



## **AGENDA MEMO**

**CITY COUNCIL MEETING DATE: OCTOBER 15, 2008**

**DEPARTMENT: PUBLIC WORKS**

**ITEM DESCRIPTION: CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICTS  
MASTER PLAN UPDATE FOR THE LAS VEGAS VALLEY AS AN AMENDMENT TO  
THE CITY'S MASTER PLAN**

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NRS 543.596 requires that the Master Plan be updated every five years to add any new information relevant to the plan, to assess progress toward fulfillment of the plan during the five-year period, to identify any major obstacles to completion of the plan, and to recommend amendments to the Master Plan.

On May 18, 2006 the District contracted with PBS&J consulting engineers to perform a Master Plan Update for the Las Vegas Valley (MPU). This update affects flood control facility planning in the Las Vegas Valley within the unincorporated areas of Clark County and the cities of Las Vegas, North Las Vegas and Henderson. This study was coordinated with representatives of the affected entities through regular progress meetings, correspondence, individual meetings and solicitation of draft review comments by the District and the consultant. The update was also coordinated with the U.S. Army Corps of Engineers.

The recommended plan of facilities remaining to be constructed in the Las Vegas Valley that are considered essential to the protection of existing developed areas (Category A Facilities) is estimated to cost \$2.5 billion. Another group of facilities (Category B Facilities) are intended to guide future development and to provide added capacity in areas already served to a high level by existing Master Plan Facilities. Category B Facilities have an estimated cost of \$1.1 billion.

The majority of Category B Facilities are not required to protect existing developed areas and, for the most part, will likely not be constructed with public dollars. The previous Master Plan (PBS&J 2002) estimated the cost of Category A Facilities at \$1.7 billion. Cost increases can be attributed for the most part to inflation and better unit cost data and to a lesser degree the addition of new facilities to the plan, and the need for larger facilities to respond to new land use projections.

The value of existing Master Plan Facilities in today's dollars is estimated to be \$3.3 billion. These facilities were either incorporated into the plan at the creation of the District and subsequent MPUs, constructed by District entities with sales tax revenues totaling \$1.1 billion to date or constructed with other funding sources including the U.S. Army Corps of Engineers \$252,000,000; RTC, NDOT and developers.

The MPU follows much of the same format as the existing Master Plan with enhanced graphics and the availability of a Data DVD, which contains the vast depth of data used in the development of the MPU as well as a complete digital copy of the text, tables and figures. The DVD can be used with GIS and database software to view, analyze and modify the data and graphics.

Due to its voluminous nature the 2008 Flood Control Master Plan Update of the Las Vegas Valley is not bound in the agenda backup. The Public Works staff has copies on file for inspection at the Development Services Center, Department of Public Works-Engineering Planning Division, 731 S. 4th Street, 2nd Floor, Las Vegas, Nevada. The CCRFCD Executive Summary has been reproduced in the backup, which includes a description of the MPU development, modifications from the existing Master Plan, current cost estimates and implementation progress.