

**COCHISE COUNTY**

# Engineering & Natural Resources

Board of Supervisors  
Work Session  
May 7, 2024



*Public Programs...Personal Service*

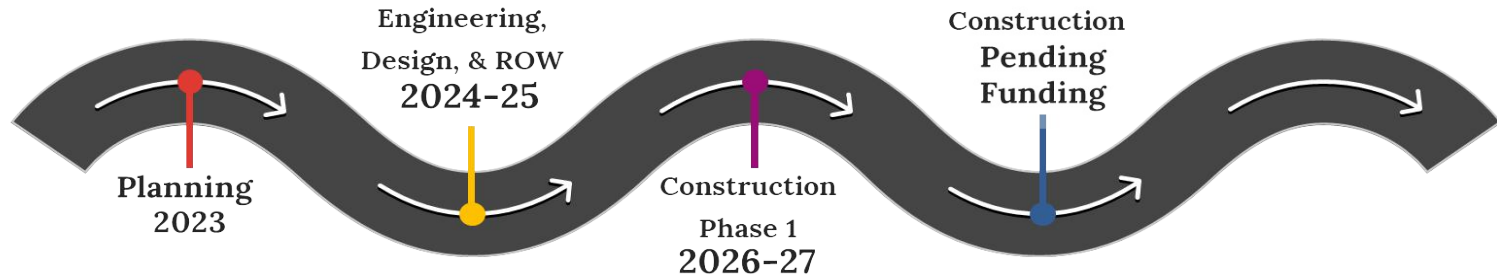
**COCHISE COUNTY**

# Engineering Division Updates



*Public Programs...Personal Service*

# Moson Road Design

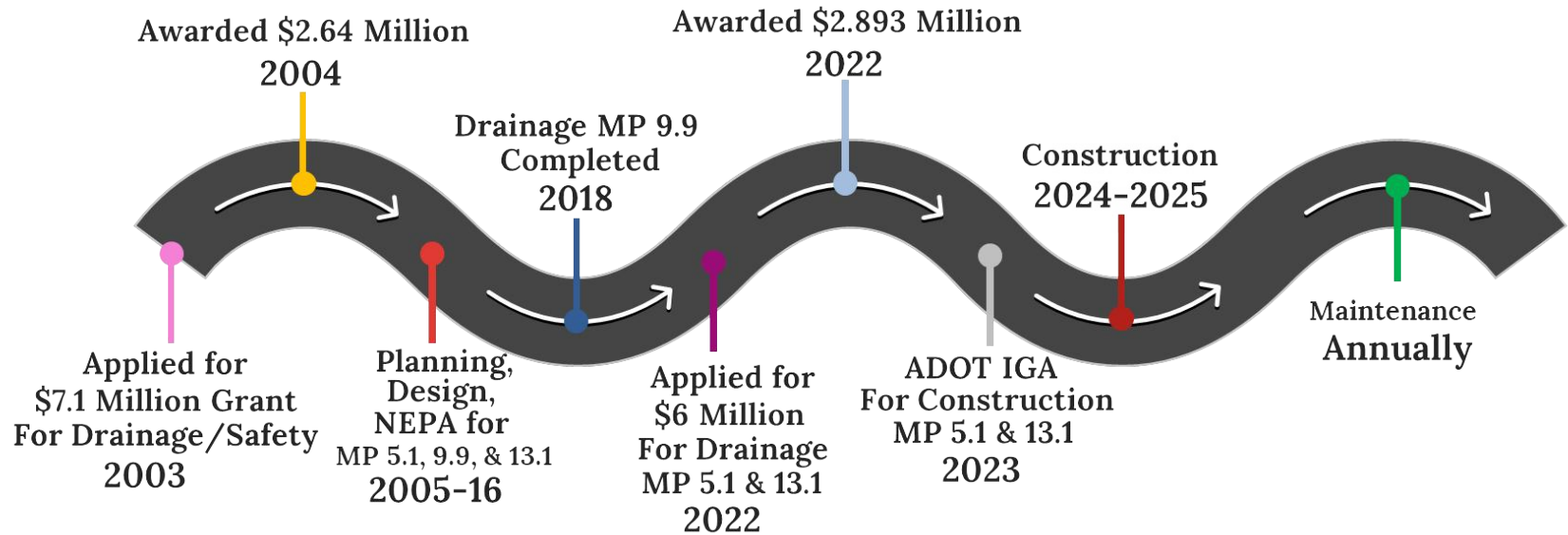


- Design \$2 Million
  - \$1 Million SVMPO for Design
  - \$6.1 Million AZ Legislative Funds for Design & Construction
- ADOT Administered
  - Kimley-Horn design consultant
  - Scope and fees negotiated by ADOT
  - Design Start fall 2024, complete December 2025
- IGA to Board in July
- \$21.1 Million Estimated Construction Costs
  - Phased Construction: Phases will be decided during design



