

City of Las Vegas

AGENDA MEMO

CITY COUNCIL MEETING DATE: OCTOBER 16, 2024

DEPARTMENT: PUBLIC WORKS

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

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 October 13, 2022 the District contracted with AtkinsRealis USA Inc. (Formerly Atkins North America Inc.) 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. The study area also includes Apex to the northeast and El Dorado to the southeast of the Las Vegas Valley. 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 recommended plan of facilities remaining to be constructed in the Las Vegas Valley MPU that are considered essential to the protection of existing developed areas (Category A Facilities) is estimated to cost \$3.03 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 \$932 million.

The value of existing Master Plan Facilities is estimated to be \$6.72 billion. These facilities were either incorporated into the plan at the creation of the District and subsequent MPUs, constructed by District partner entities with sales tax revenues, or constructed with other public or private funding sources. The total value of existing MPU facilities presented in the 2018 MPU was estimated to be \$4.47 billion.

In accordance with NRS 543.597 a public notice has been issued to alert interested parties that a public hearing will be held to consider adoption of the 2023 "Flood Control Master Plan Update of the Las Vegas Valley" as an amendment to the Master Plan. Upon finding that the MPU is the most cost effective structural and regulatory means for correcting existing problems of flooding within the area and dealing with the probable effects of future development (NRS 543.590) the MPU will be adopted by the Board. The MPU will not become effective until it is adopted by Clark County and the cities of Las Vegas, North Las Vegas and Henderson.

The updated estimated cost to complete the facilities remaining on the recommended plan for the Las Vegas Valley in the 2023 MPU is approximately \$3.96 billion. The total cost estimate presented in the January 2019 plan was \$3.03 billion. The total estimated costs have increased

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from the cost estimates provided in the 2018 MPU because of rising construction costs and additional facilities added to the plan since 2018.

Due to its voluminous nature the 2024 “Flood Control Master Plan Update of the Las Vegas Valley” is not bounded in the agenda backup. Public Works staff has copies on file for inspection at the City of Las Vegas, Department of Public Works – City Engineering Division, 495 S. Main Street, 5th Floor, Las Vegas, Nevada. The CCRFCD MPU 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.

