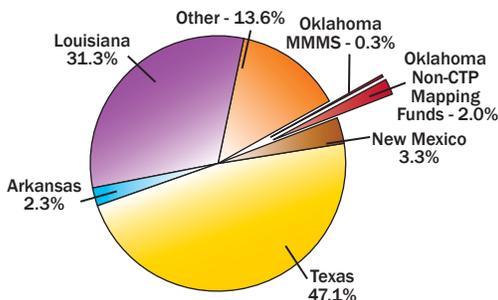


# Oklahoma MMMS – Business Plan Summary

Data based on information provided by the Oklahoma Water Resources Board (OWRB) dated August 2006 and other FEMA sources

## REGIONAL AND STATE VIEW

**Federal FY06 Region VI Funding Distribution Total \$29,750,169**



Source: State percentage received of total FY06 Flood Map Modernization Regional production budget according to internal FEMA procurement data (PALT). Oklahoma 2.3%

## PURPOSE OF BUSINESS PLAN SUMMARY

The Map Modernization Management Support (MMMS) Business Plan Summary was compiled by reviewing the Federal Fiscal Year (FY) 2005-2009 MMMS Business Plans and FY 2007 updates. These business plans were submitted to the Department of Homeland Security's Federal Emergency Management Agency (FEMA) by FEMA's MMMS partners.

The spring 2007 Business Plan Summary is being published at the crossroads of FEMA's mid-program evaluation and the end-state conditions of Map Modernization. This year, the summary reflects the MMMS partners' approach to and the effects of FEMA's mid-course adjustment, in addition to outlining their accomplished and planned MMMS activities, highlighting the MMMS partner's approach to meeting the goals of and program vision for Map Modernization. FEMA's mid-course adjustment is a redirection of improving and updating the Nation's flood hazard identification maps. FEMA will now focus on developing flood maps that meet new higher standards for mapping and for a greater allocation of

resources to those communities at greatest flood risk. The "end state conditions" refer to how successful the flood mapping effort is at the end of Map Modernization in FY 2010.

## STATE VISION FOR MAP MODERNIZATION AND IMPLEMENTATION

The state vision is for the OWRB to maintain a partnership between FEMA, other state and Federal agencies, and local communities. Region VI staff will continue to handle overall management of the program and lead study scoping activities with the assistance from the FEMA NSP which may serve in a program-management capacity for all mapping efforts. FEMA Region VI Indefinite Delivery-Indefinite Quantity (IDIQ) contractors will be called upon to handle the majority of study engineering work, while the NSP will be responsible for engineering review, Digital Flood Insurance Rate Map (DFIRM) production, and post-preliminary processing. The state of Oklahoma will be assisting in the establishment of study priorities as well as community coordination and outreach associated with the Map Modernization Plan and other support activities identified in this update.

## EFFECTS/APPROACH OF/TO MIDCOURSE ADJUSTMENT

In the past, the state of Oklahoma has identified high priority mapping for counties where a community has developed new data and for counties where there is no existing map. While the state intends to cooperate with FEMA's prioritization of studies based on the Mid-Course Adjustment criteria, there are a number of areas in Oklahoma with small populations that are growing rapidly that may soon become a priority. In addition, Tribal Lands may be considered in prioritizing studies in the future. One such county is Love County, located in a highly developing area of south-central Oklahoma. The Multi-year Plan should remain flexible for years

## MAP OF EFFECTIVE DFIRMS



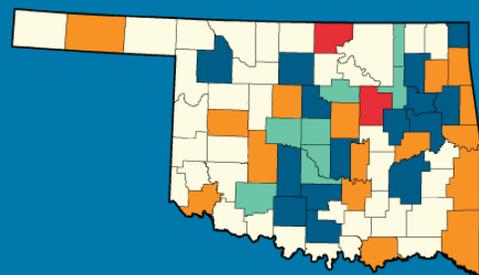
### LEGEND

Map of Effective DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007

## MAP OF PRELIMINARY DFIRMS



### LEGEND

Map of Preliminary DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007



**FEMA**

# Oklahoma MMMS – Business Plan Summary

Data based on information provided by the Oklahoma Water Resources Board (OWRB)  
dated August 2006 and other FEMA sources

2007 and beyond based on consideration of changing priorities and extenuating circumstances.

