PROJECT DELIVERY ACADEMY

MODULE 1: Planning and Programming

MPD CORRIDOR PLANNING

Presented by:

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ADOT Multimodal Planning Division

Corridor Planning Manager

ADOT

Overview:

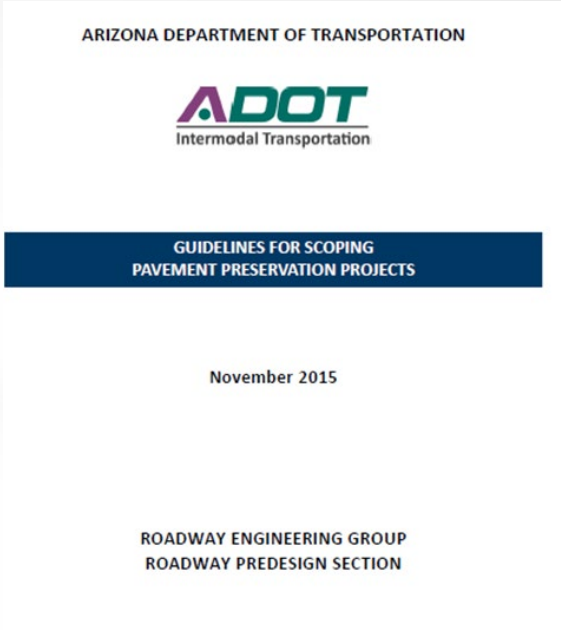
- Planning Level Scoping (PLS)
- Corridor Planning Studies and Environmental Review Process

ADOT

Planning Level Scoping (Scoping prior to Programming)

Scoping Pavement Preservation Projects

Goal: Establish consistent approach of work items to be addressed within project termini


ARIZONA DEPARTMENT OF TRANSPORTATION

ADOT
Intermodal Transportation

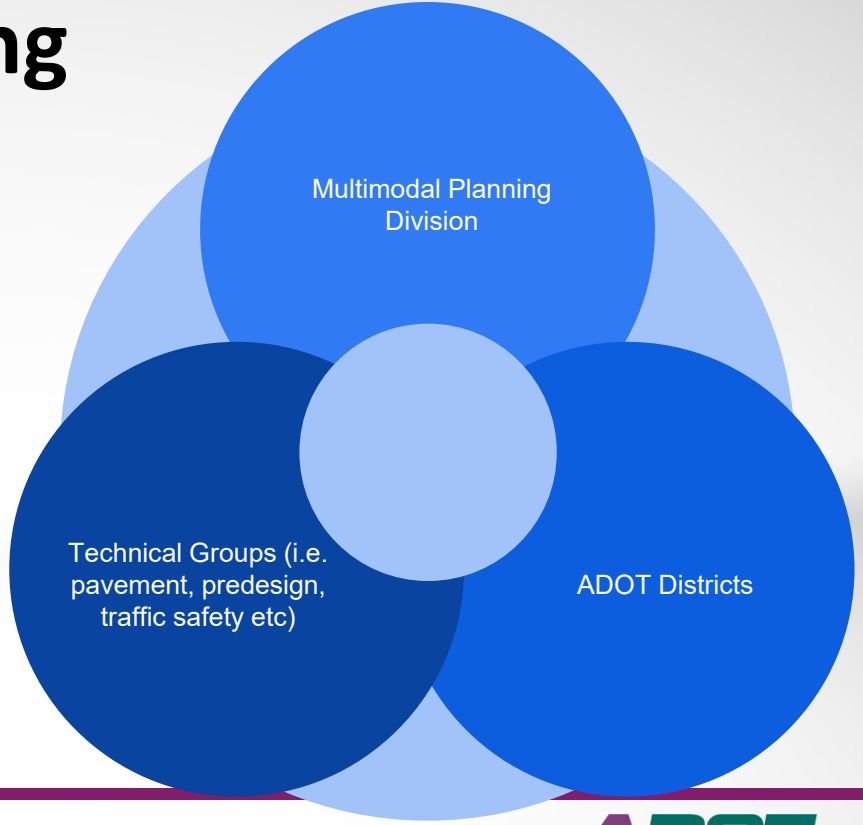
GUIDELINES FOR SCOPING
PAVEMENT PRESERVATION PROJECTS

November 2015

ROADWAY ENGINEERING GROUP
ROADWAY PREDESIGN SECTION

Planning Level Scoping

Holistic approach to develop scopes of work on pavement preservation projects at the planning stage



