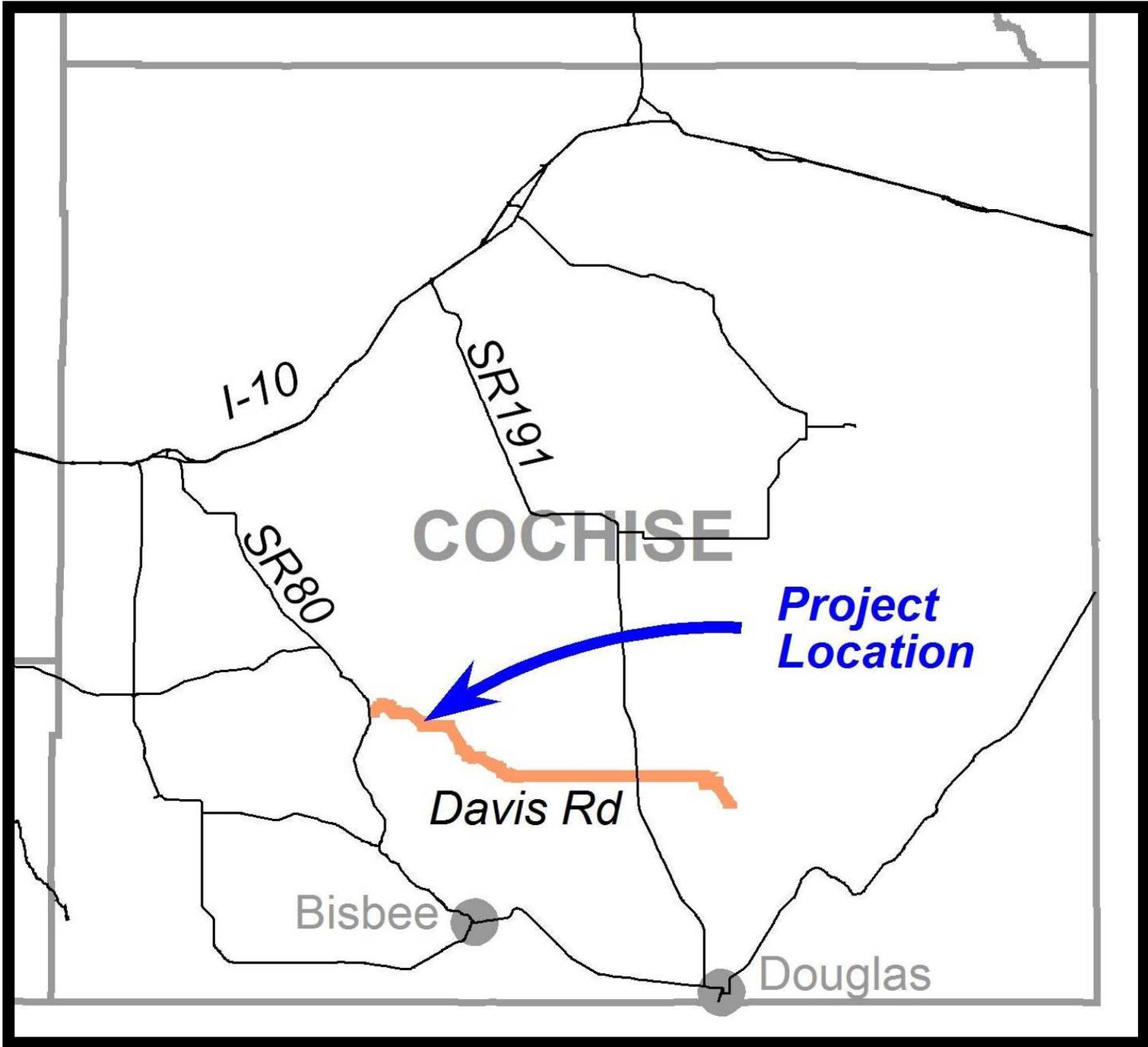




# **Davis Road Roadway and Drainage Improvements Update**

**TRACS No: 0000 CH CCH SS642 01C  
Federal Reference No: HPS-CCH-0(200)A**



# DAVIS ROAD

- **24 mile rural major collector between Douglas/Agua Prieta and I-10**
- **Current ADT is about 1700**
- **Frequent commercial truck traffic est. 10%**
- **Alternative route for oversize loads that the Federal system cannot accommodate**
- **Design speed 65 mph/Posted speed 55 mph**
- **Actual 85% speeds range from 55 – 95 mph**

