



Public Meeting
October 2013

Flood Control District Lower Indian Bend Wash Area Drainage Master Study/Plan

**Afshin Ahouraiyan, P.E.
Project Manager**

Lower Indian Bend Wash Area Drainage Master Study/Plan

Agenda

- History of Flood Control
- Planning Studies
- Study Background
- Community Input



History of Flood Control District

- Mission: To keep County residents safe from flood hazards
- District designated as a special taxing district by State Legislation
- Funds are allocated for flood control projects throughout Maricopa County



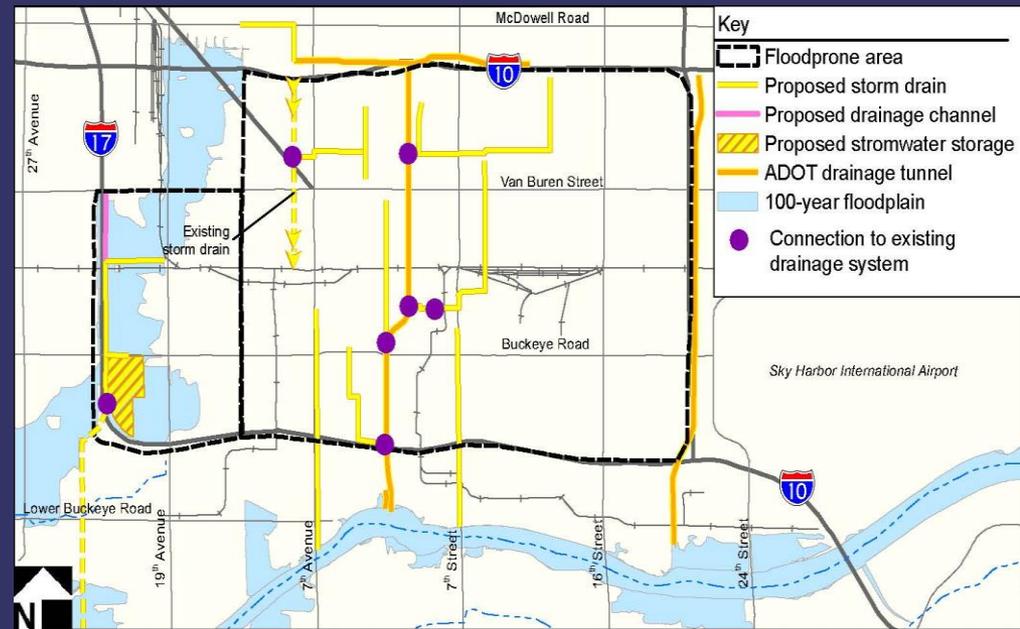
Area Drainage Master Study

- ID Flood Hazard – data collection
- Technical Analysis
- Involve Stakeholders
- Involve Public
- Broad-brush look at environmental, cultural settings, landscape character, and open space



