

PURSUANT TO A.R.S. §38-431.01, THE GILA COUNTY BOARD OF SUPERVISORS WILL HOLD A MEETING AT THE GILA COUNTY COURTHOUSE, BOARD OF SUPERVISORS' HEARING ROOM, 1400 EAST ASH STREET, GLOBE, ARIZONA. ONE OR MORE BOARD MEMBERS MAY PARTICIPATE IN THE MEETING BY TELEPHONE CONFERENCE CALL OR BY INTERACTIVE TELEVISION VIDEO (ITV). THE MEETING IS ALSO TELEVIEWED TO THE GILA COUNTY COMPLEX, BOARD OF SUPERVISORS' CONFERENCE ROOM, 610 E. HIGHWAY 260, PAYSON, ARIZONA.

NOTE: Per the most recent guidelines from the federal government regarding COVID-19 and to protect citizens, no citizens will be allowed in the Board of Supervisors' hearing room at the Globe Courthouse or at the County Complex, Board of Supervisors' conference room in Payson. The only exception to this statement is for public hearings. Citizens may attend the public hearing in person, one at a time, in Globe or in Payson to provide comments. A face mask must be worn while in the building; however, it may be removed while addressing the Board of Supervisors.

Citizens may watch the Board meeting live-streamed at:

<https://www.youtube.com/channel/UChCHWVqrI5AmJKbvYbO-k2A/live>

Citizens may submit written comments related to the February 23rd Work Session agenda by no later than 5 p.m. on Monday, February 22nd, by emailing the Clerk of the Board at msheppard@gilacountyaz.gov or calling 928-402-8757. Citizens may also submit written comments during the meeting through YouTube. Please include the meeting date, agenda item number, your name, and residence address in the email.

WORK SESSION - TUESDAY, FEBRUARY 23, 2021 - 10:00 A.M.

1. **CALL TO ORDER - PLEDGE OF ALLEGIANCE**
2. **REGULAR AGENDA ITEMS:**
 - A. Information/Discussion regarding the Federal Emergency Management Agency (FEMA) Discovery Process. **(Darde de Roulhac/FEMA Staff)**
 - B. Information/Discussion regarding an update on legislative activity in Washington, D.C. from Gila County's federal lobbyist, Patricia Power of Bose Public Affairs Group. **(James Menlove)**
3. **CALL TO THE PUBLIC:** A call to the public is held for public benefit to allow individuals to address the Board of Supervisors on any issue within the jurisdiction of the Board of Supervisors. Board members may not discuss items that are not specifically identified on the agenda.

Therefore, pursuant to Arizona Revised Statute §38-431.01(H), at the conclusion of an open call to the public, individual members of the Board of Supervisors may respond to criticism made by those who have addressed the Board, may ask staff to review a matter or may ask that a matter be put on a future agenda for further discussion and decision at a future date.

4. At any time during this meeting pursuant to A.R.S. §38-431.02(K), members of the Board of Supervisors and the County Manager may present a brief summary of current events. No action may be taken on information presented.

IF SPECIAL ACCOMMODATIONS ARE NEEDED, PLEASE CONTACT THE RECEPTIONIST AT (928) 425-3231 AS EARLY AS POSSIBLE TO ARRANGE THE ACCOMMODATIONS. FOR TTY, PLEASE DIAL 7-1-1 TO REACH THE ARIZONA RELAY SERVICE AND ASK THE OPERATOR TO CONNECT YOU TO (928) 425-3231.

THE BOARD MAY VOTE TO HOLD AN EXECUTIVE SESSION FOR THE PURPOSE OF OBTAINING LEGAL ADVICE FROM THE BOARD'S ATTORNEY ON ANY MATTER LISTED ON THE AGENDA PURSUANT TO A.R.S. §38-431.03(A)(3).

THE ORDER OR DELETION OF ANY ITEM ON THIS AGENDA IS SUBJECT TO MODIFICATION AT THE MEETING.

