COCHISE COUNTY

Engineering & Natural Resources

Engineering Division

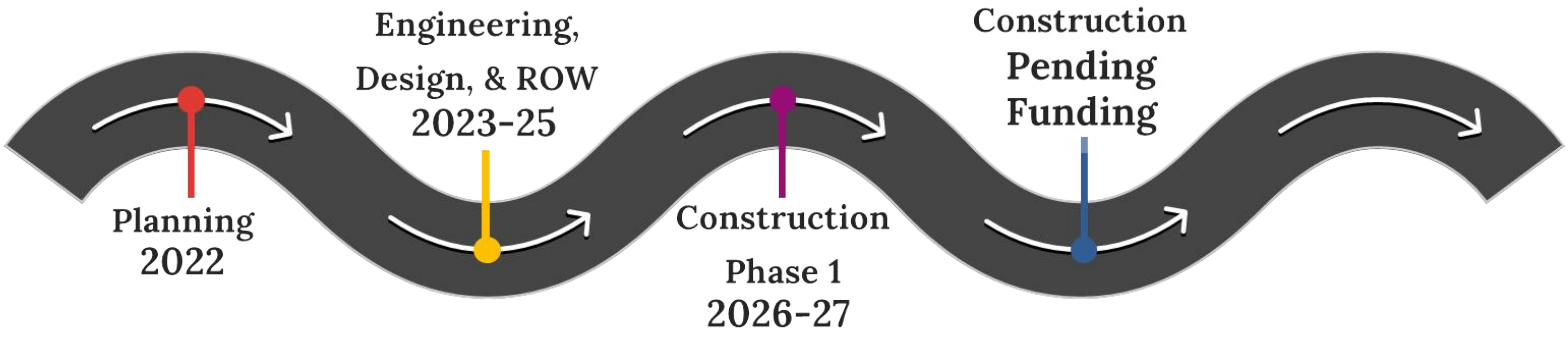
Board of Supervisors

Work Session

August 13, 2024

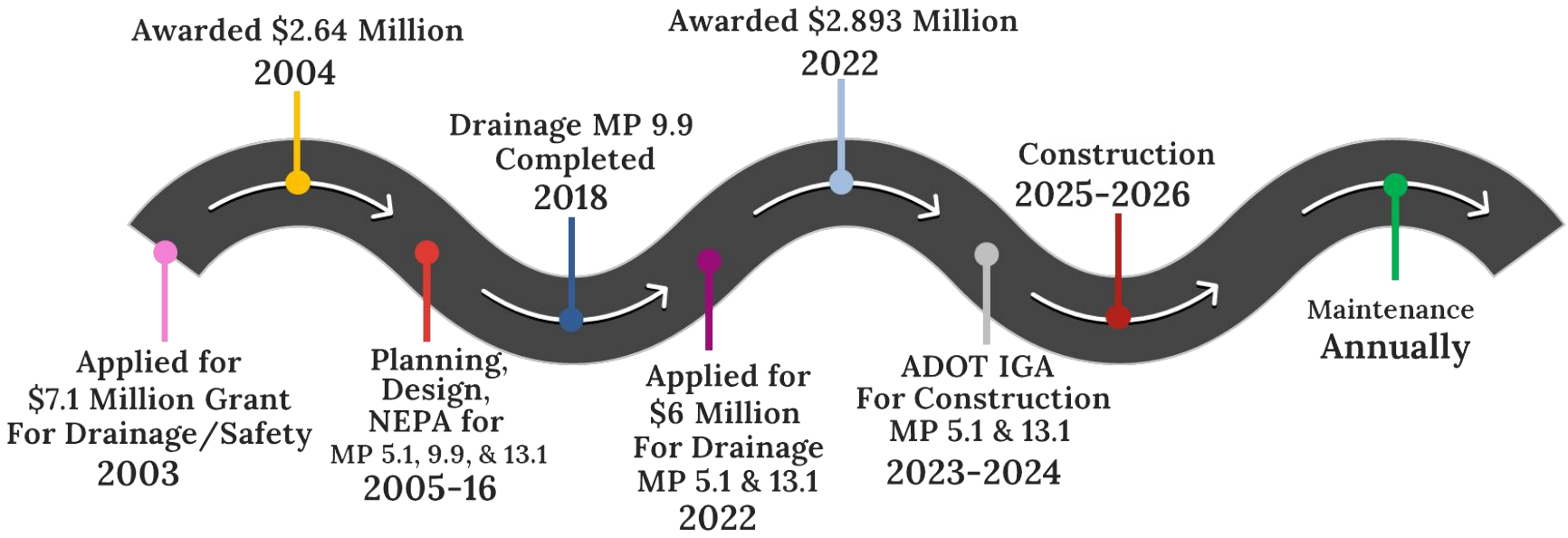
Public Programs…Personal Service

Moson Road Design



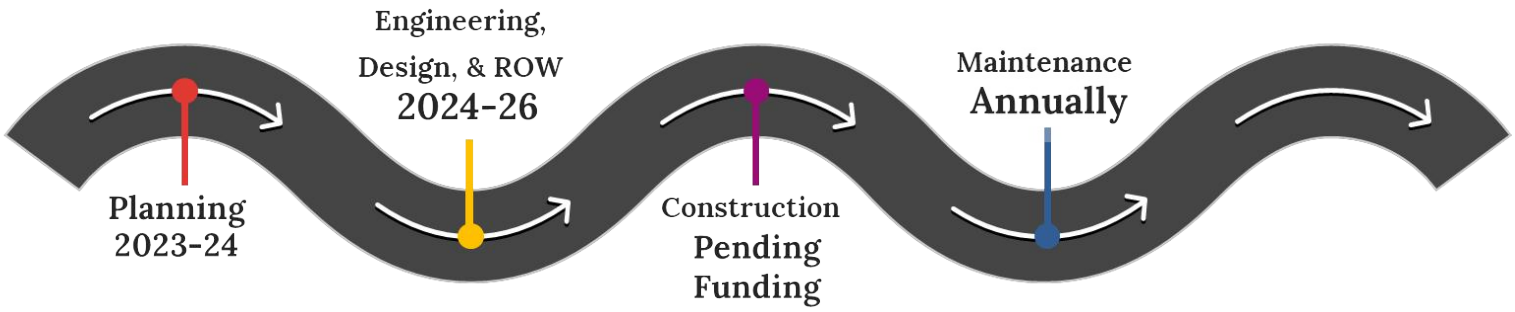
- ADOT Administered
  - Kimley-Horn design consultant
  - Scope and fees negotiated by ADOT ($1.8 Million)
  - Design kick-off meeting August
- $21.1 Million Estimated Construction Costs
  - Phased Construction: Phases will be decided during design
