

**COCHISE COUNTY**

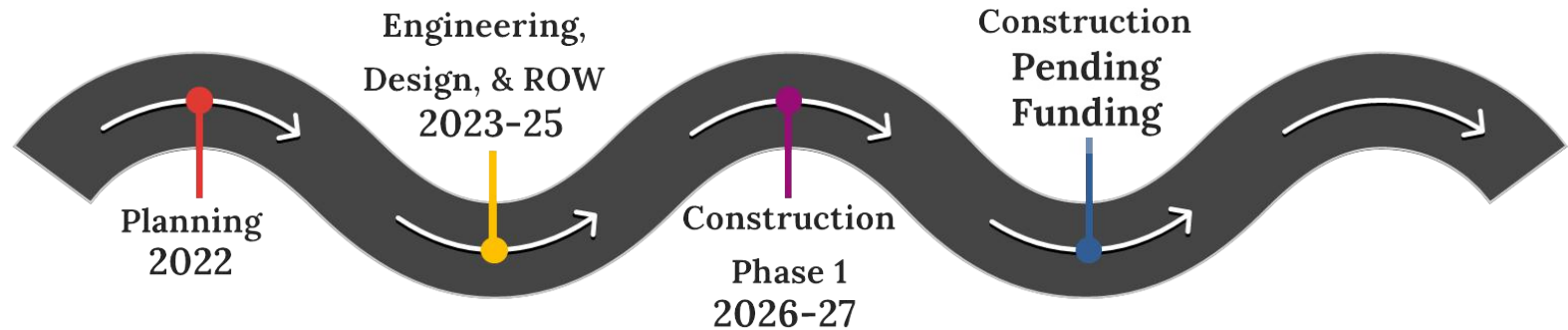
# Engineering & Natural Resources Engineering Division

