



# **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
- Planning Level Scoping (PLS): Pavement Preservation Projects
- Corridor Profile Studies: Performance Based Process
- Feasibility Studies and other planning studies
- Design Concept Report with environmental studies

Project Managers:

Chris LaVoie,

Nick Edwards,

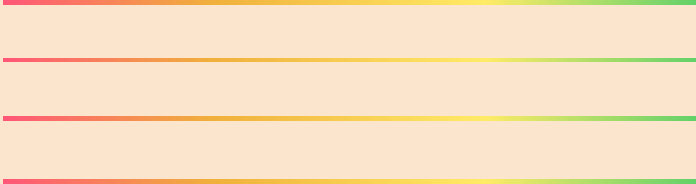
Stephanie Wilhardt-Smith

and Akram Friekh

# MPD CORRIDOR PLANNING GROUP



Tazeen Dewan  
Manager



Chris LaVoie



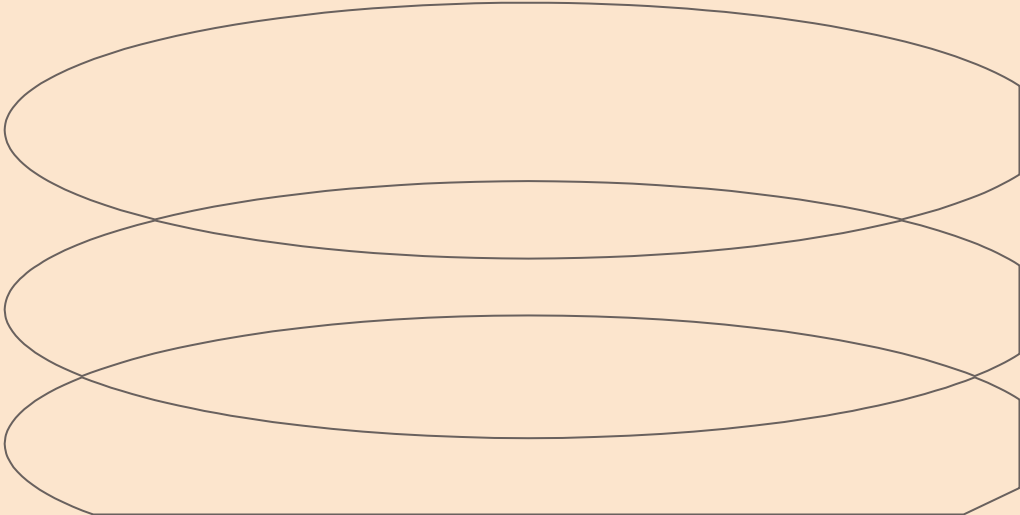
Stephanie Wilhardt-Smith



Nicholas Edwards



Akram Friekh



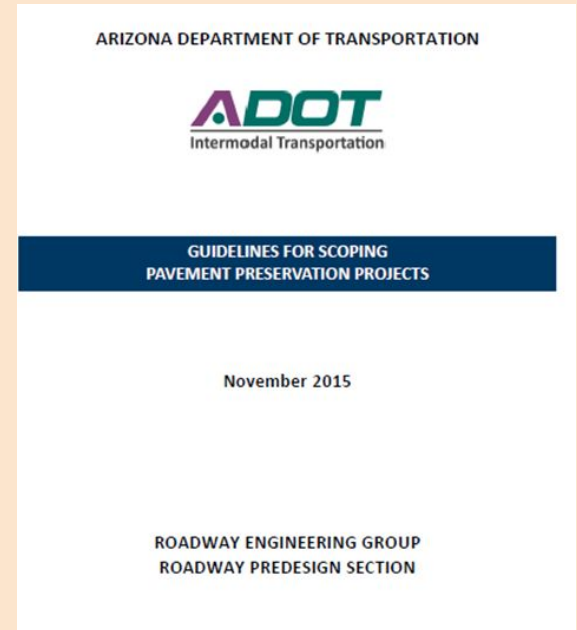
# Planning Level Scoping (PLS) Process



- 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



# Planning Level Scoping Template

Final US 93, MP 91 to MP 106, I 40 - Blake Ranch Road @ ☆ 📁 🌐

File Edit View Insert Format Data Tools Extensions Help


50% \$ % .0\_ .00 123 Calibri - 18 + B I ↺ A ↻ 🗒 🗑 📄 📑 📊 Σ

A1:F1 Project Information

Project Information					
Project Manager:	Chris Lavin	ADOT MPD Corridor Planning Group	Contact Info:	602-712-8181	
Date Issued:	9/18/2023	Completion Date:			
Project Name:	I 40 - Blake Ranch Road FY 24-28 MP 91 to MP 101 MP 91 to 92 and MP 101 to 106 to be added (LAC)	Type of Work:	Pavement Rehabilitation	Functional Classification: Rural Principal Arterial - Other	
Route:	US 93	County:	Maricopa	Terrain: Rolling	
Project Limits:	MP 91 to MP 106	District:	Northwest	Urban: Rural, X	
		NHS System:	Yes, X, No	Project Elevation:	3,800 FT.

