



UTILITY PROJECT

CIP 14-012 Hummingbird Culvert Replacement Project

Lyon Engineering has been awarded the design contract in January 2015 to complete the 100-year flood study of Albersons Wash, from the north side of the State Route 69 culvert near Costco to approximately 1.5 miles downstream, directly upstream of the crossing at Rose Quartz Drive (See Vicinity Map). The study will include a detailed evaluation of the culvert crossings at Hummingbird Way, Hornet Drive and Sunrise Boulevard and determine if the culverts can be replaced, repaired or are currently functional. The study will also determine if there are any structures within a flood hazard area that can be mitigated by roadway crossing improvements. After the initial flood study and culverts evaluation is complete, the consultant and City staff will conduct at least one public meeting with the Yavapai Hills Subdivision Homeowner's Association to present the project findings and gather input from nearby residences.

Upon completion of the initial study, staff anticipates awarding a separate contract for a detailed design of the proposed drainage improvements for the area.

Background

In the summer of 2013, a flood event in the Yavapai Hills Subdivision and Albersons Wash caused one of three 36-inch diameter culvert pipes in the Hummingbird Way road crossing to partially scour out and fail. The City Streets Division has cut and replaced the culvert with temporary lining and has asked Public Works to evaluate the culvert crossings at Hummingbird Way.

On June of 2011, Shephard-Wesnitzer, Inc. completed the Yavapai Hills Area Drainage Master Plan. The plan included a preliminary overview of eight recommended projects. One of the eight projects included a preliminary analysis for the replacement of Albersons Wash culverts with box culverts at Sunrise Boulevard, Hornet Drive and Hummingbird Way. Per the report, this project ranked 7 out of 8 in the decision matrix in order of importance.

Based on City staff's review of the recommendation, the City is seeking to obtain a more detailed analysis of the three culvert crossings to determine if the culverts need to be replaced, repaired or can remain in place with maintenance.

Project Update

Lyon Engineering has completed a review of the project hydrology and is working the initial flood study of Albersons Wash. The Flood Study is anticipated to be complete by the end of February.

Questions concerning the project should be addressed to the Project Manager, Jeff Low at (928)777-1643 or emailed to jeff.low@prescott-az.gov.

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

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