



Flood Control District of Maricopa County

INTEROFFICE MEMORANDUM

Date: July 18, 2007

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

From: Kathryn Gross, CFM, Planning and Project Management Division

Subject: White Tank Alluvial Fan 38 Floodplain Delineation, performed by David Evans and Associates

The floodplain study for the upper portion of White Tank Fan 38 is ready for use as the best available technical information. The study will be sent to FEMA shortly once the District and Town of Buckeye sign the FEMA forms.

The background on the study includes the following:

The study was performed by David Evans and Associates (DEA) and was not under a District contract. DEA and the developer they are contracted with are stakeholders in the Buckeye/Sun Valley Area Drainage Master Study and Area Drainage Master Plan. The developers in the area were required to delineate the alluvial fan flood hazards impacting their properties when they chose not to wait for the District to perform the delineations as part of the Sun Valley Area Drainage Master Plan. This submittal represents the upstream portion of White Tank Fan 38. The study includes approximately 3 square miles of Zone A Alluvial Fan Floodplains and Alluvial Fan Administrative Floodways. The delineation was performed using geomorphic methods. The District contracted with JEFuller Hydrology and Geomorphology to perform the reviews through an on-call contract.

Please concur and authorize below the use of this new study.

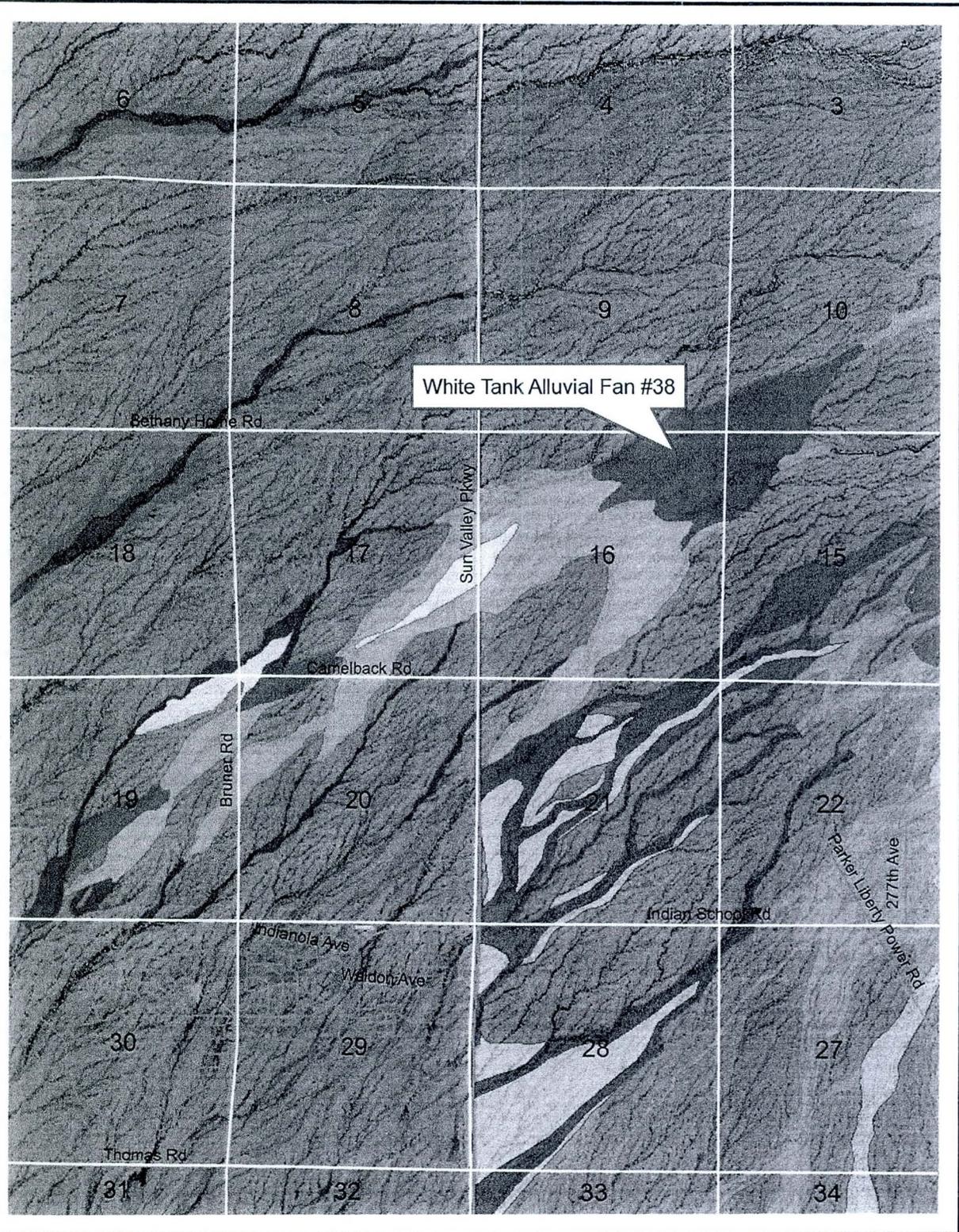
<i>Lynn M. Thomas</i> 7/19/07 Principal Engineer, Regulatory Division Date:	Timothy S. Phillips, P.E. Date: Chief Engineer and General Manager
<i>Kathryn Gross</i> 7/18/07 Floodplain Delineation Review Coordinator Date:	<i>Valerie A. Swink</i> 7/19/07 SVADMP/On-call Review Project Manager Date:
Flood Delineation Branch Manager Date:	Planning Branch Manager Date:
Regulatory Division Manager Date:	PPM Division Manager Date:

	Assistant Project Manager N/A Date:
File Copies: 1. _____ 2. _____	YES <input checked="" type="checkbox"/> <i>in process</i> GIS Posted (Pending Floodplain Only) Date: 7/19/07 N/A <input type="checkbox"/> No County Permits in this area Date:

White Tank Alluvial Fan #38

Approximate Zone A Alluvial Fan

Floodplains and Administrative Floodways



Legend

- arterial
- street

FPZNFCD-FAN_38apr07

ZONE

- AAFF
- AFHH
- AFUFD
- AFZA
- ZONE A

floodplainfema

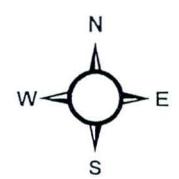
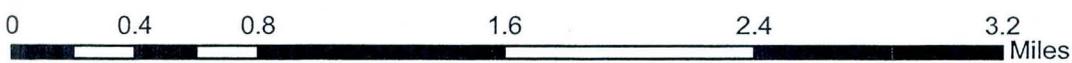
ZONE

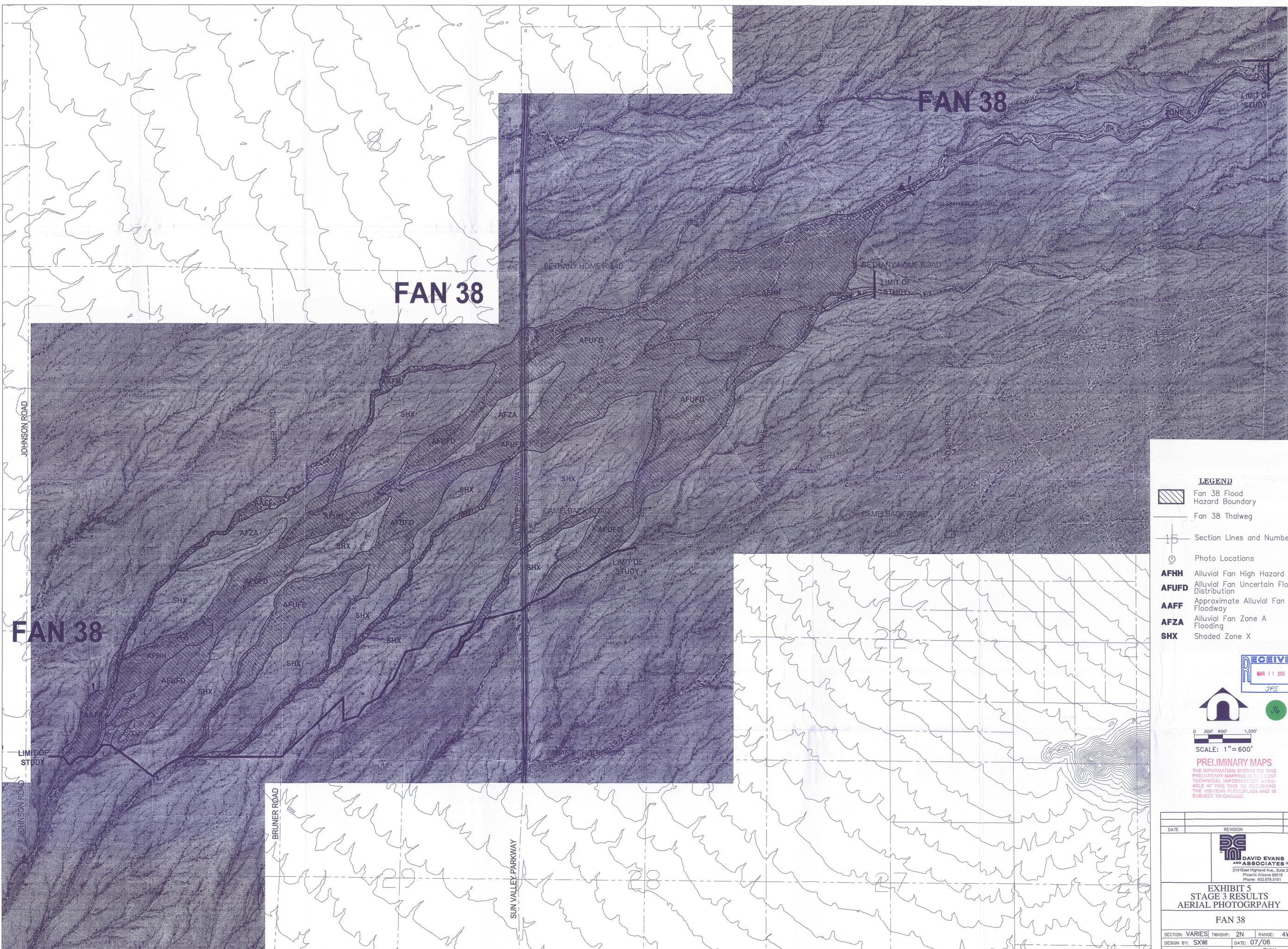
- A
- AAFF
- AE
- AEFW
- AFHH
- AFW
- AFZA
- AH
- ANI
- AO
- FW

floodplainfcd

ZONE

- A
- AAFF
- AE
- AFHH
- AFUFD
- AFW
- AFZA
- AH
- AO
- FW





FAN 38

FAN 38

FAN 38

- LEGEND**
-  Fan 38 Flood Hazard Boundary
 -  Fan 38 Thalweg