This project is a carry over from the FY 24-28 and FY 25-29 PLS cycles. During the FY 24-28 PLS cycle the project name was F Marble Dr - Windsor Rd. When the project was evaluated through the P2P process during the FY 25-29 cycle the limits were increased from MP 91 to MP 101 to MP 106 and the name was changed to I 40 - Blake Ranch Road.

Project Map



Project Definition Doc | **Project Information** | Summary of Work | COST ESTIMATE | MPD Data Group | Project Background | Pavement Design and Dis

# 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

# 21

### 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**  
I 40 from MP240.4 to MP254

**East Benson to Johnson Rd**  
I 10 from MP316 to MP323

**Foothills Blvd - Dome Valley**  
I 8 from MP13.7 to MP20.45

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

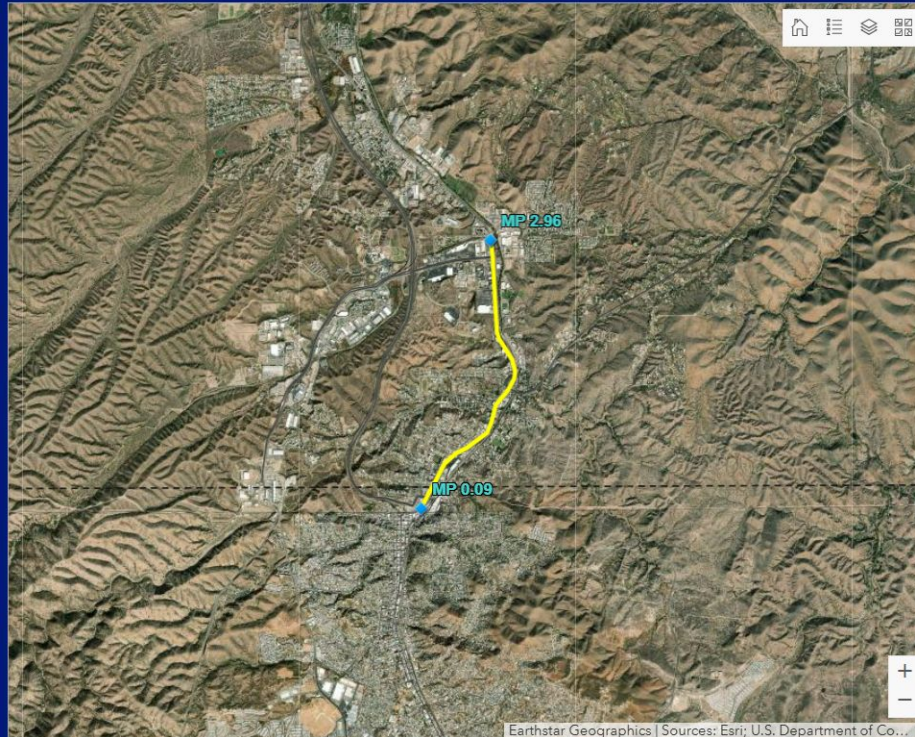
**Lake Havasu TI to Illavar Wash**  
I 40 from MP8.3 to MP18.3

