

COCHISE COUNTY

Engineering & Natural Resources Department Engineering Division

Board of Supervisors
Work Session
February 20, 2025



Public Programs...Personal Service

Department Services 2024

- ROW Permits & Inspections

- Updated forms
- 14 Special Events – Tour De Zona, Bisbee Coaster Races, Rising Sun Fun Run, etc.
- 400 Permits
- Major On-Going Utility Projects
 - SunZia
 - Valley TeleCom
 - ALLO Fiber

- Signing

- 568 Bluestakes
- 1,510 Sign Faces

- Development Reviews

- Commercial
- Special Use



A screenshot of the 'Engineering & Transportation' page on the Cochise County website. The page has a breadcrumb trail: 'Home > Departments > Engineering & Natural Resources > Engineering & Transportation'. The main heading is 'Engineering & Transportation' in blue. Below it, a sub-heading reads 'Field Technical Services performs a variety of specialized functions:'. There are two columns of bullet points. The left column lists: 'Reconnaissance and soils testing for road projects, staking utilities and other important preparation of sites for construction', 'Placement of street signs on all roads in Cochise County in accordance with the 911 program', and 'Placement of all other signage and striping on county-maintained roads'. The right column lists: 'Reconnaissance and soils testing for road projects, staking utilities and other important preparation of sites for construction', 'Placement of street signs on all roads in Cochise County in accordance with the 911 program', and 'Placement of all other signage and striping on county-maintained roads'. At the bottom of the page, there are three tabs: 'Traffic Engineering' (highlighted in red), 'Traffic Signing', and 'Signage'. Below the tabs is the heading 'Long-Range Transportation Plan'.

