



PUBLIC WORKS

# ROADWAY PROJECT

## CIP 14-012 Hummingbird Way and Sunrise Boulevard Culvert Replacement Project

April, 2016

Lyon Engineering was awarded the design contract in January 2015. Lyon completed a flood study of Alberson Wash and determined that the culvert crossings at Hummingbird Way and Sunrise Boulevard were undersized and causing water to overtop the road and back up and flood structures during the 100-year flood event. Lyon Engineering has completed the design of new con-arch structures for both road crossings.

### ***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 the design project. The two culvert crossing at Hummingbird Way and Sunrise Boulevard will be replaced with 5 foot tall con-arched structure. The construction project is currently out to bid, with a City Council Contract Award date anticipated on May 19, 2016. Construction for the project should start in June, 2016.

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](mailto:jeff.low@prescott-az.gov).

Visit: [www.prescottroadconstruction.com](http://www.prescottroadconstruction.com) for additional project information.

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