**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

### B-19, International Border to Mariposa/SR 189

FY 2026-2030

#### Project Overview

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**

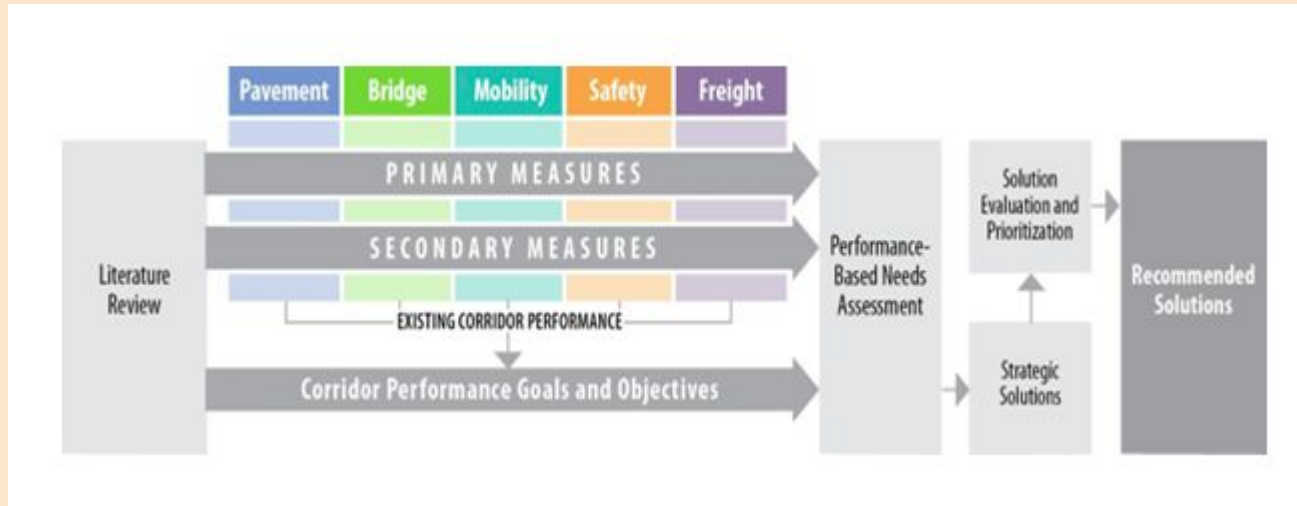
#### Status and Completion Dates

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

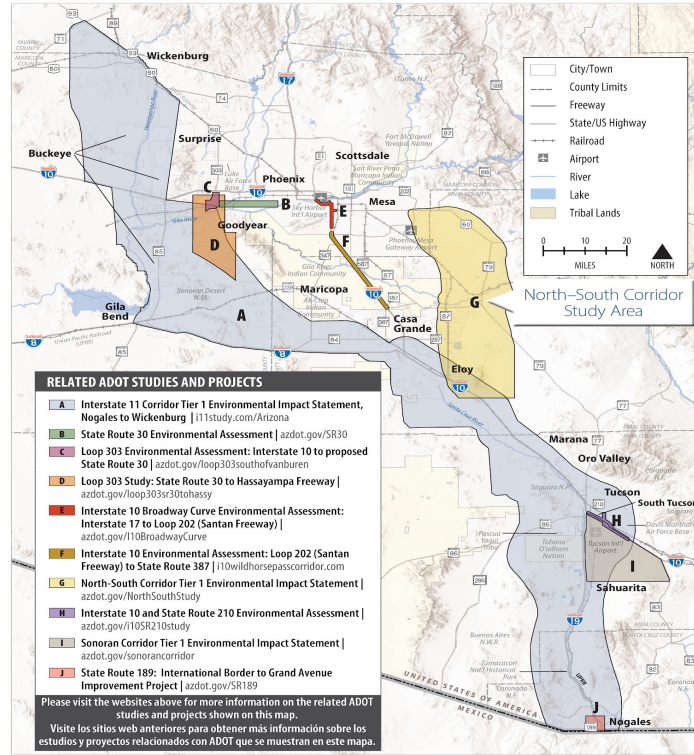
# Corridor Profile Study

- The CPS studies on the strategic Corridors (I-10, I-8, I-19, I-17, I-40)
- Studies on the State Route are upcoming





# RELATED ADOT STUDIES AND PROJECTS



# Project Development Process

Planning  
Studies  
Identify Need

Tier 1  
Programmatic  
Study (3  
years)

Tier 2  
Project  
Specific  
NEPA Study  
(2 years)

Funding  
(Varies)

Project  
Design  
(1-2 years)

Right-Of-Way  
Acquisition  
(1-2 years)

Construction  
(About 2 yrs)

# 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.



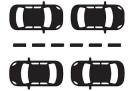
### Population and Employment Growth

Consistent with state, regional, and municipal planning initiatives, the proposed corridor would accommodate anticipated growth in the study area and across the larger region.



