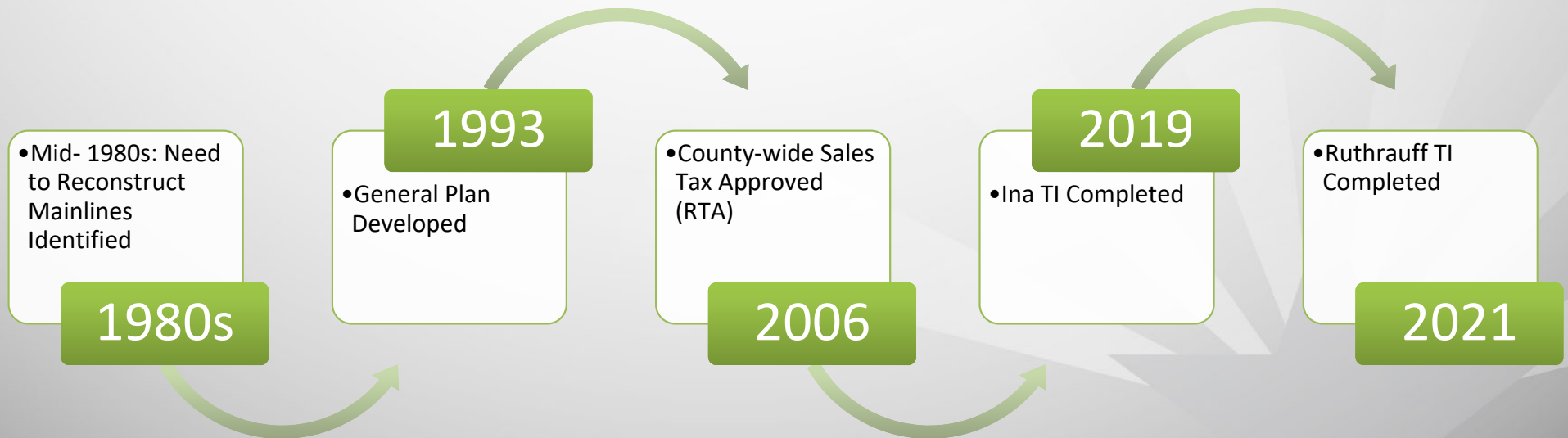


I-10: INA ROAD TRAFFIC INTERCHANGE (TI) TO RUTHRAUFF ROAD TI AND SUNSET LINKS ROAD PROJECTS IMPROVEMENTS AND RECONSTRUCTION PROJECT PRESENTATION

Presentation by:
Arizona Department of Transportation
Kimley-Horn and Associates, Inc.
August 11, 2022

