

# **State Transportation Improvement Program and Five Year Transportation Facilities Construction Program**

## **Overview Presentation**

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Multimodal Planning Division**

# Learning Objectives

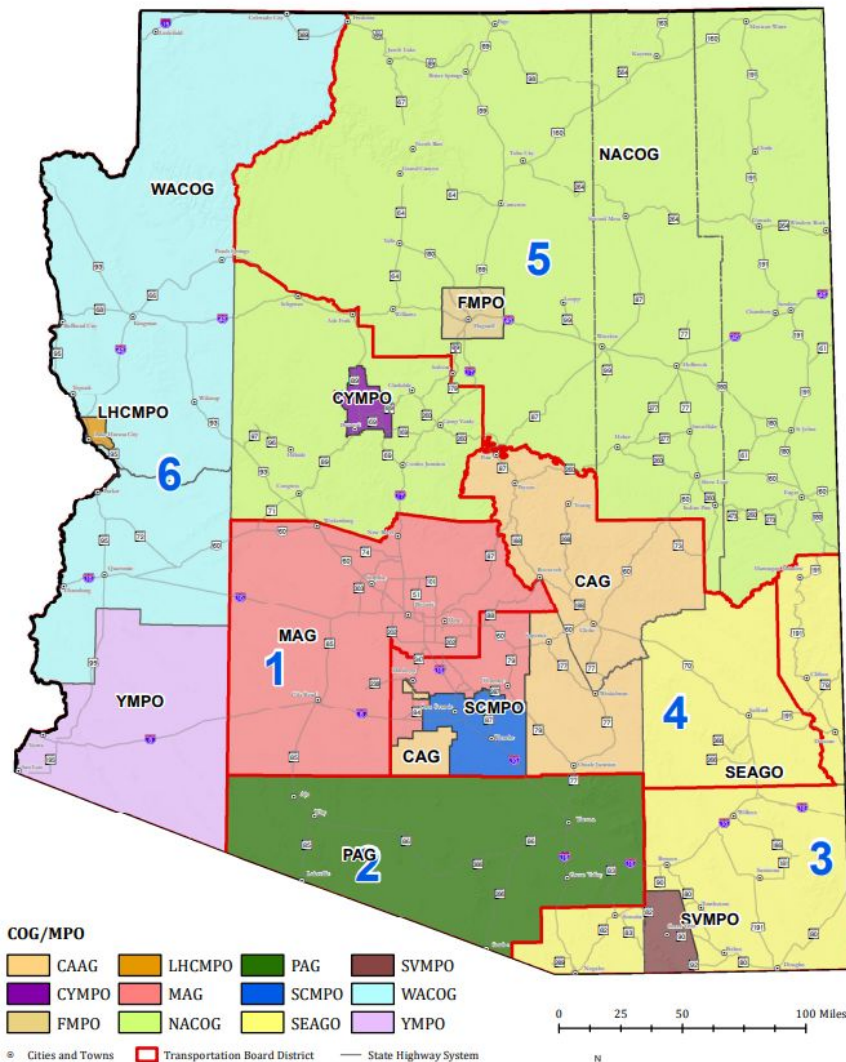
- Recognize the difference between the STIP and ADOT's 5-year construction program
- Understand the process for developing the 5-year construction program and the participants involved
- Understand the differences between "line items" and "subprograms" in the 5-year construction program
- Know the process to amend the 5-year construction program and regional TIPs

# State Transportation Improvement Program (STIP)

- Includes 13 TIPs (ADOT and 12 COGs/MPOs) - Bullhead City MPO will to be added when they adopt their first TIP
- 4 year term
- Requirement to use of federal funds
- Consultation and Cooperation
- All projects regardless of ROW ownership or funding source
- Development governed by 23 CFR 450.218
- Fiscally constrained
- State Fiscal Year basis (7/1 - 6/30)
- Approved by FHWA and/or FTA

# Arizona COGs and MPOs

- Council of Governments (COG):
  - a *voluntary* regional body comprising several counties with a total contiguously urbanized population of less than 50,000
  - regional transportation planning, collaboration, and decision making
- Metropolitan Planning Organization (MPO):
  - a governmental entity *required* in urban areas with population greater than 50,000
  - Responsible for a comprehensive regional transportation planning process
- Currently 12 COGs/MPOs based on 2010 Census
- New from 2020 Census - Bullhead City MPO



