

2005 Update of Minnesota Map Modernization Business Plan

Executive Summary

The Minnesota Department of Natural Resources prepared the Minnesota Map Modernization Business Plan in January 2004. It described the State's strategy for cost effectively updating the Flood Insurance Rate Maps (FIRM) in Minnesota. The mission of Minnesota Map Modernization stated in the plan is as follows:

To produce (for every Minnesota county) accurate, digital countywide floodplain maps that are usable to local officials, lending institutions and insurance agents and to produce them using available information and new information, including high resolution digital elevation data, funded from FEMA's Map Modernization Program funds.

The Map Modernization Business Plan called for the annual updates to reflect status of remapping of the counties and any modifications to the plan because of changed circumstances. This document is the 2005 Update of the Minnesota Map Modernization Business Plan.

The original plan outlined mission, objectives, priorities, organization of plan management, the state role, the estimated costs, the plan's adherence to FEMA's performance measures, and a table listing expected completion dates for the remapping effort in Minnesota's counties. The 2005 Update retains much of the original plan. Modifications have been made in reaction to FEMA's Multi-year Flood Hazard Identification Plan (MHIP) and the decisions of Counties to join or not to join FEMA's Cooperating Technical Partner (CTP) program.

Mission Statement

The mission statement has not changed.

Objectives

The objectives have not changed.

Priorities

There were four priorities in the 2004 Map Modernization Plan. FEMA's MHIP included available funding levels for each county in Minnesota. The available funding levels are not adequate to update the flood delineation for most counties in the state. All of the counties in Minnesota need updated flood delineation on the FIRMs; some of the counties also need digital delineation of the FIRMs. The additional priority is for the counties that need the digital delineation.

The five priorities are

First Priority – Completion of existing remapping projects

Second Priority – CTP counties

Third Priority – Digital delineation of counties with no Q3 data
Fourth Priority- Major watercourses and the counties along them
Fifth Priority- Remapping repetitive loss areas not in CTP program

Organization of Plan Management

The organization of management of the plan has not changed.

State Role

Minnesota has almost completed the process of becoming a CTP. The mapping support proposed by the DNR –Geographic Information System group has been funded and work is in progress. The State Role described in the 2004 plan has not changed.

Estimated Costs

The estimated costs have not changed. The funding levels described in FEMA’s MHIP are greatly below the estimated costs. In the 2004 plan the estimated costs were shown on Table A1 in Appendix A. Table A1 has been updated to show the expected schedule for county remapping. A column has been added with the funding level identified for the county in the MHIP.

Adherence to FEMA’s Performance Measures

The plan adheres to FEMA’s performance measures by funding year. The plan assumes that funds allocated in FY05 will be distributed timely, so that there are 9-10 months to complete the work funded. The actual completion of maps and ordinance adoption has not met the plan’s performance goals. This is both because of delays in completion of task orders for remapping projects and delay in funding allocation. Table 3 shows the details by county for the remapping schedule for map production, map completion, and map adoption. Table 4 shows the percentage of population mapped and population with adopted digital maps by year of plan implementation.