Board of Supervisors  
Work Session  
August 13, 2024



*Public Programs...Personal Service*

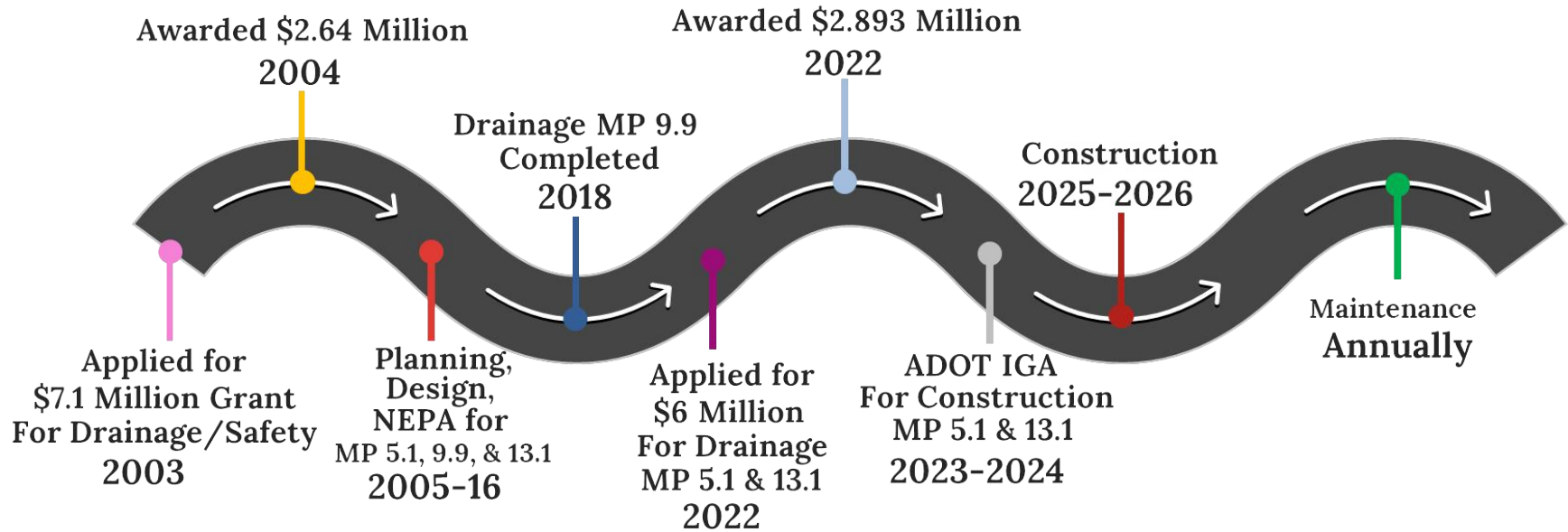
# Moson Road Design



- ADOT Administered
  - Kimley-Horn design consultant
  - Scope and fees negotiated by ADOT (\$1.8 Million)
  - Design kick-off meeting August
- \$21.1 Million Estimated Construction Costs
  - Phased Construction: Phases will be decided during design
  - \$6.1 Million AZ Legislative Funds for Design & Construction



# 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
  - Stantec Update Design and NEPA Clearance
  - ADOT Oversight of Construction



## COCHISE COUNTY

# 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 winter
  - County to contract for design
- Estimated Construction Cost, \$73 Million



# Davis Road - Central Highway to US191

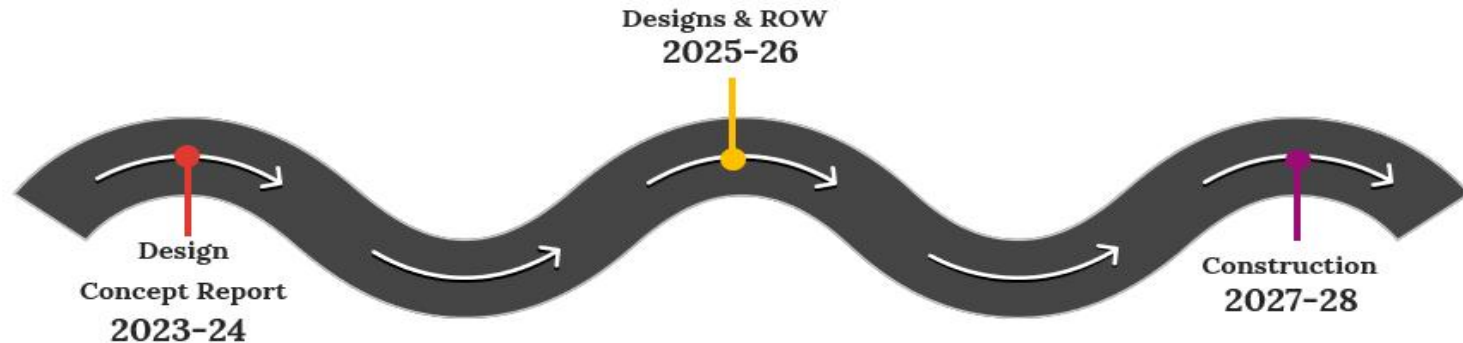


- Acquiring Right-of-Way (37.24 acres)
  - Overall, 11 properties, 3 Pending Acquisitions
  - Completing 100% Design
    - Civil Engineering and Consultants, Inc.
    - \$80,000 for Design Updates
    - Design complete December
- Construction Cost \$6.5 Million
  - Pending grants



## COCHISE COUNTY

# Douglas - Port of Entry Connector Road



- Cochise County / Arizona Department of Transportation / City of Douglas
- Study Phase, 3 Options
  - Final Scoping January 2025
- Connector Road Design, \$5 Million
  - Awarded \$4.4 Million through AZ SMART Fund
  - County HURF \$100,000
  - City of Douglas \$500,000
  - Anticipated Construction \$78 Million
    - County Grants
    - ADOT Grants