checklist tabular (1).xlsx - Microsoft Excel

PLANNING LEVEL SCOPING FOR PAVEMENT PRESERVATION PROJECTS

Project Manager:		ADOT MPD Corridor Planning Group		Contact Info:	
Date Initiated		Completion Date			

Project Name:	S of Buckeye to SW of Buckeye	Type of Work:	Pavement Preservation	Functional Classification:	Principal Arterial (Classification Maps)
		County:	Maricopa	Terrain:	Level
Route:	SR 85	District:	Southwest	Urban:	Rural:X
Project Limits:	MP 142.00 - MP 149.11	NHS System:	Yes: X No:	Project Elevation:	815 feet

Project Map

Project information | COST ESTIMATE | Project Background | MPD Data Group | Pavement Design and Geotech | Traffic Safety | Roadway Items | ADA | Roadway Drainage | Traffic D

Ready

11:19 AM 6/28/2020

Conclusion: Planning Level Scoping

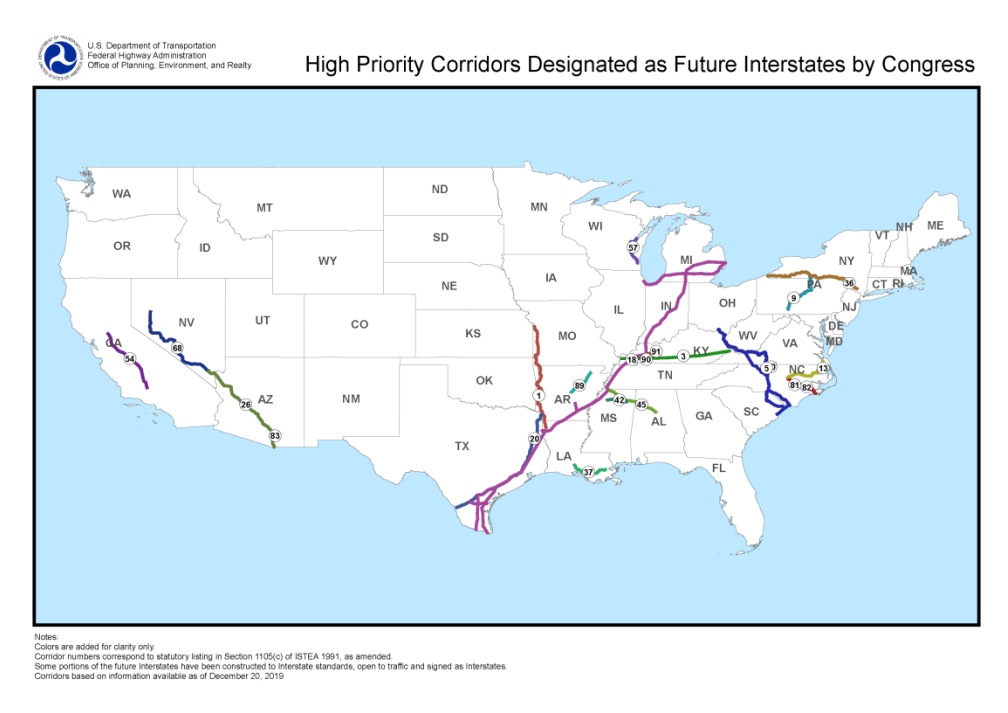
- Planning level scoping completed ahead of programming
- Project construction placed in year 3 of program
- Project Management Group advances projects through final design

