

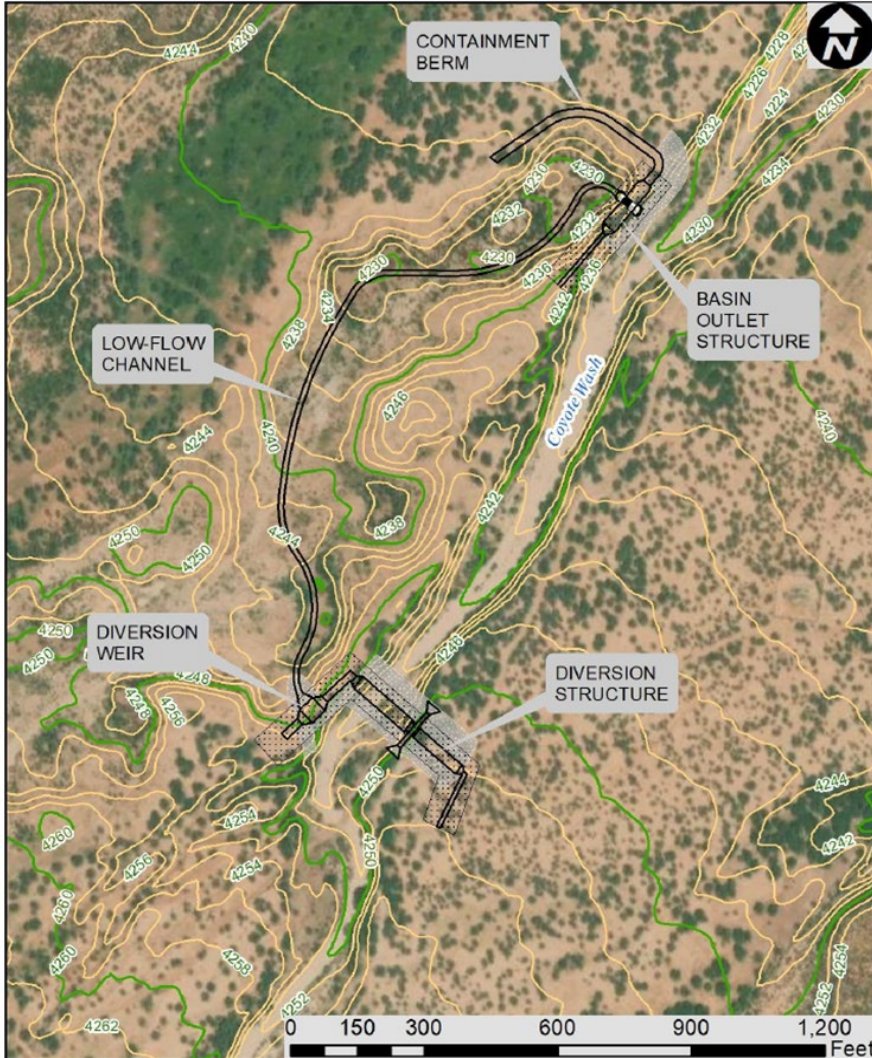
# Engineering & Natural Resources Flood Control District

Board of Supervisors  
Work Session  
December 16, 2025

Jackie Watkins, P.E., CFM  
Director / County Engineer

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## Coyote Wash Construction \$5.5 Million Completion March 2026