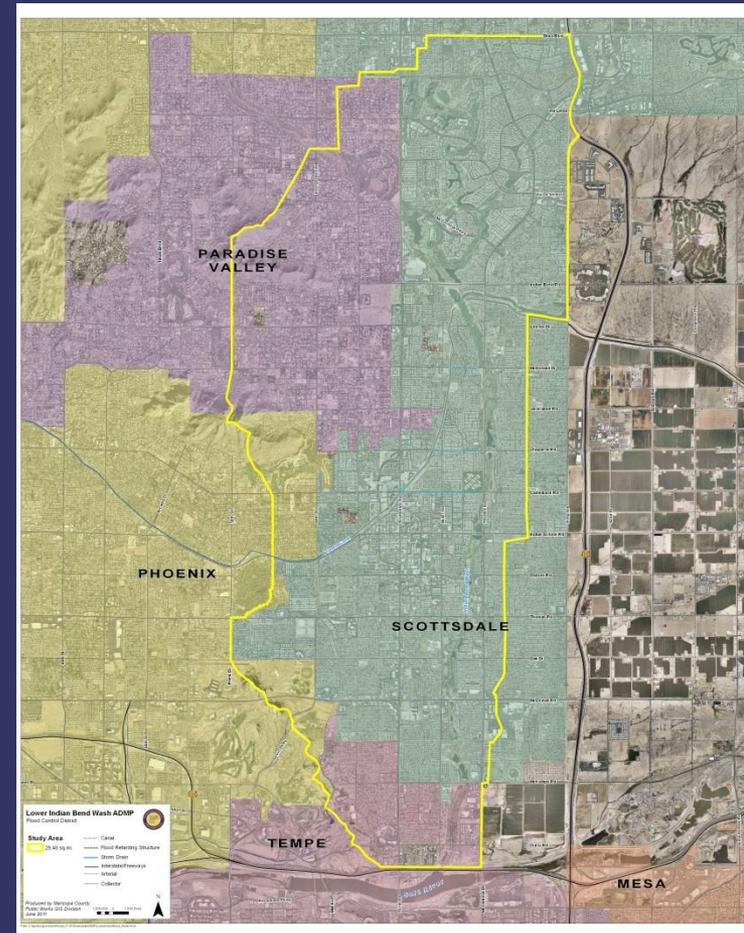
Area Drainage Master Plan

- A blueprint for mitigating hazards and implementing projects
- Involve Stakeholders
- Involve Public
- Coordinate implementation of the plan between jurisdictions



Lower Indian Bend Wash ADMS/P

- Approximately 28 Sq. Miles
- Shea Blvd to North, Salt River to South
- Urbanized Area
- Scottsdale, Tempe, Phoenix, and Paradise Valley



Background

- No current overall drainage study for the area.
- Flooding in older parts of the City.
- Recommended for ADMS/P study.
- ADMS/P study started May 2012.



Status of Project

- Currently in ADMS Phase
 - Data Collection
 - Identify existing drainage issues
 - Technical analysis
 - Conduct Stakeholder and Public meetings
 - Re-delineation of floodplain along AZ Canal



Next Steps

- Use public comments
- Finalize Technical Analysis
- Formulate Ideas/Alternatives
- ADMP tasks:
 - Analyze Ideas/Alternatives
 - Continue Public Meetings
 - Continue Stakeholder Involvement
 - Recommend a Final Alternative
- Future design and construction



Community Input

- Need information on flooding issues
- Asking for any flooding photos- Report a Flood www.Reportaflood.org
- Asking that the survey be filled out today or mailed back



Lower Indian Bend Wash Area Drainage Master Plan/Study
COMMENTS

PUBLIC MEETING
October 2, 2013
Granite Reef Senior Center

Please submit this comment sheet at the meeting or send by October 18 to PIO, Flood Control District of Maricopa County, 2801 W. Durango St., Phoenix, AZ 85009; or fax (602) 506-4389.

Name: _____
 Address: _____
 Phone Number: _____ E-mail: _____

Flooding Identification

Please respond to the following questions to help us identify flooding problems in the study area.

Are you aware of any flooding problems? Yes No
 When did the flooding occur? _____
 Frequency of flooding (how often): _____

Do you have a photograph of the flooding? Yes No
 If yes, can we contact you for this photograph? Yes No

Describe the flooding: _____

Meeting Survey

1. How did you learn about this meeting?
 Newspaper Mailer Friend/Neighbor Signage/Other _____

	Not at All	Slightly	Moderately	Very	Extremely
2. How satisfied were you with the helpfulness of the staff members?	<input type="checkbox"/>				
3. How satisfied were you with the knowledge of the staff members on the topic of the meeting?	<input type="checkbox"/>				
4. How satisfied were you with the professionalism of the staff members?	<input type="checkbox"/>				
5. How satisfied were you with the information you received?	<input type="checkbox"/>				



Questions?





Lower Indian Bend Wash Area Drainage Master Study/Plan

Introduction

The Flood Control District of Maricopa County (District), in association with the city of Scottsdale, is conducting a regional drainage study of the central and southern area of Scottsdale—which also includes portions of Phoenix, Tempe, and Paradise Valley—called the Lower Indian Bend Wash Area Drainage Master Study/Plan (LIBW ADMS/P).

Study Location

The study includes about 27 square miles and is roughly bounded by Shea Blvd to the north, Indian Bend Wash to the east, Salt River to the south and 56th Street to the west.

Purpose and Goals

The District is conducting this study to identify and quantify potential drainage and flooding issues in both residential and commercial areas. The study will be conducted in two phases:

- Phase I will identify and develop a comprehensive list of known flooding problems impacting the study area to document the need for flood control measures. A comprehensive hydrologic model will be developed in order to quantify the drainage and flooding hazards within the study area.
- Phase II, if necessary, will develop a drainage master plan for those flooding problems identified in Phase I. The study team will work to develop a plan that is cost effective, context sensitive, and acceptable to both the public and to the stakeholders. The identified solutions may be implemented together or individually, based on scheduling, funding, and cost share opportunities.