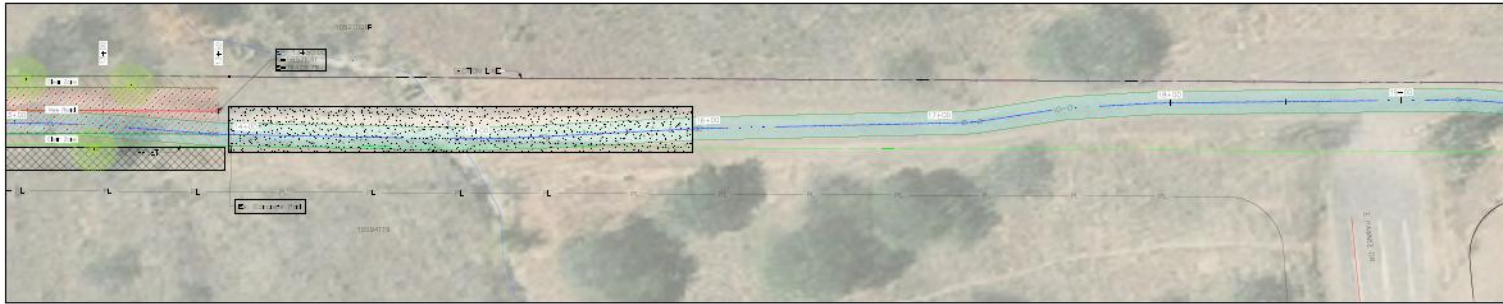
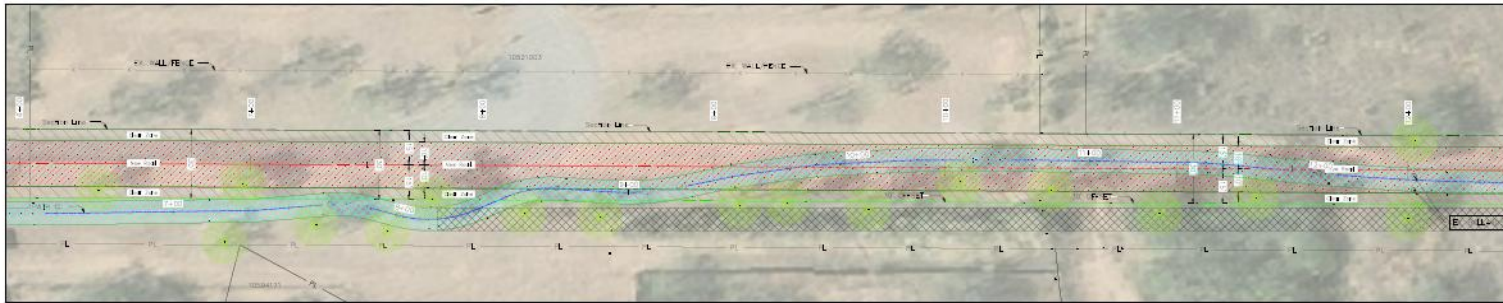
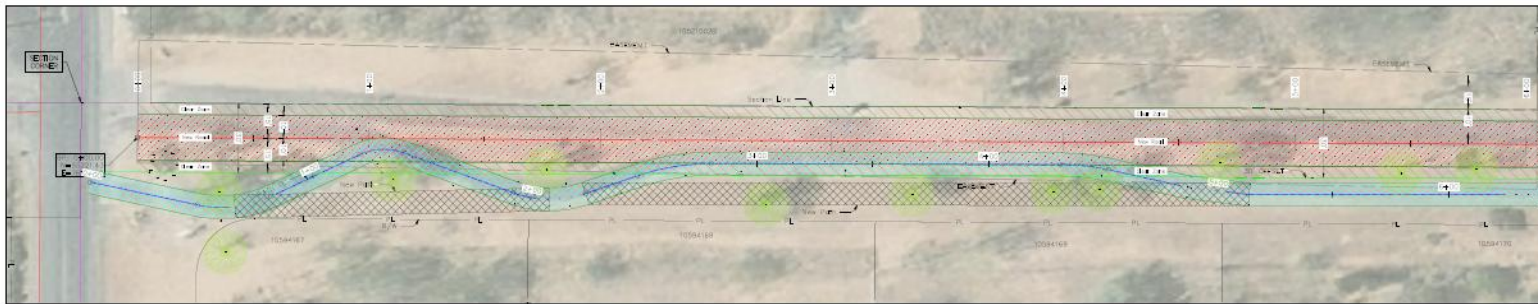
# Ramsey Canyon Road Multi-Use Path

- SVMPO Scoping Project
- Wilson & Company, Design Consultant
  - \$44,459
- Public outreach event June 21st
- Mailers sent out to residents July 29th
  - Postcard with QR code for residents to comment
- Design Concept Report (DCR) January 2025