Corridor Planning Studies

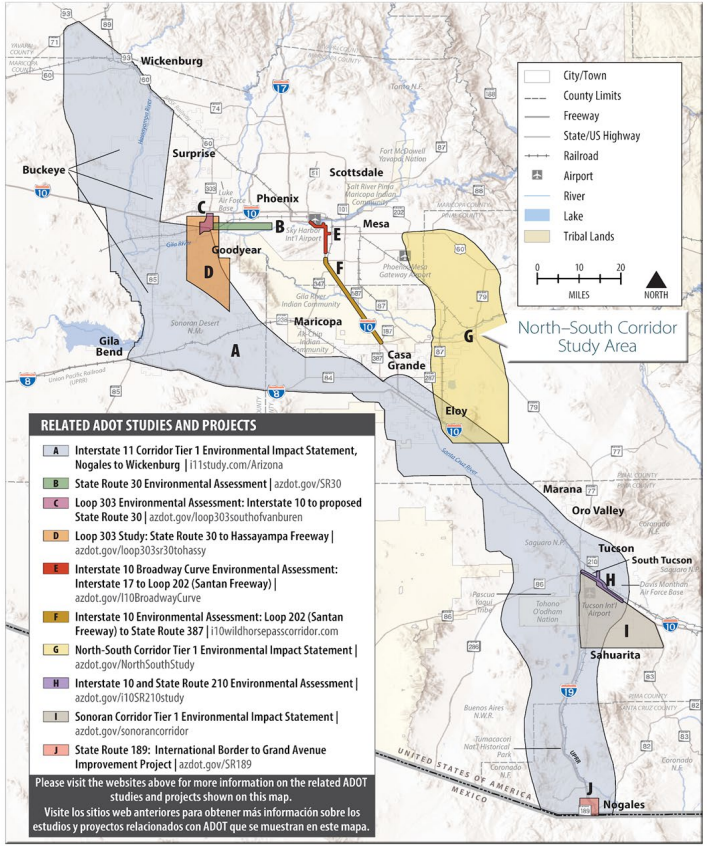
- Overview (Future Interstate Corridors)
- Environmental Review Process
- Coordination and Collaboration
- Outcomes

Future Interstate Corridors

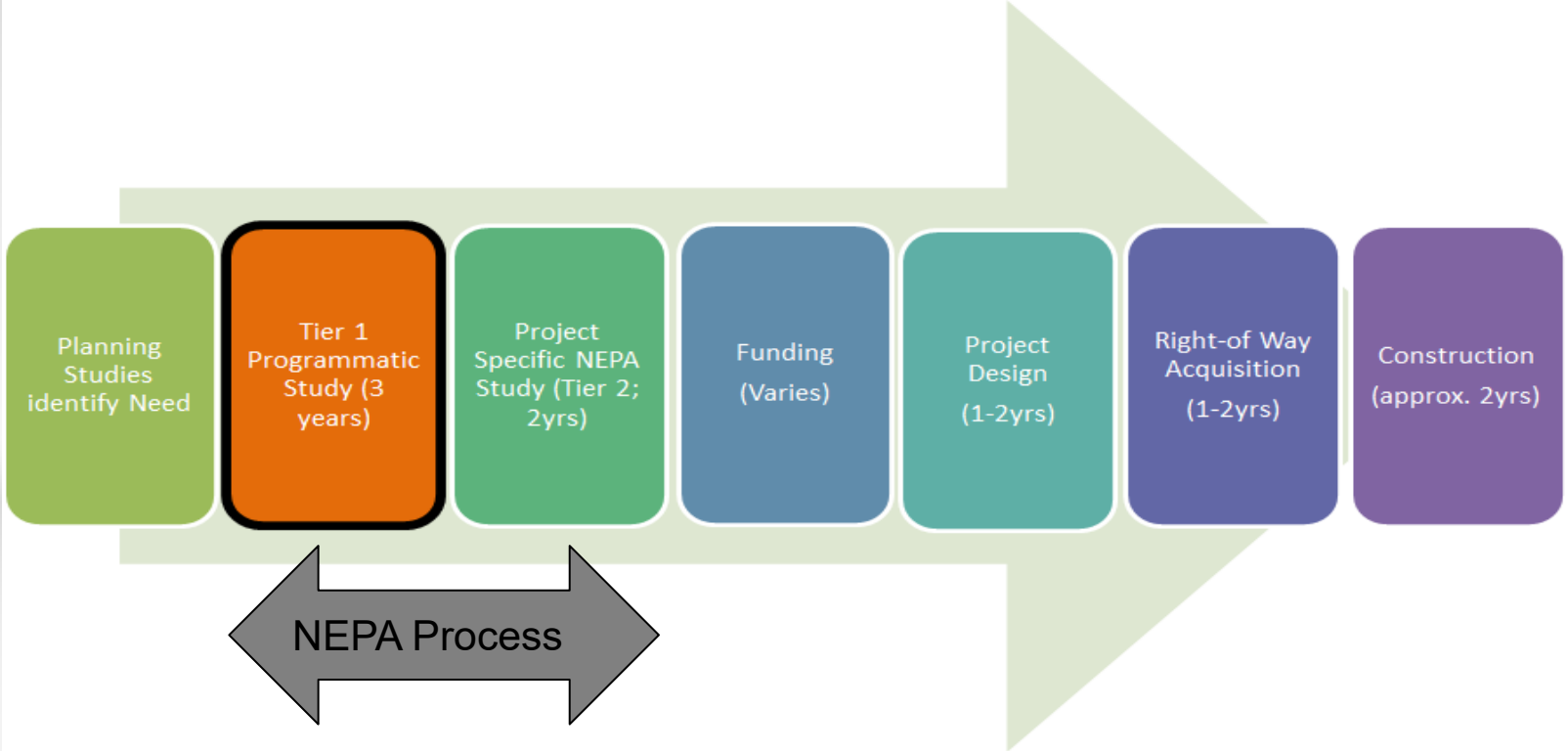
- Corridor 26: I-11 (AZ to Nevada)
- Corridor 83: Sonoran Corridor (I-19 to I-10)



