Gila County Board of Supervisors

Emergnecy Management, Debris Removal and Storm Damage Mitigation Projects

December 16, 2025 - Work Session

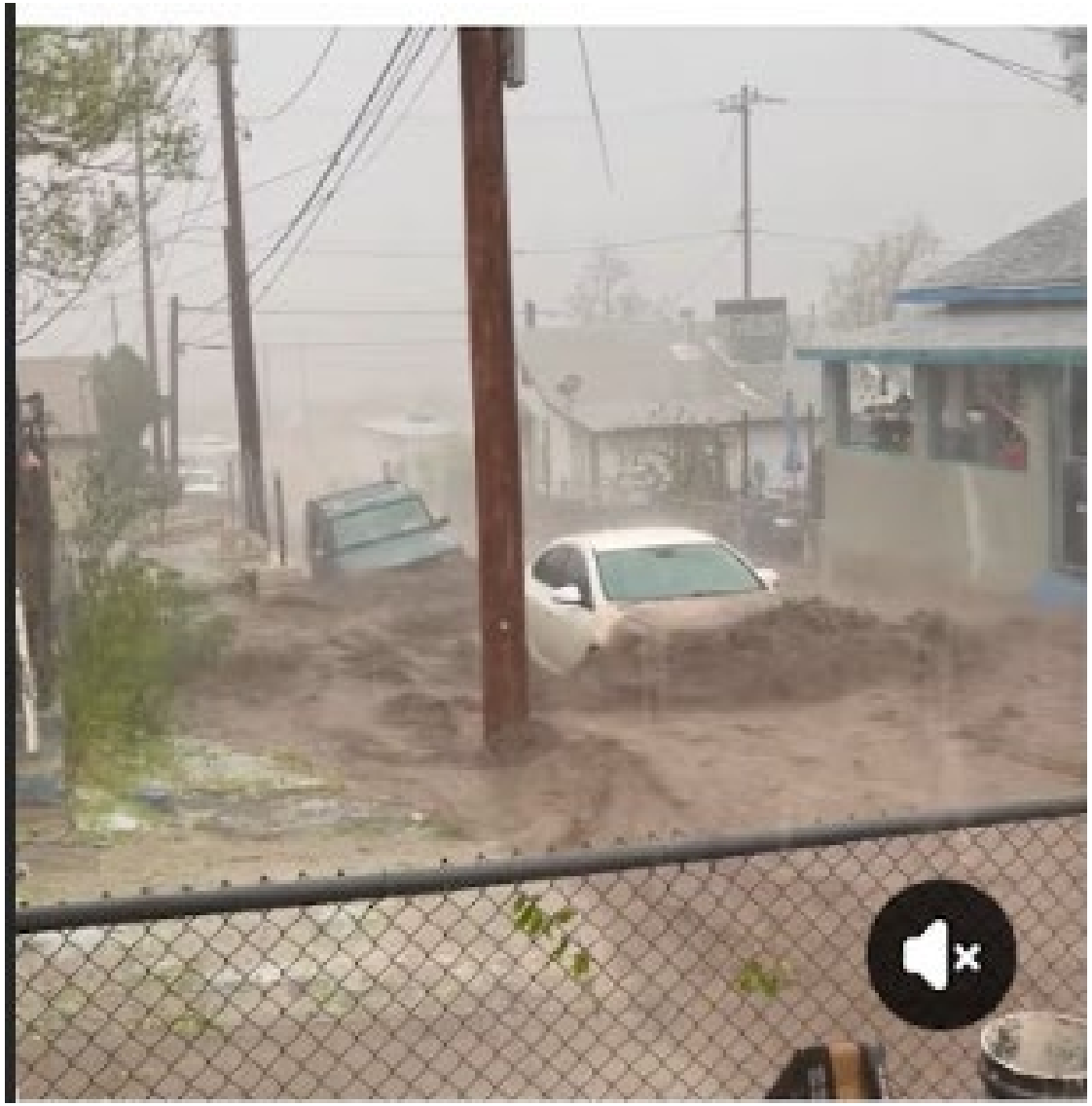
- **Recap of Storm Events**
- **Emergency Management Update**
- **Public Works Updates and seeking Supervisor’s Feedback and Direction**

Storm Events

- September 25, 2025 and October 10, 2025, the southern part of Gila County experienced prolonged and intense storm events that produced heavy rainfalls that exceeded a100-year event.

