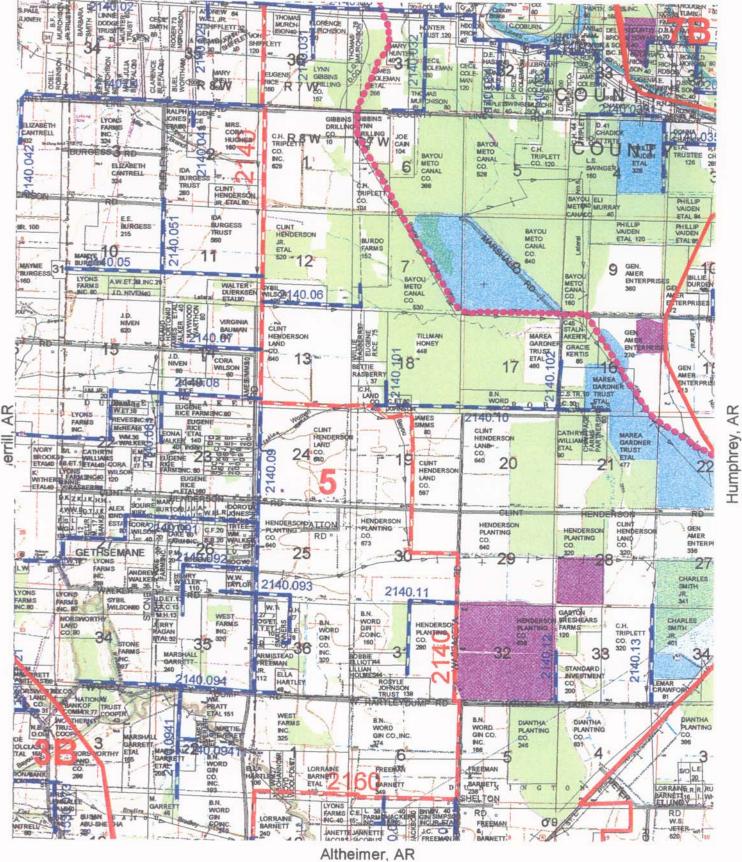
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Ditches

