



# Flood Control District of Maricopa County

## INTEROFFICE MEMORANDUM

**Date:** January 15, 2014

**To:** Timothy S. Phillips, P.E., Chief Engineer and General Manager

**From:** Jeff Shelton, P.E., Senior Civil Engineer

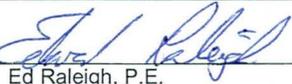
**Subject:** Sycamore Creek Floodplain Delineation Study in the Sunflower Community of Maricopa County, Arizona  
Technical Support Data Notebook for Letter of Map Revision Application

The floodplain delineation along Sycamore Creek in Sunflower is complete and ready to be used as the best available technical information for this area. The study Technical Support Data Notebook will be sent to FEMA for review and incorporation into the County's DFIRM.

The background for the study includes the following:

This 1.5 mile Zone A study is the result of the community's desire to have the flood hazard in Sunflower identified after the Sunflower Fire of May 12, 2012. The District, MCDEM, and US Forest Service worked to communicate the increased potential of flooding from Sycamore Creek due to the fire. The community was encouraged to seek out flood insurance. Sunflower is in an area where the FIRM panel is not printed. The Special Flood Hazard Area designation is Zone D. Zone D insurance premiums can be some of the highest relative to other zones due to the fact that it is unstudied or unknown. The study was completed by District staff including Amir Motamedi, Jake Kehlenbach, John Hathaway, Kevin LaVallee, and Jeff Shelton.

Please concur and authorize below the use of this new study. Mr. Phillips, please find a "Sign Here" flag in the Technical Support Data Notebook where your signature on the Overview and Concurrence Form is required.

 Date: 1-15-14	 Date: 1/22/14
Jeff Shelton, P.E. Project Manager	Timothy S. Phillips, P.E., Chief Engineer and General Manager
 Date: 1/15/14	 Date: 1/21/14
Amir Motamedi, P.E. Hydrology/Hydraulics Branch Manager	Kelli Sertich, AICP Floodplain Management & Services Division Manager
 Date: 1/17/2014	 Date: 1/17/14
Ed Raleigh, P.E. Engineering Division Manager	Don Rerick, P.E. Planning and Project Management Division Manager
File Copies: 1. <u>Model Library</u> 2. <u>MFR Folder</u>	<input type="checkbox"/> GIS Posted (Pending Floodplain Only) Date: 01/15/14 <input checked="" type="checkbox"/> In Progress

PCN 681.01.70



## NATIONAL FLOOD INSURANCE PROGRAM

FEMA PRODUCTION AND TECHNICAL SERVICES CONTRACTOR

May 9, 2014

The Honorable Denny Barney  
Chairman, Maricopa County Board of Supervisors  
301 West Jefferson, 10th Floor  
Phoenix, AZ 85003

IN REPLY REFER TO:  
Case No.: 14-09-1495P  
Community: Maricopa County, AZ  
Community No.: 040034

316-PMR

Dear Mr. Barney:

This is in reference to a request for a revision to the effective Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for your community. Information pertinent to this revision request is listed below.

Requester:	Mr. Jeffrey Shelton, P.E.
Flooding Source:	Sycamore Creek
FIRM Panel Affected:	*04013C0600L and *04013C1000L (Panels Not Printed)

We have completed our review of the submitted data and determined that the FIRM and FIS report should be revised as Physical Map Revision (PMR). As a result of this PMR, the flood hazard information along Sycamore Creek will be revised from just downstream to approximately 7,000 feet upstream of State Highway 87.

We are currently preparing a revised FIRM and FIS report the Maricopa County, and Incorporated Areas. FEMA Region IX has programmed funds to process the PMR as part of the revised FIRM and Flood Insurance Study (FIS) report for Maricopa County, Arizona and Incorporated Areas (effective map for your community). Preliminary copies of the FIRM and FIS report will be distributed for review in approximately 5 months. We will incorporate the modifications required by this PMR into the preliminary FIRM before it is distributed, and the modifications will be also included when the FIRM becomes effective.

In order to provide your community with the most up-to-date information possible, we request that your community review the affected FIRM panels and revised FIS report to determine if any additional changes are warranted. Examples of possible changes include updates to corporate limits and new streets. To assist us in processing the revised FIRM and FIS report in a timely manner, we request that your community submit the changes within 30 days of the date of this letter. Please submit any requested changes, along with supporting documentation (e.g. annotated copies of FIRM panels, corporate limits map, topographic mapping), to us at the address shown at the bottom of the first page.

Any changes to the affected FIRM panel or FIS report for your community that are received during this 30-day period will be reviewed and incorporated, as appropriate, before we initiate the revision and republication process. We will send preliminary copies of the revised FIRM and FIS report to your community for review. At that time, your community will have an additional 30 days to provide information to support other changes to the affected portions of the FIS report and map. We will review all information submitted during that 30-day period and incorporate it, as appropriate, before the FIS report and map are republished and distributed.

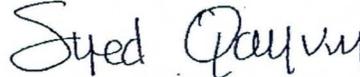
LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304 PH: 1-877-FEMA MAP

BakerAECOM, under contract with the FEDERAL EMERGENCY MANAGEMENT AGENCY, is a  
Production and Technical Services Contractor for the National Flood Insurance Program

Your submittal of requested changes during the initial 30-day period will facilitate the revision and republication process. While it may be possible to incorporate requested changes later, it will probably cause significant delays in the revision and republication process. Therefore, if the data to support additional changes are not immediately available, or if additional time is needed, please inform us immediately.

