

COCHISE COUNTY

FEDERALLY FUNDED TRANSPORTATION PROJECTS

DISCUSSION ITEMS: DECEMBER 20, 2016

- Update on Davis Rd. Milepost 9.9 Project
- Expectations for using Federal Funds for Transportation
 - Strategies/Options for using Federal Funds
- Decisions/Next Steps on existing Davis Road projects



Public Programs...Personal Service

MILEPOST 9 CURRENT STATUS

Estimated Construction Cost: \$3,543,600

Drainage and Realignment Project:

- ✓ 100% Design – Advertised and Contractor Selected
- ✓ Awarded Contractor: KEG at \$2.953 million
- ✓ Data Recovery Field Work Completed

Next Steps:

1. Data Recovery Phase 2 Report Consultation
2. Fiber Optic Line Re-Location
3. Press Release announcing Project
4. Project Kick-Off meeting January 5, 2017
5. Construction tentatively to begin Jan. 16, 2017

EXPECTATIONS/CHALLENGES

Budget Planning:

- Match Requirements (5.7%)

- Design Review Fees

Scheduling Implications:

- Review Timelines

- Level of Clearances

Staffing Support at all Levels:

- County Staff Involvement Needed for Success

- IGA'S & Resolutions/Documentation Critical

- Elected Official Advocacy

Project Control:

- Relinquish Local Control

- Federal Agencies Control the Money

- Federal & State Requirements/Rulemaking

STRATEGIES/OPTIONS

No Participation – No Build Option

Advance Planning for Improvements 10-20 yrs out

Active partnerships with SEAGO/SVMPO

Leverage relationships with Federal/State staff

Politically proactive at federal, state, regional levels

Limit your federalized corridors/focus resources

Annual set-aside of funds:

Right-of-Way and Capital/Match

Dedicated staff attention to these tasks

DECISION MATRIX

ESTIMATED COSTS ARE ROUNDED		FEDERAL				LOCAL		H/F	BOS
Project		Estimated Cost	Estimated Match	Contingency 10%-20%	Notes	Estimated Cost	Notes	Recommendation	DIRECTION
1	Project Assessment Hwy 80 to Central Hwy							Do Not Federalize	
1A	Corridor Declaration	\$30,000	\$1,710	\$3,000 - \$6,000	Would have to build improvements by 2027. Total project costs for re-constructed two lane section, ROW, drainage, shoulders est. \$55 million	\$30,000	Survey, Legal Description to Declare. Protects corridor from encroachments. Avoids federalizing the project too soon	HIGH PRIORITY: Declare in 2017. Use Local Funds	
1B	ROW Acquisition	\$750,000	\$42,750	\$75,000-\$150,000	Does not include costs for ROW Consultant est. at \$10,000 per parcel. Approx. 80-90 parcels	\$750,000	Acquire when developments come in, acquire when opportunities arise, acquire key segments over time. \$75,000/yr in ten years.	Begin with Local Funds, Acquire over time.	
2	Design Concept Report Central Hwy to US 191							If building in 10 years, then use Federal Process	
2A	Segment Declared	*	*		Would have to be part of hiring a consultant and acquisition item to be federally funded.	\$5,000	If entire Davis Rd. Corridor not fully declared, this segment would need to be declared in advance of acquisition. Declaration survey and legal description possible in-house.	HIGH PRIORITY: Declare in 2017 as part of entire corridor (1A). Local Funds	
2B	ROW Process/Consultant	\$100,000	\$5,700	\$10,000-\$20,000	Would be hired through ADOT process.	\$100,000	Potentially could be off-set by use of County staff and doing much of this in-house. Appraisals, recording fixed costs. Potentially leverage more work with hiring ROW agent with experience acquiring ROW through the federal process.	Consider acquiring outside the federal process, early enough to get a jump-start on the larger parcels, with advance approval to use as match towards construction.	
2C	ROW Acquisition	\$405,600	\$23,116	\$405,000-\$810,000	SEAGO TIP 2017 set aside \$267,063 (match \$16,143) for DCR ROW March estimate: \$405 is Aug estimate includes Well acquisitions.	\$405,600	Could obtain advance authorization to proceed and obtain advance FHWA approval for funds expended to count towards match for construction. This would delay federalizing the project or causing the required construction date to be too early for available funding.		
2D	Design Review Fees	\$60,000	\$3,420 IGA Match + \$13,500 PD	\$6,000-\$12,000	Draft IGA for Board action in Jan. 2017. County has paid \$13,500 in Design Review Fees to date. Additional fees to bring DCR to bid ready plans.	\$60,000 + \$13,500 PD	To bring DCR to 100% bid ready project design. Pd. \$13,500 to date.	If building in ten years, bring IGA forward and complete design.	
2E	DCR Construction	\$4,470,000	\$255,000	\$447,000-\$894,000	2.3 mi w/ 2 Intersections, A/C, Drainage, Soil Remediation	\$400,000	County R&R 1.7 mi armor coat chip seal within 5 to 10 years.	Seek federal construction funds before an R&R is needed.	
3	Milepost 5 & 13							Maximize flexibility to construct individually	
3A	Buy-Out Option	*	*		Projects must be build by the year 2022, with first obligation of federal funds in May of 2012.	\$173,000	Investigate if buy-out of Federal Share of ROW Consultant Costs gives us future flexibility.	Would lose value of the completed design plans if not built.	
3B	Separate Milepost Projects	*	*		Design Phase not authorized by FHWA	\$20,000	Split apart plans and update required certifications (expire over time). May be easier to fund one at a time than combined. May have to buy-out to do this split or high level request to FHWA/ADOT to allow the split.	Split apart the Milepost Plans.	
3C	Construct Both Together	\$4,046,000	\$230,700	\$404,600-\$809,200	100% Design Approved, ROW Clearance pending one acquisition, PISA/Biology will need updated. Shortfall estimated 1 mill	\$4,000,000	Less ADOT oversight costs but plus County procurement, staff oversight and inspections (not in this estimate)		
3D	Milepost 5 Construction	\$2,030,000	\$115,300	\$203,000-\$406,000	Shovel ready project: Available funds in SEAGO out-year enough to build one	\$2,000,000	Plus County staff administration, oversight and inspections.		
3E	Milepost 13 Construction	\$2,030,000	\$115,000	\$203,000-\$406,000	Shovel ready project: Available funds in SEAGO out-year enough to build one	\$2,000,000	Plus County staff administration, oversight and inspections.		