## COCHISE COUNTY

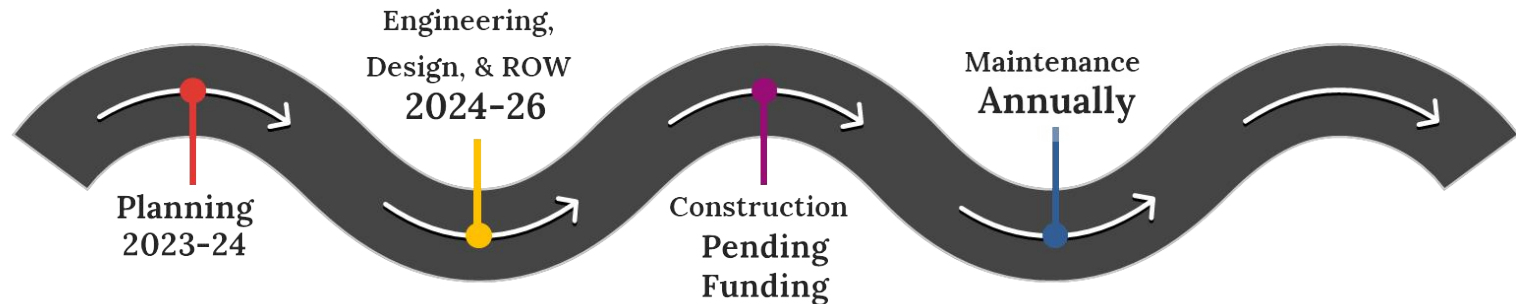
# Davis Road - Milepost 5 & 13 Drainage



- Estimated Construction Cost, \$6,500,000
  - Awarded \$2,893,000 through Senator Kelly's Discretionary Funds
  - County HURF Funds \$3,607,000
  - Update Design and NEPA Clearance
  - ADOT Oversight of Construction



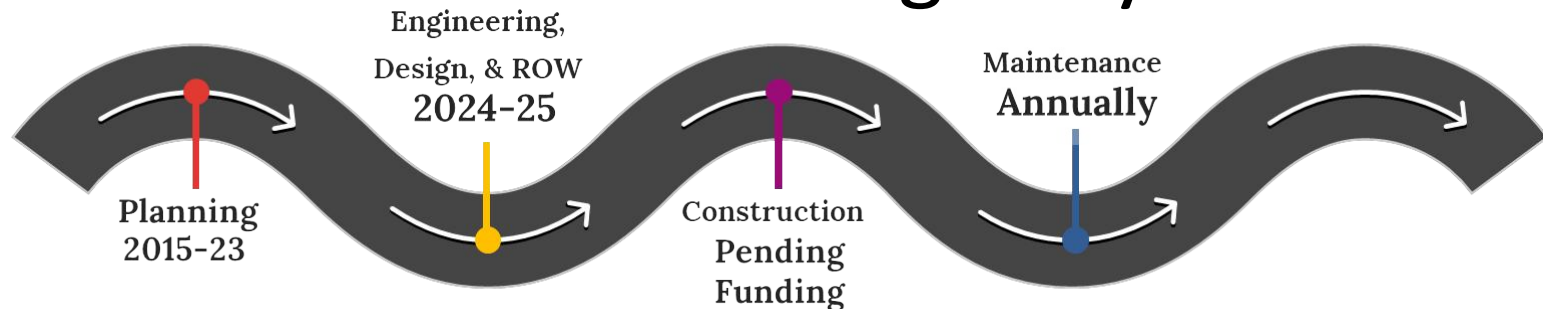
# Davis Road - SR80 to N Central Highway



- Cochise County Awarded \$2,057,500 (RAISE Grant)
  - Will fund the 30% engineering designs & NEPA Clearance for widening of Davis Road from SR80 to N Central Highway
  - Federal Highway Administrated
  - IGA this summer
  - County to contract for design
- Estimated Construction Cost, \$73 Million



