PROJECT DELIVERY ACADEMY MODULE 1: Planning and Programming

MPD CORRIDOR PLANNING

Presented by:

Samuel Patton

ADOT Multimodal Planning Division Corridor Project Manager

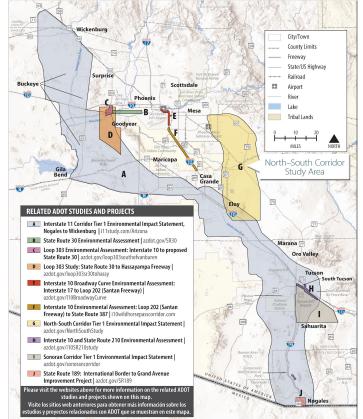


Who we are?

- Corridor Planning Group within the Multimodal Planning Division
- All Scoping Activities design concept report, environmental studies, planning level scoping – pavement rehabs, corridor profile studies
- Carlos Lopez, Group Manager
- Tazeen Dewan, Sam Patton, Asad Karim and Chris LaVoie, Project Managers

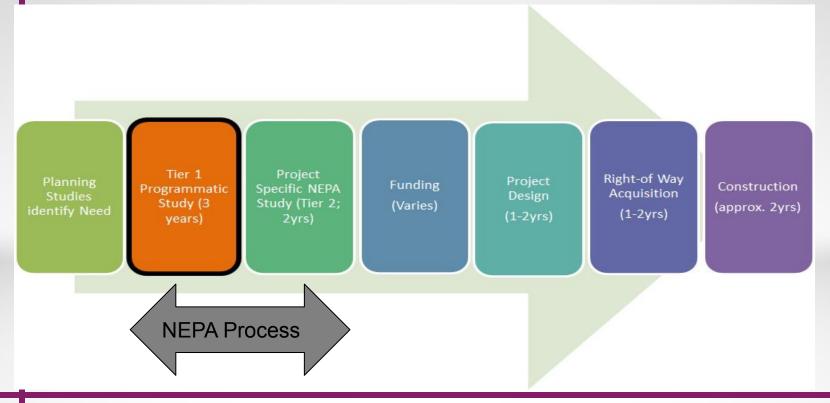


RELATED ADOT STUDIES AND PROJECTS





Project Development Process





Purpose & Need

- Scoping (internal and external Π stakeholder partners)
- Establishes the basis for the П development of alternatives

PURPOSE & NEED

Population and

regional, and municipal

planning initiatives, the

proposed corridor wou

Consistent

with state.

Employment Growth

Improve access to future activity centers

The proposed corridor would benefit the study area's new activity and population centers and undeveloped lands identified for development that are in various stages of local or regional planning processes.

Improve regional mobility

The proposed corridor would provide additional roadway capacity ahead of full development build-out to avoid congestion associated with anticipated growth.

Improve north-to-south connectivity

The proposed corridor would connect eastern portions of the Phoenix 🖓 📖 📖 🕐 metropolitan area with Pinal County and destinations to the south, including Tucson.

Integrate the region's transportation network

The proposed corridor would provide a critical link, currently missing, in the transportation network to provide regional connectivity.



NORTH-SOUTH CORRIDOR STUDY **Draft Tier 1 Environmental Impact Statement**



Provide an alternative to avoid congestion on I-10

The proposed corridor would provide a continuous alternative to I-10 to

reduce traffic delays at full development build-out.



Alternatives Analysis

- Environmental Resources
- Avoidance Areas
- Design guidelines (interstate)
- Proposed Alternatives