ARF-6439

2. A.

Work Session

Meeting Date: 02/23/2021

Submitted For: Darde De Roulhac, Flood Control District Chief Engineer

Submitted By: Shannon Boyer, Executive Administrative Asst.

Department: Public Works

Division: Floodplain

Information

Request/Subject

Federal Emergency Management Agency (FEMA) Discovery Process
Presentation

Background Information

FEMA has begun to help Gila County to eventually update flood maps so that County residents can have more accurate flood hazard information. The next part of the process is called the "discovery process" where FEMA staff meet and listen to the needs and concerns of Gila county, municipalities, and other interested stakeholders. FEMA Region IX staff wish to explain the next steps of the process to the Board of Supervisors and answer any questions the Board of Supervisors may have.

Evaluation

n/a

Conclusion

n/a

Recommendation

n/a

Suggested Motion

Information/Discussion regarding the Federal Emergency Management Agency (FEMA) Discovery Process. **(Darde de Roulhac/FEMA Staff)**

Attachments

FEMA Presentation



Gila County: What is FEMA's Discovery Process



FEMA

Gila County
February 2021

Discussion Topics

- Risk MAP Discovery Process
- Discovery Accomplishments in Gila County To Date
- What is Base Level Engineering?
- Value of updated Hazard Information for Mitigation Actions
- Questions

We are here to listen.

We want to learn about your risks and natural hazards and identify strategies together to increase your resilience.

- What characterizes risk in your community?
- What actions are you already taking to reduce and manage your risk?
- What technical resources do you need to become resilient?

In short, what keeps you up at night?

Gila County Accomplishments Achieved through Active Listening

- ▶ **2,121 square miles of LiDAR terrain Data: \$551,460 purchase by FEMA in 2017.**
- ▶ **145 non-model backed Zone A stream miles of Base Level Engineering, \$111,820 purchase by FEMA in 2020.**
- ▶ **Total FEMA investment to date: \$663,280**
- ▶ ***98 additional streams miles identified as high interest by Gila County Floodplain Administrator***
- ▶ ***Identification of City of Globe detailed floodplain studies in need of correction and update***

What Else can Gila County gain from the Discovery process?

1. Improved flood hazard or risk maps and multi-hazard risk assessment tools, tailored for *your* needs
2. Stronger relationships with FEMA and local agencies, to voice *your* priorities
3. Best practices and lessons learned from *your* peers