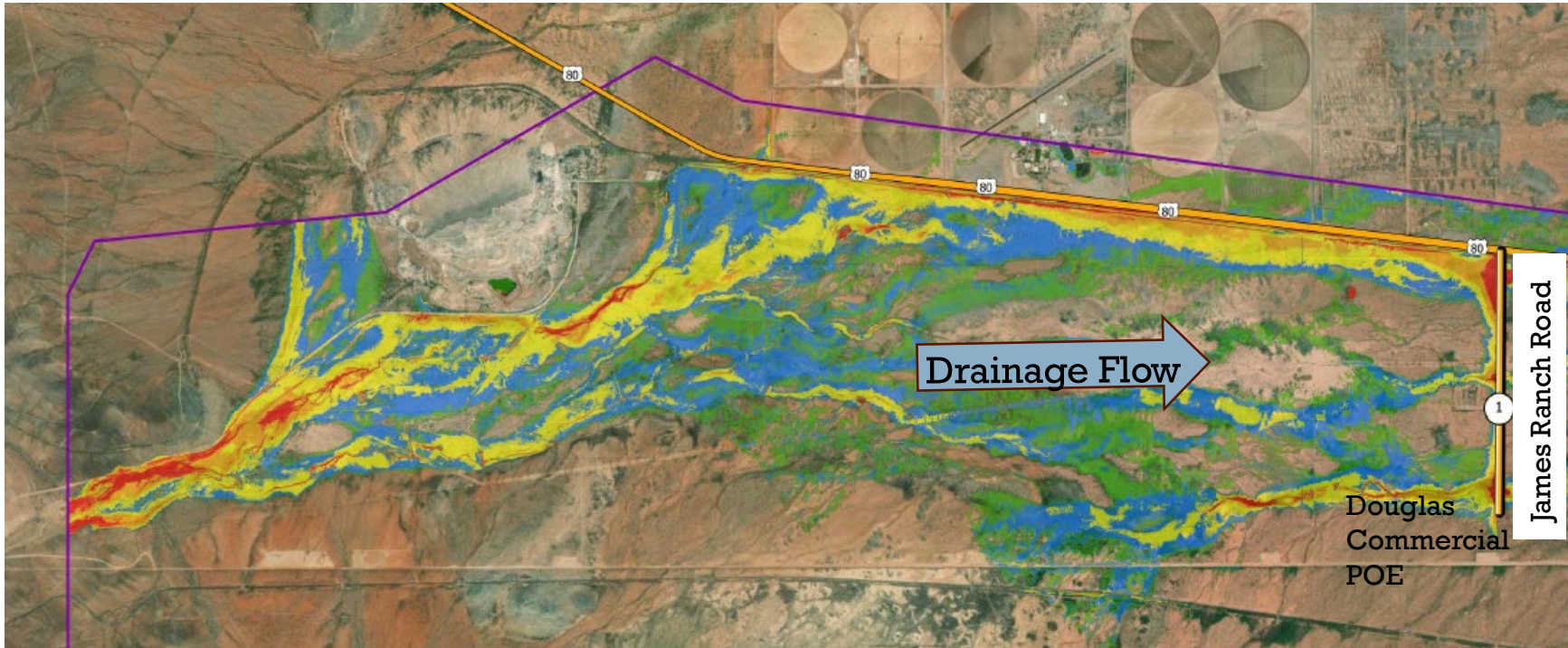




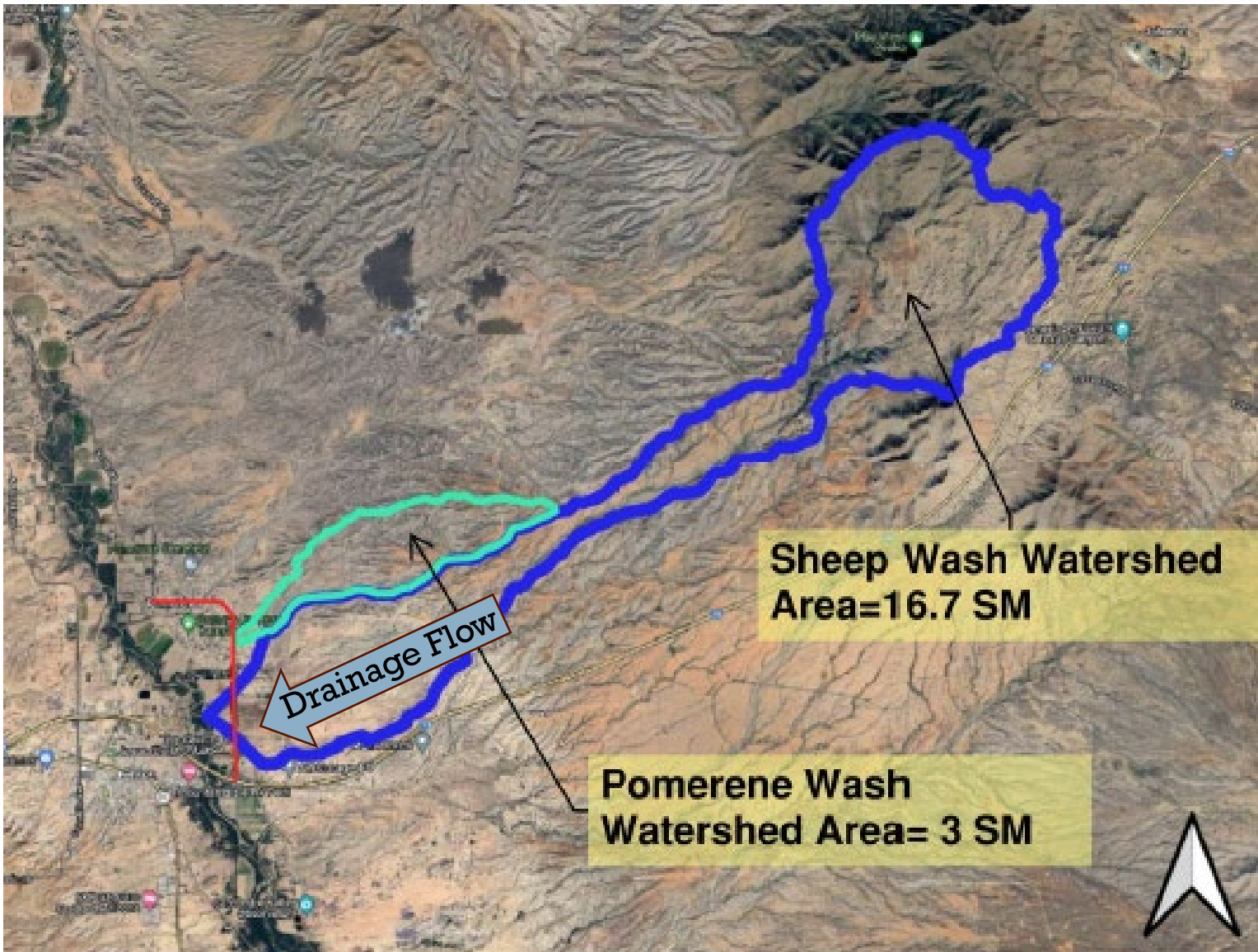
## Moson Road Drainage

- Project is 7.7 miles
- 11 Major water crossings
- 4,500 vehicle per day
- Stormwater flow from southwest to northeast
- Estimated Construction Cost \$50M
  - Drainage Cost \$12.3M
- 42 existing pipe culverts
- Drainage design & cost
  - 131 pipe culverts \$3.9M
  - 3 box culverts \$2.6M
  - 2 bridge structures \$5.8M