  - $6.1 Million AZ Legislative Funds for Design & Construction

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

Davis Road - SR80 to N Central Highway

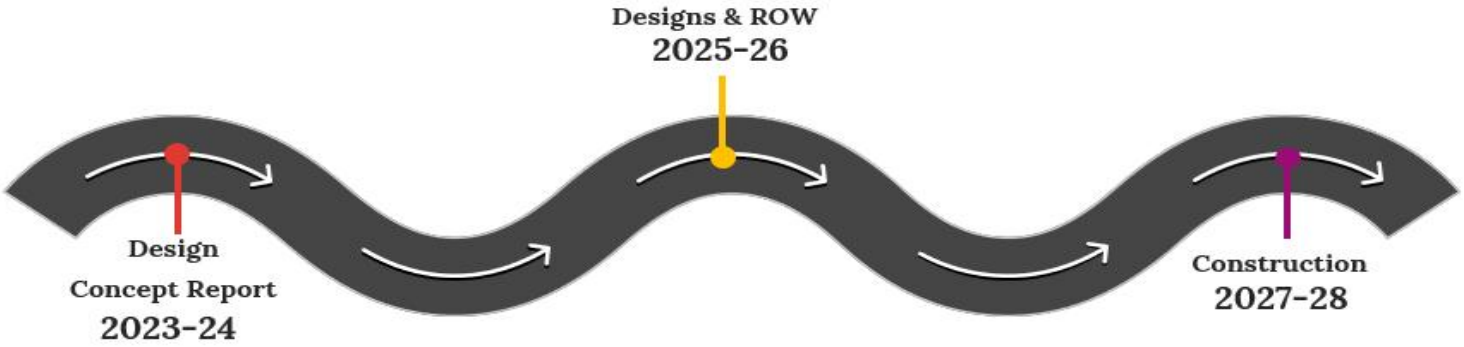


- Cochise County Awarded $2,057,500 (RAISE Grant)
  - Will fund the 30% engineering designs & NEPA Clearance for widening of Davis Road from SR80 to N Central Highway
  - Federal Highway Administrated
  - IGA this winter
  - County to contract for design
- Estimated Construction Cost, $73 Million

