

COOPERATING TECHNICAL PARTNERS



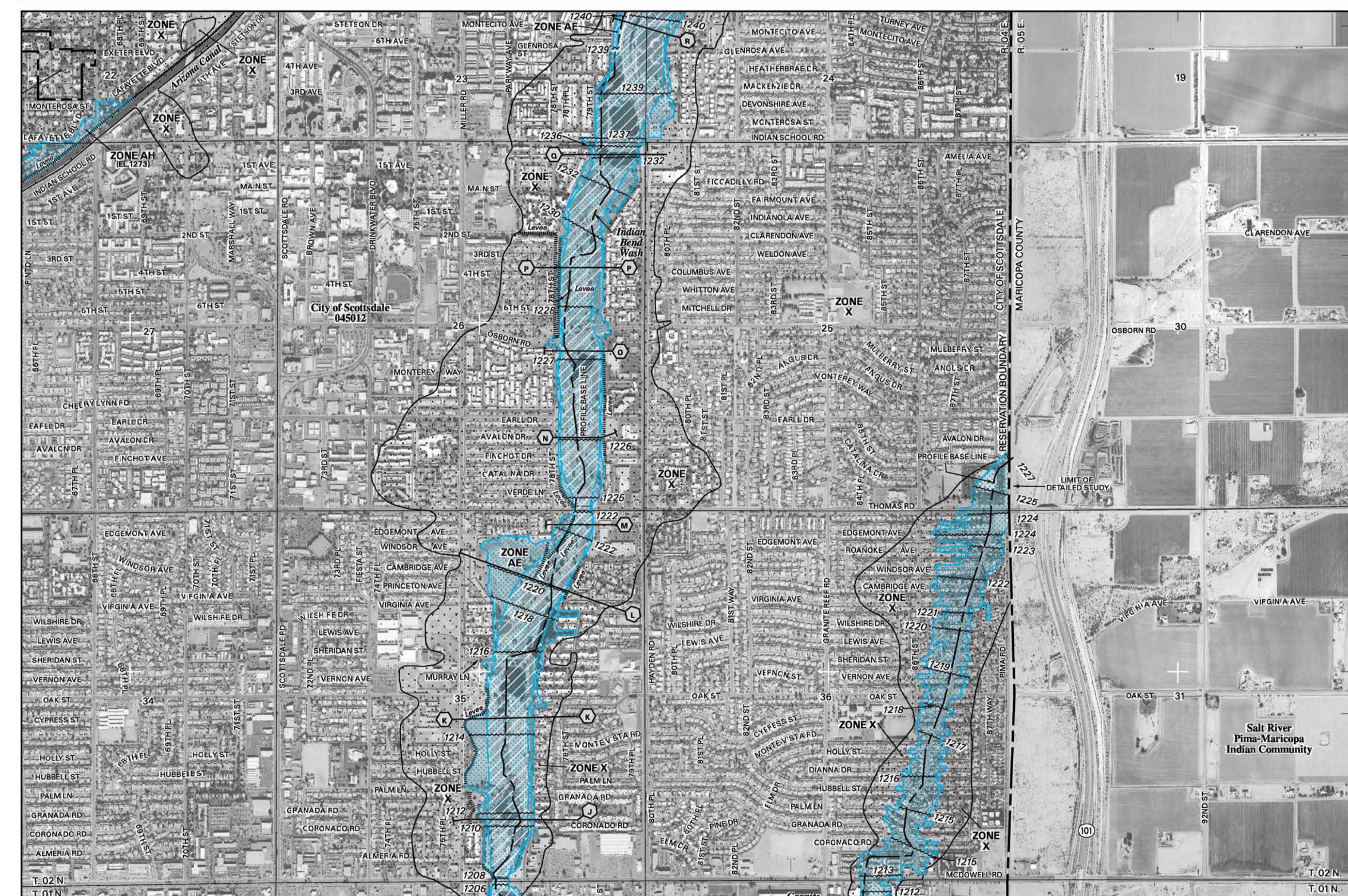
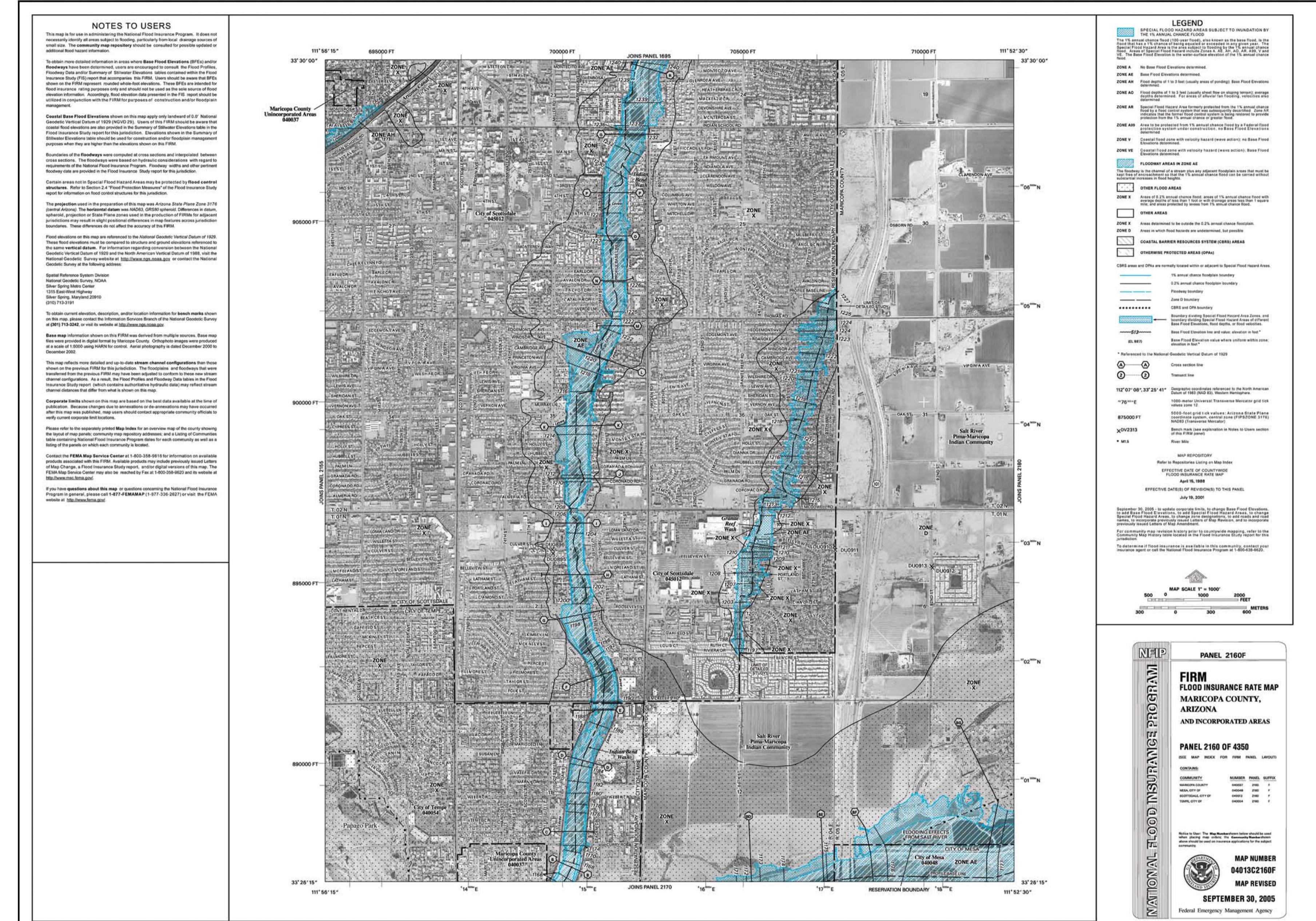