STAFF RECOMMENDATIONS: If we plan/need to construct within 10 years: if project cost is beyond County ability to fund: if we can leverage County resources to get cost savings at construction: Then it may make sense to federalize the project.

DIRECTION FROM BOARD

- Continue policy to seek federal funds for transportation projects: YES/NO
- If Yes, corridors to consider for federally funded projects?
- Declare the PA roadway corridor in 2017: YES/NO
- Go forward with DCR ROW acquisition: County or Federal Funds
- Go forward with DCR Construction: County or Federal Funds
- Milepost 5 and 13 Improvements: Buy-out & defer construction OR take actions to bring to construction either together or separately by the year 2022.

- Is there anything else on this topic you would like to discuss now or in a later work session?

ADDITIONAL INFORMATION

SLIDES IF NEEDED FOR CLARIFICATION

ELIGIBLE ROADWAY CORRIDORS

Davis Road is currently our only “federalized” roadway corridor.

- Central Highway
- Charleston Road
- Davis Road
- Double Adobe Road
- Dragoon Road
- Fort Grant
- Hereford Road
- J-Six/Mescal
- Kansas Settlement Rd
- Moson Road
- Palominas
- Ramsey Road
- Future Corridors

Meets criteria to improve to a higher design standard:
Functionally Classified, Connectivity, Higher Volumes, Multiple Modes of Users

PROJECT ASSESSMENT

\$376,697/ \$21,472 MATCH

- ✓ Entire Corridor from Central Highway to Highway 80
- ✓ Includes Environmental Overview
- ✓ Project Assessment Completed

Six Implementation Segments Recommended

Next Steps:

1. Declare and acquire future ROW corridor
2. Complete three prioritized drainage and realignment projects

DESIGN CONCEPT REPORT
\$431,303/ \$24,584 Match

Full Design of Highway 191 to Central Highway
At 95% Design Plans

Next Steps:

1. Pending IGA for STP Funds for Design Review Fees
2. ROW Corridor Declaration and Acquisition
3. Seek Construction Funding
4. OR...decide not to federalize this segment.

MILEPOST 5 & 13

Construction Estimate: \$4,046,087

Drainage and Realignment Projects:

- ✓ Finalized and Approved 100% Shovel Ready Design
- ✓ All ROW acquired except for one property on MP 13

OPTIONS:

1. Complete ROW Acquisition
2. Obtain ROW Clearance
3. Identify Gap Funding
4. Update any expired clearances
5. Advertise project for construction



1. Buy out Federal Project
2. Construct promised MP 5 driveway (ROW exchange)
3. Separate mileposts