## *Air Quality Conformity*

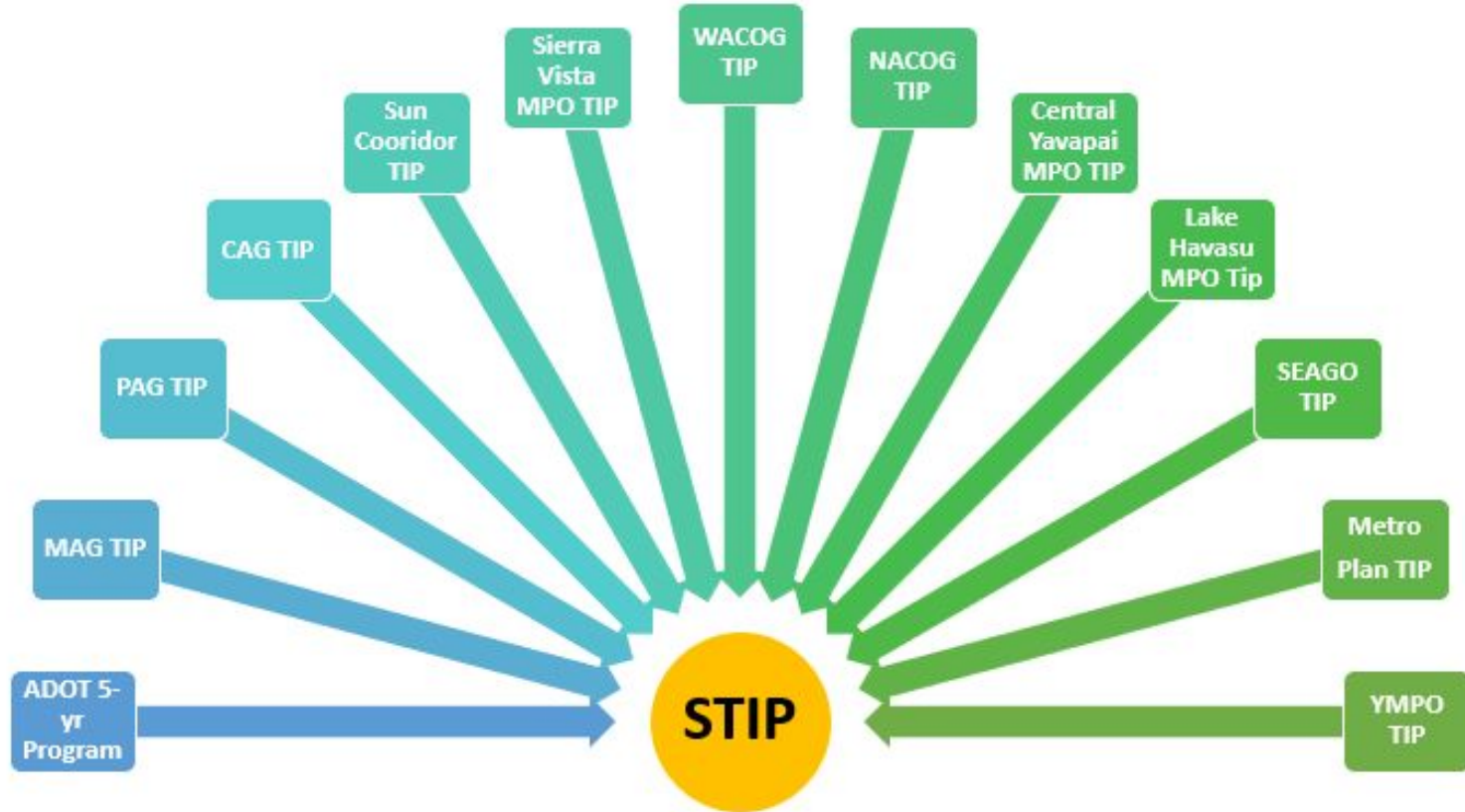
Non-attainment  
areas:

- MAG
- PAG
- SCMPO
- YMPO
- Gila County
- Pinal County
- Hayden
- Miami
- Nogales
- Douglas

Project Types:

- New lane miles
- Widenings

# Arizona STIP



# STIP Contents and Amendments

## *Project listings:*

- Project name, location and type of work
- All project phases
- Funding for each phase
- Year of each phase
- Project map

## *Amendments Required for changes in:*

- Scope
- Schedule
- Budget
- COGs/MPOs may have varying processes



# eSTIP - <https://estip.azdot.gov/>

← → ↻ [estip.azdot.gov](https://estip.azdot.gov/)