- The storms caused catastrophic and widespread flooding impacting residents, businesses, multiple drainage systems, low-water crossings, bridges, and roadway corridors.





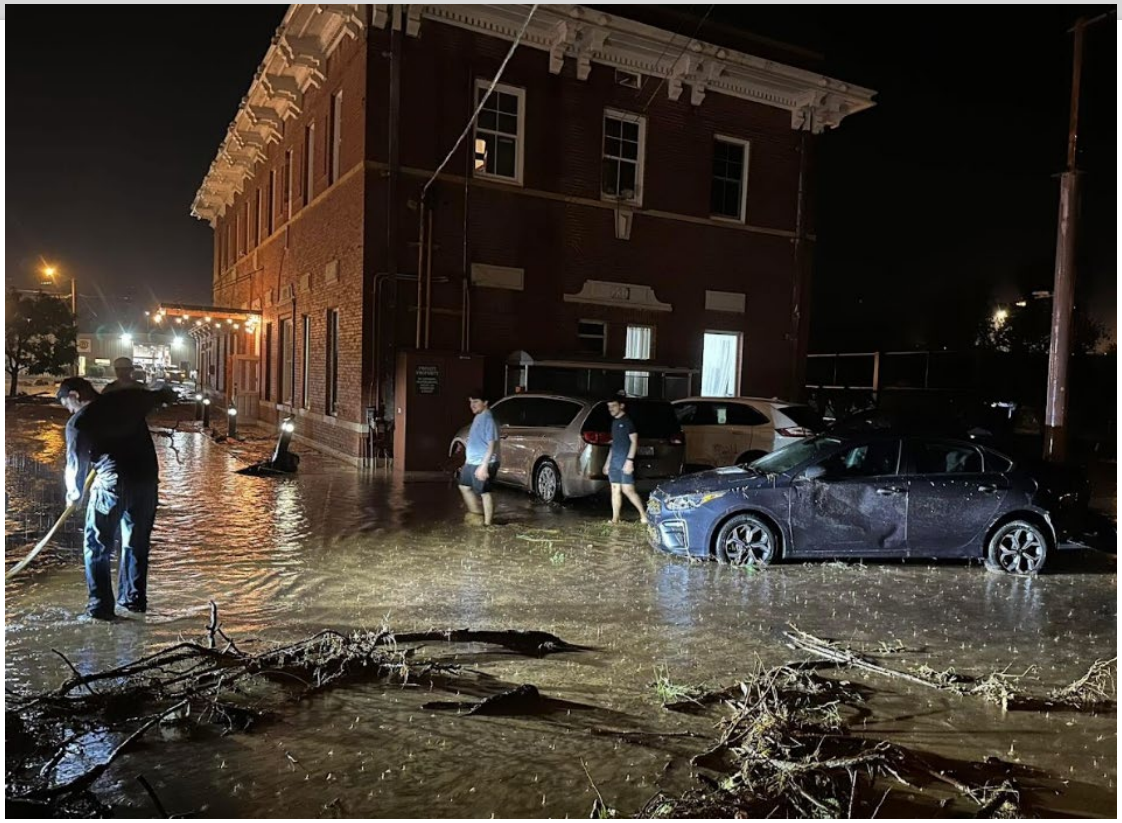



FIRST ALERT WEATHER DAY
Cows swim to safety after
7.9K






POWER










Miami Art Works
OPEN









Emergency Management Update

- The County's Emergency Operations Center was activated September 29 and worked with multiple agencies to address immediate community issues.

- The County's Emergency Manager will provide a brief overview of actions undertaken and current status.

Public Works Update and seeking Supervisor's Feedback and Direction

- Damaged Infrastructure and massing of Debris & Household Waste (submittal to DEMA)
- Handling of Sediment and Debris
- NRCS sponsored projects
- Preliminary/Estimated Costs
- Risks (funding/timelines)
- Action Plan and Deadlines