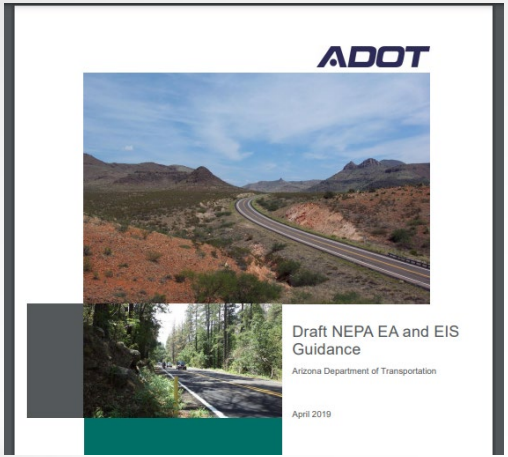
RELATED ADOT STUDIES AND PROJECTS

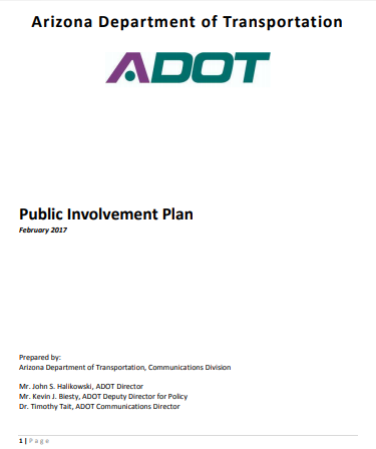


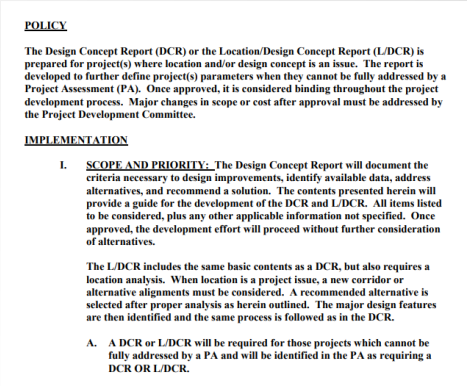
Project Development Process



Corridor Planning Collaboration







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 considered binding throughout the project development process. Major changes in scope or cost after approval must be addressed by the Project Development Committee.

IMPLEMENTATION

I. 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 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 L/DCR 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.

