

MPD CORRIDOR PLANNING GROUP

PROJECT DELIVERY ACADEMY
MODULE 1: Planning and Programming

Presented by:
Tazeen A. Dewan, P.E.
ADOT Multimodal Planning Division
Corridor Planning Group Manager





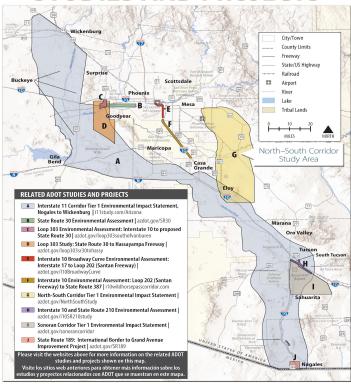
Who We Are?

- Corridor Planning Group within the Multimodal Planning Division
- Design Concept Report with environmental studies
- Planning Level Scoping pavement rehabs
- Corridor Profile Studies-Performance Based Process
- Feasibility Studies and other planning studies
- LPA projects
- Project Managers: Chris LaVoie, Nick Edwards, Stephanie Wilhardt-Smith and Ben Stipes



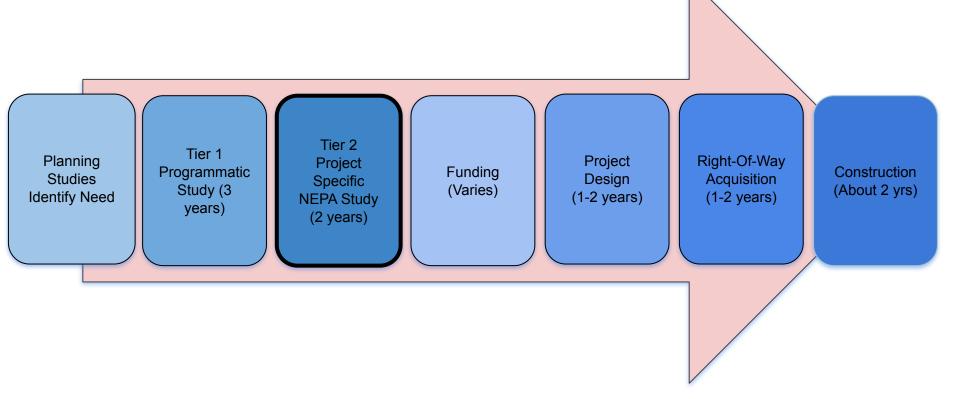


RELATED ADOT STUDIES AND PROJECTS











Purpose and Need

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

PURPOSE & NEED

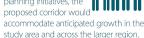
Improve access to future activity centers



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.

Population and Employment Growth

Consistent
with state,
regional, and municipal
planning initiatives, the



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.

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.



NORTH-SOUTH CORRIDOR STUDY Draft Tier 1 Environmental Impact Statement

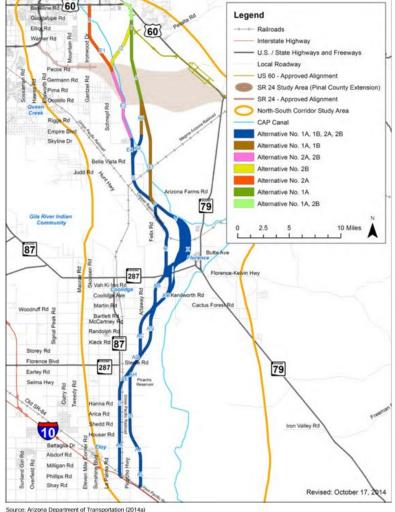






Alternatives Analysis

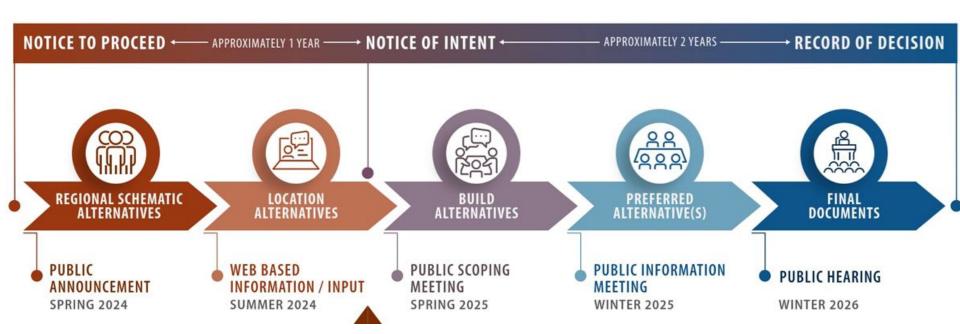
- **Environmental Resources**
- **Avoidance Areas**
- Design guidelines (interstate)
- **Proposed Alternatives**







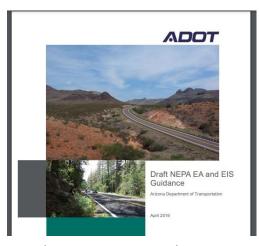
Outreach and Coordination







Corridor Planning Collaboration



Environmental Planning
Guidance
https://azdot.gov/sites/defa
ult/files/media/2021/01/eaEIS-quidance.pdf

Arizona Department of Transportation



Public Involvement Plan

Prepared by:

Arizona Department of Transportation, Communications Division

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

....