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

Douglas - Port of Entry Connector Road

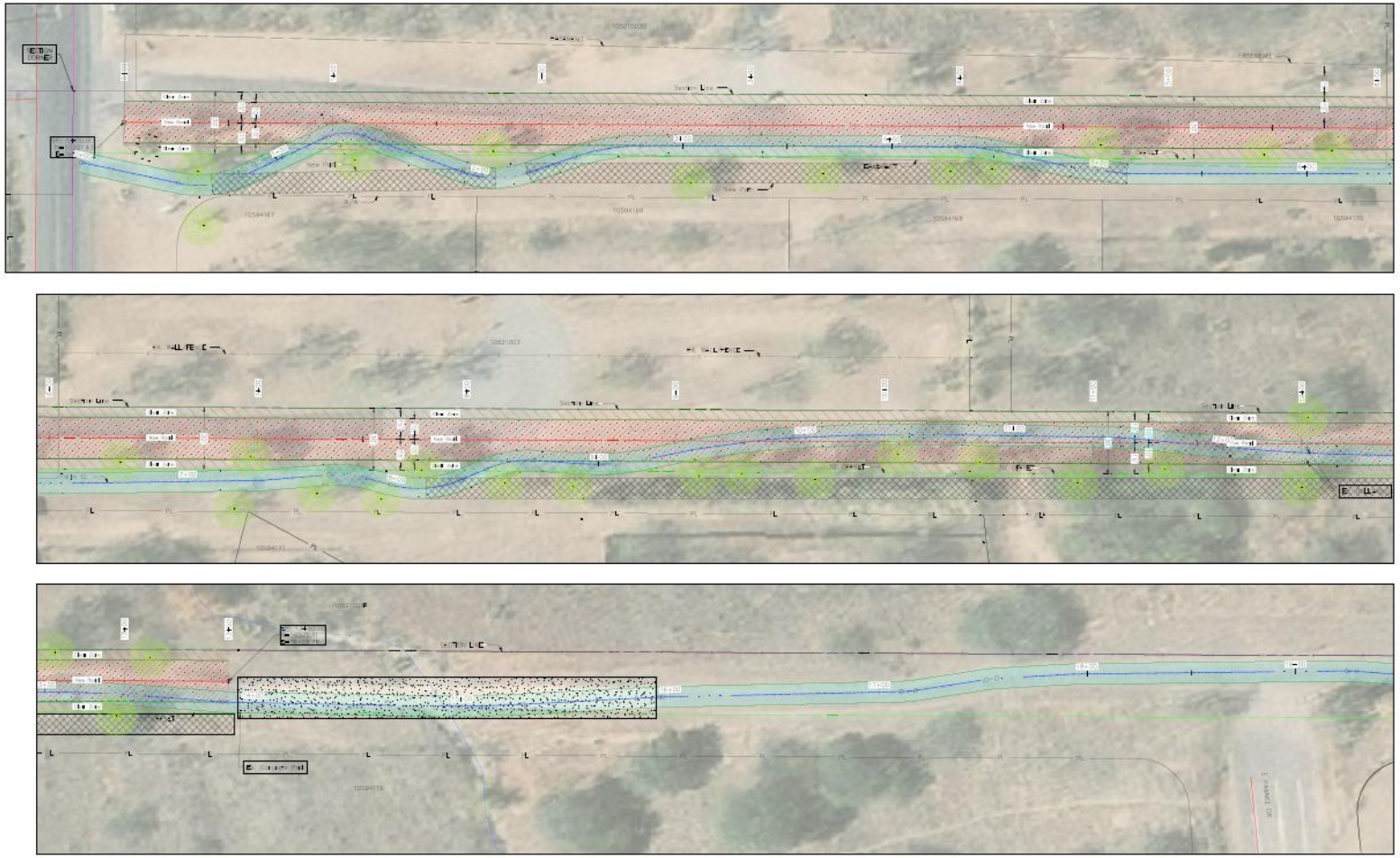


- Cochise County / Arizona Department of Transportation / City of Douglas
- Study Phase, 3 Options
  - Final Scoping January 2025
- Connector Road Design, $5 Million
  - Awarded $4.4 Million through AZ SMART Fund
  - County HURF $100,000
  - City of Douglas $500,000
  - Anticipated Construction $78 Million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

Stafford Lane Multi-Use Path (Conceptual)