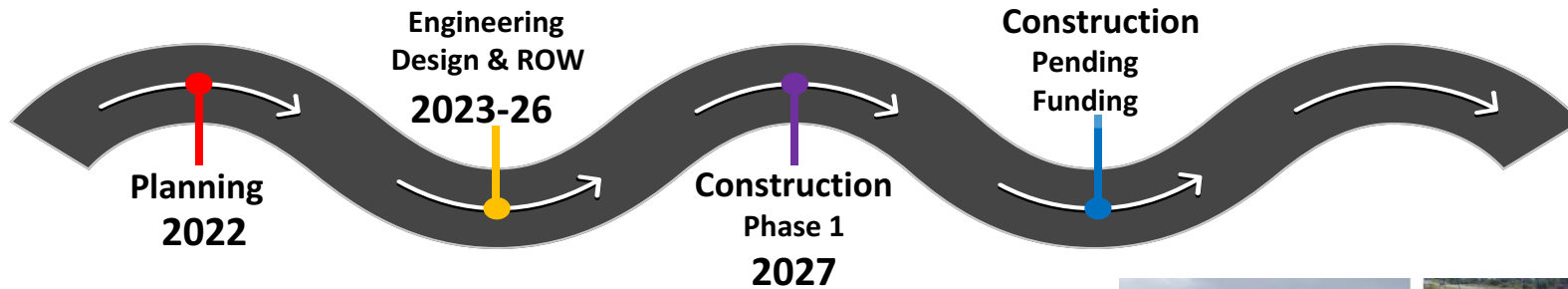


COCHISE COUNTY

Department
Projects



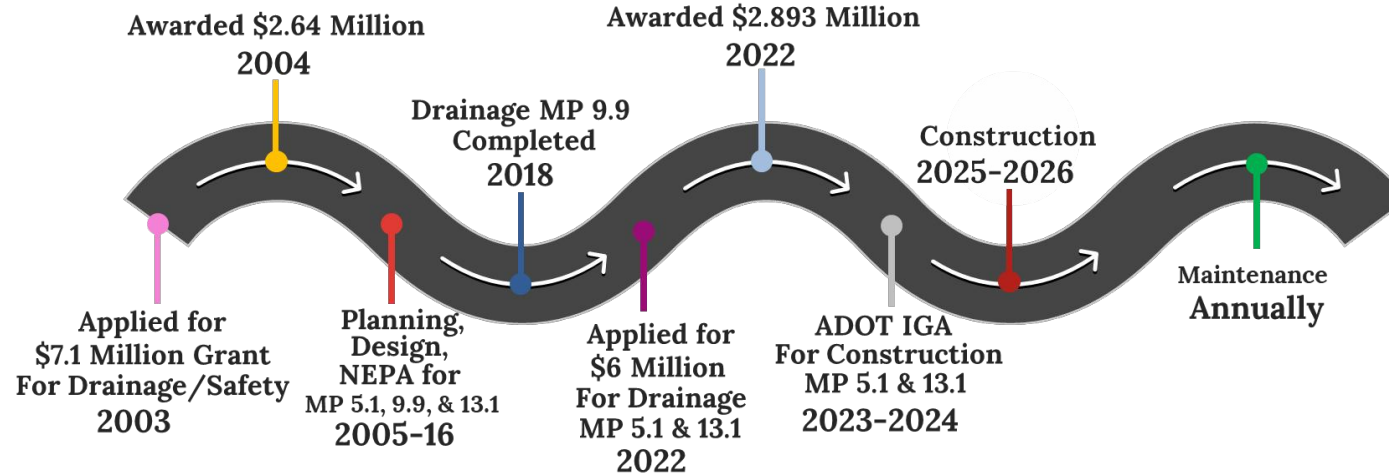
Moson Road Design



- ADOT Administered
 - Kimley-Horn design consultant
 - Current Funding - \$6.1 Million in State Earmarks
 - Design – \$1.8 Million
 - ROW – \$2 Million
 - Stage I – Initial Project Assessment & Roll Plot
 - Target Date 4/9/2025
 - Environmental Clearance
 - Target Date 10/15/2025
- Estimated Construction Costs: \$25-\$30 Million
 - 7.8 Miles of Roadway & Drainage Improvements
 - Grants to be pursued



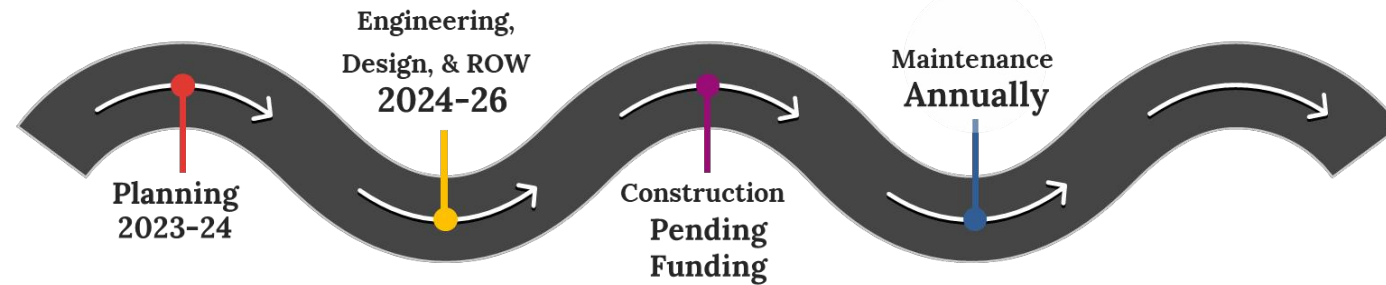
Davis Road - Milepost 5 & 13 Drainage



- Estimated Construction Cost: \$6,500,000
 - Awarded \$2,893,000 through Senator Kelly's Discretionary Funds
 - County HURF Funds \$3,607,000
 - Stantec (Consultant) - Currently Updating Design and NEPA Clearance
 - ADOT Oversight of Construction



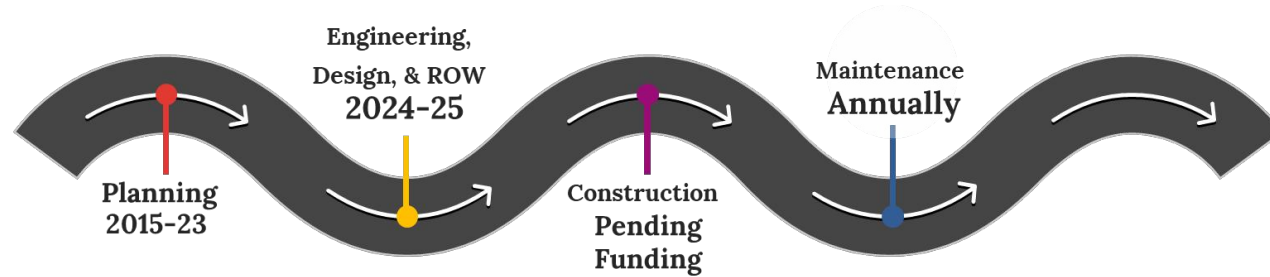
Davis Road - SR80 to N Central Highway



- Cochise County Awarded \$2,057,500 (RAISE Grant)
 - Currently waiting on release of grant funding
 - Will fund the 30% engineering designs & NEPA Clearance
 - Federal Highway Administred
 - IGA in 2025
 - County to contract for consultant
- Estimated Construction Cost, \$73 Million
 - 22 Miles of Roadway & Drainage Improvements