Areas currently being used for household debris and sediment around the Landfill















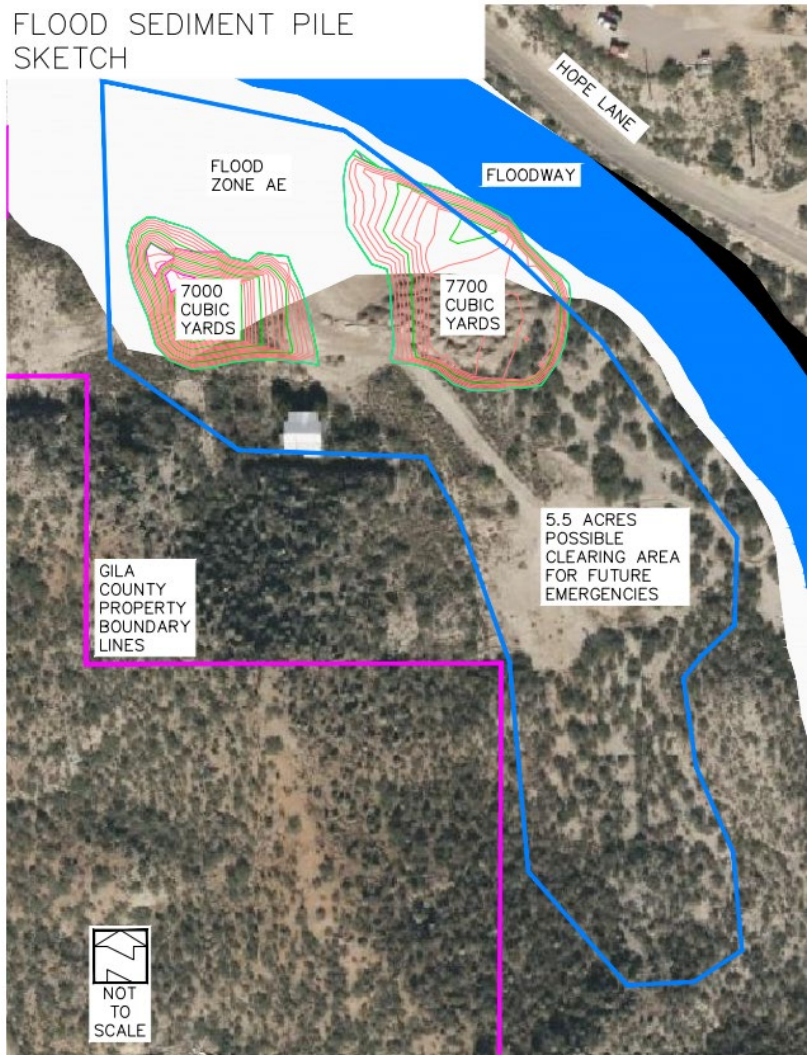
DEMA (AZ Dept of Emergency Management)Submittal

Category	Name of damage/facility	Describe Damage	Approx. Cost	Conceptual Costs	Comments
C	Copper Hill Rd 1	Road Embankment Washout #1	$270,000	$1,250,000	Major Culvert undercutting
C	Copper Hill Rd 2	Road Embankment Washout #2	$250,000	$1,250,000	Major Bank Erosion
C	Copper Hill Rd 3	Road Embankment Washout #3	$150,000	$250,000	Needs to be addressed before next storm
C	Copper Hill Rd 4	Road Embankment Washout #4	$150,000	$250,000	Needs to be addressed before next storm
C	Six Shooter Canyon Rd 1	Bridge Support Erosion	$120,750	$5,000,000	Dolores Bridge - ready to fail
C	Six Shooter Canyon Rd 2	Wash Distruction - Culvert Blockage	$48,250	$5,000,000	Abiquiu Abutments and Bank Protection
C	Bixby Bridge	Bixby Bridge Debris	$250,000	ADOT evaluating	Address debris
B	Emergency Protective Measures	P&E, VacTruck, Supplies	$336,940	Complete	Personnel Equipment Supplies
A	Russell Gulch Channel	Contaminated Debris Cleanup	$2,099,001	$2,099,001	14,000 cubic yards om each side of Besich
A	Debris Management	Contract Debris Monitoring and Management	$500,000	$500,000	Metals, volatiles, hydrocarbons, e- coli test/report
A	Debris Disposition	Contamiated Debris Disposal	$4,500,000	$4,500,000	14,000 plus 200 tons of HH Debris,haul to AJ/Forest
C	Ice House Canyon/Albany Crossing	Road Repair	$37,250	$1,000,000	Abutment undercutting at outflow
C	Pinal View Dr	Road Repair	$20,250	$20,250	Road Yard address