# COCHISE COUNTY

# Stafford Lane Multi-Use Path (Conceptual)



REV.	DATE	BY	DESCRIPTION

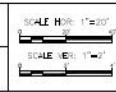
DESIGNED BY	NA
DRAWN BY	A. REYES
CHECKED BY	B. SIMMONS
APPROVED BY	NA
DATE	07/2024

DESIGN PART



**COCHISE COUNTY**  
ENGINEERING AND NATURAL  
RESOURCES

PROJECT TITLE	STAFFORD LN
SHEET TITLE	DETAIL SHEET



VERIFY SCALES  
BAR IS ONE INCH ON  
ORIGINAL DRAWING  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY

SHEET	1
OF	1



**COCHISE COUNTY**

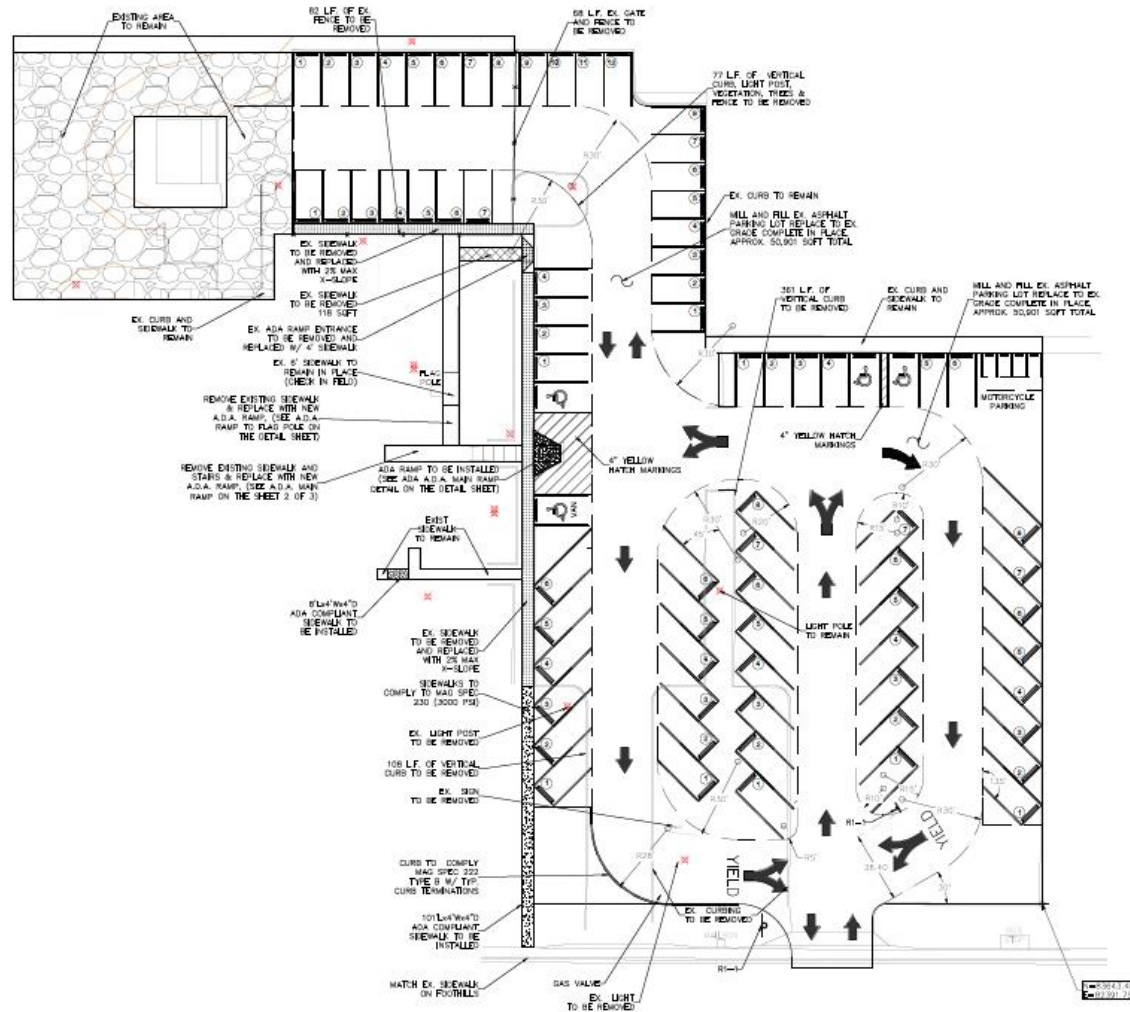
# Stafford Lane Path



*Public Programs...Personal Service*



# Foothills Parking Lot



## COCHISE COUNTY

# County Maintained Roads

To add new road miles, need to drop existing maintained road miles.