Davis Road - Central Highway to US191



- **Acquiring Right-of-Way**
 - 11 properties, 3 Pending Acquisitions
 - Design, Cost Estimate, and Specs
 - 100% completion by CEC, Inc.
 - Consultant Fee, \$79,582
 - Utilities and ADOT to Review
 - Update Utility Clearances
- **Estimated Construction Cost, \$9.12 Million**
 - 2.3 Miles of Roadway & Drainage Improvements
 - Pursuing Grants
 - BUILD Grant Application
 - Submitted On 1/30/2025



COCHISE COUNTY

Douglas - Port of Entry Connector Road

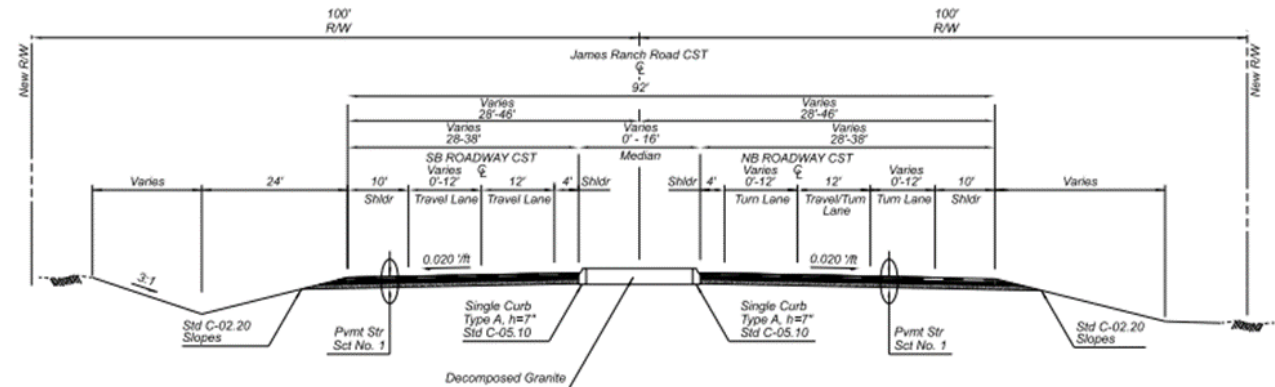
- Cochise County / Arizona Department of Transportation / City of Douglas
 - IGAs
 - Expected Construction 2027-2028
- Design Concept Phase, 3 Options
 - Final DCR and NEPA Clearance, March 2025
 - Preferred Alternative is Currently James Ranch Road



COCHISE COUNTY

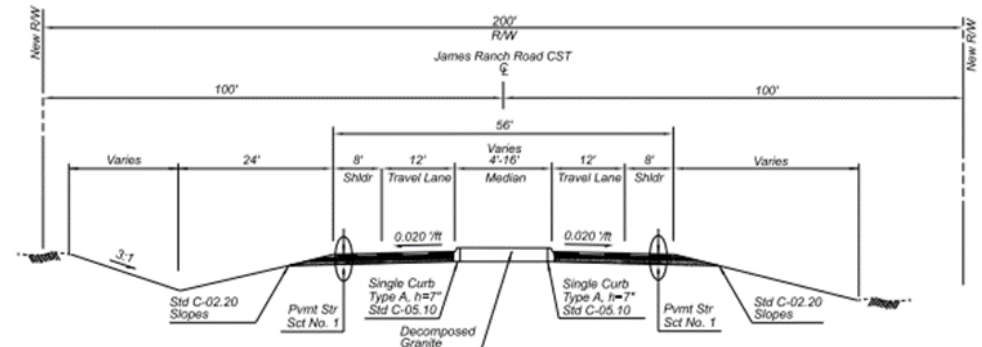
Douglas - Port of Entry Connector Road

- Connector Road Design, \$5 Million
 - Awarded \$4.4 Million through AZ SMART Fund
 - County HURF \$100,000
 - City of Douglas \$500,000
- Anticipated Construction, \$49 Million
 - County Grants
 - ADOT Grants



TYPICAL MAINLINE SECTION
JAMES RANCH ROAD (INTERIM)

Sta 118+00 to 128+00
Sta 172+80 to 189+40



TYPICAL MAINLINE SECTION
JAMES RANCH ROAD (INTERIM)

Sta 128+00 to 172+80




Ramsey Canyon Road Multi-Use Path

- SVMPO Scoping Project (Completed)
 - Stafford Lane/Richards Road to SR92
 - North side of Ramsey Road
 - Design Consultant – Wilson & Company
 - Construction Cost Estimate - \$2,341,524
- Apply for Grants, Design & Construction
 - ADOT Transportation Alternatives (currently waiting on timeframe for grant application submittal)



Ramsey Canyon Road Multi-Use Path

RAMSEY CANYON TRAIL EXTENSION STUDY




PROJECT TIMELINE

PROJECT PLANNING → PROJECT SCOPING → SEEK FUNDING → DESIGN PROJECT → CONSTRUCT PROJECT → OPEN TO THE PUBLIC

We Are HERE



CONCEPTUAL TRAIL LAYOUT



PROJECT DETAILS

SVMPO, in joint partnership with Cochise County, are studying the possibility of an extension of the Ramsey Canyon Trail from Richards Rd./Stafford Lane eastwards to State Highway 92.