Restudy of Arizona Canal Floodplain

Phase I of the watershed study will also include a re-study of the designated floodplain along the Arizona Canal between Camelback Road and Indian Bend Wash. The floodplain that is currently shown on the Federal Emergency Management Agency Flood Insurance Rate Maps is approximate and does not include the depth of flooding. This re-study will result in a more defined limit of the floodplain that includes depths of flooding based on both newer topographic mapping and the detailed hydrologic analysis conducted with Phase I of the study.

Schedule

Phase I of the study is planned to be completed by May 2014.

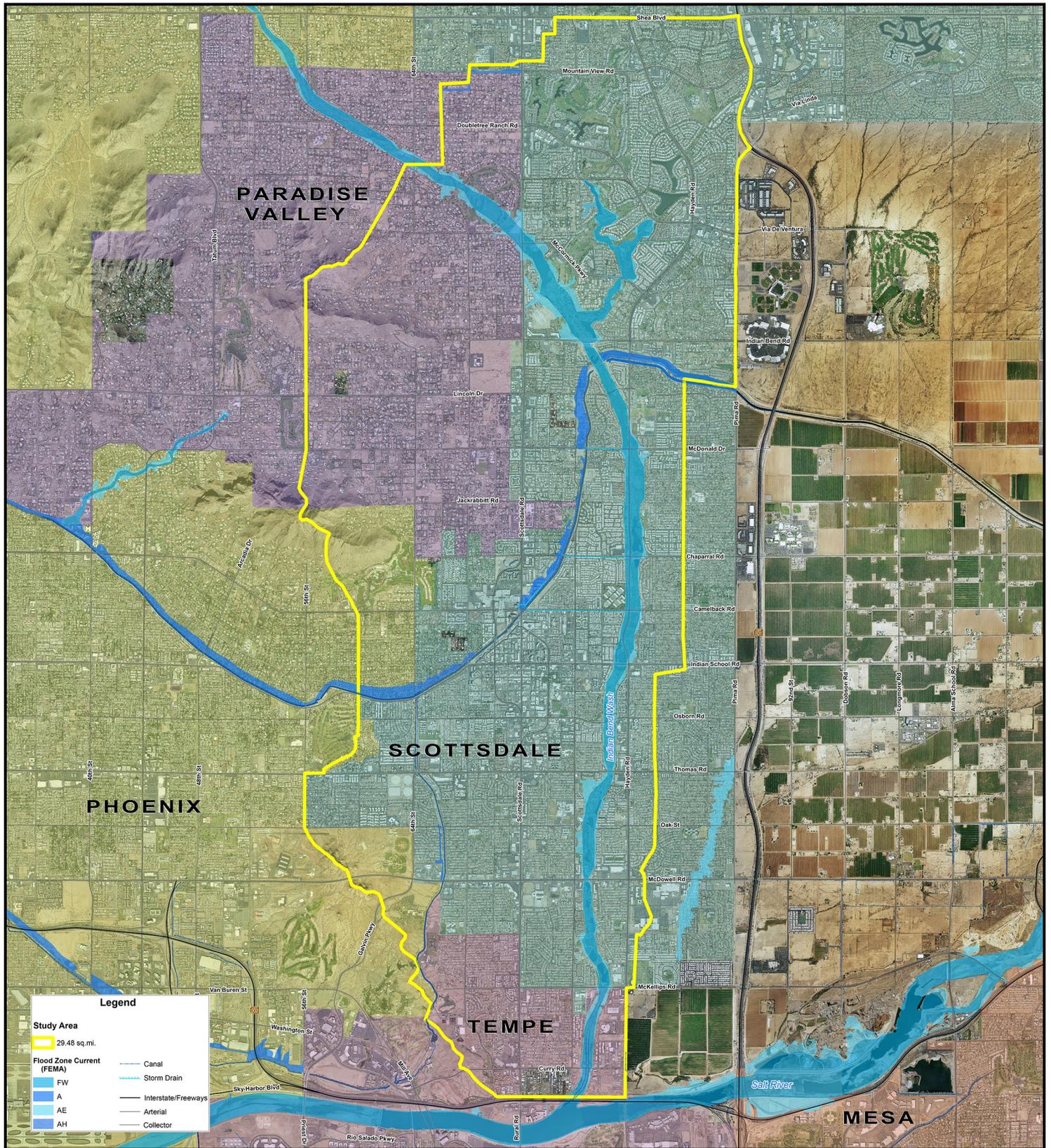
How can you help?

