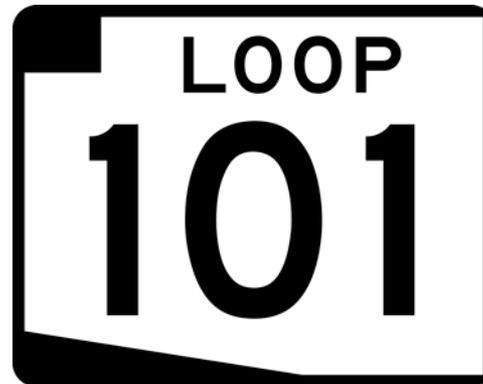


Loop 101 (Pima Freeway) Improvement Project: Interstate 17 to Pima Road



Open House
January 17, 2019
Scottsdale Airport
15000 N. Airport Dr., Scottsdale, AZ 85260

Tonight's Agenda

- ▶ 5:30 – 6 p.m. – Attendee sign-in, review displays and printed materials
- ▶ 6 p.m. - Presentation on the project and overview of project team, improvements and design/build process
- ▶ 6:30 – 7:30 p.m. – Open house continues for attendees to ask questions of project team members, get information and learn more about the project

Project History

- ▶ Loop 101 (Pima Freeway) from Interstate 17 (I-17) to Princess Drive Design Concept Report and Environmental Analysis (2014-2015)
 - Improve freeway capacity
 - Reduce future congestion
 - Implement the Regional Transportation Plan funded by Maricopa County voters with Proposition 400 (November 2004)



Design Concept Report - 2014

- ▶ Identified project goals
- ▶ Evaluated existing conditions
- ▶ Identified and evaluated alternatives
- ▶ Recommended Preferred Alternative
- ▶ Solicited and documented public input
- ▶ Identified cost estimates, project funding and schedule

Environmental Analysis - 2014

- ▶ A document that is prepared to comply with the National Environmental Policy Act, or NEPA, which includes:
 - Discussion of the need for and purpose of the project
 - Evaluation of alternatives
 - The environmental impacts of the project and associated mitigation measures
 - Coordination with agencies and the public
- ▶ The environmental analysis for this project was documented with a Categorical Exclusion (CE).
 - A CE is only produced for projects that do not have any significant impacts environmentally or socioeconomically.

Project Area



Design/Build Delivery Method

- ▶ Overlaps design and construction phases that are traditionally done consecutively
- ▶ Design and construction performed by a single team, under one contract
- ▶ Time saved because ordering of materials and site work begin before the final design is complete
- ▶ Greater potential to save time and reduce costs

Project Team

- ▶ Design-Builder:
Coffman Ames Joint Venture
- ▶ Duration:
February 2019 –
early 2021
- ▶ Construction Cost:
\$185 million



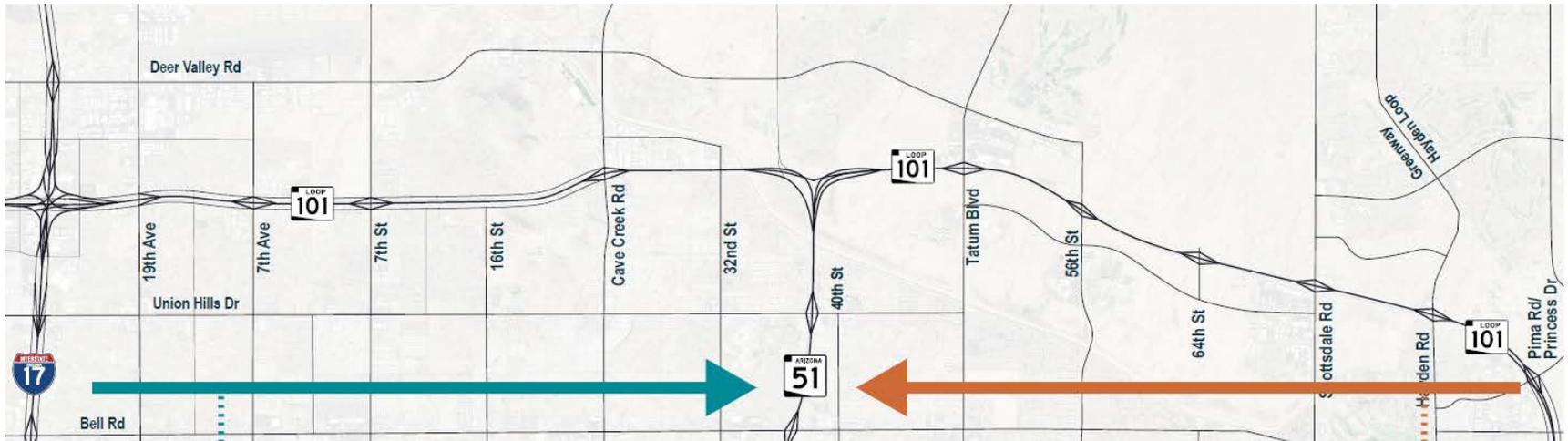
Coffman Ames Joint Venture
in association with T.Y. Lin International and AECOM