# Davis Road - Central Highway to US191



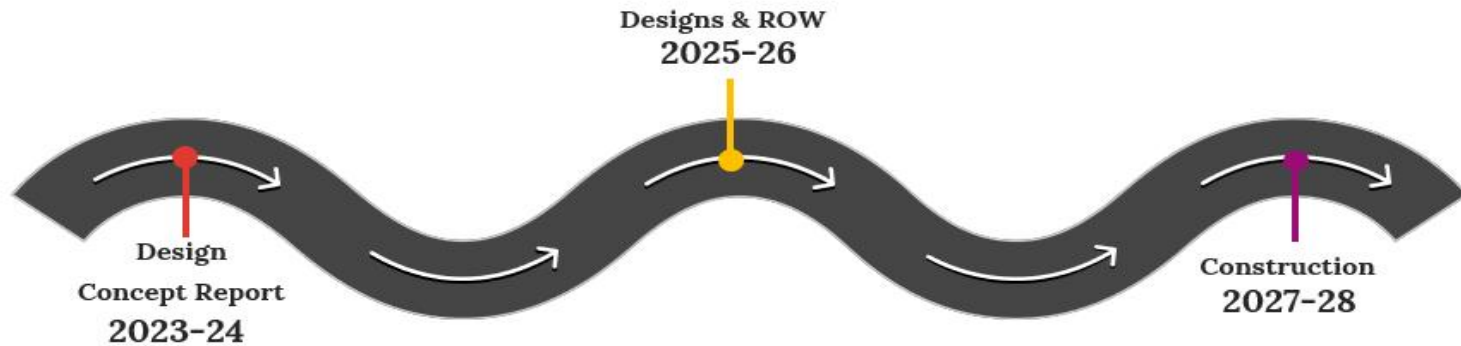
- Acquiring Right-of-Way (37.24 acres)
  - Overall, 11 properties, 3 Pending Acquisitions
  - Completing 100% Design
    - Civil Engineering and Consultants, CEC
    - \$80,000 for Design Updates
- Construction Cost \$6.5 Million
  - Applied for Construction Grant - Federal Descretionary Funds

# Davis Road Oversize Load



18' Wide x 13'6" High x 175' Long, 241,520 lbs

# Douglas - Port of Entry Connector Road



- Cochise County / Arizona Department of Transportation / City of Douglas
- Study Phase 3 Options
  - 1.5 to 2.3 miles
- Connector Road Design & Construction \$83 Million
  - Design \$5 Million
    - Awarded \$4.4 Million through AZ SMART Fund
    - County HURF \$100,000
    - Douglas \$500,000
  - Anticipated Construction \$78 Million



# County Design Projects

- 61 Bridges
  - Replacement Plan
  - Consultant to develop 20-year repair/replacement plan
- N Frontage Road Sidewalk (Sunsites)
  - Design Survey
  - Deteriorating Concrete
  - Studying Options
- Leslie Canyon Culvert Replacements
  - MP 8.6 Bid August
  - Currently a 10 Ton Weight Limit
  - Specifications and Cost Estimates to bid completed