Nothing is better than first-hand information based on experience. Residents who live and work in the study area have intimate knowledge of area drainage conditions and flooding problems. You are the best source of information so please share your knowledge with us. We will use this information to investigate the source and magnitude of the flooding problem; verify or correct our computer models; and, if needed, develop alternative flood control measures to help alleviate the flooding problems.

Contact

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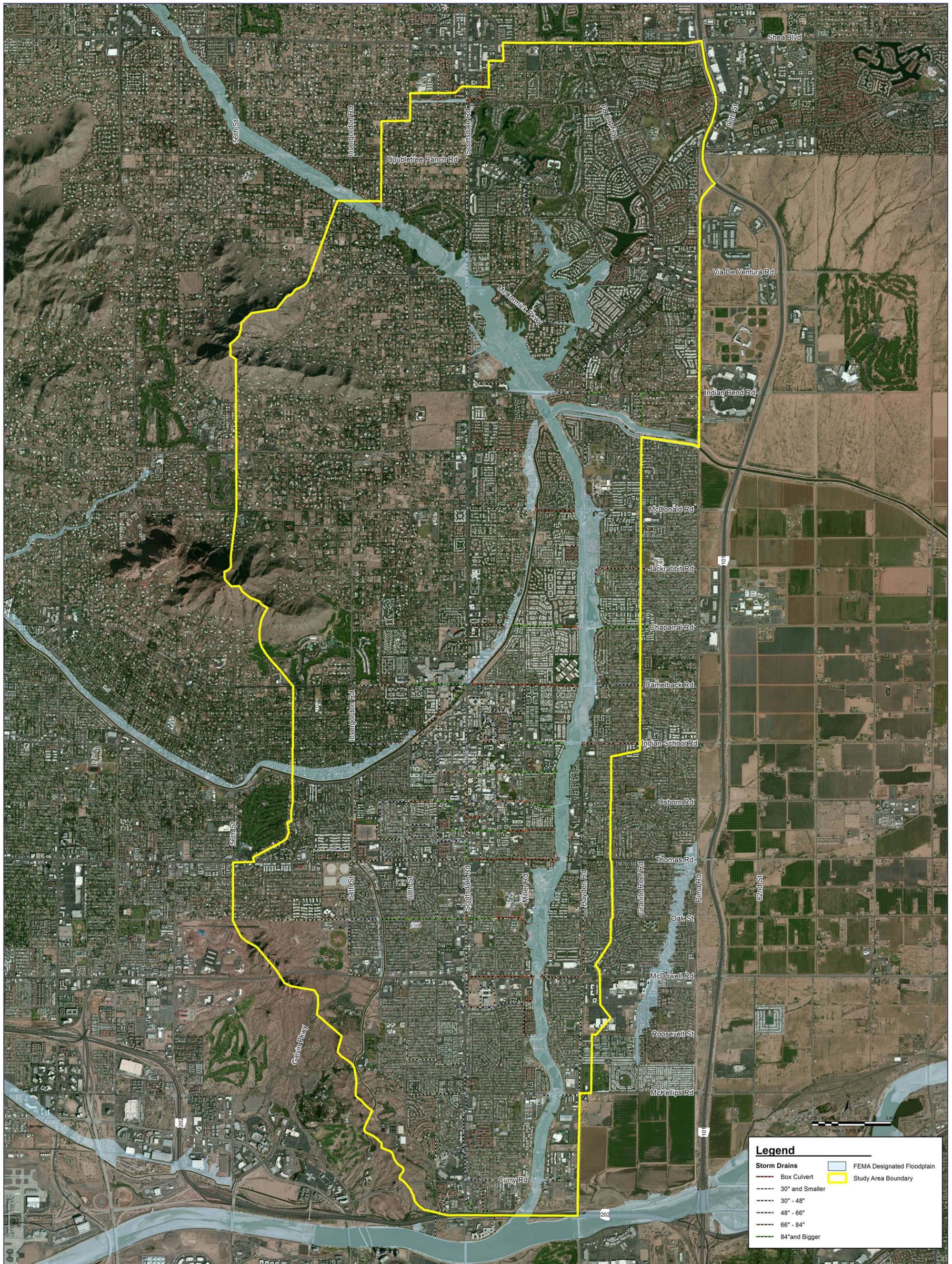
Lower Indian Bend Wash Area Drainage Master Study/Plan





