

**PUBLIC
SEC**

**DRY BEAVER CREEK
FLOODPLAIN STUDY**
Cornville, AZ

Client:
Yavapai County
Flood Control District

Area Drainage Study
5-miles of Dry Beaver Creek



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The purpose of this project was to restudy the final 5 miles of the Dry Beaver Creek watershed before its confluence with Wet Beaver Creek. The intent of the analysis was to provide a hydraulic analysis of sufficient detail to allow revision of the FEMA Flood Insurance Rate Map. Dry Beaver Creek was modeled using the Army Corps of Engineers HEC-RAS and HEC-HMS software and attempted to accommodate the increased development in the area.

After the completion and approval of the detailed study, SEC was retained by Yavapai County to make the necessary submittals to amend the FEMA Flood Insurance Maps

Detailed field reconnaissance was conducted for data collection, as well as coordination, communication and research to comply with FEMA standards. Tasks included project scheduling, meeting coordination, field surveys, hydrologic analyses, hydraulic analysis, floodplain mapping, and preparation of a Technical Data Notebook in accordance with State and Federal Standards. Extensive Public participation was required in order to collect local resident flood experience data.