REV.	DATE	BY	DESCRIPTION

DESIGN BY:	N.A
DRAWN BY:	A. REYES
DESIGNED BY:	B. SIMMONS
APPROVED BY:	N.A
DATE:	07/2024

DESIGN / DRAFT

COCHISE COUNTY
ENGINEERING AND NATURAL RESOURCES

PROJECT TITLE: STAFFORD LN

SHEET TITLE: DETAIL SHEET

SCALE HOR: 1"=20'

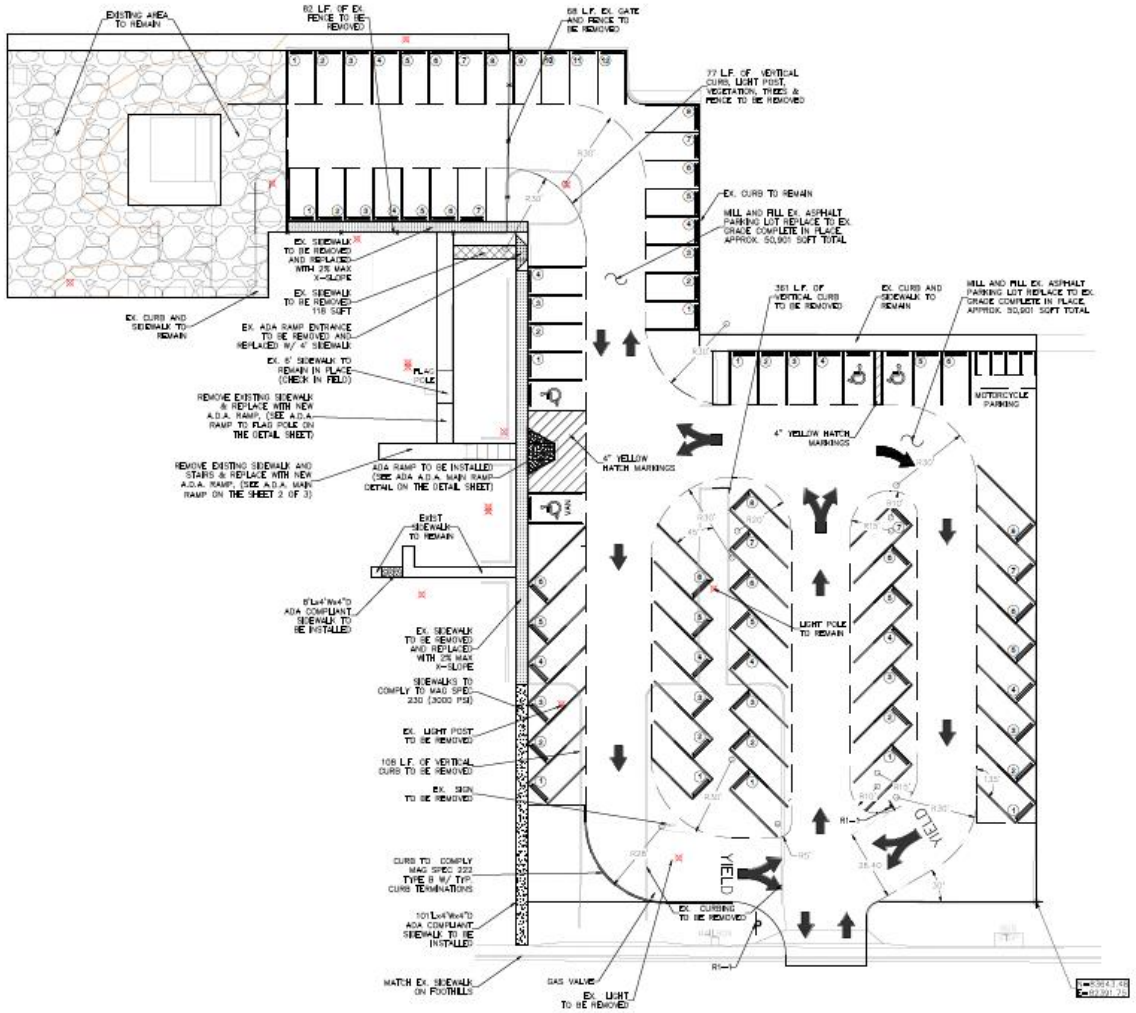
SCALE VER: 1"=4'

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

SHEET 1 OF 1

Stafford Lane Path

Foothills Parking Lot



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

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 1st 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