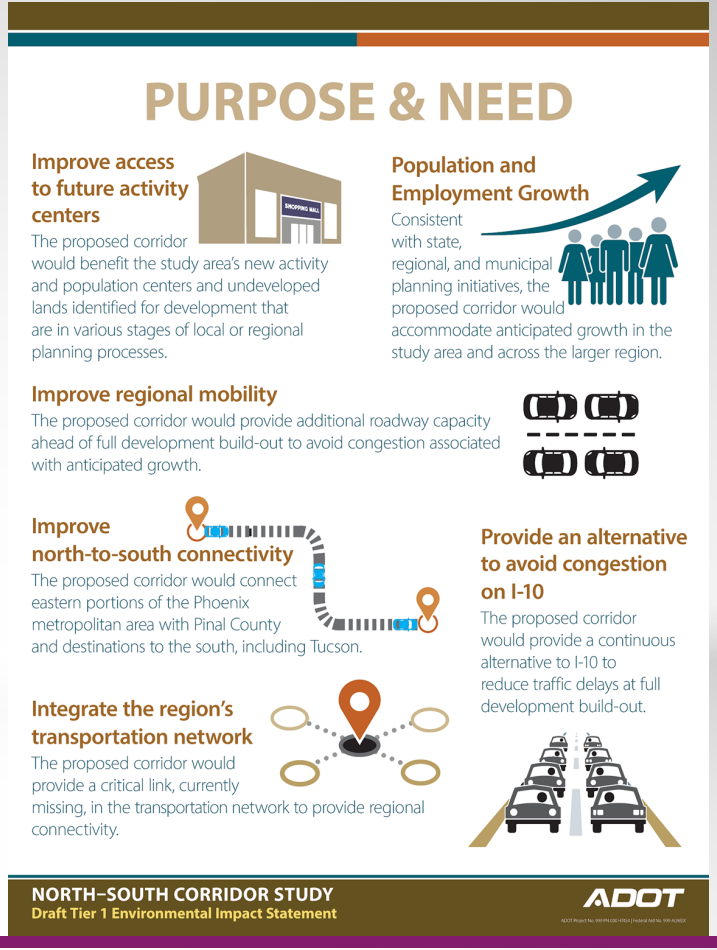
Environmental Planning Guidance
https://azdot.gov/sites/default/files/media/2021/01/ea-EIS-guidance.pdf

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/predesign/adot-policy-project-assessments-and-design-concept-reports.pdf