Bayou Meto Improvement Project Area

Memphis District









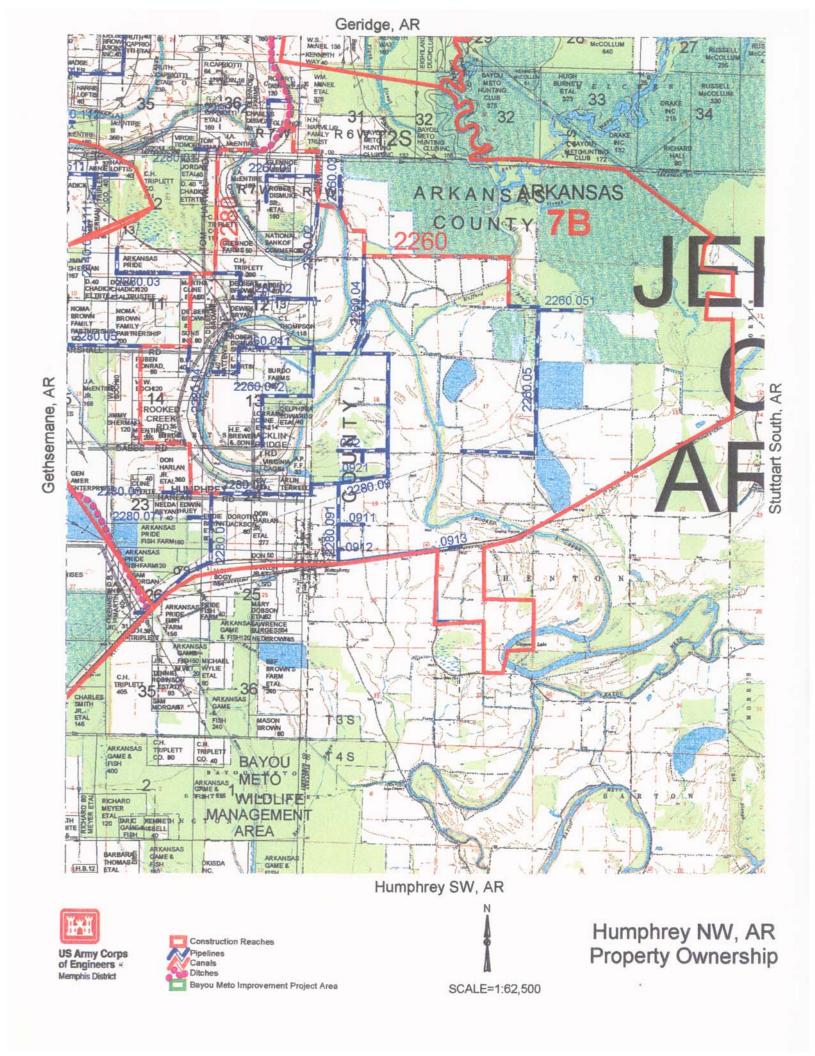
Gethsemane, AR Property Ownership

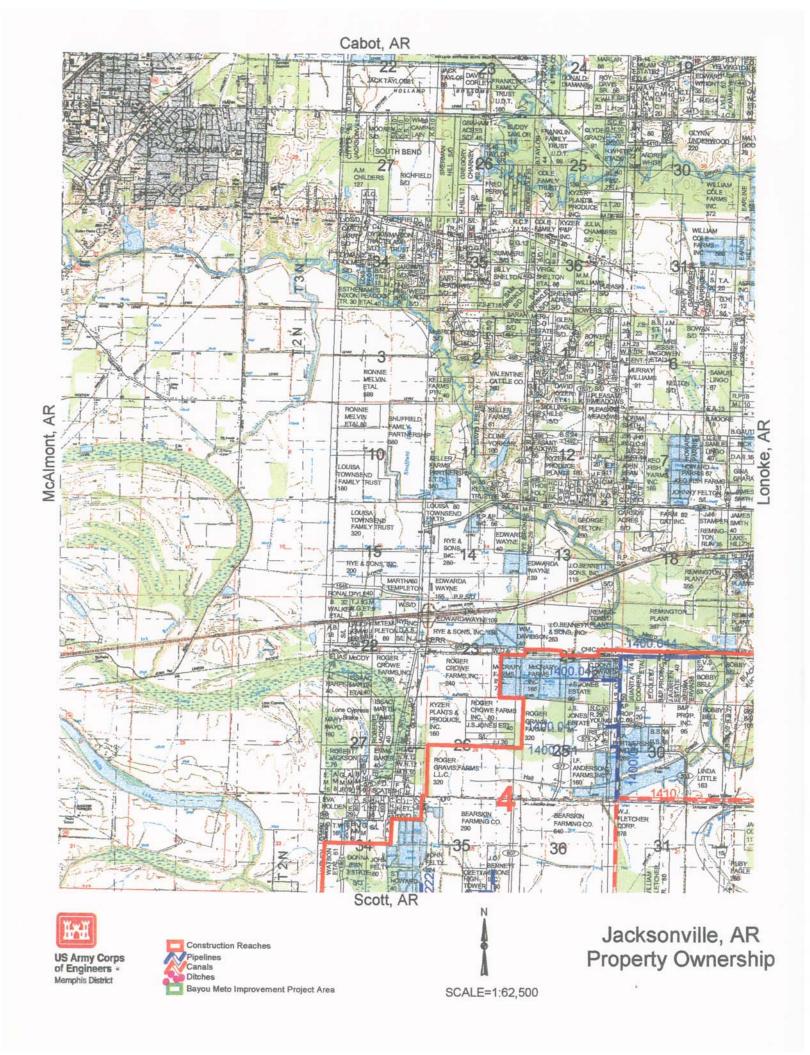
US Army Corps of Engineers 4 Memphis District