FEMA

Our Partner Agencies



**US Army Corps
of Engineers®**



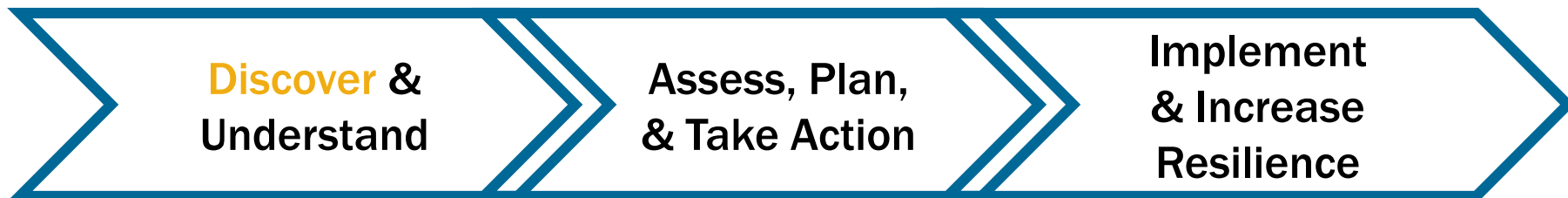
FEMA



Risk MAP Overview

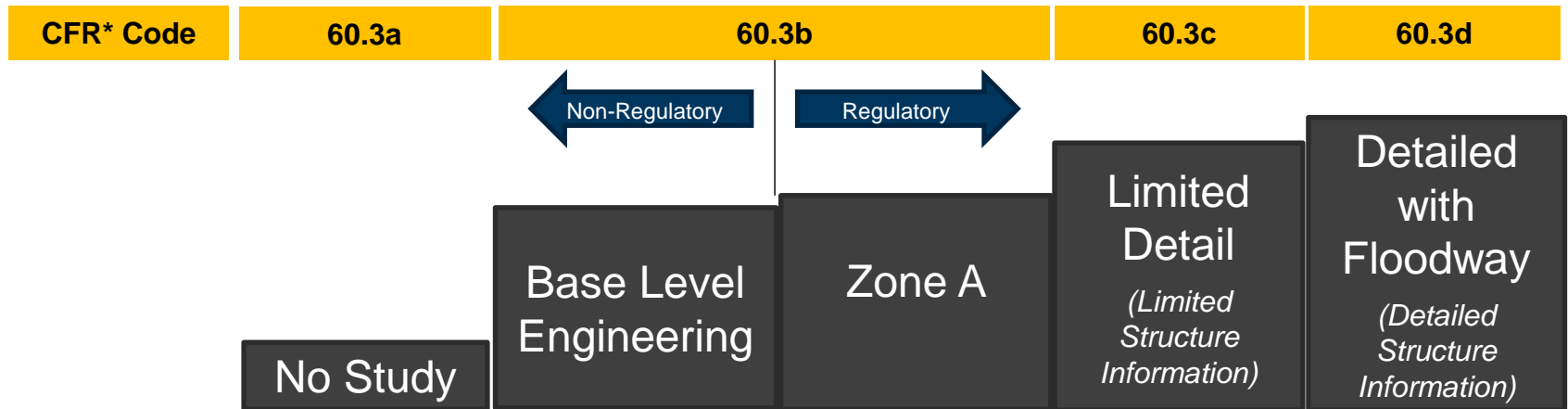
Risk MAP: Mapping, Assessment, and Planning

A FEMA program that provides natural hazard data and risk assessment tools, technical support, and outreach materials to strengthen the local capacity to make better, more informed decisions about reducing risk and increasing resilience



FEMA

Creating Scalable Modeling



**- Code of Federal Regulations: applicable for development & floodplain management activities*

Highly automated modeling; structure openings derived from NBI data base

Difference between BLE & Zone A is county acceptance/request to revised a FIRM

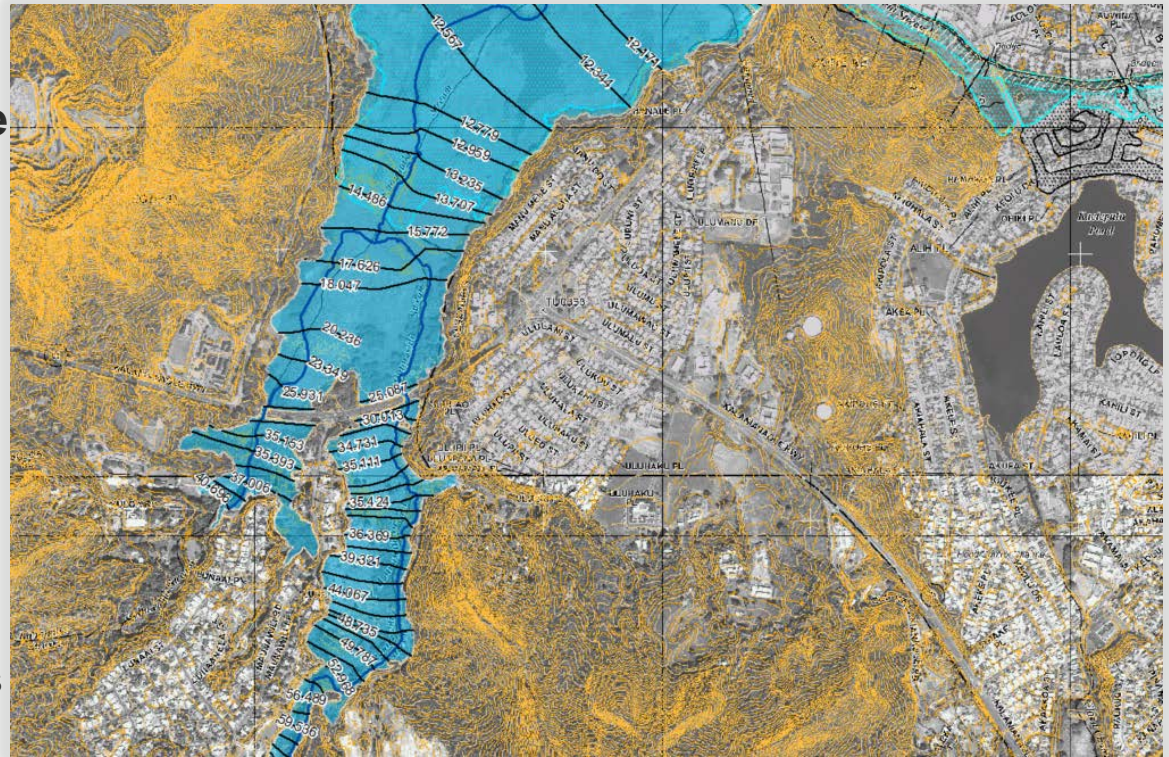
Top of road and stream inverts based on LiDAR data; culvert sizes often based on field measurements / visual inspection