## SIGNIFICANT ACCOMPLISHMENTS AND STRENGTHS OR SUCCESS STORIES

Five beginning (101) and five advanced (202) Floodplain Management classes were presented throughout the state in May 2005 and May 2006, which is the month designated Flood Awareness Month by the Governor. The OWRB presents the 101 workshops through the CAP program, while the Corps of Engineers, under contract with the OWRB, presents the five 202 workshops with a focus on advanced floodplain management and Map Modernization. Both beginning and advanced workshops utilize the new Oklahoma Floodplain management textbook for community officials that was developed specifically for Oklahoma by the OWRB, as well as other brochures and tools developed by the OWRB and consultants. Each year about 200 community officials, developers, realtors and insurance agents are trained during these May workshops and receive CEUs for state accreditation and/or CFM© certification. As part of the training, attendees provided feedback on future needs for mapping as well as training for the flood insurance program, Map Modernization map revisions, stormwater permits, wetland regulatory issues and “No Adverse Impact.” OWRB also sponsors Floodplain Management 101 classes for state accreditation and/or CFM© certification on a monthly basis.

## SIGNIFICANT COOPERATIVE EFFORTS WITH PARTNERS

Tulsa County, the City of Stillwater, the City of Tulsa, and OWRB currently have Cooperating Technical Partner (CTP) agreements with FEMA. The City of Stillwater CTP mapping activities include: assessment of community mapping needs, hydrologic and hydraulic analyses, floodplain mapping, and redelineation of detailed flood hazard information using updated topographic data. Specific information on CTPs for the City of Tulsa and OWRB was not available from the FEMA CTP website.

## IMPEDIMENTS TO MAP ADOPTION

One community, Grady County, elected to drop out of the NFIP rather than adopt ordinances, particularly those regulations that would impact farm/agricultural lands. The perceived negative impact that adoption of appropriate ordinances would have on farm operations and agricultural land development continues to be an obstacle to proper floodplain management in this highly rural state. OWRB legal counsel has determined Oklahoma Statutes do not allow for the automatic adoption of map revisions.

## UNMET NEEDS OF OKLAHOMA'S MAP MODERNIZATION PROGRAM

At this time, the state does not anticipate that additional staff will be requested for FY 2007 and beyond; rather, assuming funding remains

at current levels, staff will remain as currently allocated. As noted previously, the floodplain management program is centralized in the OWRB's main office in Oklahoma City, but is aided by the staff of four branch offices in four regions of the state. Each branch office has at least one staff member that is a CFM® and participates fully with the CAP program and assists with MMMS activities as appropriate. The OWRB has also hired one contractor to work full time with the CAP-SSSE and MMMS programs, another contractor to prepare updated business plans for FY07 and subsequent years, and has contracted with the Tulsa District Corps of Engineers, and with URS through subcontract with the COE, to work specifically on activities related to the MMMS program. The OWRB anticipates that this level of staff/contractor involvement, along with other state and institutional involvement, will continue. The state will provide dollar leveraging by contributing 25 percent cost share in the form of contractors' salaries and participation in activities beyond the state's requirements.

### ACCOMPLISHED ACTIVITIES FY06

- Updated the MMMS business plan
- Assisted FEMA in identifying communities that are in need of restudies
- Worked with communities to update their ordinances as necessitated by updated FIRMs and also support communities in utilizing the updated data for floodplain management
- Maintained and disseminated flood maps as needed
- Conducted community outreach
- Submitted required quarterly reports
- Hired a Mapping Coordinator that is responsible for ongoing community outreach and the project scoping/coordination process

### MMMS ACTIVITIES PLANNED FY07

The state's goals are to revise the MMMS activities for the following years to include additional activities that will be better supported through state government initiatives. These goals include ongoing outreach and other scoping/coordination activities. The state will continue its commitment to fund a contractor to serve as mapping coordinator and to assist in scoping activities and public outreach. In addition, the state will help establish priorities from documented needs, scoping activities, and FEMA's FY07 Performance Metrics and Mid-Course Adjustment, which will identify the strategy of Flood Map Modernization through FY08.