Lower Indian Bend Wash Area Drainage Master Plan/Study

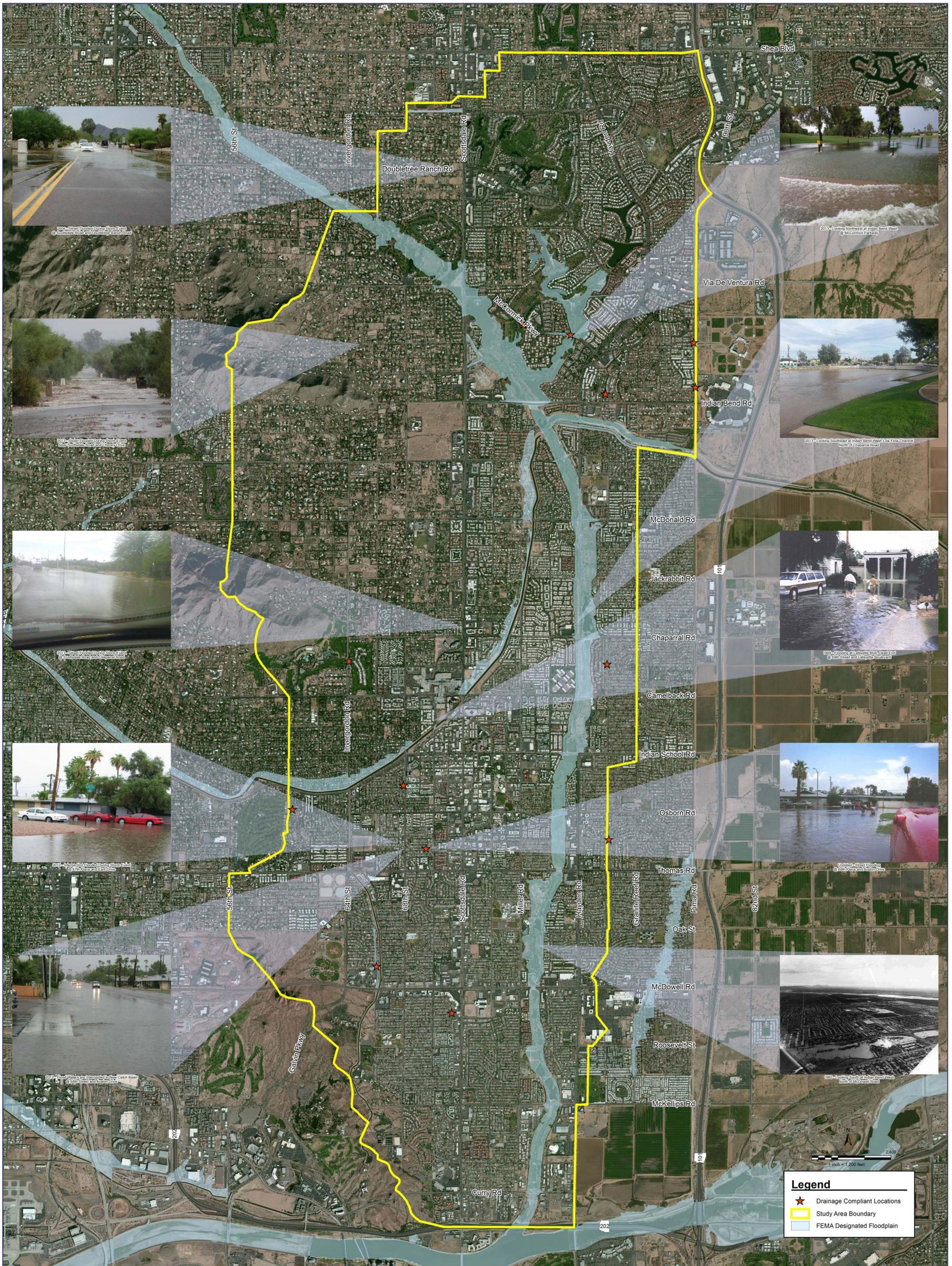
Existing Storm Drains





Lower Indian Bend Wash Area Drainage Master Plan/Study

Flooding Locations





Lower Indian Bend Wash Area Drainage Master Plan/Study COMMENTS

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