Project Background

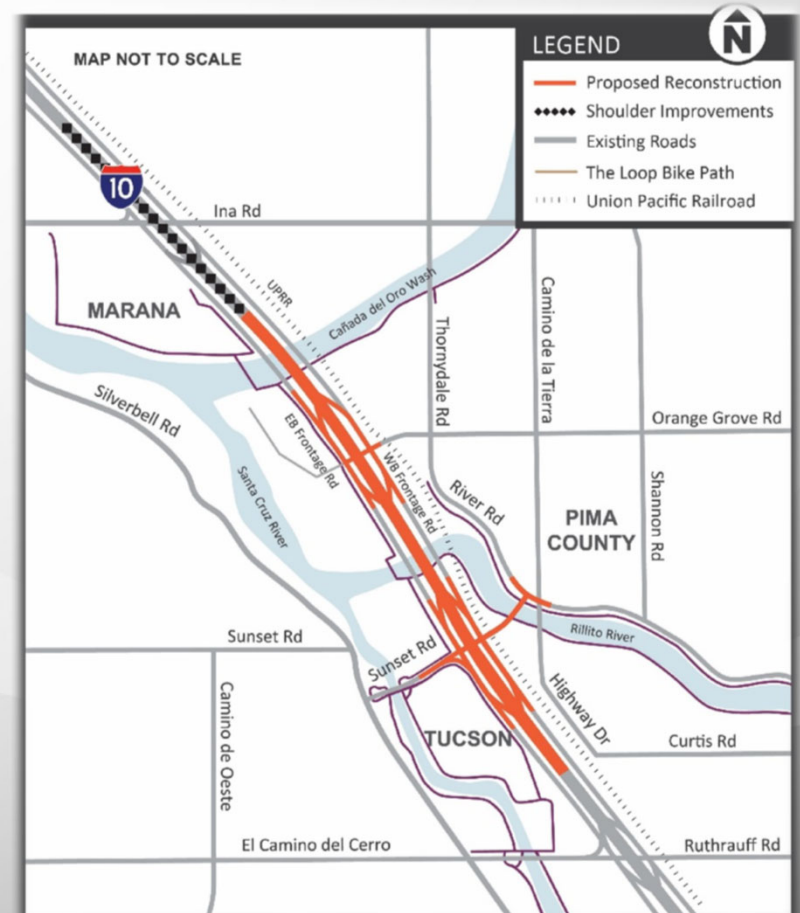


Project Purpose and Need

- Increase roadway capacity
- Improve operational efficiency and relieve congestion
- Address existing roadway deficiencies
- Reconstruct traffic interchanges and bridges to address existing deficiencies, and
- Implement components of regional transportation plan

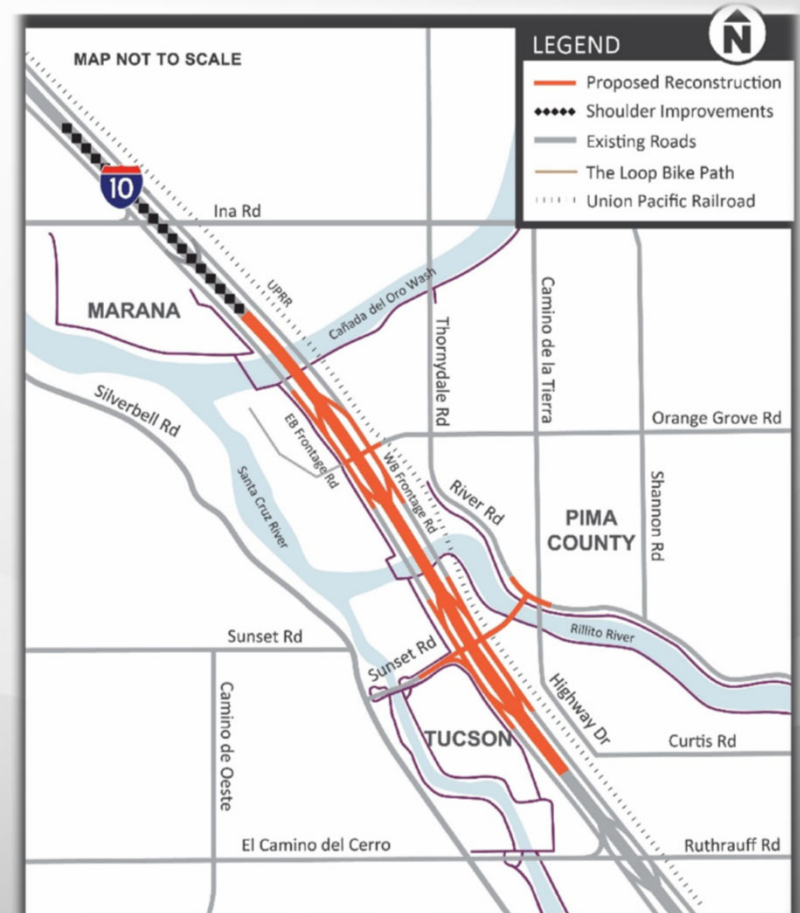
Project Overview

- Begin at MP 248.0, $\frac{3}{4}$ miles north of Ina Traffic Interchange (TI)
- End at MP 251.9, $\frac{1}{2}$ mile north of Ruthrauff Interchange
- Reconstruct and widen nearly four miles of I-10
- Three lanes in each direction to four lanes
- Add auxiliary lanes to create two-lane entrance and exit ramps
- Remove existing inside shoulder pavement and construct additional lane in each direction near the Ina Road Interchange