The trail location for the one-mile extension will be identified. Potential conflicts with utilities, stormwater flows, existing vegetation, and encroachments into the County owned Right-of-Way will be considered.



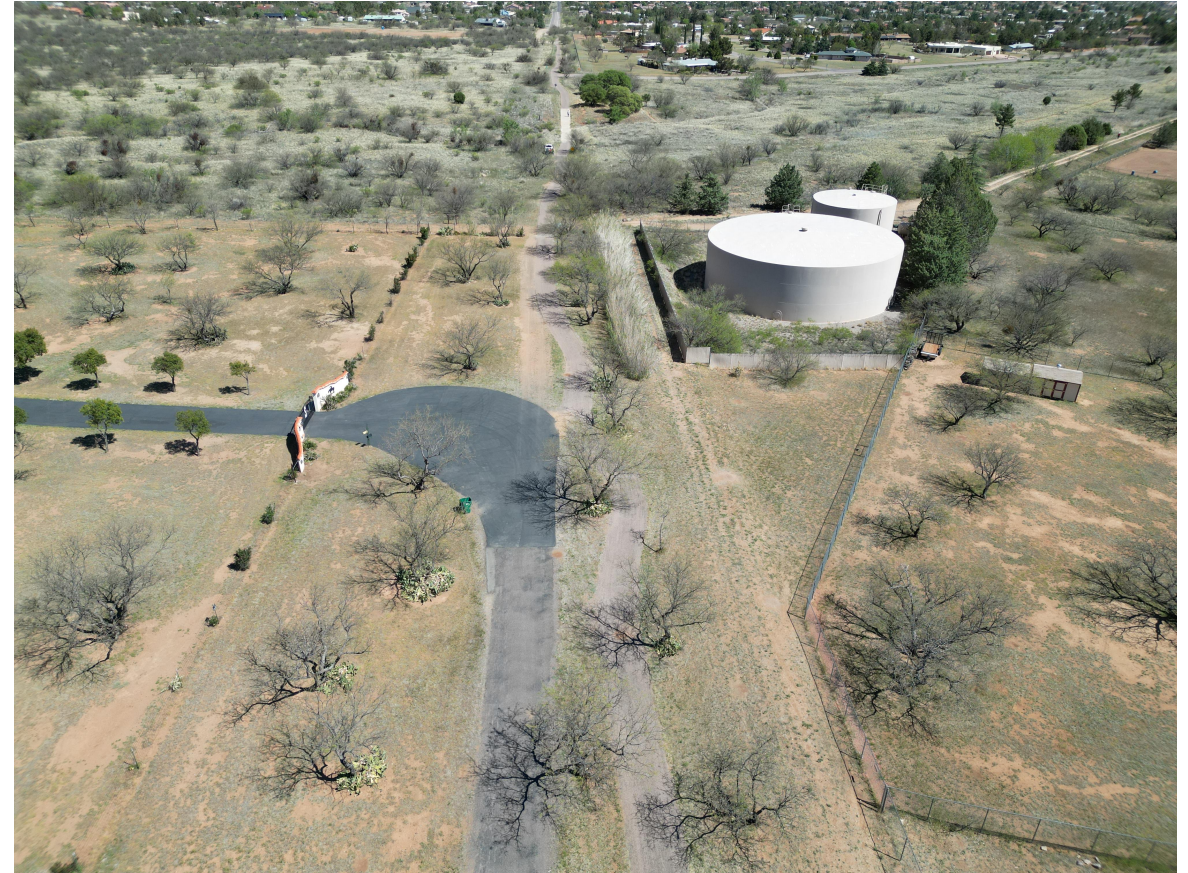
County Design Projects

- Bridges
 - Consor Engineering (Consultant) currently developing 20-year repair/replacement plan
- Rucker Canyon Road Bridge
 - Off-system bridge grant for scoping
 - \$135,000 ADOT grant
- Leslie Canyon Culvert Replacements
 - Additional Right-of-Way or Construction/Drainage easement



