



PUBLIC WORKS

ROADWAY PROJECT

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

November, 2016

Fann Contracting has completed the construction contract for the replacement of the culvert crossings at Sunrise Boulevard and Hummingbird Way with Con-Arch Structures. Lyon Engineering was the design consultant, which 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 and as-built survey 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

The Project has been completed and both culvert areas have been replaced.



Hummingbird Way Outlet near Yavapai Hills HOA Tennis Courts



Construction at the Sunrise Boulevard Crossing.

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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