## Add

- Daily Traffic
- Access to Public Lands
- Dedicated right-of-way
- Contiguous to a maintained public road
- Same road district as the one being dropped
- Free of hazardous encroachments
- Constructed before June 13, 1990
- Drainage

## Drop

- Daily Traffic
- Maintenance Cost
- Encroachments
- Utility conflicts
- No public Right-of-Way



## COCHISE COUNTY

# County Design Projects

- Bridges
  - Consultant to develop 20-year repair/replacement plan
- Rucker Canyon Road Bridge
  - Off-system bridge grant for scoping
    - \$135,000 ADOT grant
- N Frontage Road Sidewalk (Sunsites)
  - Design Survey
  - Studying Options
- Leslie Canyon Culvert Replacements
  - Additional Right-of-Way or Construction/Drainage easement
- Bell Ranch and Shelton Roads
  - Proposed Agreement with Riverview
    - Riverview to place 18" subgrade and base course
    - County to chip seal



# Right-of-Way

- Land – ROW Exchange San Simon
  - W 1<sup>st</sup> Street & N Paradise Street



# Department Actions

- Update Neighborhood Traffic Management Program
- Title VI, Public Participation Plan
- ROW Permits
  - Update forms
  - Increase Permit Fees (Currently Analyzing)
    - Fine for Contractors Working Without a Permit



COCHISE COUNTY

# Davis Road Oversize Load



**COCHISE COUNTY**

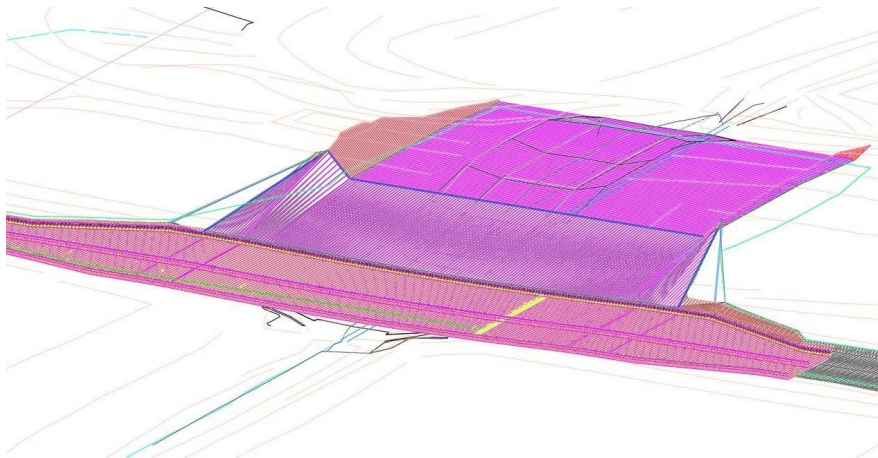
# Engineering & Natural Resources Flood Control District