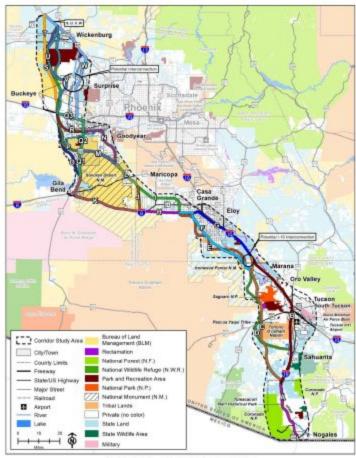
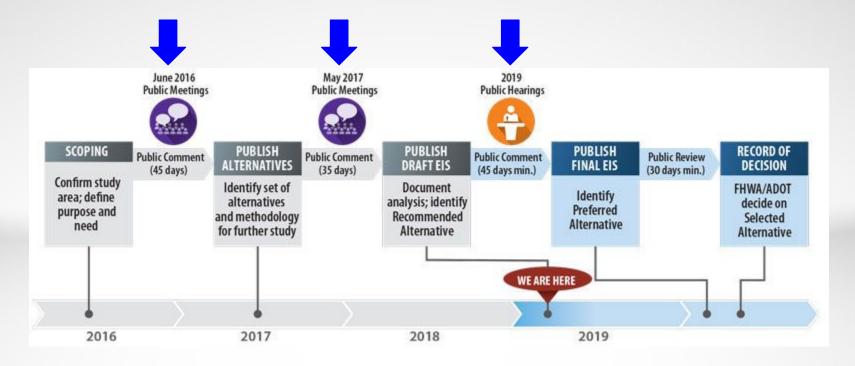


Figure 3-3 I-11 Corridor Options

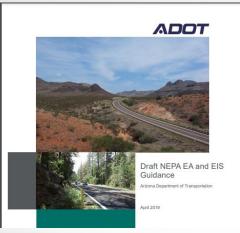


Outreach and Coordination





Corridor Planning Collaboration



Arizona Department of Transportation

ADOT

Public Involvement Plan February 2017

Prepared by: Arizona Department of Transportation, Communications Division

Mr. John S. Halikowski, ADDT Director Mr. Kevin J. Biesty, ADOT Deputy Director for Policy Dr. Timothy Tait, ADDT Communications Director

1 Page

Environmental Planning Guidance https://azdot.gov/sites/defau lt/files/media/2021/01/ea-El S-guidance.pdf

Public Involvement Plan https://azdot.gov/sit es/default/files/2019 /05/adot-public-invol

vement-plan.pdf

POLICY

The Design Concept Report (DCR) or the Location/Design Concept Report (L/DCR) is prepared for project(s) where location and/or design concept is an issue. The report is developed to further define project(s) parameters when they cannot be fully addressed by a Project Assessmet (PA). Once approved, it is condidered binding throughout the project development process. Major changes in scope or cost after approval must be addressed by the Project Development Committee.

IMPLEMENTATION

 <u>SCOPE AND PRIORITY</u>: The Design Concept Report will document the criteria necessary to design improvements, identify available data, address alternatives, and recommend a solution. The contents presented herein will provide a guide for the development of the DCR and L/DCR. All items listed to be considered, plus any other applicable information not specified. Once approved, the development effort will proceed without further consideration of alternatives.

The LDCR includes the same basic contents as a DCR, but also requires a location analysis. When location is a project issue, a new corridor or alternative alignments must be considered. A recommended alternative is selected after proper analysis as herein outlined. The major design features are then identified and the same process is followed as in the DCR.

A. A DCR or L/DCR will be required for those projects which cannot be fully addressed by a PA and will be identified in the PA as requiring a DCR OR L/DCR.

Scoping Guidelines:

https://apps.azdot.gov/files/ Roadway-Engineering/pred esign/adot-policy-project-as sessments-and-design-conc

ept-reports.pdf



Planning Level Scoping (Scoping prior to Programming)

P2P (identifies pavement rehab priorities) PLS (develops scope/cost for projects) *Programming (maximizes available budget per PLS costs) Final Design (project management group)



Scoping Pavement Preservation Projects

Goal: Establish consistent approach of work items to be addressed within project termini ARIZONA DEPARTMENT OF TRANSPORTATION

ADOT Intermodal Transportation

GUIDELINES FOR SCOPING PAVEMENT PRESERVATION PROJECTS

November 2015

ROADWAY ENGINEERING GROUP ROADWAY PREDESIGN SECTION



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Conclusion: Planning Level Scoping

- Planning level scoping completed ahead of programming
- Project construction placed in year 3 of program
- Project Management Group advances projects through final design



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QUESTIONS?