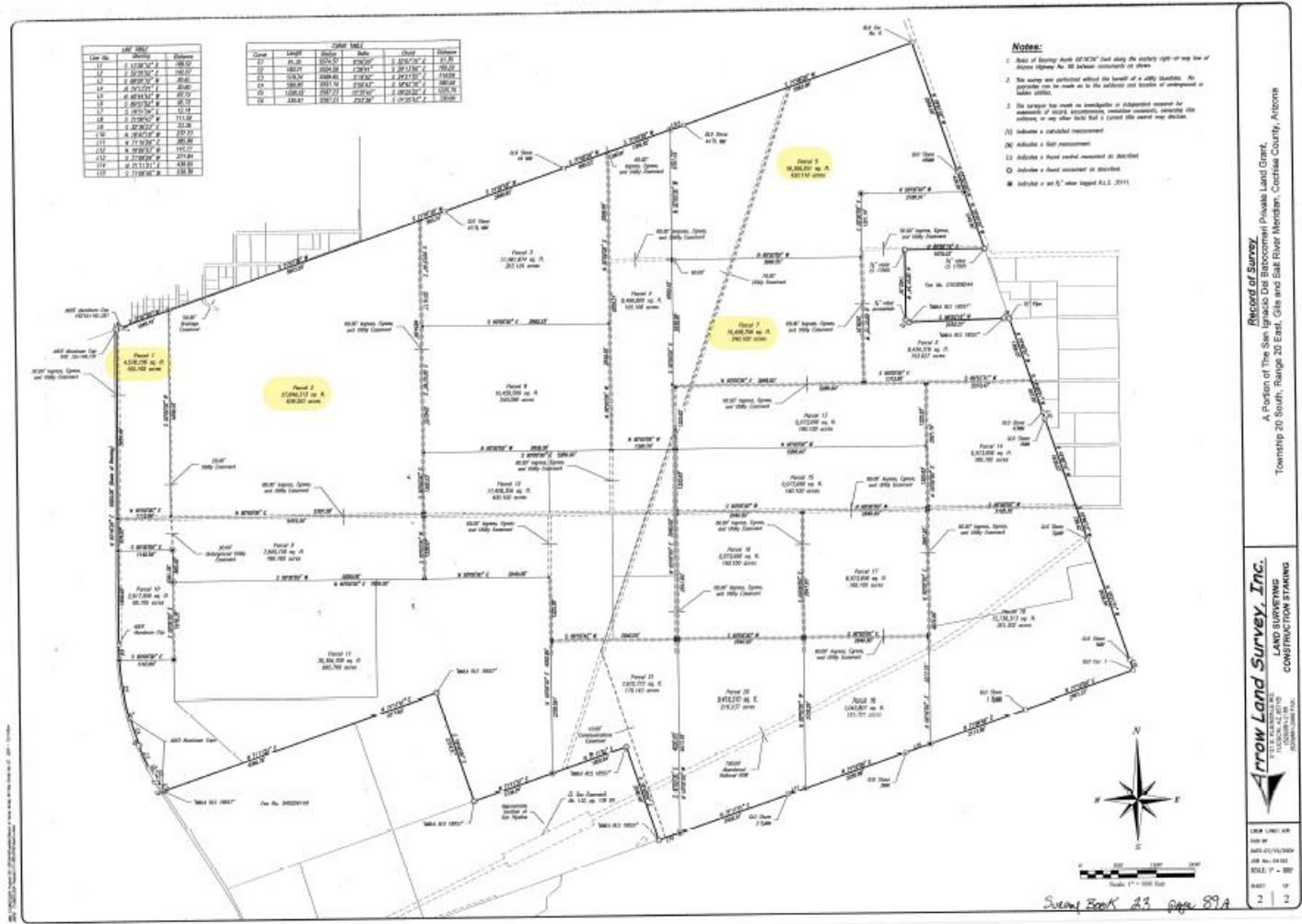
County Design Projects

- Kansas Settlement Road
 - Geotechnical Evaluation (In-progress)
 - Western Technologies \$20,000
- N Frontage Road Sidewalk (Sunsites)
 - Design Survey (In-progress)
 - Studying Options
- Stafford Lane Multi-Use Path / S Cherokee Avenue
 - Relocate Path
- Foothills Parking Lot
 - Final Plans and Specifications