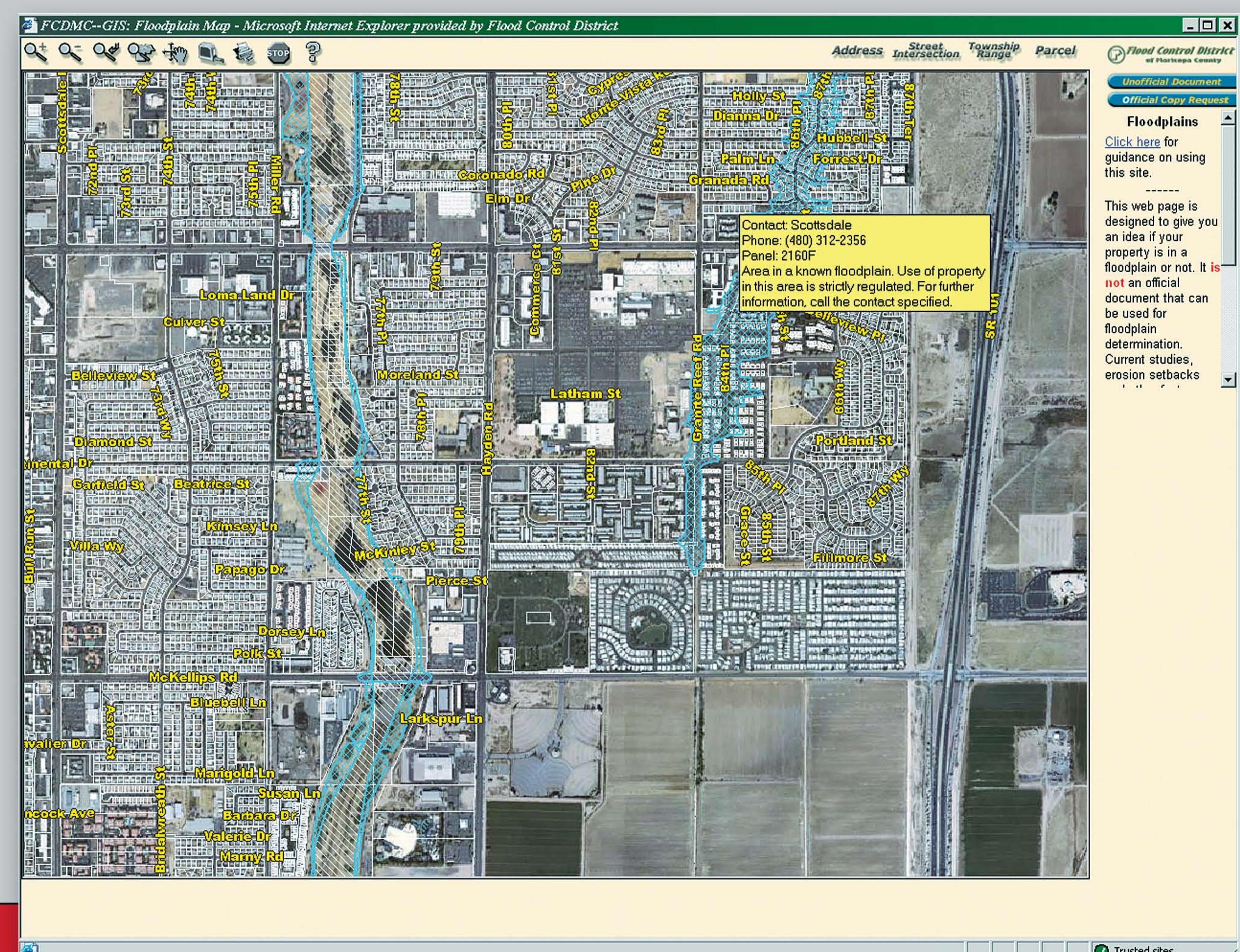
THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY, ARIZONA

