



UTILITY PROJECT

City of Prescott Master Area Drainage Study

OCTOBER 1, 2020

Holistic Engineering and Land Management (HELM) was awarded the design contract for the new Master Area Drainage Study.

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 study will utilize a new 2-dimensional model to update the hydrology and hydraulics and be considered best available data to be used for all future planning studies, design projects and flood risk assessments.

The 2-dimensional modeling has been completed, the data will be used for future Federal Emergency Management Agency (FEMA) Letter of Map Revisions (LOMRs) studies budgeted this year for Golf Links Wash. The LOMR has been submitted to FEMA to update the hydrology for the entire City and remap the Golf Links Floodplain. FEMA's initial review time is 90 days.

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. Additionally the new 2-dimensional models can be provided to developers to aid in creating plans for future development.

The Consultant and City staff met with FEMA officials last month and have approval to proceed with the 2-dimensional modeling and are on track to receive Grant Funding to help with the costs of the new flood mapping.

The 2-dimensional model executive summary has been completed. City staff has received and 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 and Granite Creek floodplain areas.

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Visit: www.prescottroadconstruction.com for additional project information.

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