



Flood Control District of Maricopa County

PUBLIC NOTICE

Detailed Topographic Data Request

Revised: February 14, 2017

The Flood Control District of Maricopa County (District) has 2 ft. and 4 ft. detailed topographic data available in selected areas in Maricopa County. The topographic data is available where the District has commissioned mapping for various projects over the years that include Area Drainage Master Studies, Area Drainage Master Plans, Floodplain Delineation Studies, etc.

Detailed topographic data/project mapping includes all elements that appear on project maps as well as FEMA floodplain, base flood elevation and soil data. Typical features captured are bridges, canals, culverts, contours and spot elevations, digital terrain model (DTM), lakes, rivers, railroads, structures, street detail and survey control data. Every mapping project does not necessarily capture each of these features. The data available will vary from project to project.

The cost for the detailed topographic data is \$220 per square mile. If data is available, it is provided in the following formats: DXF, E00 and Shape File. If there is DTM data available, it is provided in ESRI ARC/INFO generate format. All data will be provided in the Arizona Coordinate System, 1983 HARN, Central Zone, and International Feet. The District will not perform any horizontal and/or vertical coordinate system conversion on the detailed topographic mapping.

Please Note - The detailed topographic data is not available through the internet to view, download or purchase.

Please follow these steps to make a topographic data request.

1. Contact us through our [website \(https://www.maricopa.gov/FormCenter/GIS-28/Data-Request-Form-158\)](https://www.maricopa.gov/FormCenter/GIS-28/Data-Request-Form-158).
2. You will be contacted by a County representative. They will need one of the following items to determine the area of interest and to process the request in a timely manner.
 - a. Prepare a digital boundary file (your area of interest) using the Arizona Coordinate System, 1983 HARN, Central Zone, and International Feet. The file can be in the ESRI Shape File format or CAD DXF format. The shape file can be provided in another coordinate system as long as there is an ESRI recognized projection file included with the shape file. This is the preferred method as it will provide the best results.

- b. A verbal or written description of the north, east, south and west boundaries of your area of interest can be provided using:
 - Township/Range Sections
 - Arterial streets
 - Assessors parcel numbers (APN)
 - Major geographic features such as rivers, canals or railroads
 - c. A JPG or PDF file showing your area of interest can be submitted. These should not be ambiguous. They still need to be as accurate as possible in order to provide a precise quote. This method should only be used if the other methods are not possible. If the boundary is irregular in shape (not "rectilinear"), then the boundary will need to be provided per step 2a to avoid any confusion.
 3. The request will be processed and a reply will be made as quickly as possible with the availability of data and the cost. If data is available, you will need to fill out a [Public Records Request](https://www.maricopa.gov/622/Records-Request) (<https://www.maricopa.gov/622/Records-Request>).
 4. Payment can be made by cash (exact change in U.S. currency), check (make the check out to 'Flood Control District of Maricopa County', or credit card (up to \$1000). If payment by credit card is to be made over the phone, a County representative will contact you.
 5. The data will be delivered using one of the following methods. The method used will depend on the physical size.
 - a. DVD
 - b. FTP
 - c. Hard Drive (supplied by requestor)
 6. If you are unable to pickup the data at our Durango office (DVD and hard drive delivery methods), please specify that you will need the data shipped to you. The District does not pay for shipping. You will need to make these arrangements in advance.