Improvements

- ▶ Adding one general purpose lane in each direction between I-17 and Pima Road
- ▶ Adding an auxiliary lane in each direction between Seventh Street and Cave Creek Road
- ▶ Constructing a new freeway overpass at the future Miller Road alignment
- ▶ Modifying freeway ramps and frontage road connections at 11 interchanges
- ▶ Adding or replacing noise or retaining walls where warranted, drainage improvements and rubberized asphalt

Two Segments

- ▶ Segment 1: I-17 to SR 51
- ▶ Segment 2: SR 51 to Pima Road / Princess Drive



Segment 1

Segment 2

Segment 1: I-17 to SR 51

Roadway – General Purpose Lane Widening

Eastbound	Westbound
1 Lane - I-17 to SR 51	1 Lane – SR 51 to I-17

Roadway – Auxiliary Lane Widening

Eastbound	Westbound
7th St to Cave Creek Road	Cave Creek Road to 7th Street

Bridge Widening Locations

19th Avenue	7th Street
15th Avenue	16th Street
Cave Creek Wash	Cave Creek Road

Segment 2: SR 51 to Pima Road

Roadway – General Purpose Lane Widening

Eastbound

Westbound

1 Lane - Tatum Boulevard to Pima Rd

1 Lane – Pima Rd to Tatum Boulevard

Bridge Widening Locations

32nd Street

56th Street

CAP Canal

Scottsdale Road

Low-Flow Channel

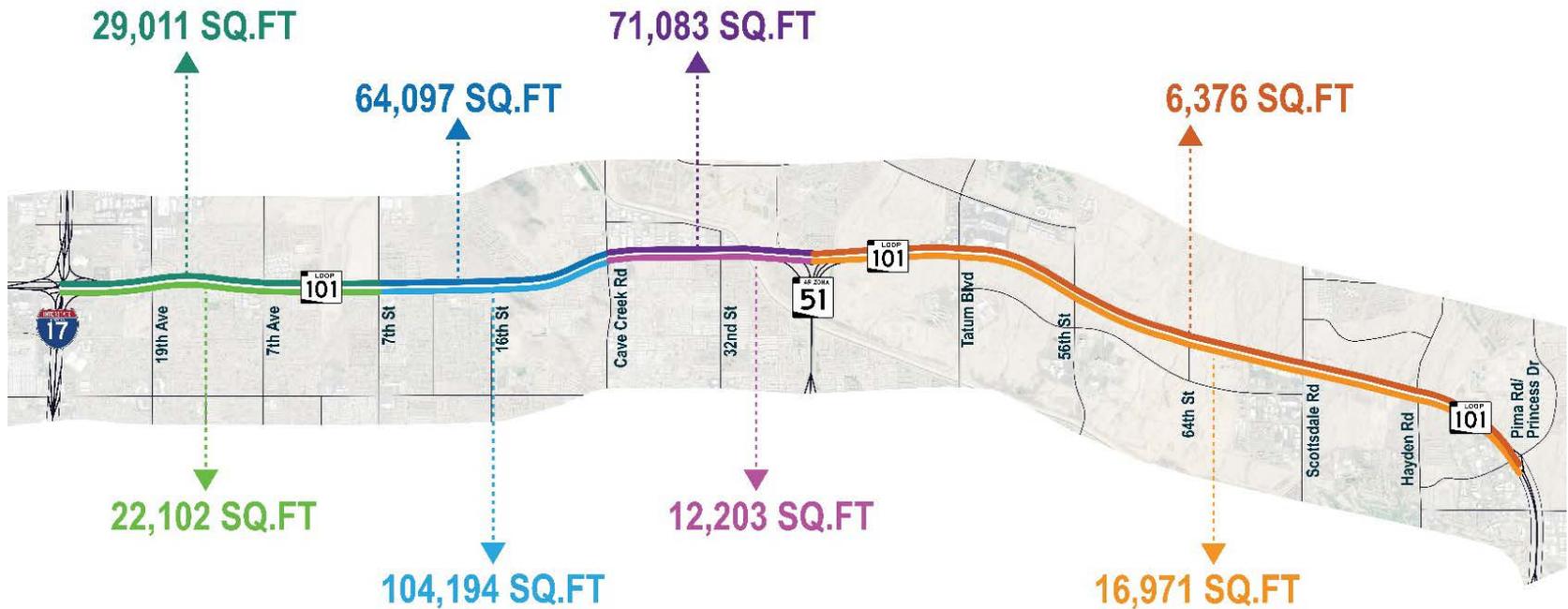
Hayden Road

Tatum Boulevard

Construction of 1 New Bridge

Future Miller Road

Retaining and Noise Walls



Segment 1

Segment 2

Construction Activities

- ▶ Initial activities will be related to setting up the construction zone throughout project corridor.
 - Installing concrete barriers and shifting traffic
 - Electronic message boards in use
 - Utility relocation
 - Sound and retaining wall construction
- Construction will begin simultaneously on both the west and east ends of the project and meet in the middle at SR 51.

Allowable Closures

- ▶ Mondays through Thursdays from 10 p.m. to 5 a.m. and weekends from 10 p.m. Fridays to 5 a.m.

Mondays

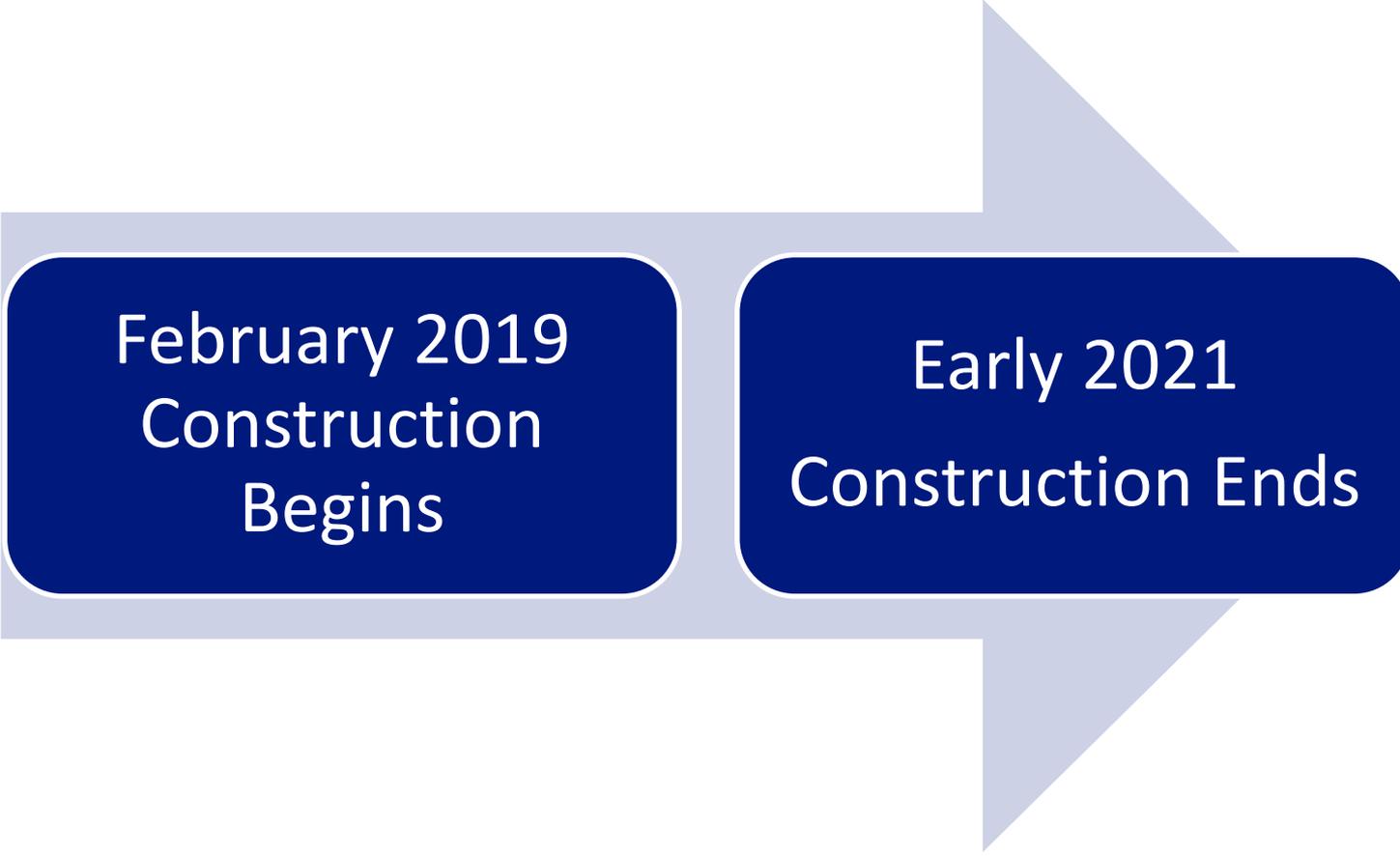
- Single lane closures
- Double lane closures
- Full closure of Loop 101 in one direction
- Full closure of crossroads in one or both directions
- Ramp closures