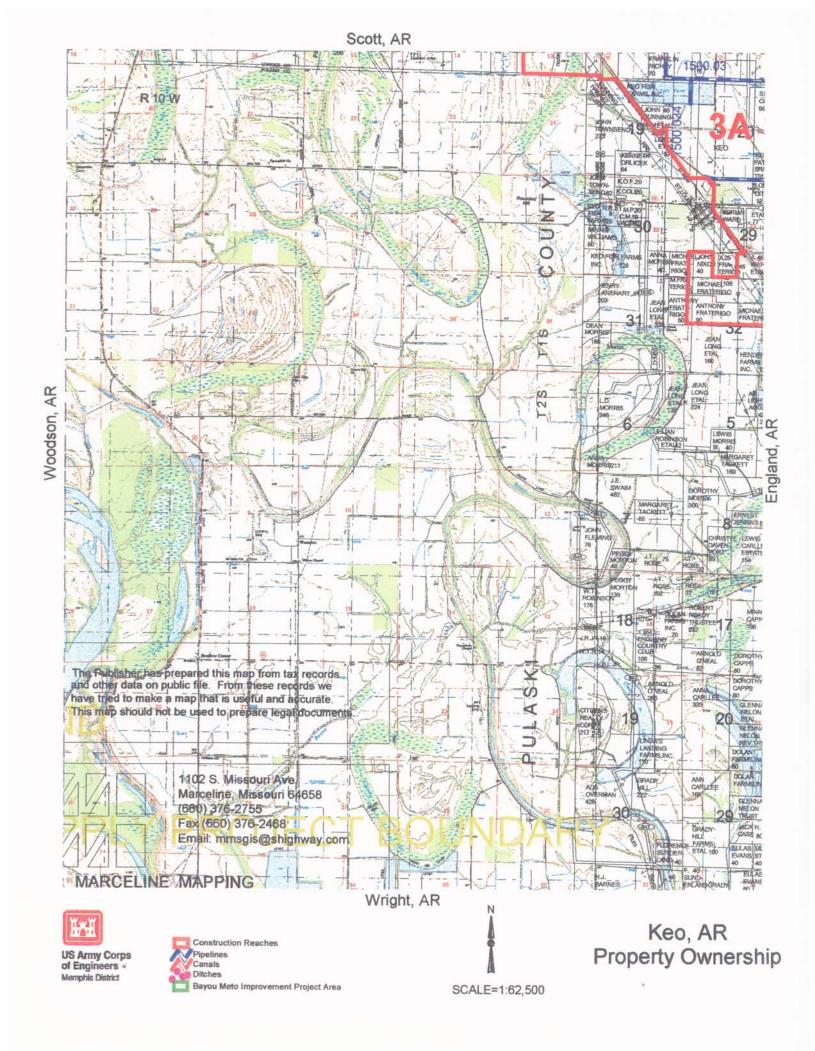


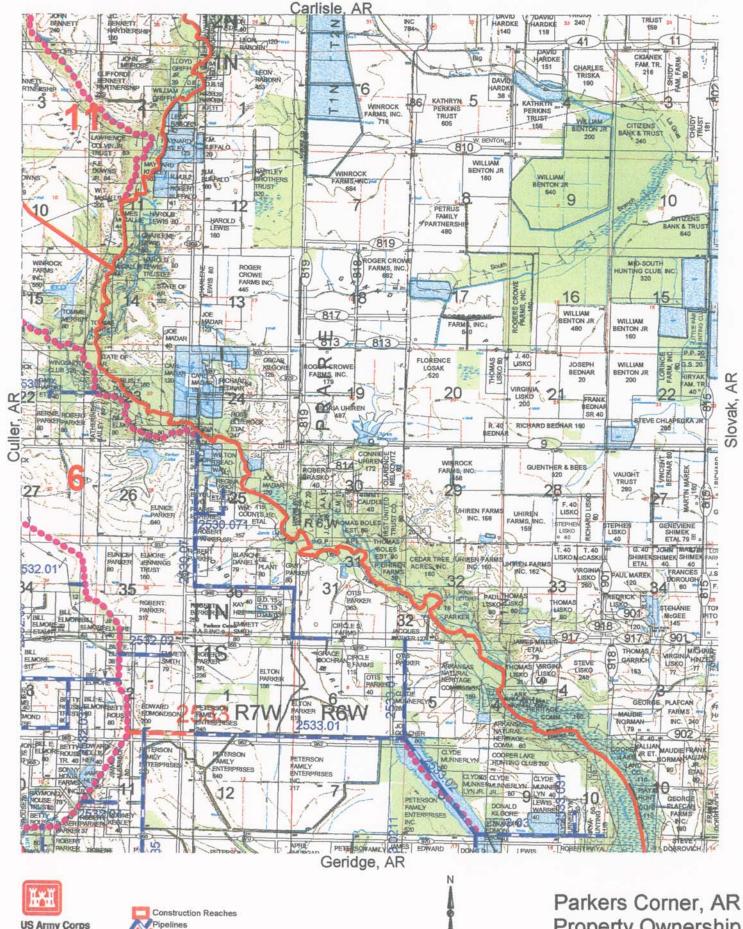


Hickory Plains, AR