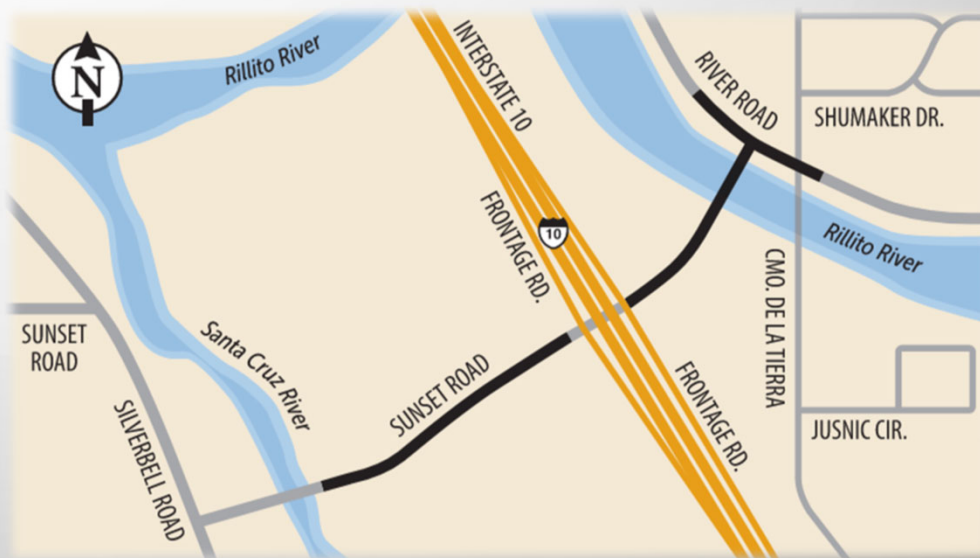
Project Overview

- Reconstruct Orange Grove Road Interchange
 - Provide adequate vertical clearance
- Reconstruct Sunset Road Interchange
 - Bring Sunset Road over I-10
 - Provide adequate vertical clearance
- Reconstruct the Cañada del Oro Wash and Rillito River bridges
- Construct retaining walls as needed
- Provide drainage, lighting, landscaping and other improvements



Sunset Links Road Project Overview

- Santa Cruz River Bridge to I-10 on the west
- I-10 to River Road on the east
- Minor widening along River Road
- New structures over UPRR and Rillito River



Construction Phasing

- Existing I-10 traffic will be moved to Frontage Roads
- Access to all businesses will be retained
- Orange Grove Road will be restricted
- Sunset Road will be closed from Silverbell Road to I-10

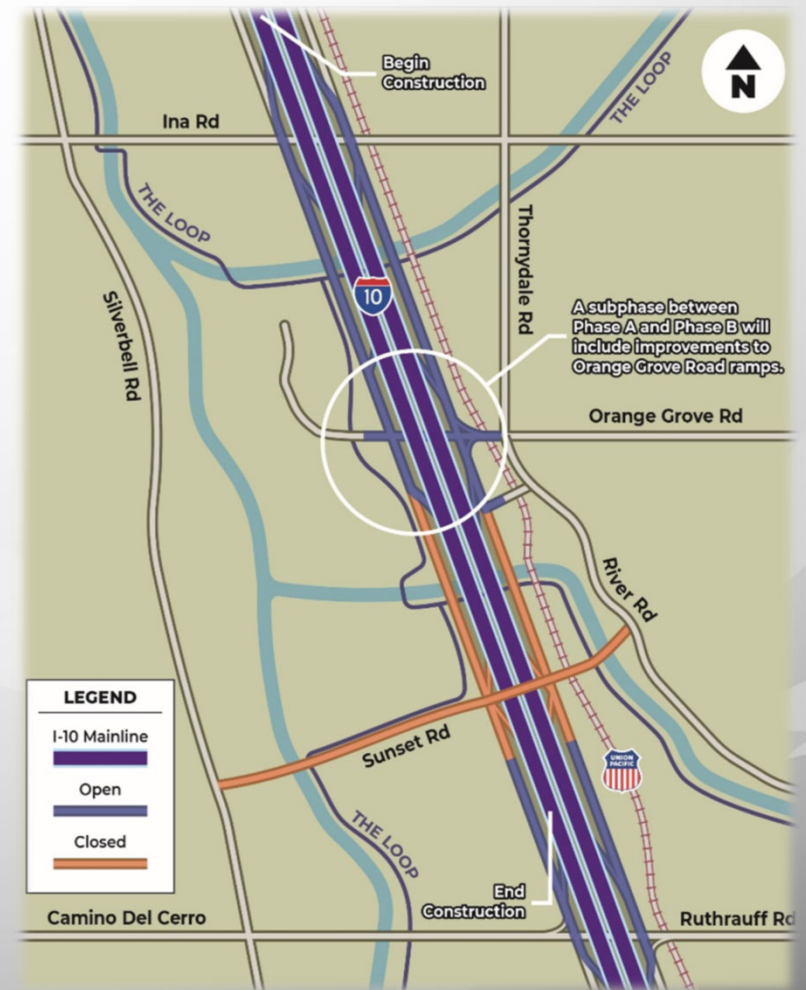
Construction Phasing

- Phase A
- Mainline traffic on the frontage roads
- Orange Grove Road will be restricted
- Sunset Road will be closed
 - from Silverbell Road to I-10
- Ina Road and Ruthrauff Road will remain open