Davis Road Oversize Load

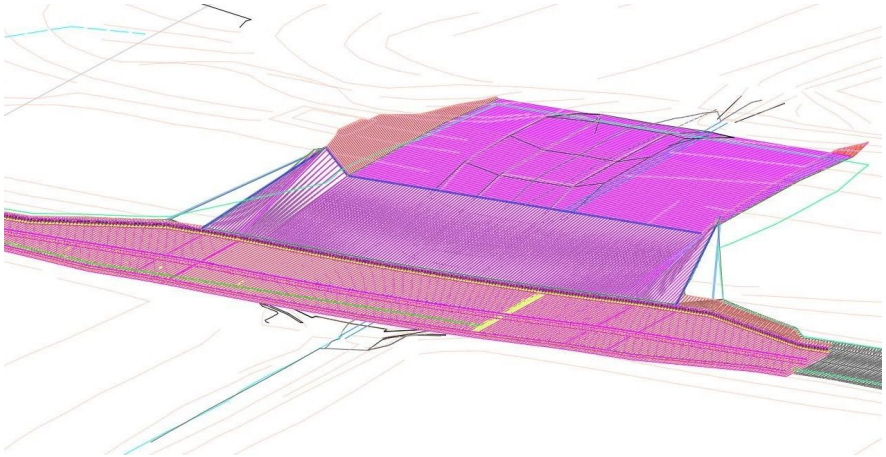
COCHISE COUNTY

Engineering & Natural Resources
Flood Control District

Board of Supervisors
Work Session
August 13, 2024

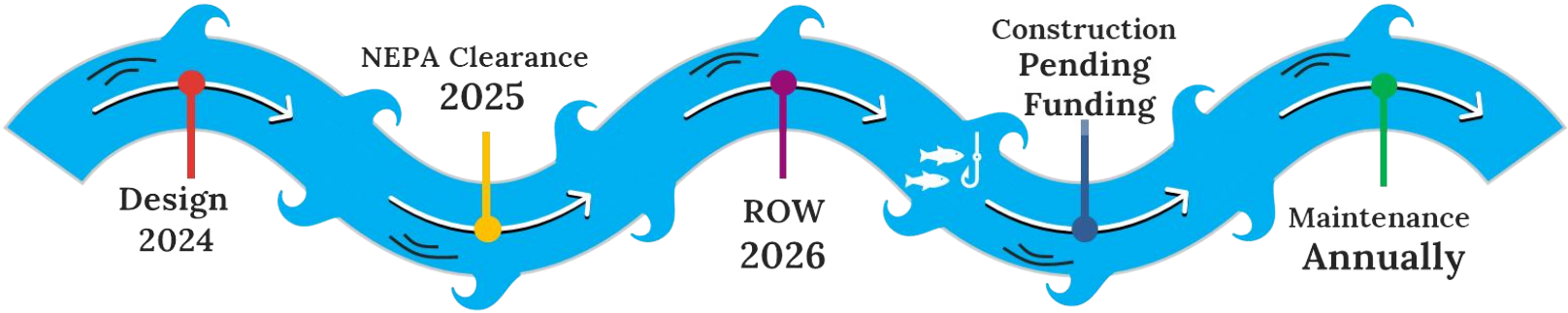
Public Programs…Personal Service

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

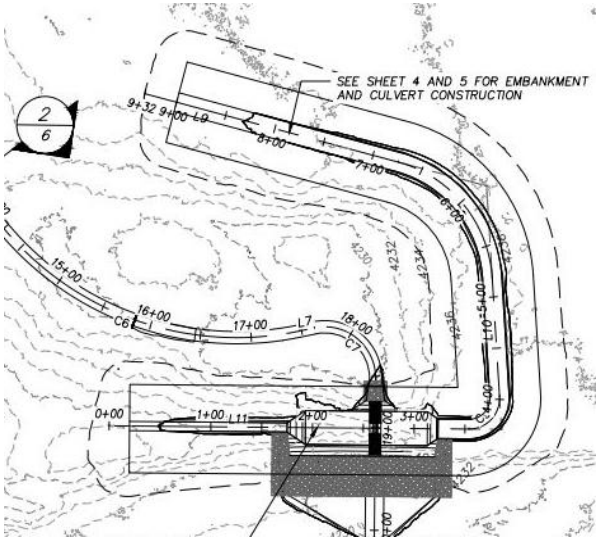
Bay Acres



- 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

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



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)

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 ?