The Flood Control District of Maricopa County, Arizona provides regional flood hazard identification, regulation, remediation, and education to residents to reduce their risks from flooding. Five major river systems flow through the County and at least one portion of the County floods each year. The County has also experienced recent and rapid development; as of Spring 2007, the population was 3.4 million and growing.

Recognizing that they needed to update their flood maps to reflect impacts from development, the District decided to partner with FEMA under the Cooperating Technical Partners (CTP) Initiative. The CTP Initiative builds partnerships between FEMA and participating National Flood Insurance Program (NFIP) communities, regional agencies, and State agencies that have the interest and capability to become more active participants in the FEMA flood hazard mapping program.

The District partnered with FEMA to convert Flood Insurance Rate Map (FIRM) panels and Flood Insurance Study (FIS) Reports into a digital format. They used orthophotos for the base maps and incorporated Letters of Map Revision into the new FIRM panels. The District and FEMA developed detailed hydrologic and hydraulic analyses for two previously unstudied areas of the county, and converted all elevation data to North American Vertical Datum (NAVD 88).

Engineering, GIS, and research resources are on the District's website, www.fcd.maricopa.gov, including mapping technology to view the 100-year floodplains and orthophotos, such as the screen shot below.



Communities that participate in the CTP program are some of the most pro-active communities in regard to their floodplain management goals.

For CTP Information: www.fema.gov/plan/prevent/fhm/ctp_main.shtml

To View a FIRM: www.msc.fema.gov