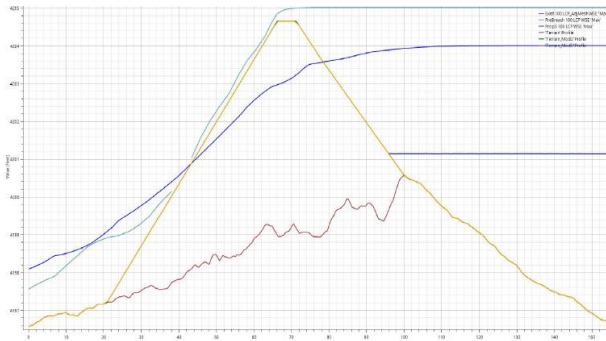
**COCHISE COUNTY**

# **Flood Control Division**

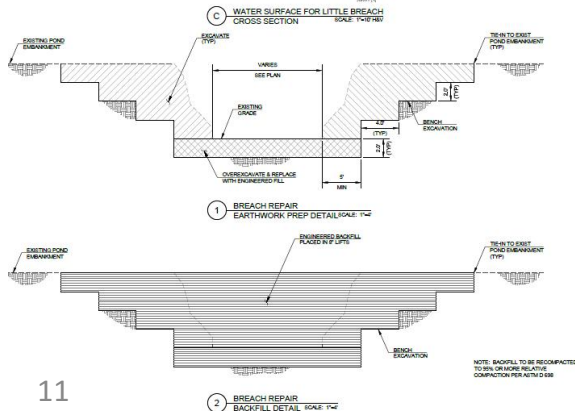


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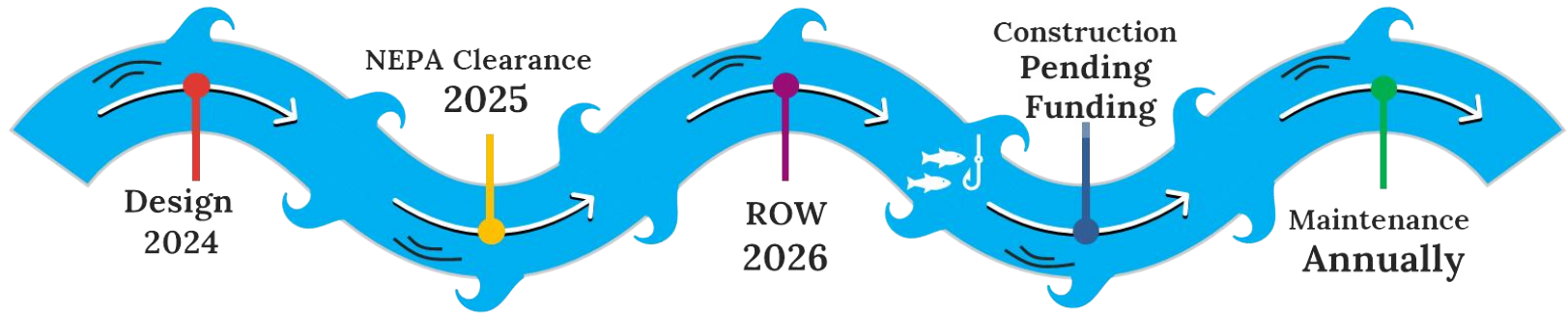
# Leslie Canyon Pond



- Design \$219,250
- ENR staff designing flow inlet/outlet structures on Vista Del Cerro and Santa Paula.
- Consultant currently analyzing outlet structures to ADWR requirement.
- Construction Estimated \$3.5 million



# Bay Acres



- Reduce flooding issues in the Bay Acres Colonia and along Washington Ave.
- Design \$261,791
  - 60% Design plans currently being reviewed.
- ROW \$1 million
- Construction \$8 million

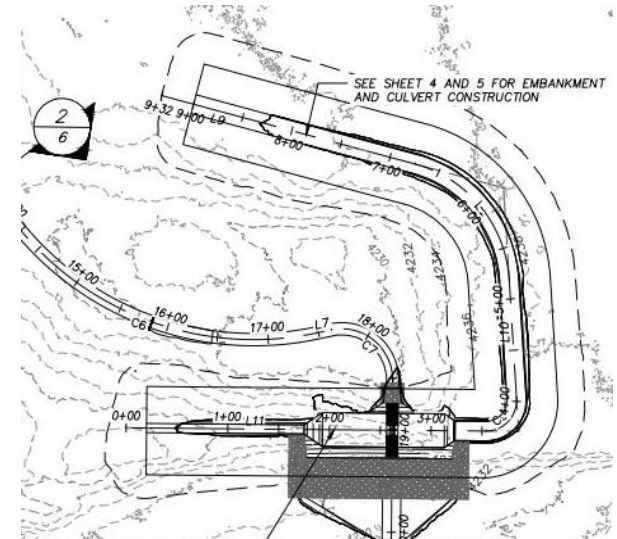


# COCHISE COUNTY

## COYOTE WASH



- Design \$330,000
  - 90% design plans being reviewed
- Estimated Construction Cost \$5,000,000
  - Received REPI Construction Grant \$1,500,000
  - FCD \$500,000
  - Applying for Grants



## COCHISE COUNTY

# Upper San Pedro Projects

- Coordinate and collaborate in the identification, prioritization and implementation of comprehensive policies and projects that assist in meeting the water needs of the Sierra Vista sub watershed.
- Riverstone
  - Phase II Site Investigation, analyzing results
  - REPI Grant \$900,000
    - City of Sierra Vista
    - Final Design & Permitting
- Horseshoe Draw
  - Design spillway repair Fall 2024
- Bisbee Effluent
  - Design Concept Report \$345,000
    - To be completed Summer 2024
  - Recharge Pond
  - Investigating property acquisition for recharge basin (ACUB Funding )



## Watershed Studies (Area Specific)

- Reduce ponding along Pomerene Rd.
  - Spring 2025
  - \$250,000
- Willcox Basin
  - Pending Building Resilient Infrastructure Communities Grant
  - \$250,000
- US Army Corps of Engineers
  - Rucker Canyon Watershed
    - PAS Study (Planning Assistance to States)
  - Palm Grove Wash
    - Alternative solutions to Bay Acres



# Department Administrative Actions

- Sulphur Spring Water Alliance (SSWA)
  - Result of scenario planning workshop September 2023
  - Douglas and Willcox Basins
  - MOU model after the USPP
- Renew Ft Huachuca County Cooperative Agreement
- Neighborhood Traffic Management Procedure
- Road Design & Construction Standards & Specifications for Public Improvements
- Increase Permit Fees (Currently Analyzing)
  - FCD
  - ROW



# Questions ?