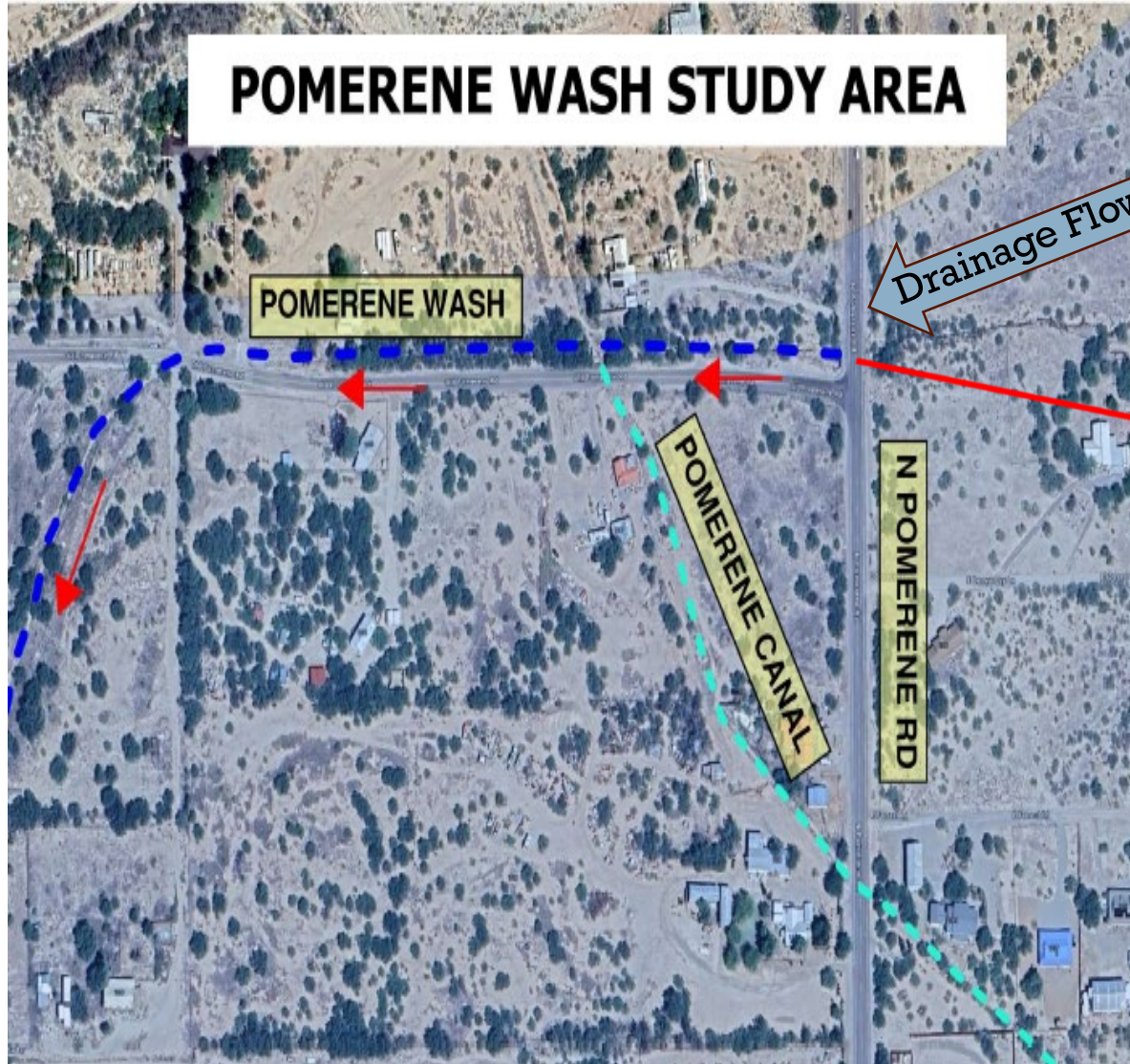
## James Ranch Road to Douglas Commercial Port of Entry