### 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.



### 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.



### Integrate the region's transportation network

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

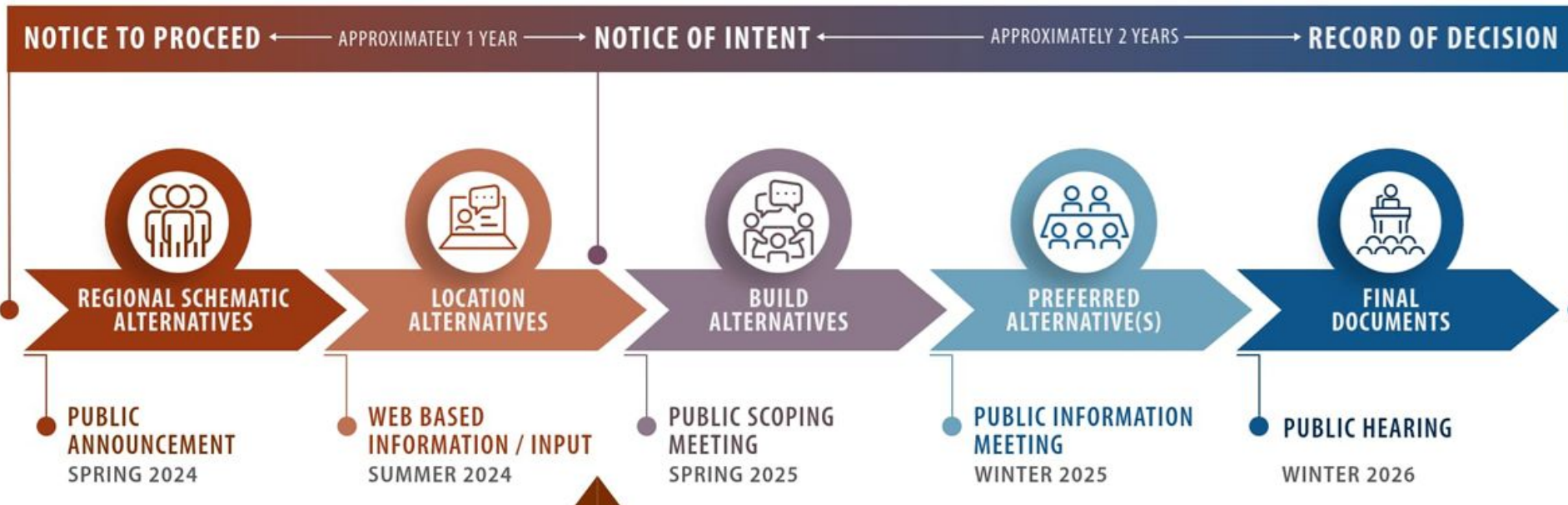


# Alternatives Analysis

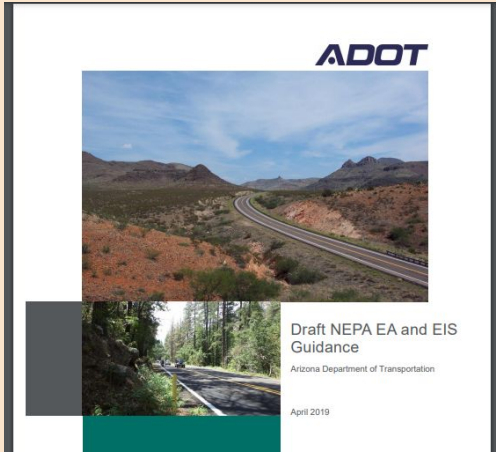
- Environmental Resources
- Avoidance Areas
- Design guidelines (interstate)
- Proposed Alternatives



# Outreach and Coordination

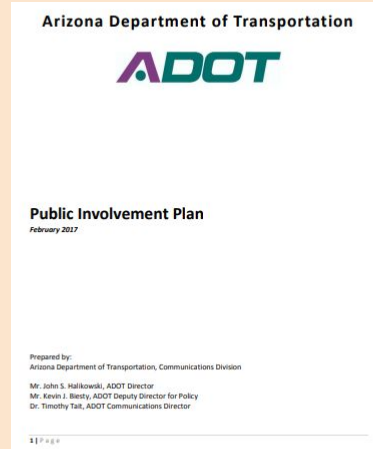


# Corridor Planning Collaboration



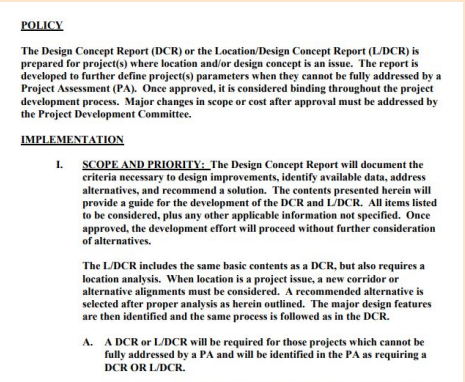
## Environmental Planning Guidance

<https://azdot.gov/sites/default/files/media/2021/01/ea-EIS-guidance.pdf>



## Public Involvement Plan

<https://azdot.gov/sites/default/files/2019/05/adot-public-involvement-plan.pdf>



## Scoping Guidelines:

<https://apps.azdot.gov/files/Roadway-Engineering/pre-design/adot-policy-project-assessments-and-design-concept-reports.pdf>



**Questions?**