🔍 📄 ☆ 📱 (L) Update



**eSTIP Projects**

Amendments

Advanced Search

Projects by County

Interactive Map

Information

## State Transportation Improvement Program (STIP)

ADOT ID  County  Lead Agency  Project Type  Federal Year  Route  [Reset](#)

983 transportation project(s)

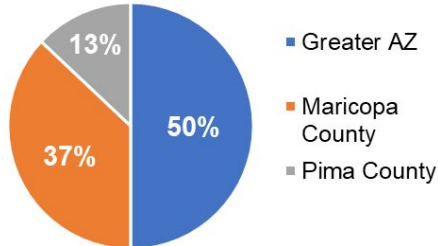
[Export to Excel](#)

ADOT ID	Region	County	Lead Agency	Title	Project Type	Funds	Fed Yr	Total Cost
101684	MAG	Maricopa	ADOT	I 10: 443rd Ave - Wintersburg Rd	Road - Rehabilitation	Federal	2023, Prior	\$27,416,000
100195	NACOG	Apache	ADOT	Window Rock TI OP EB/WB & Lupton TI OP EB/WB	Bridge - Rehab	Federal	2023, 2025, Prior	\$5,486,000
103133	NACOG	Apache	ADOT	SR 61 - Wildcat Creek	Road - Rehabilitation	Federal	2023, 2025	\$18,792,000
103136	SVMPO	Cochise	ADOT	Hatfield Street to Industry Drive	Road - Rehabilitation	Federal	2023, 2025	\$10,192,000
103138	PAG	Pima	ADOT	Tracy - Bia 132	Road - Rehabilitation	Federal	2023, 2025	\$15,231,000
100202	WACOG	La Paz	ADOT	Centennial Wash Bridge	Bridge - Replace	Federal	2024, Prior	\$11,796,000
102473	WACOG	La Paz	ADOT	E. of Vicksburg Rd to Jct SR 72	Road - Rehabilitation	Federal	2024, Prior	\$5,560,162

# ADOT 5-yr Program

- 5-year term
- ADOT's Transportation Improvement Plan (TIP)
- Projects on ADOT ROW and local projects funded from 5-yr program
- Subprograms for projects/costs yet to be determined
- State Requirement (ARS §28-6951 et seq.)
- State Transportation Board Policies #19 - #21
- State Fiscal Year basis (7/1 - 6/30)
- Approved by the State Transportation Board (STB)
- Allocates available highway funding across three regions:
  - Greater AZ - 50%; programmed by Board on ADOT routes outside of MAG/PAG, including local projects awarded from ADOT competitive programs (HSIP, OSB, TA)
  - Maricopa County - 37%; programmed by MAG on ADOT routes
  - Pima County - 13%; programmed by PAG on ADOT routes

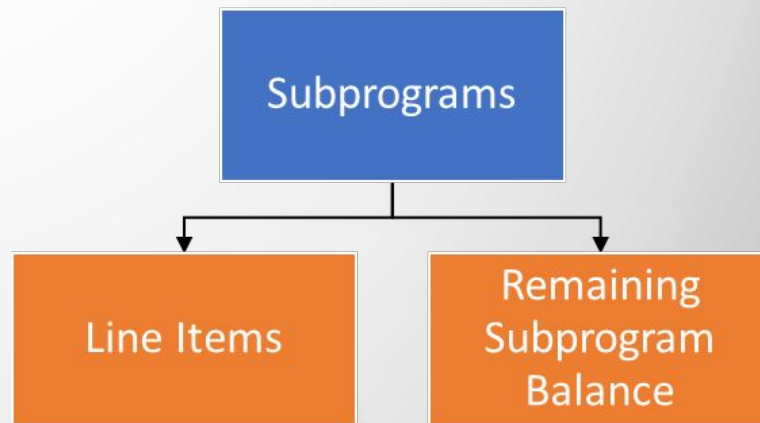
% Funding by Region





# 5-Year Program Budget

- Budget and plan
- **Budget expires annually on June 30!**
- Subprograms are the foundation:
  - All line items are funded from subprograms
  - Line items are *generally* approved as PRB only.
  - Subprogram balances in program are remaining funding after line items have been approved and funded.
  - Subprogram managers are responsible for their own mini program.
  - **Any subprogram funds remaining at end of April will be used for other purposes.**