 -  Section Lines and Numbers
 -  Photo Locations
 - AFHH** Alluvial Fan High Hazard
 - AFUFD** Alluvial Fan Uncertain Flow Distribution
 - AAFF** Approximate Alluvial Fan Floodway
 - AFZA** Alluvial Fan Zone A Flooding
 - SHX** Shaded Zone X



0 300' 600' 1,200'
SCALE: 1"=600'

PRELIMINARY MAPS
THE INFORMATION SHOWN ON THIS PRELIMINARY MAPPING IS THE BEST TECHNICAL INFORMATION AVAILABLE AT THIS TIME TO DETERMINE THE 100-YEAR FLOODPLAIN AND IS SUBJECT TO CHANGE.

DATE	REVISION	BY

DAVID EVANS AND ASSOCIATES INC.
2141 East Highland Ave., Suite 200
Phoenix, Arizona 85016
Phone: 602.678.5151

**EXHIBIT 5
STAGE 3 RESULTS
AERIAL PHOTOGRAPHY**

FAN 38

SECTION: VARIES	TOWNSHIP: 2N	RANGE: 4W
DESIGN BY: SXWI	DATE: 07/06	
CHECKED BY: MIW	DRAWN BY: SXWI	
JOB NO.: STAR00000131	SHEET	1 of 1

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