Board of Supervisors  
Work Session  
August 13, 2024



*Public Programs...Personal Service*

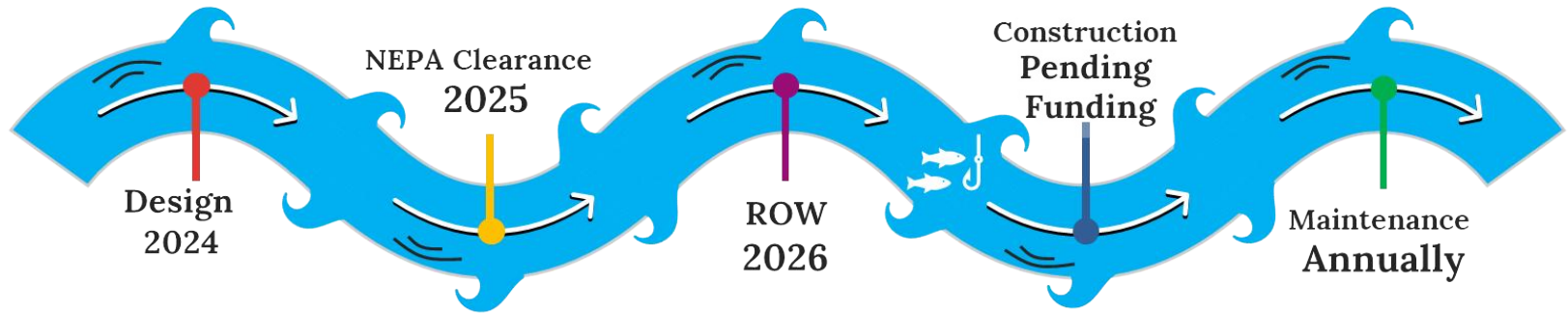
# Leslie Canyon Pond



- Design \$219,250
- ENR designing road crossings for inlet/outlet structures on Vista Del Cerro and Santa Paula.
- Construction Estimated \$3.5 million



# Bay Acres



- Reduce flooding issues in the Bay Acres Colonia and along Washington Ave.
- Design \$261,791
  - 90% Design plans currently being developed.
- ROW \$1 million
- Construction \$10 million

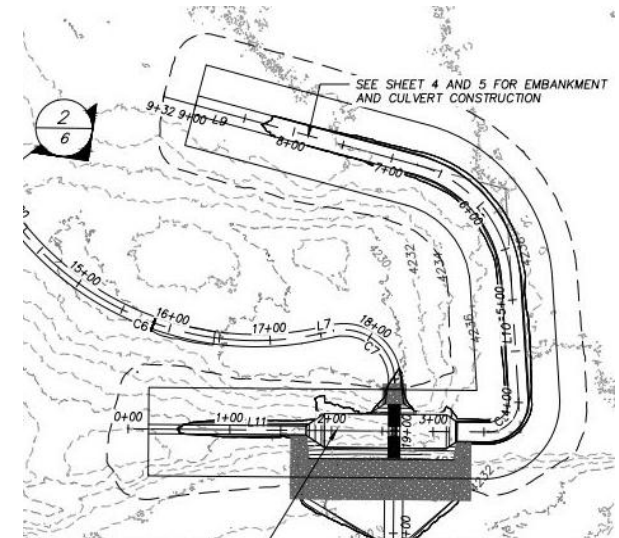


# COCHISE COUNTY

## COYOTE WASH



- Design \$330,000
  - 90% design plans being reviewed
- Estimated Construction Cost \$6,500,000
  - Awarded Readiness and Environmental Protection Integration (REPI) Construction Grant \$1,500,000
  - FCD \$500,000
  - Water Infrastructure Finance Authority (WIFA ) Arizona grant \$3,000,000
  - Keep applying for grants



## COCHISE COUNTY

# Upper San Pedro Projects

- Riverstone
  - Phase II Site Investigation, analyzing results
  - REPI Grant \$900,000
    - City of Sierra Vista
    - Final Design & Permitting
    - Wet – Dry Mapping of Carr Canyon Wash
- Horseshoe Draw
  - Design spillway repair Winter 2024
- Bisbee Effluent
  - Design Concept Report \$345,000 completed, 30% Design
  - Working on long term Bisbee Effluent agreement
  - Investigating with The Nature Conservancy (TNC) property acquisition for recharge basin (Army Compatible Use Buffer 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)



# COCHISE COUNTY

## ENR Participation in Willcox STEAM Day

- Survey
  - Drone exhibition
  - Mobile scanner
- Field technical services
  - Utility equipment demonstration
  - Making street signs
- Flood Control District
  - Rolling river
  - Flood maps
  - Function of wells
- Engineering
  - Physics of horizontal curve
  - Traffic counts



# Department Actions

- Sulphur Spring Water Alliance (SSWA)
  - Result of scenario planning workshop September 2023
  - Douglas and Willcox Basins
  - MOU with City of Douglas, Willcox, businesses and residents
- Ft Huachuca Sentinel Landscape Documentary
  - Partnerships to Advance Climate Resilience and Military Readiness
- Cochise Conservation and Recharge Network
  - 2023 Annual Report
- Increase Permit and Review Fees (Currently Analyzing)



# Questions ?