Sediment Disposition and Hauling Strategy

- Hauling to Apache Junction (AJ) is expensive adds approximately $100+ ton – longer distance and tipping fees
- We have at least 43,000 cubic yards/60,200 tons; additional cost to haul to AJ vs local disposition is $6 million
- Alternatives to Haul Sediment to third party landfill
  - Maximize availability of Kellner Pit – Good Neighbor Agreement with Forest Service
  - Work with Forest Service on Castle Dome – Amend Agreement
  - Utilize our property adjacent to Landfill
  - Make clean sediment available to public

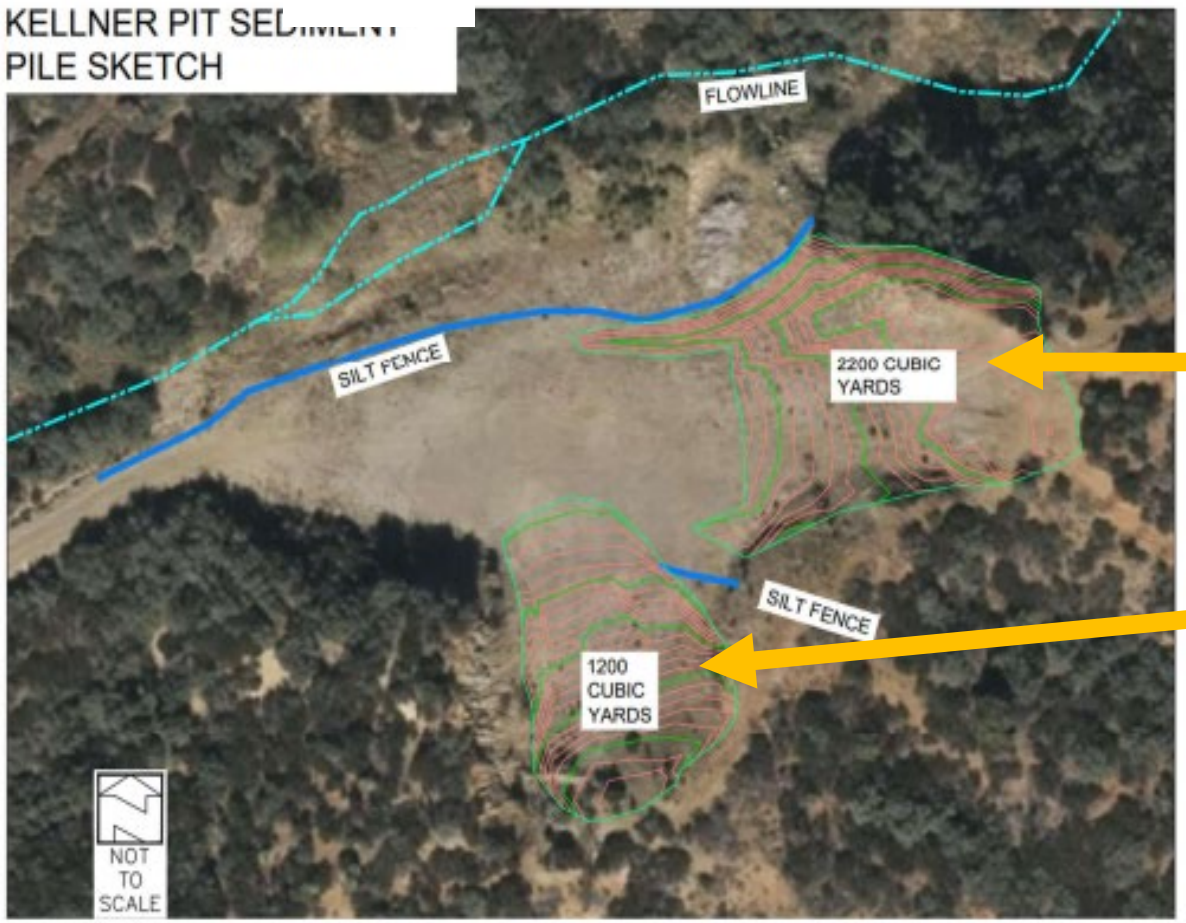
“~~8000 CY~~” “14,700” at County Lot South of Landfill