Purpose & Need

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



Alternatives Analysis

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

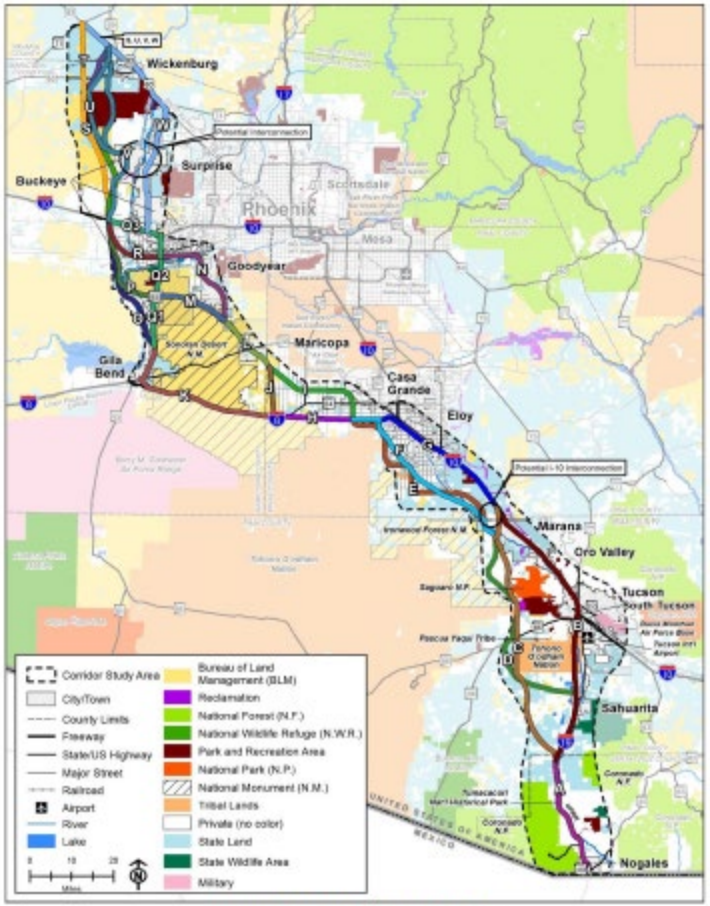
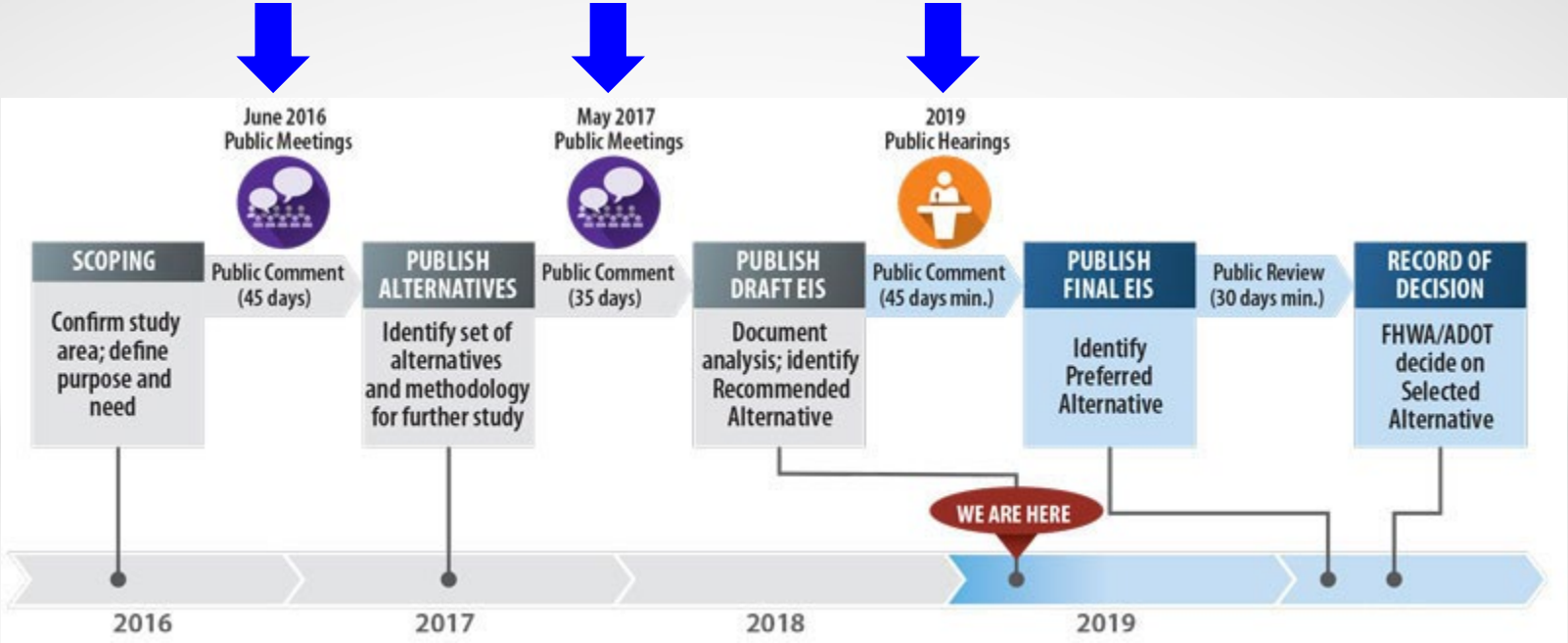


Figure 3-3 I-11 Corridor Options

Outreach and Coordination



Outcomes

- Corridor Improvement Plan Developed
  - Implementation plan/strategies
  - Identify Funding Needs
  - Long Range Plan Coordination

ADOT

QUESTIONS?