# OVERSIZE LOADS ON DAVIS RD



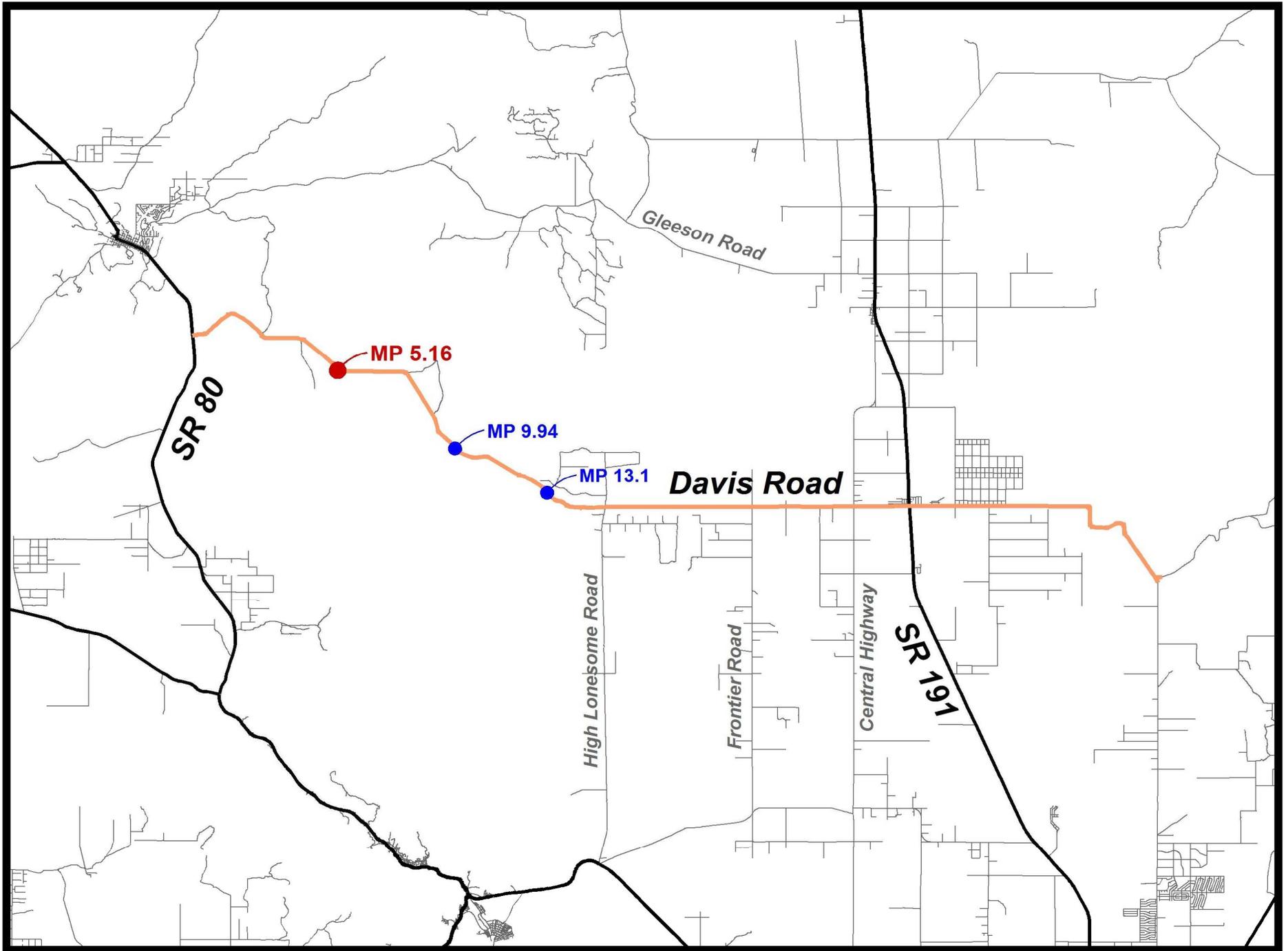
# DAVIS ROAD

- **In 2003 awarded Federal earmark (115 funds SAFETEA-LU \$2.5M, County match 20%)**
- **6 drainage locations chosen to initially study**
- **Narrowed to 3 after the initial assessment (MP5.1, 9.9 & 13.1) based on funding and history**

# FLOODING ON DAVIS RD







# Scope of work at 3 locations

Drainage – convey 25-year storm

Horizontal and vertical curves

Storm water basin at site MP 13.1

Acquire adequate R-O-W for the improvements (100' -200' depending on the site and negotiations)

# Estimated Project Costs

MP 5.1 = \$2.5M

MP 9.9 = \$3M

MP 13.1 = \$1.7M

TOTAL = \$7.2M

Unknown costs = Major EPNG line at  
MP 5.1

# Funding Sources

Awarded:

Section 115 = \$2.5M

STP A = \$1M

STP B = \$1.42M

CBI = \$800K

Local Match = varies between 5.7% and 20%

Future Potential Sources = HSIP \$200K/site

Short = About \$1M (other HSIP, local, etc.)

# Federal Aid Process

Projects have to go through the ADOT Local Government Process and follow Federal Stds.

ADOT review is unusually slow – staff turnover, stimulus projects had a higher priority

Takes about 3-5 years to design projects and costs between 50-100% more than what a similar project would cost locally

Property acquisition is very complex and time intensive – hence will contract out

# Current Status

MP 5.5 and 13.1 = 65% plans

MP 9.9 = 30% plans

Environmental review for all 3 sites at final stage

Final Project Assessments at final stage

# Next steps

Clear up EPNG line issue at MP 5.1

Environmental/utility/r-o-w Clearance

Hire R-O-W acquisition firm and start that process

IGA with ADOT

Design estimated to be complete by Summer, 2011

# Other Davis Road In-house project Central to 191

MCS and crack seal project in AWP for this  
FY

Staff thinks that it might be of greater benefit  
and more cost effective to do an R&R next  
FY

We will explore that and discuss and get  
your direction at future Work Session  
about the AWP

# Questions????