Sediment Piles and Available Area

- 7,700 CY Pile - Storm 1 plus Telegraph
- 7,000 CY Pile – Storm 2
- Blue Envelope - Available area for Sediment Deposit
  - Does not impact floodway, drainage or neighbors
- White Rectangle- House that should be demolished and removed
- The Area is 5 times the size of the Kellner Pit.
- Estimate 25,000 Cubic Yards available

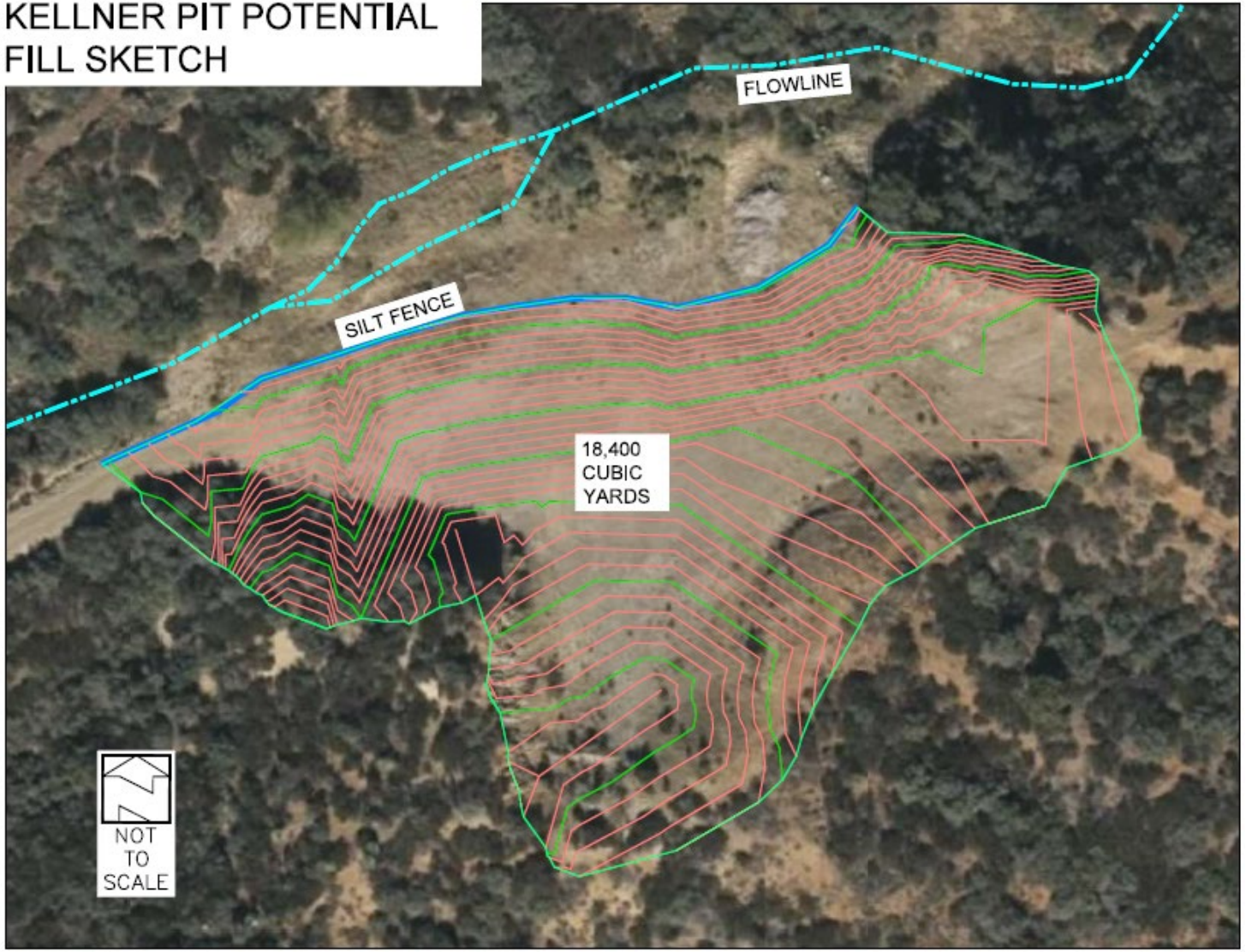
Recent Material to Kellner Pit -3,400 CY



Storm1 – 2200 CY

Storm 2 -1200 CY

Kellner Pit – 15,000 CY availability



Our Surveying Team

- Start with area topo before we added material to Kellner
- Assume 3 to1 slope from adjacent high area to low point generate contour lines
- Model the area from one land plane to the other
- Subtract existing fill