Property Ownership







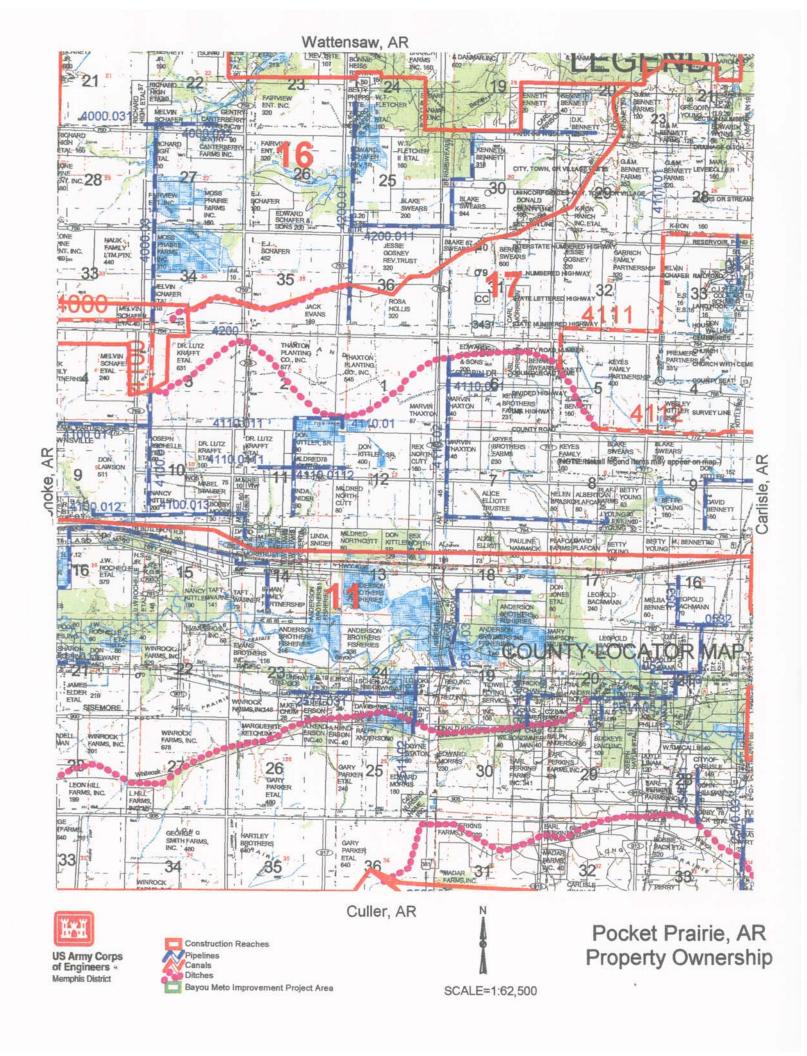


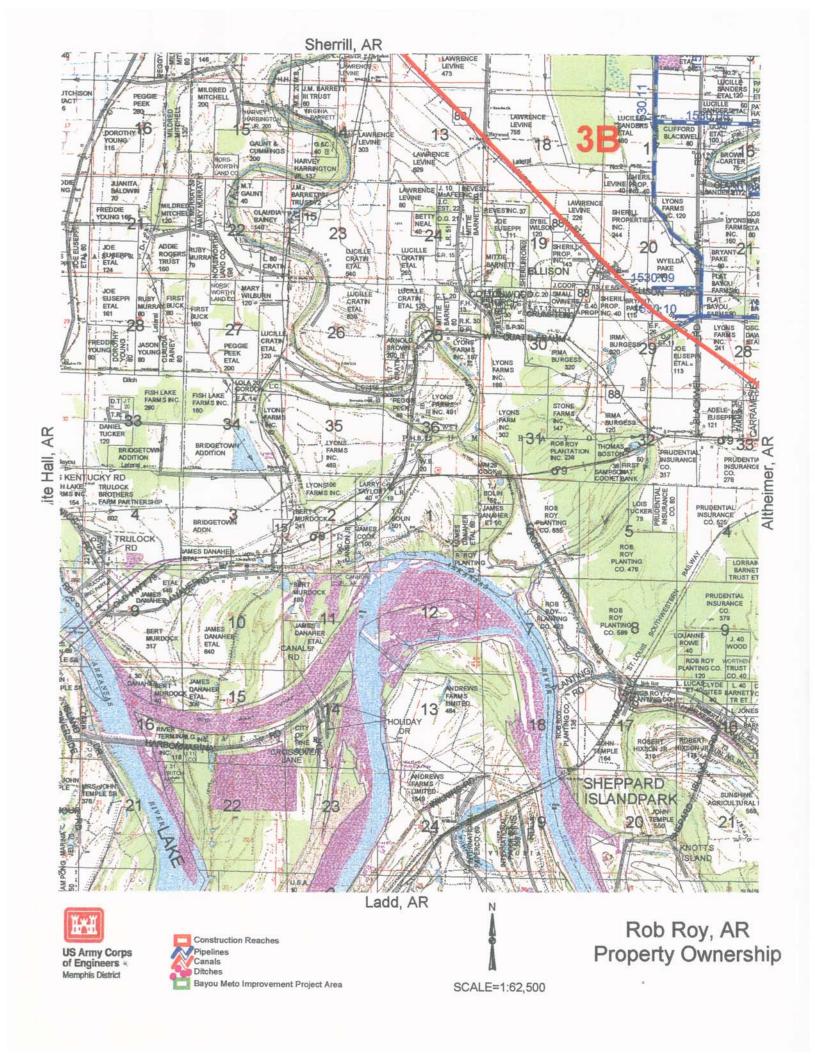