**FY 25 Subprogram Manager training**

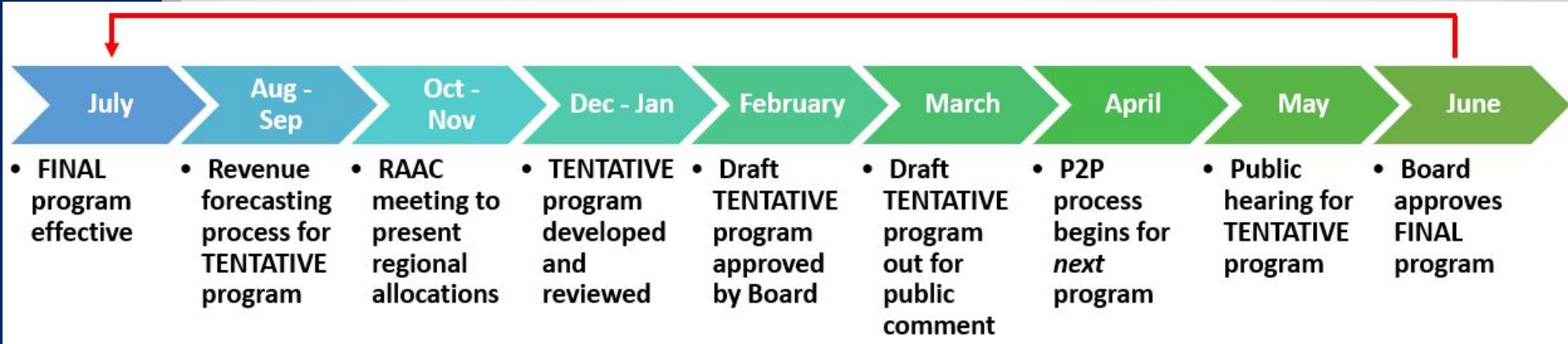
Monday, July 15, 24 from 2:30 – 4:00 pm

Google Meet: [meet.google.com/eym-wxks-iyh](https://meet.google.com/eym-wxks-iyh)

# Participants and Roles

- Multimodal Planning Division (MPD) Programming - develops the program
- MPD Planning - creates the LRTP and coordinates P2P process
- State Engineer's Office - provides guidance and direction
- Financial Management Service (FMS) - forecasts available revenue
- District Engineers - identify and score projects
- Statewide Project Management Group (PMG) - designs and constructs projects listed in Statewide section
- COGs/MPOs -
- State Transportation Board - reviews and approves tentative and final programs
- Project Review Board (PRB) - change management process
- Priority Planning Advisory Committee (PPAC) - reviews and approves program for Board consideration; change management process

# ADOT 5-yr Program Development Process



# How projects get into 5-yr Program

Multiple routes:

- Arizona legislative appropriations
- Congressionally Directed Spending
- New project from an ADOT Subprogram
- Competitively awarded subprograms (HSIP, Transportation Alternatives, Off-system Bridge)
- AZ SMART awards
- Federal discretionary grant awards
- P2P process (pavement, bridge, modernization and expansion only)

## Preservation 78%

### Preservation:

- Surface seal
- Thin overlay
- Deck joint
- Deck overlay

### Rehabilitation:

- Minor mill and fill
- Major overlays or resurfacing
- Substructure retrofit

### Reconstruction:

- Major rehab at end of service life
- Structurally deficient bridge reconstruction
- Bridge replace/rehab not due to functional obsolescence

**Goal:** Manage assets to reduce life cycle costs, set and manage preservation targets, and ensure safe, reliable operation of the transportation system.

## Modernization 15%

### Preservation:

- Widen existing lanes or shoulders
- Reconfigure Intersection or interchange
- Address functional obsolescence
- Traffic control and management
- Safety, bike lane, or ITS improvements
- Rockfall or storm water mitigation