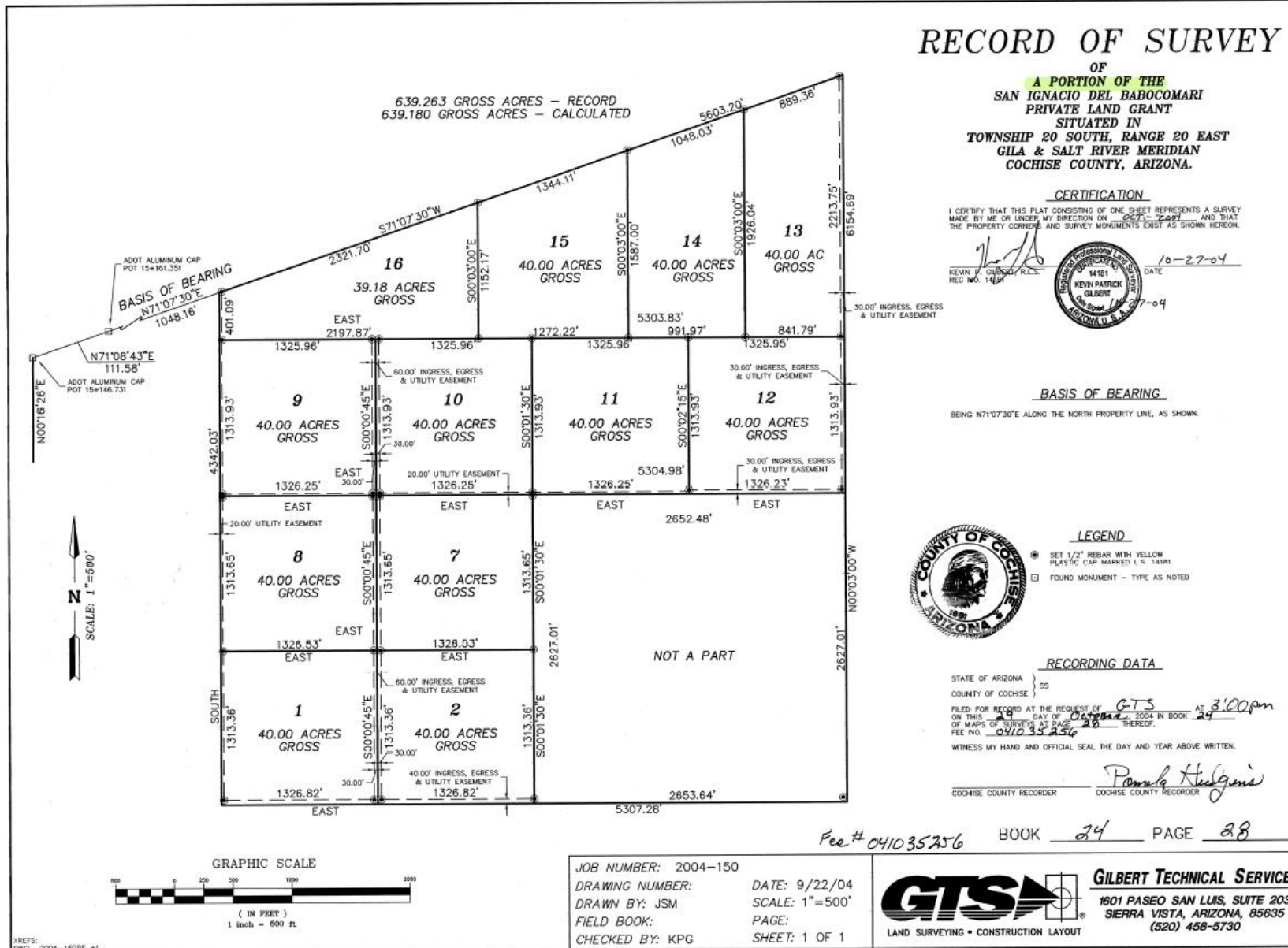


COCHISE COUNTY

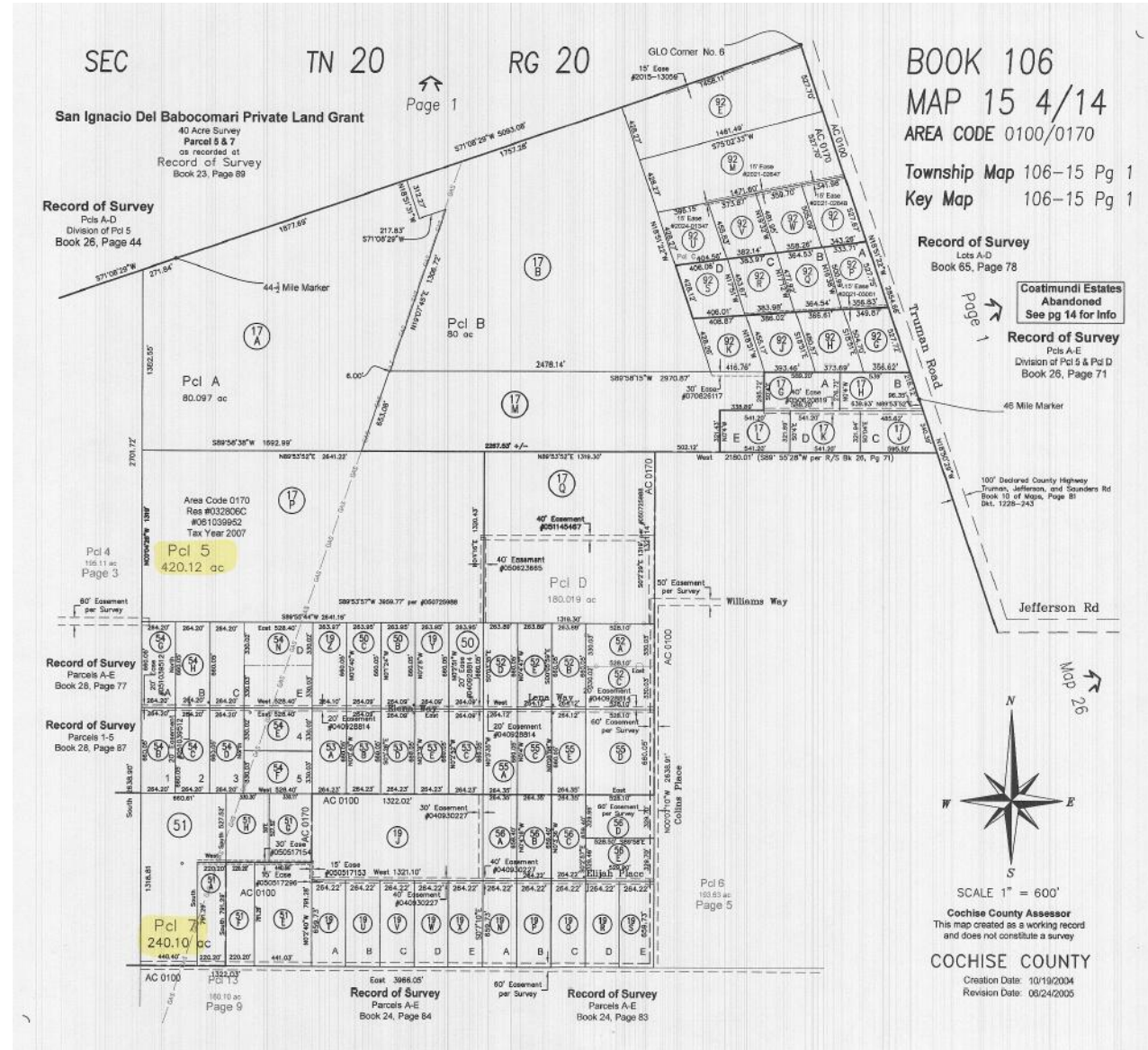
Roads and Record of Surveys



COCHISE COUNTY

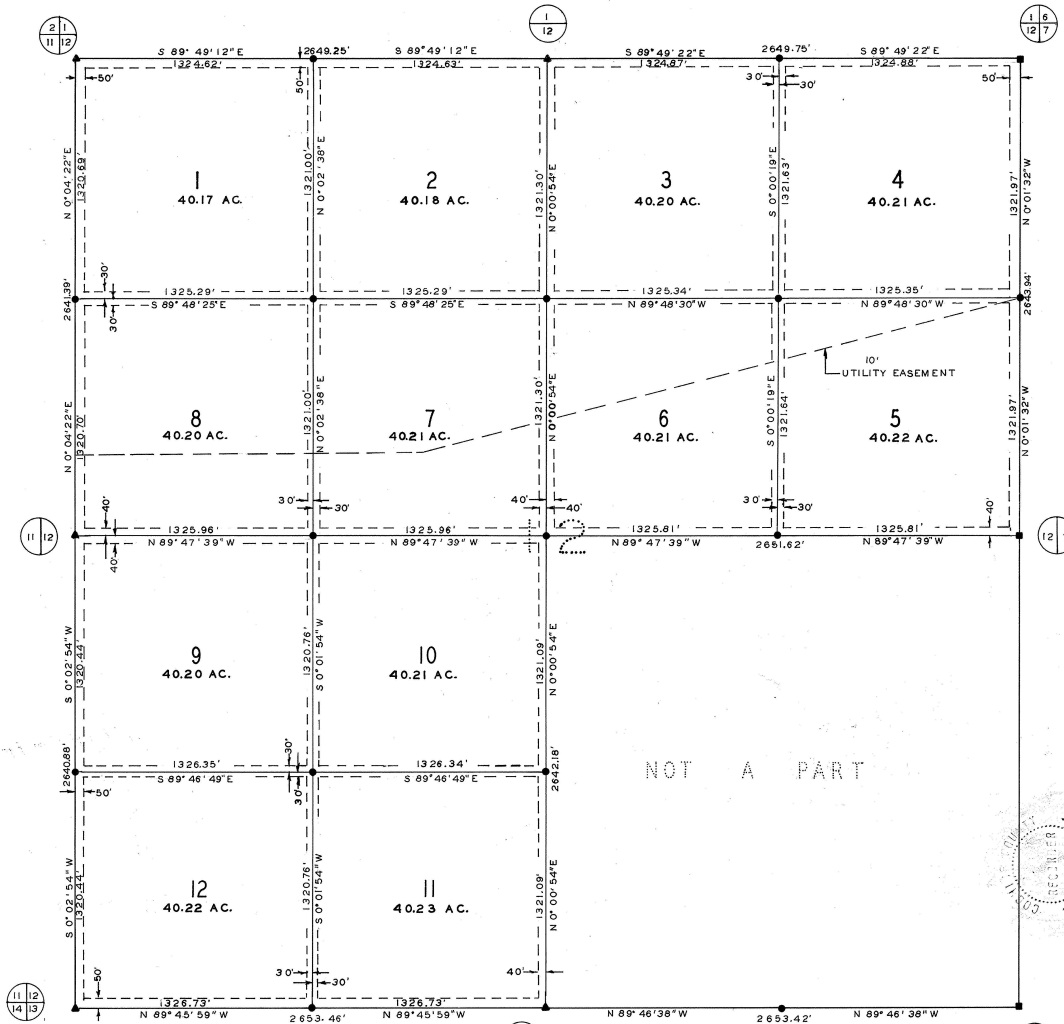


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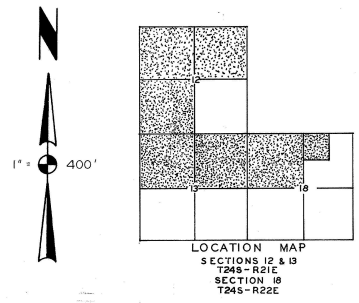
COCHISE COUNTY

Palominas Ranches



LEGEND
 ● - SET 1/2" RE-BAR & CAP RE. 1789
 ■ - FOUND G.L.O. 4" X 4" WOOD POST
 ○ - FOUND OTHER POINTS
 ▲ - FOUND G.L.O. BRASS CAP
 --- ROAD & UTILITY EASEMENTS
 BEARING BASIS NORTH LINE OF SECTION 4 - EAST

ENGINEER'S CERTIFICATE