Construction Phasing

- Phase B
- Mainline traffic on newly constructed mainline
- Orange Grove Road will be reopened
- Sunset Road will continue to be closed
- Ina Road and Ruthrauff Road will remain open
- Sunset project will be constructed during this phase

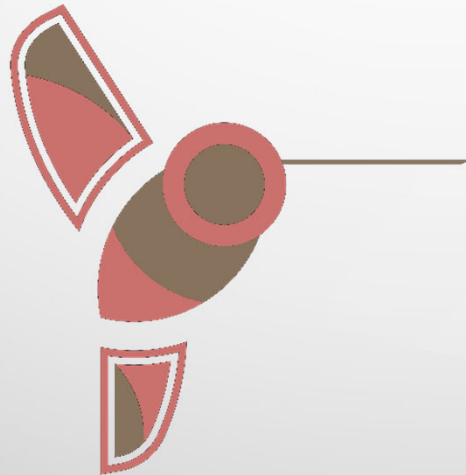


Project Incentives

- Daily Value \$36,500
- Maximum Incentive Period: 67 Days
- Total Incentives: \$2,445,500

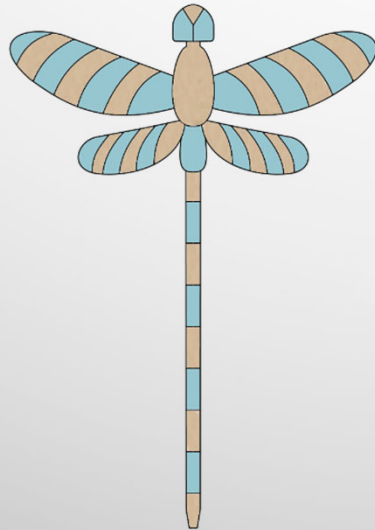
Orange Grove Interchange – Hummingbird

- Aesthetics



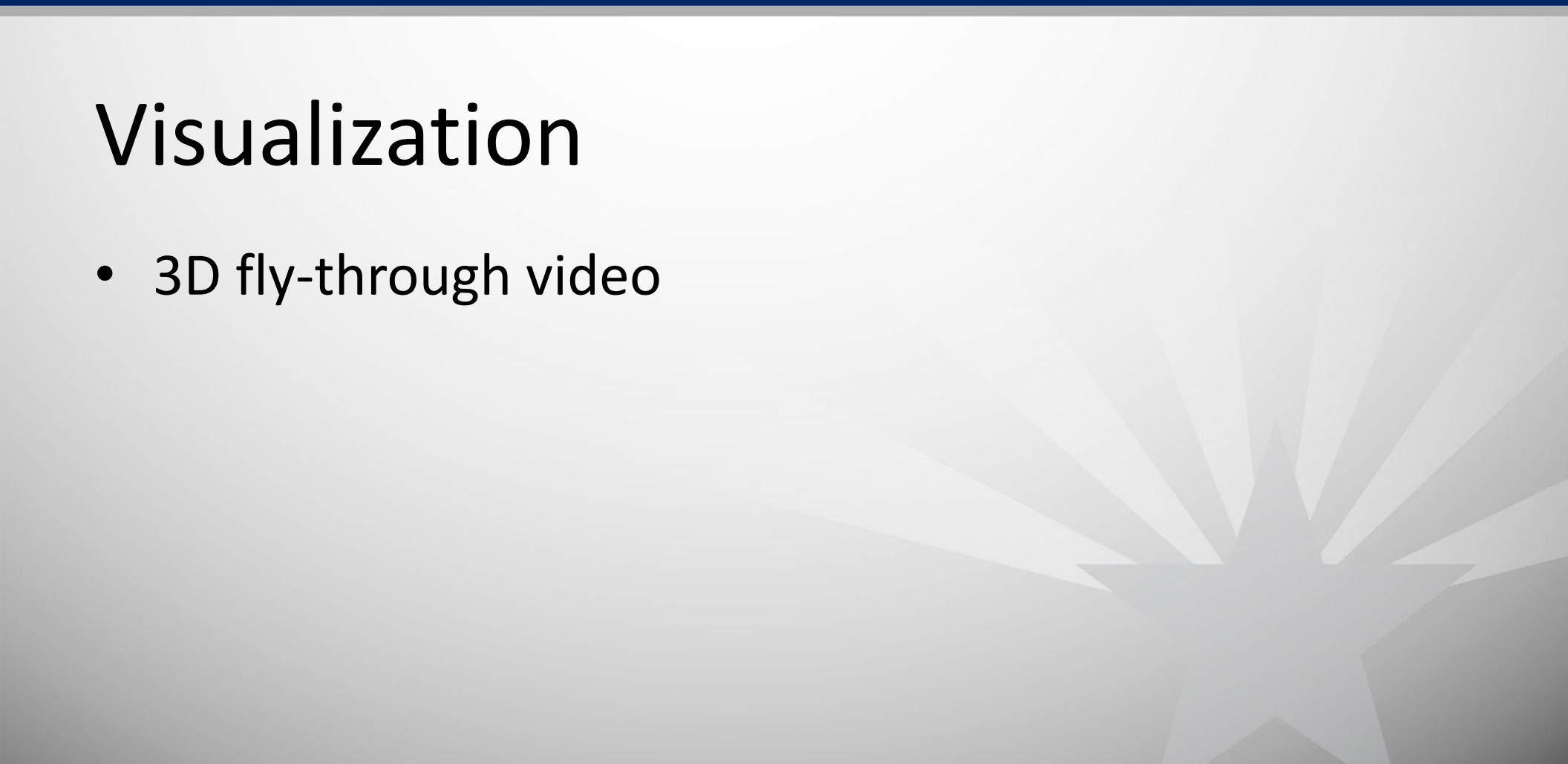
Sunset Road Interchange - Dragonfly