If you have general questions about this case, the review and revision process, FEMA policy, or the National Flood Insurance Program, please call the FEMA Map Information eXchange (FMIX), toll free, at 1-877-FEMA MAP (1-877-336-2627). If you have specific questions concerning this case, please call the Revisions Coordinator for this request, Mr. Joseph Kuechenmeister, P.E., CFM, at [jkuechenmeister@mbakerintl.com](mailto:jkuechenmeister@mbakerintl.com) or at (720) 479-3181.

Sincerely,



Syed Qayum, CFM  
LOMR Technical Manager  
BakerAECOM

cc: Mr. Tim Murphy, P.E.  
Mitigation Planning & Technical Programs Manager  
Floodplain Management and Services Division  
Flood Control District of Maricopa County

Ms. Kelli Sertich, AICP, CFM  
FMS Division Manger  
Flood Control District of Maricopa County

Mr. Brian Cosson, CFM  
NFIP State Manager  
Arizona Department of Water Resources

Mr. Kevin Lavalle  
GIS Analyst  
Flood Control District of Maricopa County

Mr. Jeffery C. Shelton, P.E.  
Project Engineer  
Flood Control District of Maricopa County



MATCHLINE SEE SHEET 2

**LEGEND**

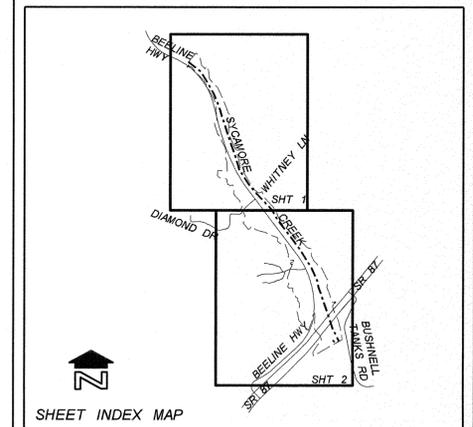
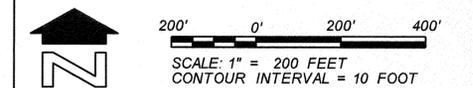
100-YR FLOODPLAIN BOUNDARY (ZONE A)	
HYDRAULIC BASE LINE WITH RIVER MILE	0.50
CROSS SECTION	
PARCEL LINE (PRIVATE)	
EXISTING 10' CONTOUR	
SECTION LINE	
RIVER MILE	
ELEVATION REFERENCE MARK	

**ELEVATION REFERENCE**

- 1- ALL ELEVATIONS ARE BASED ON VERTICAL DATUM OF 88 (NAVD 88)
- 2- HORIZONTAL DATUM 83 (NAD 83) CENTRAL ZONE

**NOTES**

- 1- THE HYDRAULIC BASE LINE IS CROSS SECTION STATION 10,000 UNLESS NOTED OTHERWISE
- 2- 100-YR DISCHARGE: 13,523 CFS



NO.	REVISION	BY	DATE
2			
1			



**FLOOD CONTROL DISTRICT OF MARICOPA COUNTY**  
**SYCAMORE CREEK FLOODPLAIN DELINEATION STUDY IN THE SUNFLOWER COMMUNITY OF MARICOPA COUNTY, ARIZONA**

FLOOD CONTROL DISTRICT MARICOPA COUNTY, ARIZONA		BY	DATE
DESIGN	---	---	---
DESIGN CHK.	JCS	07/14/14	
PLANS	FDK	07/21/14	
PLANS CHK.	JCS	07/25/14	



Expire 03-31-2015

MATCHLINE SEE SHEET 1



SURVEY POINT ID: 24682  
 ELEVATION: 3426.858  
 NORTHING: 1043856.938  
 (INTERNATIONAL FEET STATE PLANE AZ CENTRAL)  
 EASTING: 836000.349  
 (INTERNATIONAL FEET STATE PLANE AZ CENTRAL)  
 LATITUDE: 33.520389484N  
 LONGITUDE: 111.280762585W

**LEGEND**

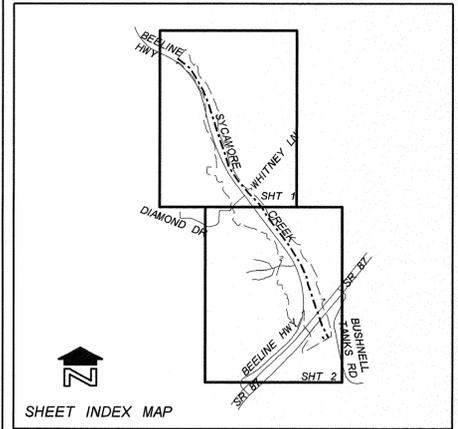
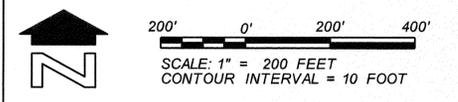
- 100-YR FLOODPLAIN BOUNDARY (ZONE A)
- HYDRAULIC BASE LINE WITH RIVER MILE 0.50
- CROSS SECTION
- PARCEL LINE (PRIVATE)
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