Hauling Plan

- Utilize remaining space at Kellner Pit, waiting for water table or material testing…
- Work with Forest Service (FS) on Castle Dome
  - FS is reviewing ADOT NEPA to make sure it acceptable
  - FS will amend the Good Neighbor Agreement …
- Demolish House at County Site and use remaining space…
- Evaluate Fairground for suitability …
- If all these options fill up or are not available, may have to haul what is left to Apache Junction

Safeware Inc for Debris Testing/Removal/Report

Safeware Scope of Work

- Project Enablement - Planning and Sampling/Evaluation of Sediment
- Test and dispose of sediment landfill Site – 14,000 CY
- Test and dispose of household debris from Landfill – 600 Tons
- Test, contour, and reseed Kellner Pit
- Drainage Evaluation downstream of BHP pond
- Test and dispose of Russell Gulch sediment and flexamat

Disposition Locations - Scope of Works Assumes Local Sites

Other considerations:

- Relocate 14,000 CY at current site (near landfill) to rear of lot and away from Floodway as needed and reserve remaining space for future use
- Hire third party to prepare documents for FEMA submittal - DSR
- Create stand alone scope of work for Russell Gulch sediment removal and prioritize with Safeware using DFFM funding for Hospital Dr to Besich and explore using DEMA funding for Besich to Little Acres

Debris/Sediment Cost Summary

		12/8/2025		CY	Tons	$/Ton
1	Project Enablement	$ 180,286				
2A	Sediment Landfill	$ 1,928,838		14,000	19,600	$ 98
3B	Household debris	$ 576,555			600	$ 961
4C	Kellner Pit	$ 522,323				
5D	Russell Gulch	$ 916,510	DFFM Sediment Removal Besich toHospital Drive	10,000	14,000	$ 65
			Flexamat Removal		829	$ -
X	Russell Gulch	$ 1,000,000	DEMA Sediment Removal Besich to Little Acres		14,000	
		$ 5,124,511				

DEMA TO FEMA Submittal	Total	$	7,099,011
Debris Management		$	500,000
Debra Dispostion		$	4,500,000
Russell Gulch Sediment Removal		$	2,099,011

DFFM funding for Project 5D will be requested and our Public Assistance request includes the remainder

NRCS/EWP and JE Fuller

- **NRCS projects include:**
  - Russell Gulch Restoration – Besich to Hospital Drive Restoration
  - Copper Hills Roads – 4 locations – Erosion protection and bank stabilization
  - Ice House Canyon at Albany Drive – Erosion protection and bank stabilization
  - Six Shooter- Banks and stream crossing stabilization
  - Hospital Floodwall – Gila County sponsors; Hospital funds all costs, manages project, remains responsible for maintenance and holds County harmless

- JE Fuller has submitted a Scope of Work (CTR066849) to proceed with work

NRCS Schedule – Tentative Dates
DSR – January 16,
Funding Available – February 27, 2025
Substantial Completion – October 5, 2025.

DEMA Dates
Identify all Projects – December 28
Complete A & B Projects – March 27, 2026
Complete A & B Projects – Sept 27, 2026

Current Plans - Summary

- **Move Forward with NRCS – Need to submit Damage Survey Report January 8, 2026**
  - 25% Local Share
  - They pay as we invoice
  - They undertake all NEPA permitting and costs – biological and biological (saves time and costs)
  - Local NRCS team (7) of them were at our last meeting - expressed project support
  - Offered to help with some of the engineering cost
  - In- kind counts toward local share
- **Award Engineering PO to JE Fuller**
  - Will use previously developed hydrology 2021
  - Will leverage work done on earlier plans
  - Have assigned unique project leader for each project
  - 8 team members attended December 1, 2025 NRCS meeting
- **Utilize the CMAR and/or JOC procurement methodology for construction contractors**
  - Participate with design team early in the design process – time/cost
  - Can start work on identifying utilities early
  - Require a Guaranteed Max Price at end of design phase or even at 90% plan
  - Existing contracts with co-operative language are being researched
- **DFFM Funding – Shared Fund**
  - County/City/Town –County apportions funds, but City/Town manage their project – develop scope and contract
    - project has to consist of sediment removal from washes
  - County - Utilize DFFM funding to remove sediment and flexamat at Russell Gulch
- **DEMA/FEMA funding (possibilities and risks)**