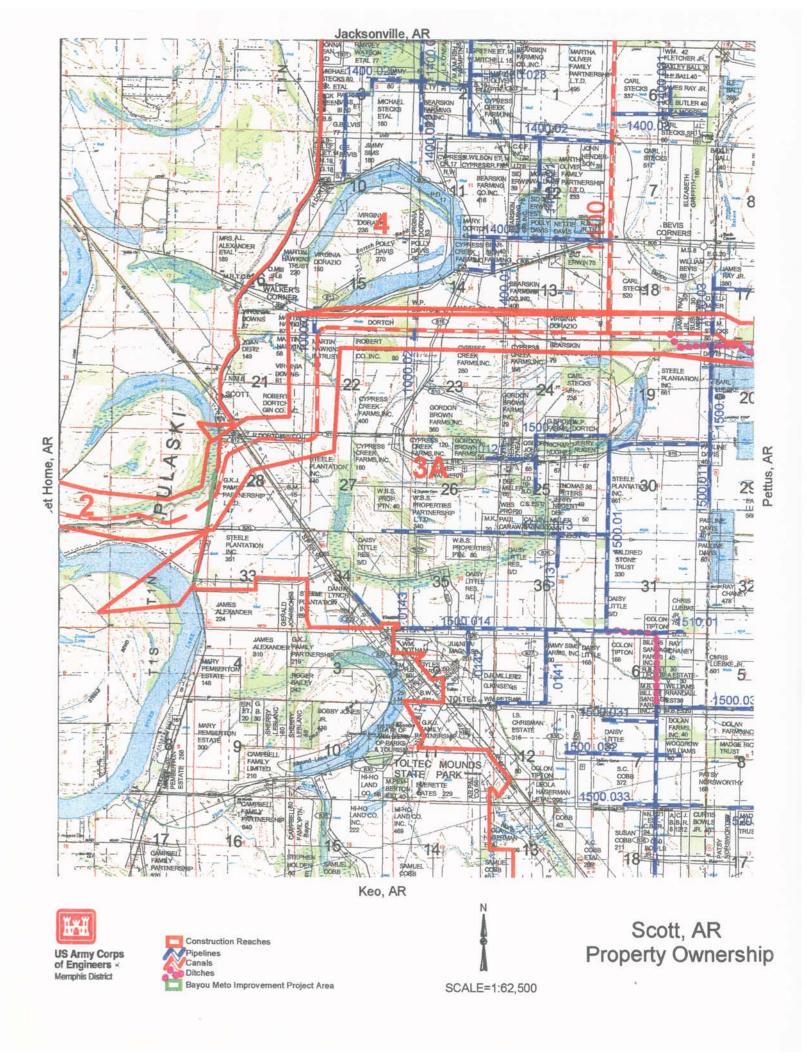


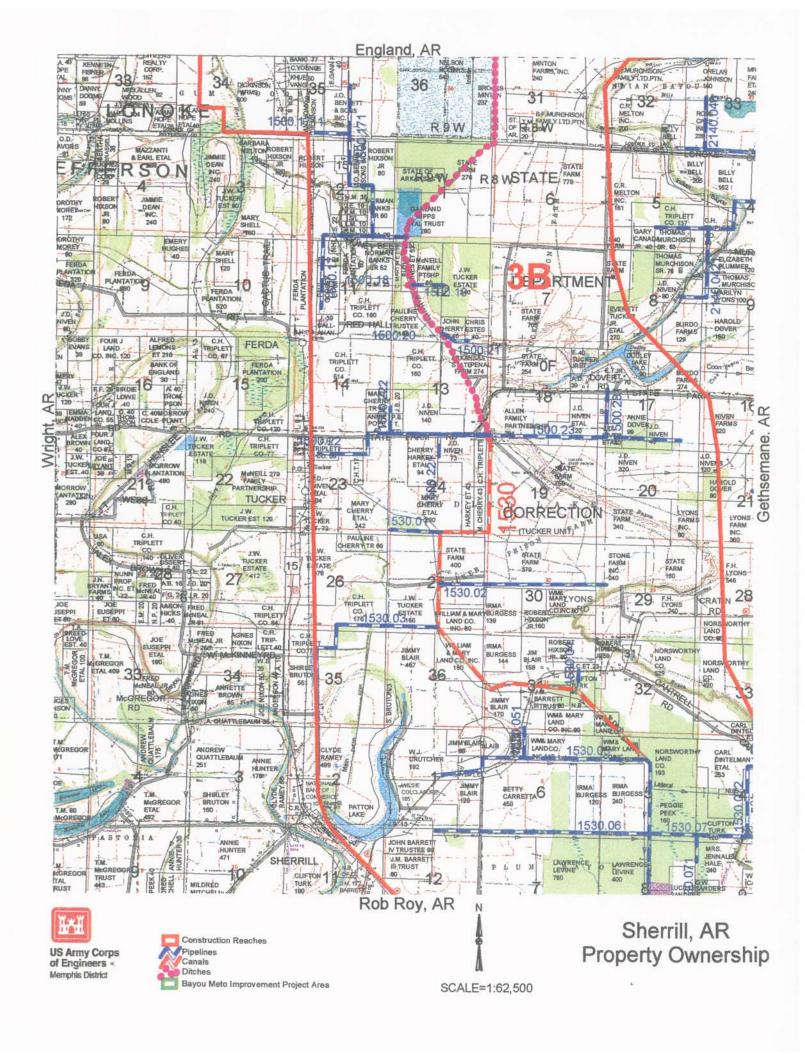


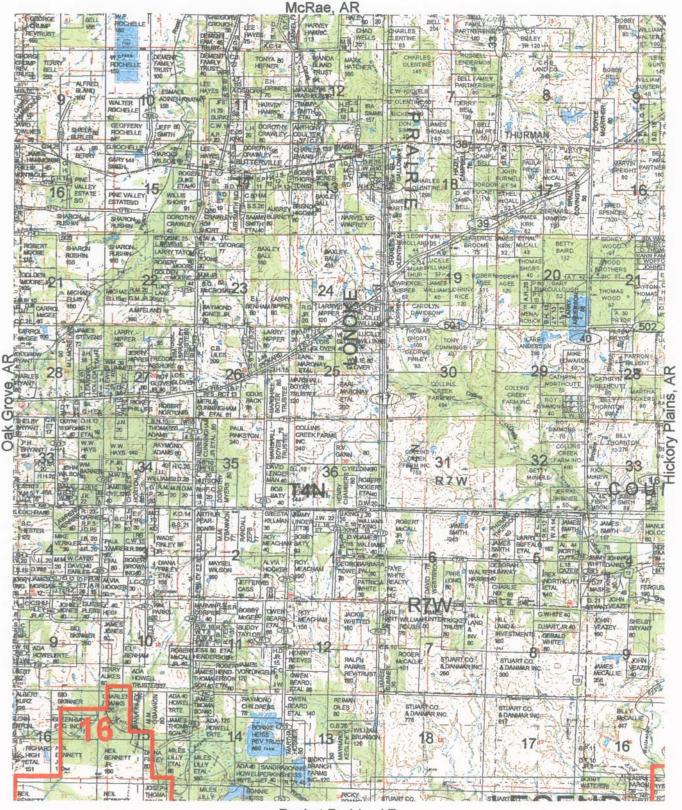
Property Ownership











Pocket Prairie, AR







Wattensaw, AR Property Ownership