<u>Public Involvement</u> 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 Assessment (PA). Once approved, it is condidered binding throughout the project development process. Major changes in socy or cost after approval must be addressed by the Project Development Committee.

IMPLEMENTATION

SCOPE AND PRIORITY: 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 LDCR. 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/prede sign/adot-policy-project-asse ssments-and-design-conceptreports.pdf





Planning Level Scoping (PLS) Process



- Scope is defined by the need identified by
 - Districts and Technical groups
- Cost estimate is completed and forwarded to Programming.
- One of the purpose of the process is to provide accurate reliable construction and design cost for ADOT's Five-Year Program (FYP).





Scoping Pavement Preservation Projects

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



GUIDELINES FOR SCOPING
PAVEMENT PRESERVATION PROJECTS

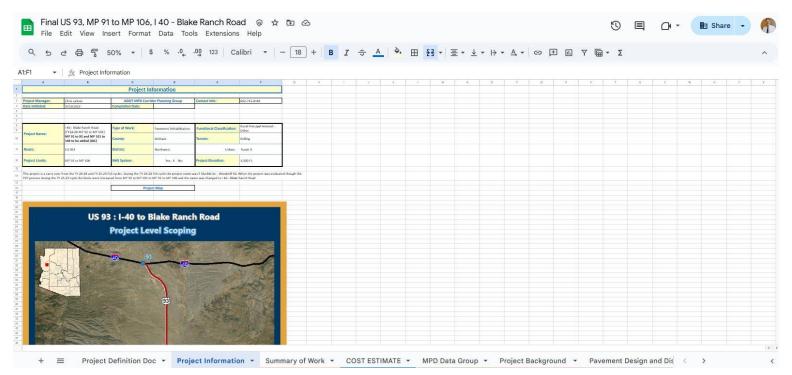
November 2015

ROADWAY ENGINEERING GROUP ROADWAY PREDESIGN SECTION





Planning Level Scoping Template







Planning Level Scoping Summary

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





Historic PLS Project Dashboard

Selected Projects

Projects in Selection

Select a project below to view details

B-19, International Border to Mariposa/SR 189 SB 19 from MP0.09 to MP2.96

Bisnaga St to Val Vista Blvd

SR 387 from MP2.59 to MP8.38

Dennison to Navajo County Line 140 from MP240.4 to MP254

East Benson to Johnson Rd

L10 from MP316 to MP323

Foothills Blvd - Dome Valley 18 from MP13.7 to MP20.45

I-40 to Blake Ranch Rd US 93 from MP91 to MP106

Lake Havasu TI to Illavar Wash 140 from MP8.3 to MP18.3

MP 274.45 to SR 83 - Mtn View

I 10 from MP274.45 to MP281.7

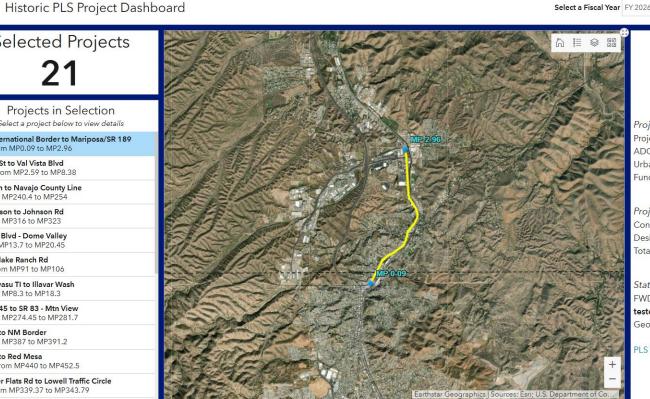
MP 387 to NM Border

I 10 from MP387 to MP391.2

MP 440 to Red Mesa

US 160 from MP440 to MP452.5

N Juniper Flats Rd to Lowell Traffic Circle SR 80 from MP339.37 to MP343.79



Project Details

Select a District < All Districts>

B-19, International Border to Mariposa/SR 189

FY 2026-2030

Project Overview

Select a Fiscal Year FY 2026-2030

Project Location & Extent: SB 19 from MP 0.09 to MP 2.96

ADOT Engineering District: Southcentral

Urban/Rural: Urban

Functional Classification: Principal Arterial - Interstate

Project Costs

Construction Cost: \$12,216,845

Design Cost: \$733,011

Total Project Cost: \$12,949,856

Status and Completion Dates

FWD Testing: Completed 11Sep24, 3 tests/mi; Lane 1 not tested due to traffic and safety concerns

Geotechnical Coring: Assign to Geotech Ops (#1)

PLS Template





LPA Projects

- New to the group
- Scoping and Design for Local projects
- Transportation Alternatives (TA) Funding





Questions?