Projects		Funding Source		Sources of Funding				
				FEMA - 10% to County			NRCS -EWP - 25% to County	
December 10, Version			Current Cost Estimate	Assistance	**Local Share**		Assistance	**Local Share**
Russell Gulch Sediment DFFM		**DFFM**	$ 916,510	Beisch to Hospital Drive				
Russell Gulch Restore		**NRCS**	$ 5,000,000	$ 4,500,000	$ 500,000		$ 3,750,000	$ 1,250,000
Copper Hills 1		**NRCS**	$ 1,250,000	$ 1,125,000	$ 125,000		$ 937,500	$ 312,500
Copper Hills 2		**NRCS**	$ 1,250,000	$ 1,125,000	$ 125,000		$ 937,500	$ 312,500
Copper Hills 3		**NRCS**	$ 250,000	$ 225,000	$ 25,000		$ 187,500	$ 62,500
Copper Hills 4		**NRCS**	$ 250,000	$ 225,000	$ 25,000		$ 187,500	$ 62,500
Six Shooter Rd		**NRCS**	$ 5,000,000	$ 4,500,000	$ 500,000		$ 3,750,000	$ 1,250,000
Six Shooter Bridge		**NRCS**	$ 5,000,000	$ 4,500,000	$ 500,000		$ 3,750,000	$ 1,250,000
Ice House		**NRCS**	$ 1,000,000	$ 900,000	$ 100,000		$ 750,000	$ 250,000
					Sub Total		$ 14,250,000	$ 4,750,000
							Total NRCS	$ 19,000,000
Emergency P&E and Supplies		**FEMA**	$ 336,940	$ 303,246	$ 33,694			
Bixby Bridge - Debris Removal		**FEMA**	$ 250,000	$ 225,000	$ 25,000		Local Shares	
Pinal View Dr- Erosion		**FEMA**	$ 20,250	$ 18,225	$ 2,025		FEMA	$ 550,939
Debris Management includes testing		**FEMA**	$ 334,839	$ 301,355	$ 33,484		NRCS	$ 4,750,000
Russell Gulch Sediment B- LA		**FEMA**	$ 1,182,491	$ 1,064,242	$ 118,249		Total	$ 5,300,939
Debris Removal		**FEMA**	$ 3,384,872	$ 3,046,385	$ 338,487			
			Sub Total	$ 4,958,453	$ 550,939		Cash Outflow	$ 10,259,392
GRAND TOTAL		**All**	$ 25,425,902	Total FEMA	$ 5,509,392		While we wait for FEMA $	
Hospital Flood Wall-$913,016							$ 684,762	$ 228,254

- Engineer cost not included
- Have not heard from FEMA
- NRCS is optimistic
- Culvert at Dolores Bridge would funded by HURF - $1m
- County Share

May have to wait undetermined time to get reimbursed by FEMA

Important Action Items

- Finalize JE Fuller Scope of Work and issue contract – Tom, Christine, Carrie, Olivia
- Review and Finalize Safeware Scope of Work – Homero, Christine
  - Submit Enablement Section of Scope of Work to procurement for contract
- Confirm CMAR and JOC Vendor Selection Process for use with NCRS/EWP grants – Carrie, Olivia
- Prepare Economic Development Agreement for Hospital Floodwall and work with County Attorney on contract – no cost to county, hospital maintains, hospital holds county harmless, etc – Tom, Homero
- Add sediment removal from Besich to Little Acres using FEMA funding to Safeware contract– Homero, Tom, Christine
- Bixby Bridge - FEMA Funding Debris Removal–Need to finalize county debris removal project – Homero, Tom, Steve

- **Important Dates**
  - **Dec 16 and 17 - DEMA Site Visits**
  - **Dec 27- FEMA Project List is Due to DEMA for Sept Event**
  - **Jan 8 – Damage Survey Report to NRCS**
  - **Feb 19 – NRCS Funding Available (Assume 6 weeks after DSR submitted)**
  - **March 28, 2026– Complete Emergency Projects with DEMA**
  - **Sept 28, 2026– Complete Permanent with DEMA - Bixby Debris and Pinal View Drive**
  - **Sept 27, 2026 – Complete NRCS Projects (220 days after Funding Available)**

Welcome your questions and input

Thank you



End of Presentation Slides