**Goal:** Improve safety and reliability, reduce congestion, improve economic vitality and increase multimodal usage.

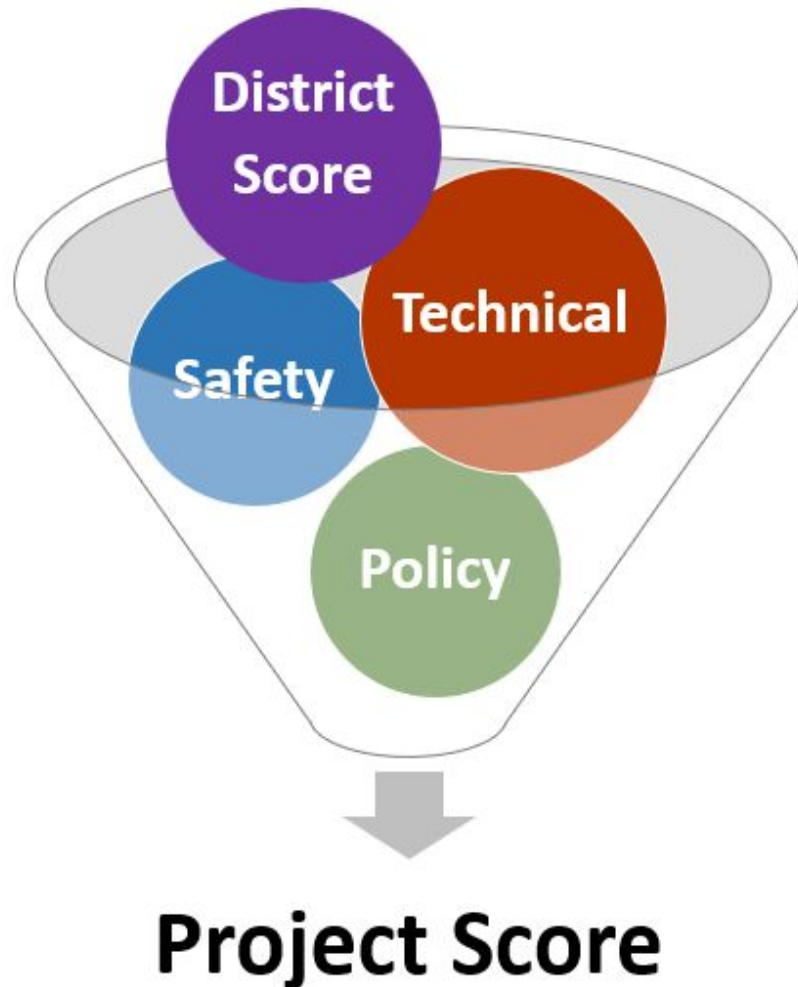
## Expansion 7%

- New routes
- New lanes
- New intersection or interchange
- Intersection or interchange capacity enhancement

**Goal:** Provide capacity to improve mobility, reduce congestion, and support economic productivity.

# LRTP Investment Types

## Representative P2P Work Types



# Project Scoring and Prioritization

- **Technical Score:** Based on prioritization by ADOT Technical Groups, study document identifying the project, or MPD expansion project evaluation process.
- **Policy Score:** Derived from planning-level criteria including freight flow, corridor significance and local funding contributions.
- **Safety Score:** Based on weighted Level of Safety Service (LOSS) values identified in statewide database utilizing AASHTO Safety Analyst tool.
- **District Score:** Based on ADOT District Engineers' prioritization of projects and supported by a scoring evaluation of each project.



# 5-yr Program Line items

<b>eSTIP ID</b>	104413	<b>County</b>	La Paz	<b>Local ID</b>	
<b>Project Name</b>	CA Border - Dome Rock Road	<b>Description</b>	Pavement rehabilitation	<b>Board District</b>	6
<b>Route</b>	I 10	<b>Lead Agency</b>	ADOT	<b>Engineering</b>	SW
<b>Project Limits</b>	I 10 from CA Border to Dome Rock Road milepost 0 to 11 (11 mile)	<b>COG/MPO</b>	WACOG	<b>District</b>	
				<b>Contact</b>	Alyssa Young 480-932-9468

Phase	Fund Source	Prior	FY2025	FY2026	FY2027	FY2028	FY2029	Future	Total
DESIGN	State 100%	\$690,000	-	-	-	-	-	-	\$690,000
	<b>Total DESIGN</b>	\$690,000	-	-	-	-	-	-	\$690,000
CON	NHPP	-	-	-	-	\$35,886,344	-	-	\$35,886,344
CON	State Match	-	-	-	-	\$2,153,029	-	-	\$2,153,029
	<b>Total Construction</b>	-	-	-	-	\$38,039,373	-	-	\$38,039,373
	<b>Total Programmed</b>	\$690,000	-	-	-	\$38,039,373	-	-	\$38,729,373



## Version History

TIP Document	MPO Approval	State Approval	FHWA Approval	FTA Approval
24-18 Amendment 2024-2028	05/17/2024	05/21/2024	05/29/2024	N/A
25-00 Adoption 2025-2029	Pending	Pending	Pending	N/A