 I, RICHARD D. RIDDELL, A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR DO HEREBY CERTIFY THAT THIS PLAT SHOWS THE RESULTS OF A TRUE AND ACCURATE SURVEY MADE UNDER MY DIRECTION.
 RICHARD D. RIDDELL
 REGISTERED PROFESSIONAL ENGINEER
 LAND SURVEYOR



DEDICATION
 WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE REAL PROPERTY SHOWN AS PARCELS 1 THRU 25 INCLUSIVE ON THIS RECORD OF SURVEY AND HEREBY DEDICATE FOR PUBLIC USE THOSE CERTAIN STRIPS OF LAND DESIGNATED AS ROAD AND UTILITY EASEMENTS SHOWN HEREON.

WESTERN FARM MANAGEMENT COMPANY
 BY: [Signature] ATTEST: [Signature]
 VICE PRESIDENT ASSISTANT SECRETARY

STATE OF ARIZONA } ss
 COUNTY OF COCHISE }
 THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS DAY OF June 1980 BY [Signatures]
 AND [Signatures] NOTARY PUBLIC
 MY COMMISSION EXPIRES 8/31/83.

COUNTY RECORDER
 STATE OF ARIZONA } ss
 COUNTY OF COCHISE }
 THIS PLAT WAS FILED FOR RECORD AT THE REQUEST OF Palominas Ranches, Inc. S.V. No. 85443
 ON THIS 25 DAY OF June 1980 AT 2:45 PM IN BOOK 31-312 OF MAPS AND PLATS AT PAGE 31-312 THEREOF.
 CHRISTINE RHODES

PALOMINAS RANCHES UNIT I
 40 ACRE PARCELS IN SECTIONS 12 & 13, T24S-R21E, AND IN SECTION 18, T24S-R22E G & SRB & M, COCHISE COUNTY, ARIZONA
 SHEET 1 OF 3

RIDDELL AND ASSOCIATES ENGINEERS SURVEYORS ARIZONA
 BISBEE

SURVEY BOOK 2 PAGE 31



COCHISE COUNTY