- Aesthetics



Visualization

- 3D fly-through video





I-10: INA ROAD TRAFFIC INTERCHANGE (TI) TO RUTHRAUFF ROAD TI PROJECT

Project No: 010 PM 247 H7583 01C
Federal No: 010-D(211)S
ROADWAY CONSTRUCTION

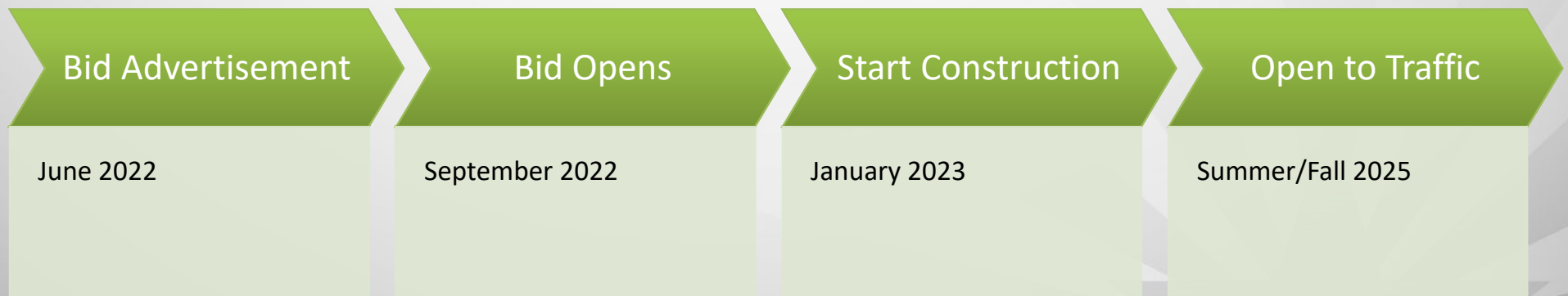
ADOT

Arizona Department
of Transportation

Project Innovations

- Increased Federal Share
- Minimize/reduce overexcavation
- Geofoam protection for HOBAS pipe
- Additional infiltration testings on washes
- Eliminate narrow pier spacings on the interior piers for both CDO and Rillito bridges

Project Schedule



Questions?