Detailed structure input based on as-built drawings or field survey. Regulatory floodways mapped to assist locals

Base Level Engineering

► **Automated engineering analysis using LIDAR topographic data to provide flood hazard mapping where there is currently a gap**

- For local use; leveraged by counties to determine building criteria in and around floodplains
- Allows FEMA to assess the adequacy of current/effective flood Zones A & D
- Flood hazard data that provides for broad risk communication
- For incorporation into a future FIRM update

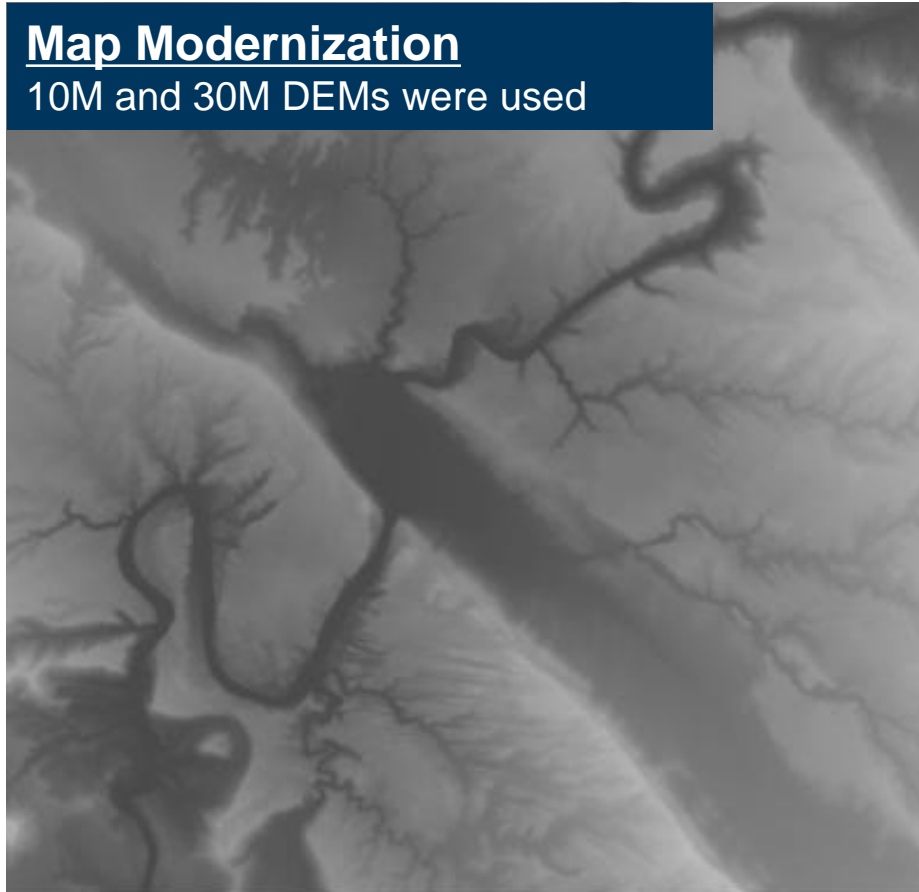


Base Level Engineering

High Resolution Elevation Data Required

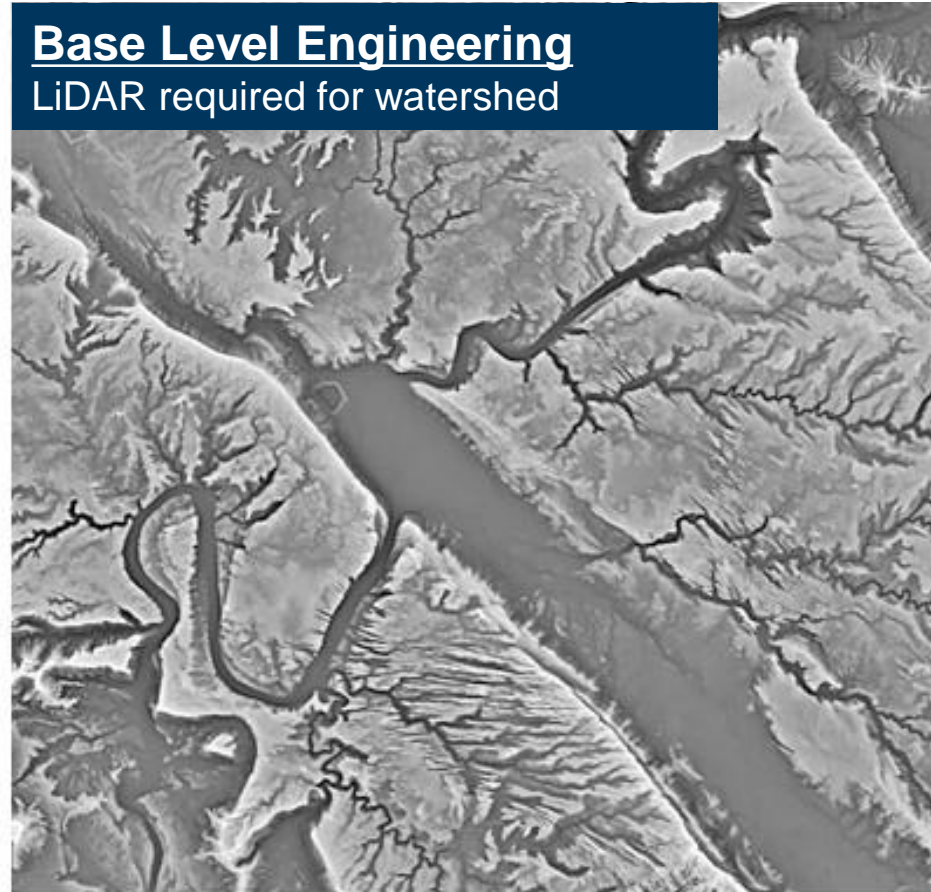
Map Modernization

10M and 30M DEMs were used



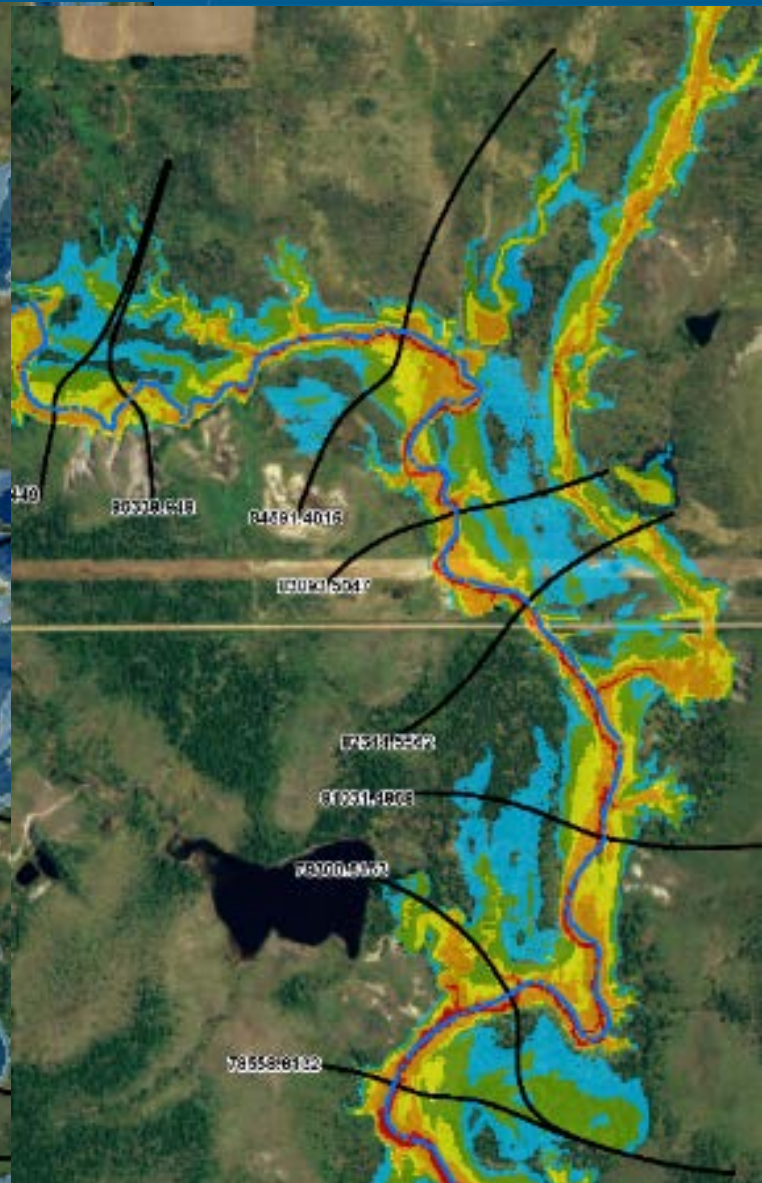
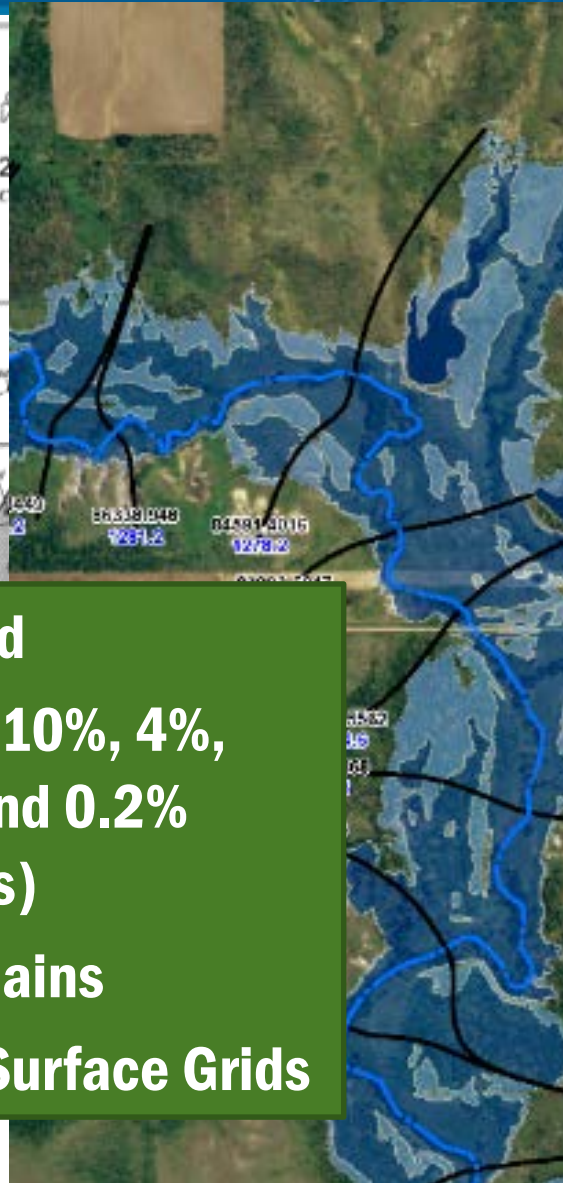
Base Level Engineering

