

COCHISE COUNTY

Engineering & Natural Resources

Board of Supervisors
Work Session
November 14, 2023



Public Programs...Personal Service

COCHISE COUNTY

Engineering Division Updates



Public Programs...Personal Service

COCHISE COUNTY

Moson Road Design

- Projected Cost ≈ \$22.46 Million
 - \$1 Million SVMPO -> Design
 - \$6.1 Million State Appropriated Funds
 - > Design & Construction
- ADOT Administered
 - Design and construction
- County responsibilities
 - Right-of-way Acquisition
 - Post NEPA Clearance
 - Inspections
 - Cost Control



COCHISE COUNTY

Davis Road



COCHISE COUNTY

Davis Road

- Projected Cost ≈ \$37.17 Million
 - RAISE Grant awarded \$2,057,500 (Central Hwy to US80)
 - Kickoff meeting with Federal Highways October 30
 - Davis Road Milepost 5 & 13 awarded \$2,893,000 through Senator Kelly's Discretionary Funds
- ADOT Administered
 - Design and construction
- County Responsibility
 - Central Hwy to US191
 - Acquiring Right-of-Way
 - Completing 100% Design (Currently at 95% Design)
 - Inspections
 - Cost Control
 - Apply for Construction Grants



Davis Road

Corridor for Oversize Loads



15' 7" wide, 17' 5" high and 130' long

Policy & Procedures

- Updating Neighborhood Traffic Management Procedure (Resolution 03-71; 2003)
- Consultant is updating Road Design & Construction Standards & Specifications for Public Improvements



Survey

- Horseshoe Draw Sediment review
- Cross-Origin Resource Sharing (CORS) Station GPS Verification
- County Melody Lane Complex Americans with Disabilities Act (ADA) review



COCHISE COUNTY

Flood Control Division



Public Programs...Personal Service

Flood Control Division

- Citizen Concerns
- Commercial Reviews
- Floodplain Regulation Updates
- Project Updates



Floodplain Regulations

- FCD Regulations Updates
 - November 14th, 2023
- Community Rating System (CRS)
 - Continue 5-yr cycle detailed CRS Reporting
- Municipal Separate Storm Sewer System
 - Public Education

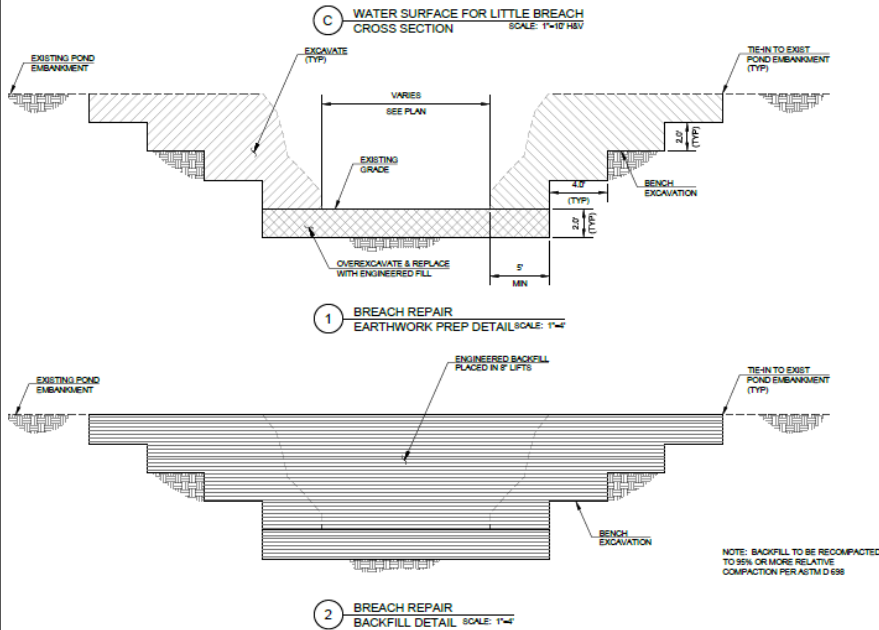
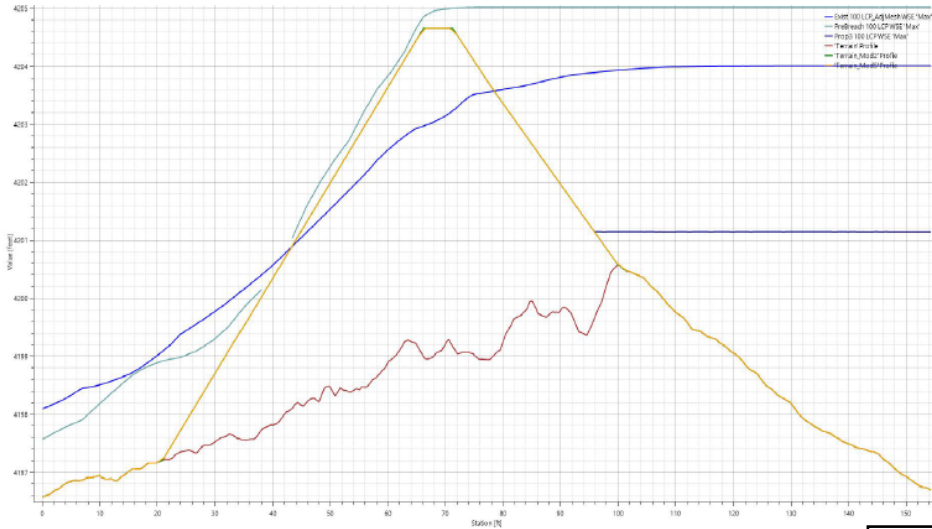


