



UTILITY PROJECT

City of Prescott Master Area Drainage Study

JANUARY 10, 2023

Holistic Engineering and Land Management (HELM) was awarded the design contract for the new Master Area Drainage Study and the FEMA Grant funds for the updated flood studies.

The original Master Area Drainage Study (MADS) was completed by Arroyo Engineering in 1999. The new MADS will reflect the significant changes in drainage by accounting for development, newer/better topographic data, and more accurate NOAA Atlas 14 rainfall data. The new flood study will determine the flow magnitudes, flow depth and flow velocities for the 10-, 100- and 500- year flooding events. The revised flood hazard mapping studies provides residents and business owners more accurate regulatory floodplain limits, which helps to determine the need for flood insurance.

City staff has received a grant from the Department of Homeland Security - FEMA Region 9 and approved the contract with HELM to restudy floodplain areas for Virginia Street Wash, North Fork Miller Creek, North Fork Granite Creek, Miller Creek, Granite Creek, and portions of Willow Creek floodplain areas. The new flood study is based off the City's new 2020 aerial topography. Final LOMR has been submittal to FEMA. FEMA requires a 90-day review period and the revised flood maps will take 90 days to become effective once FEMA approved the new maps. The new maps are anticipated to become effective later this year.

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<https://www.prescott-az.gov/business-development/city-construction-projects/>

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