Closures and Special Events

▶ Special Events

- No traffic restrictions will occur during events with more than 30,000 attendees.
- 2019 events include: Barrett-Jackson, Waste Management Phoenix Open, Arabian Horse Show, Parada Del Sol, Goodguys Car Shows (spring and fall) & Cyclefest.
- Similar events will be planned for in 2020.

Schedule



February 2019
Construction
Begins

Early 2021
Construction Ends

Be in the Know

Goals:

Minimize impacts to the greatest extent possible and keep community members updated on construction

The screenshot shows the ADOT website's 'Projects' page. The 'Projects' menu item is highlighted with a red box. The sidebar on the left lists various projects, with 'Loop 101 (Pima Freeway) Improvement Project: I-17 to Pima Road' highlighted with a red box. The main content area displays the project title 'Loop 101 (Pima Freeway) Improvement Project: Interstate 17 to Pima Road' and a 'Project Overview' section. The overview text states: 'The Arizona Department of Transportation has initiated a project to widen and improve the Loop 101 (Pima Freeway) from Interstate 17 in Phoenix east to Pima Road in Scottsdale. Improvements are needed to address growing traffic demands in the northeast Valley and relieve traffic congestion on the Loop 101 during the morning and evening peak travel periods.' Major elements of the project include: adding a general purpose lane, an auxiliary lane, a new overpass structure, and modifying freeway ramps. Additional components include noise or retaining walls, drainage improvements, and pavement markings. The project is utilizing the design-build (D/B) method of delivery.

azdot.gov/Loop101Improvements

subscribe for updates 

Stay Engaged



Projects@azdot.gov

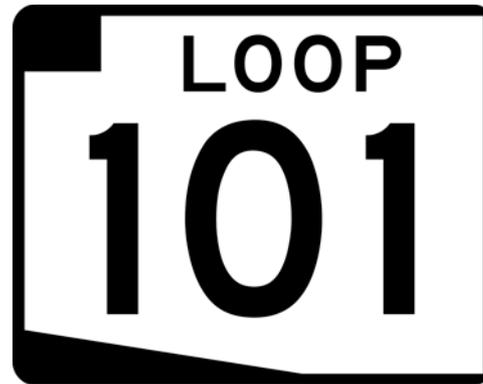


855-712-8530



1655 W. Jackson St. MD 126F
Phoenix, AZ 85007

Thank You!



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