Project Updates

- Revised FEMA Mapping, Final 2026
 - Bisbee (Preliminary Map)
 - St David (Preliminary Map)
 - Benson
 - Huachuca City
 - Sierra Vista
 - Hereford
- Watershed Studies
 - Willcox Basin \$250,000 (Pending BRIC Grant)
 - Corps of Engineers (Request submitted)
 - Rucker Canyon Watershed Study
 - St. David Alluvial Fan Flooding, West of San Pedro



COCHISE COUNTY Leslie Canyon Pond



Design Consultant \$219,250

- Hydrologic modeling (Flow quantities) determined
- Hydraulic modeling (water elevations) determined
- Breach repair design concept completed (southwest breach shown) and submitted to AZ Dept. of Water Resources for review



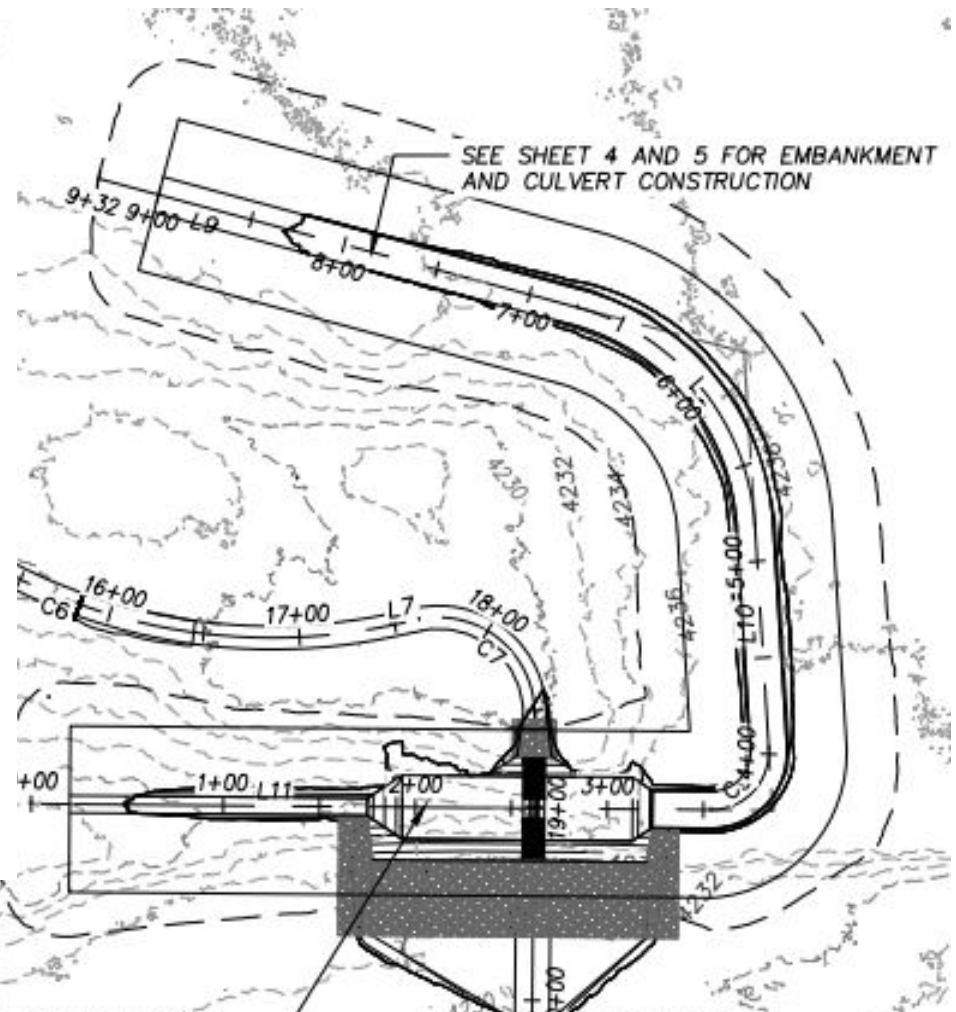
Bay Acres

- **Design Consultant \$261,791**
- **Hydrologic analysis (44%)**
- **Hydraulic analysis (51%)**
- **Design (57%)**



Design Consultant \$330,000

- Hydraulic modeling of detention basin completed
- Comments on Design Concept and hydraulic modeling given back for revision
- NEPA Clearance ongoing
- REPI Construction Grant \$1,500,000
 - Applying for additional grants



COCHISE COUNTY

Upper San Pedro Projects

- Riverstone
 - Phase II Site Investigation Complete
 - REPI Grant \$900,000
 - Final Design & Permitting
- Horseshoe Draw
 - Armor around outlet pipes (Completed)
 - Inlet Repairs (Completed)
 - Design outlet fix
- Bisbee Effluent
 - Design Concept Report \$345,000
 - To be completed this fall
 - Meeting with Border Patrol and BLM



Horseshoe Draw Inlet

Questions ?