LiDAR required for watershed



FEMA

Detailed Floodplain Engineering Study Products Including Base Level Engineering



Minimum Data Produced

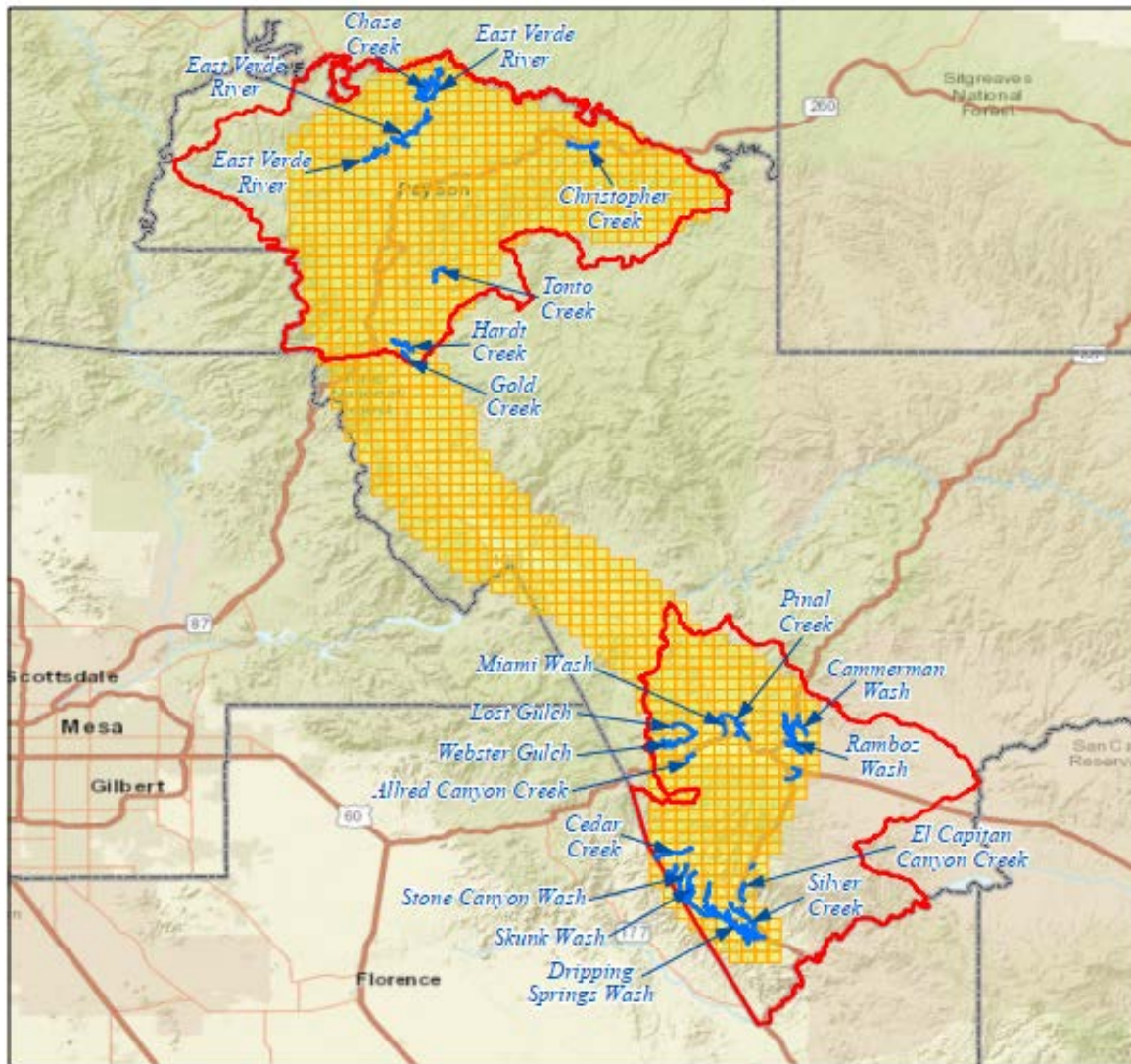
- Hydraulic Modeling (10%, 4%, 2%, 1%, 1%+, 1%-, and 0.2% annual chance floods)
- 1% and 0.2% Floodplains
- 1% and 0.2% Water Surface Grids