- 1.5 Miles
- Project Cost \$47M
- 3 Major Drainage
- Drainage Box Culverts \$8M



# ENGINEERING & NATURAL RESOURCES



Box Culvert Built 1968

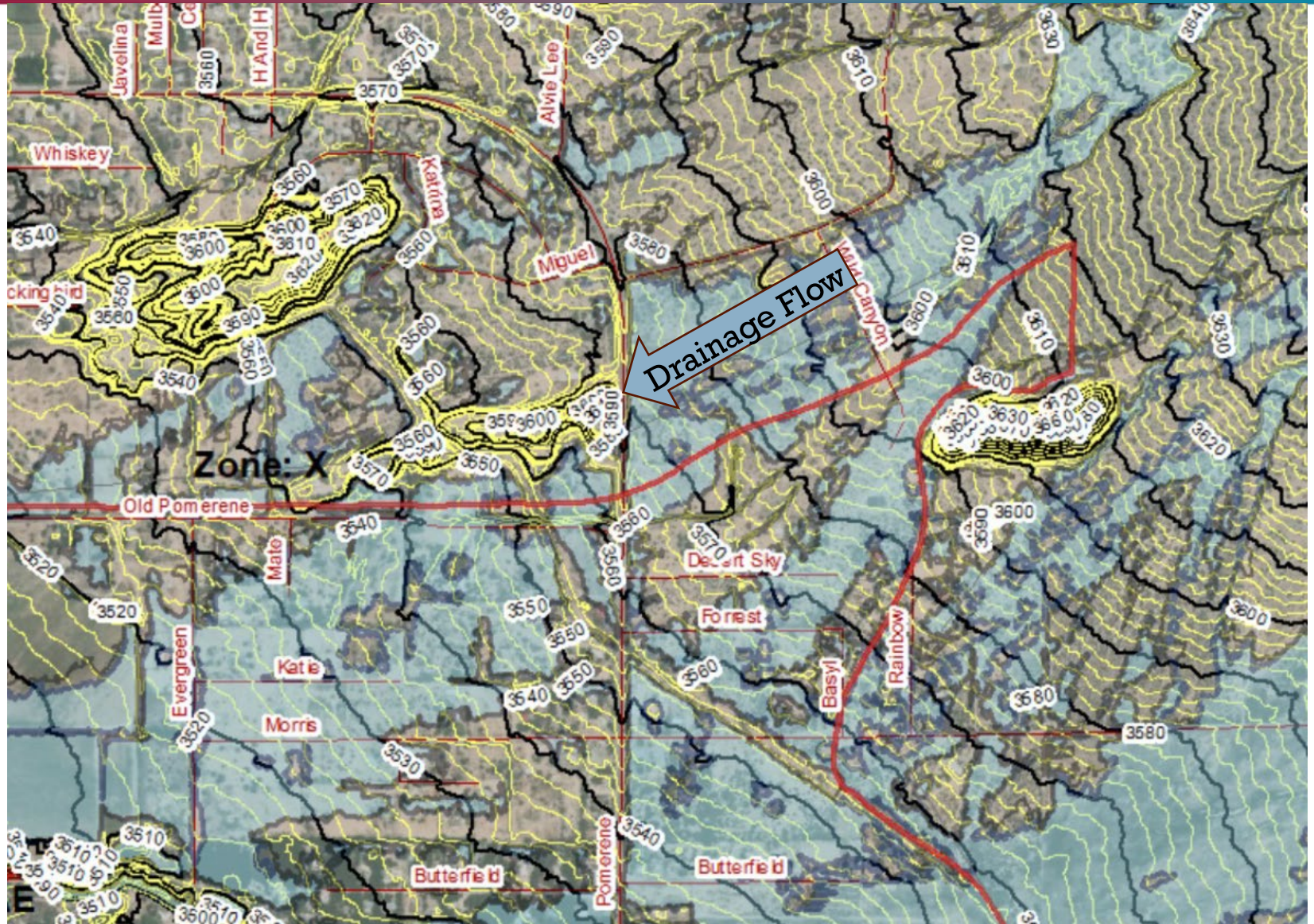


# ENGINEERING & NATURAL RESOURCES



FEMA 2003  
Flood Map

# ENGINEERING & NATURAL RESOURCES

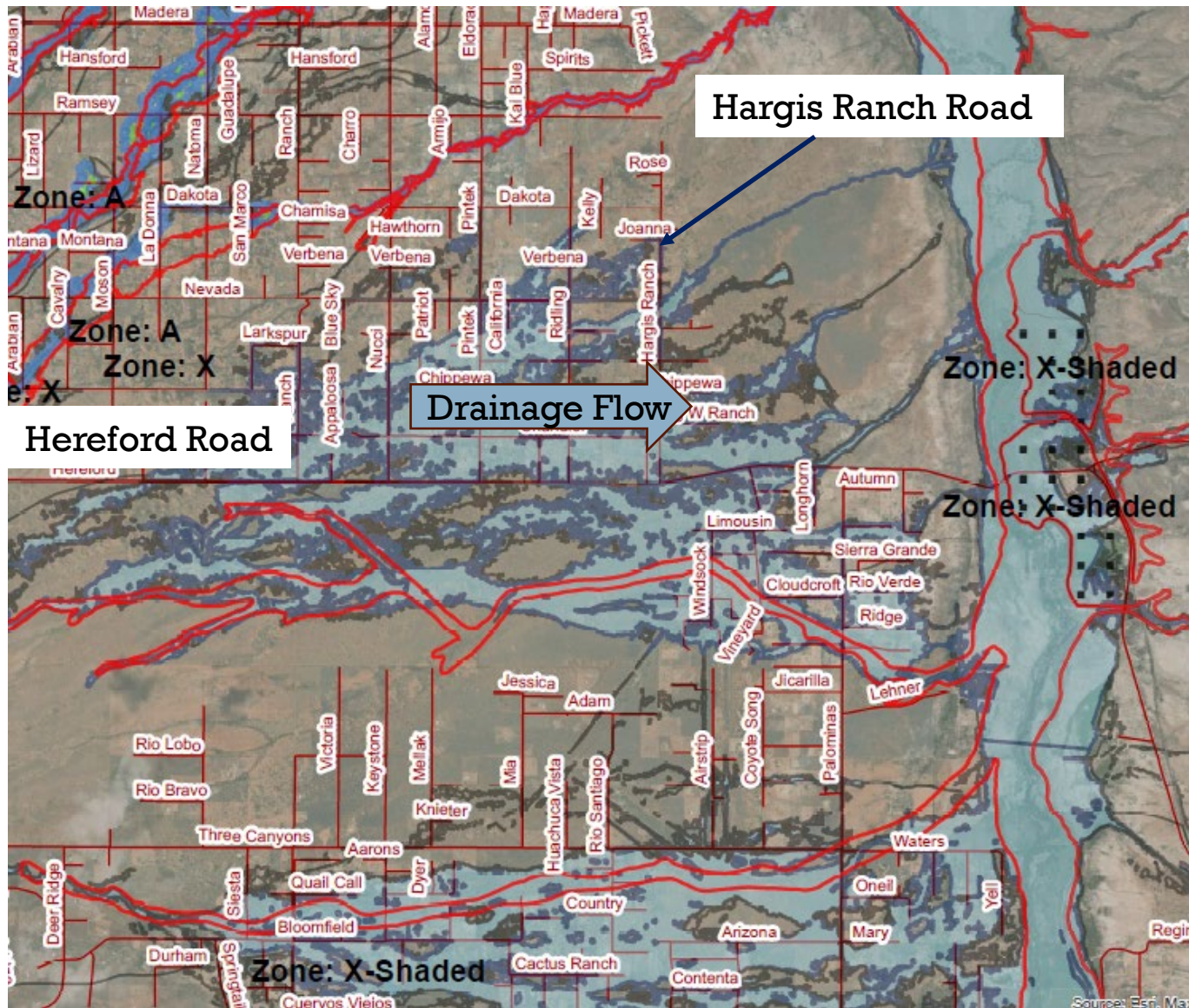


# ENGINEERING & NATURAL RESOURCES

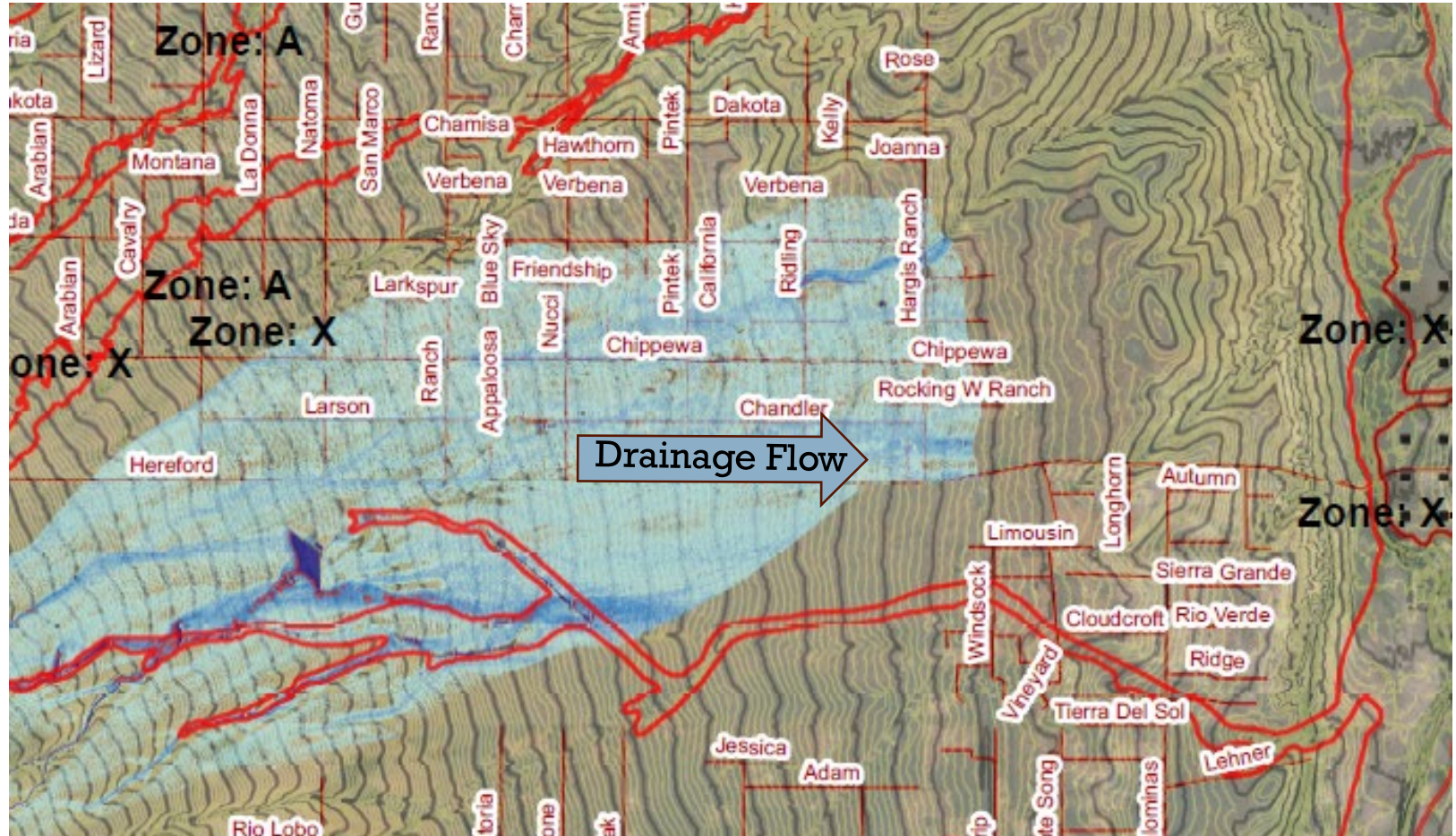
Flooding Pomerene Road



# ENGINEERING & NATURAL RESOURCES



# ENGINEERING & NATURAL RESOURCES



County hydraulic model verification of FEMA Map

## Planning for 2026

### Preservation and Restoration of the Floodplain

- Objective:
  - Watershed Health
  - Erosion Control
  - Minimize Flooding
  - Spread projects throughout Cochise County
  - Cost effective and data driven
    - Check dams, gabions, riprap, wattles
- Interagency Collaboration
  - January – February meeting
- Resident Cooperatives

## Planning continued

- Watershed Studies
    - Pomerene Road
    - Willcox Basin
    - Douglas Basin
  - Final Design
    - Bay Acres
    - Leslie Canyon Dam
  - Construction
    - Coyote Wash
    - Horseshoe Draw Outlet Repair
  - Investigate Options
    - Border Recharge
-

## Flood Risk Awareness Workshops

The Arizona Silver Jackets team, in partnership with Cochise County, is developing flood risk awareness workshops to educate residents on local hazards, preparedness measures, and available resources.



- ❖ Flood Risk Preparedness
  - ❖ Tailored to community needs
  - ❖ Family preparedness
  - ❖ Communicating flood risk
  - ❖ Rural, remote locations
- ❖ June 2026 – 3 Workshops
- ❖ Douglas / Elfrida
- ❖ Benson / St David
- ❖ Willcox / San Simon