## Current Change Reason

SCHEDULE / FUNDING / SCOPE - Other cost change described below

## Funding Change(s):

Total project cost stays the same \$38,729,373

- Generally numbered as 1XXXXX
- Specific *projects* - name, description, route, county, MP, etc.
- Year of authorization for each phase
- Amount and funds for each phase
- Map of location
- Version History
- Usually requires PRB only approval to initiate
- Changes in scope, schedule or budget may require PPAC and Board approval

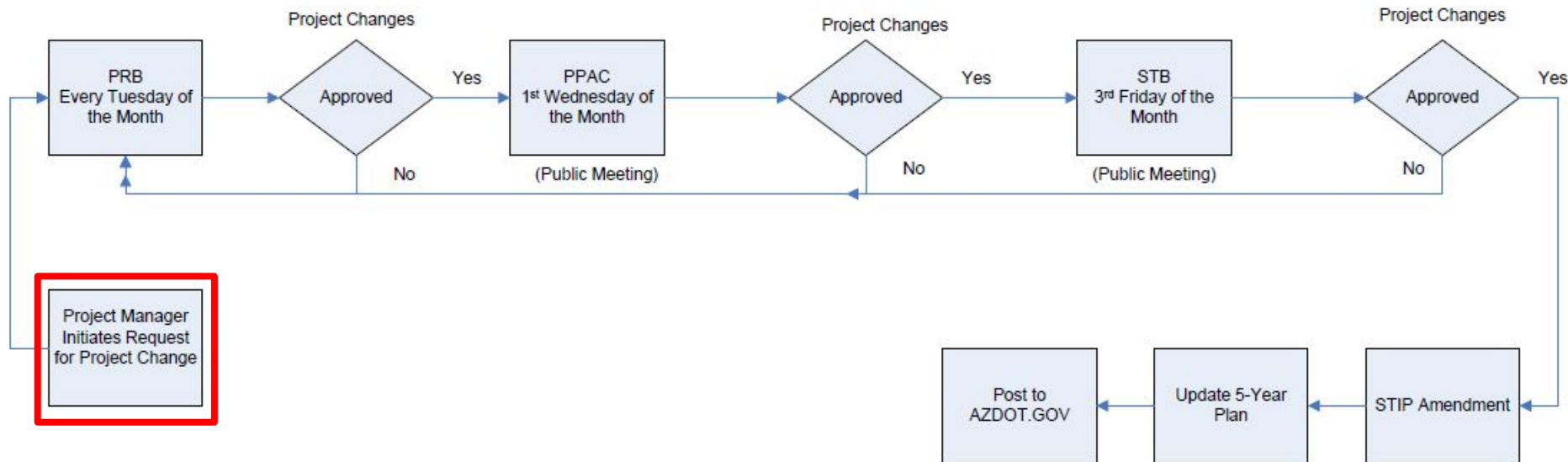
See the entire 2025-29 Five Year Program at [https://azdot.gov/sites/default/files/2024-06/2025-29-FINAL-PROGRAM-ONLINE\\_3.pdf](https://azdot.gov/sites/default/files/2024-06/2025-29-FINAL-PROGRAM-ONLINE_3.pdf)

# Amending Projects in 5-year Program

- Weekly Project Review Board (PRB) technical meeting to consider changes
- Monthly Priority Planning Advisory Committee (PPAC) meeting
- Monthly Board meeting
- TIP amendment
- FHWA review and approval

## FY 25 Deadlines:

- 4/29/25 - Final PRB
- 5/7/25 - Final PPAC
- 5/16/25 - Final Board meeting



# 5-yr Program Subprograms

- Numbered as 7XX
- Begin on pg 158 in 2025-29 Program
- Funding for yet to be identified needs
- Each is for a specific purpose or program
- Each has a manager responsible for identifying, funding, and tracking their projects
- New projects usually require PRB, PPAC and Board approval
- May also require MAG approval if in Maricopa County
- Competitive programs may require additional steps/approvals

## FY 25 Subprogram Manager training

Monday, July 15, 24 from 2:30 – 4:00 pm

Google Meet: [meet.google.com/eym-wxks-iyn](https://meet.google.com/eym-wxks-iyn)

## ADOT Subprograms 2025-2029

eSTIP_ID	Title	Fund Source(s)	2025	2026	2027	2028	2029
700	Statewide Engineering - Federal	Federal Aid	1,886,000	1,886,000	1,886,000	1,886,000	1,886,000
		State Match	114,000	114,000	114,000	114,000	114,000
Statewide Engineering - Federal Total			2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
701	Statewide Highway Safety	Federal Aid	2,734,179	255,693	23,594,247	57,527,715	49,601,800

# Questions?