Gila County – Current Scope of Work

- Current study streams, totaling 145 miles, are associated with existing Zone A areas

Legend

- Scoped Streams
- Study Area
- LiDAR processed
- County Boundaries



Gila County, Arizona Base Level Engineering

Benefits for Updated Hazard Information for Mitigation

Creates data for conversations about existing flood risk and ways to reduce future losses

- ▶ Assist in understanding that the current FIRM does not adequately identify flood hazards
- ▶ Provides engineering data and initial review of expected flood hazards before a more detailed study is initiated
- ▶ Insights into how modifications of the built environment may change risk and future flood losses



**DATA FOR
REVIEW**



COLLABORATIVE



FASTER



FEMA

Most Importantly: Gila and FEMA Must Partner in all Efforts that Stem from Discovery

- ▶ **Through Discovery and taking action we commit to do as much together as we can accomplish over the next 5 to 7 years to set Gila County up for success in resilience**

Michael Bishop, *FEMA Risk Analyst*

Nancy Steinberger, *FEMA Floodplain Engineer*

Patricia Rippe & Mira Hahn, *FEMA Floodplain Management Specialists*

ARF-6483

2. B.

Work Session

Meeting Date: 02/23/2021

Submitted For: James Menlove, County Manager

Submitted By: Sherry Grice, Management Associate

Department: County Manager

Information

Request/Subject

Update on legislative activity in Washington, D.C. by Patricia Power, Bose Public Affairs Group.

Background Information

Since 2006, Patricia Power of Bose Public Affairs Group (BPAG) has provided consulting and lobbying services for Gila County at the federal government level. Her current contract runs through June 30, 2021. From time to time, Ms. Power provides an update on legislative activity in Washington, D.C. to the Board of Supervisors.

Evaluation

It is important for the Board of Supervisors to receive an update from Ms. Power on her recent lobbying efforts and activities in Washington, D.C. and to discuss possible grant funding opportunities that may be available to Gila County.

Conclusion

It would be beneficial to the Board of Supervisors and the public to receive an update from Ms. Power on the legislative activity in Washington, D.C. which may affect Gila County.

Recommendation

N/A

Suggested Motion

Information/Discussion regarding an update on legislative activity in Washington, D.C. from Gila County's federal lobbyist, Patricia Power of Bose Public Affairs Group. **(James Menlove)**

Attachments

No file(s) attached.
