

Loop 101, 75th Ave to I-17 Widening Project Construction

Anonymous Self-ID Survey

- While you wait, we invite you to complete a voluntary survey to help ADOT understand who attends its public meetings and how the department can improve participation.

English: tinyurl.com/y9c58nue



- Mientras espera, lo invitamos a completar una encuesta voluntaria para ayudar a ADOT a comprender quiénes asisten a sus reuniones públicas y como podrá mejorar la participación de miembros de minorías.

Español: tinyurl.com/35ru9ect



Good evening. The meeting will begin shortly.

While you wait, we invite you to complete a voluntary survey, if you have not already completed a paper survey at the check-in table. This survey helps ADOT understand who attends its public meetings and how the department can improve participation. You can scan the QR code on the screen or enter the web address into a search engine on your phone.



Loop 101, 75th Ave to I-17 Widening Project Construction

Public Information Meeting

Sept. 19, 2024

Foothills Recreation and Aquatics Center



ARIZONA DEPARTMENT OF TRANSPORTATION

Good evening and thank you for joining us at our public meeting for the Loop 101/75th Ave to I-17 Widening Project construction. My name is Kimberly Larson, Community Relations Project Manager with ADOT.

I want to make everyone aware that we have a Spanish interpreter present this evening to assist anyone who needs Spanish interpretation. I would like to introduce Salvador Trevino, who will ask if anyone needs Spanish interpretation. Salvador.

(Salvador comes to the front and asks if anyone needs assistance in Spanish).

Before we begin, I'd like to take a moment to thank the city of Glendale for hosting this meeting.

Also, we do have some elected officials in attendance this evening. I'd like to recognize them and provide an opportunity for them to say a few words.

From the city of Glendale:
Councilmember Lauren Tolmachoff
[Other Glendale electeds]

From the city of Phoenix:
Councilmember Ann O'Brien
[Phoenix electeds]

Tonight's Agenda

- Project Overview
- What to Expect, Anticipated Traffic Impacts
- Construction Timeline/Phasing
- Questions and Answers

We are here tonight to provide information on what to expect during the upcoming construction of the Loop 101 widening project between 75th Avenue and Interstate 17 (I-17), and to give you the opportunity to ask questions. We do ask that you save your questions until after the presentation.

And with that, I would like to introduce our main presenter for this evening, Sara Howard, Assistant District Engineer for ADOT's Central District.

Project Overview

- Widen Loop 101 from 75th Ave to I-17 by one lane in each direction
- Widen bridges at 51st, 35th and 31st Ave
- Widen/modify interchange ramps & frontage roads in some locations
- Improve system interchange ramp between westbound Loop 101 and northbound I-17
- 75th Ave interchange improvements
- Resurface the roadway
- Add/raise walls in some locations
- Convert lighting to LED
- New drainage systems



Thank you, Kimberly.

Let's begin with a quick overview of the project. The project will widen Loop 101 from 75th Ave to I-17 by one lane in each direction. We will be widening the bridges at 51st, 35th and 31st Avenues and reconstructing the interchange ramps to tie into the widened freeway, as well as widening some of the interchange ramps & frontage roads in some locations to improve traffic flow.

We will also be improving the system interchange ramp between WB Loop 101 and northbound I-17 and making improvements to the 75th Avenue interchange to improve traffic flow.

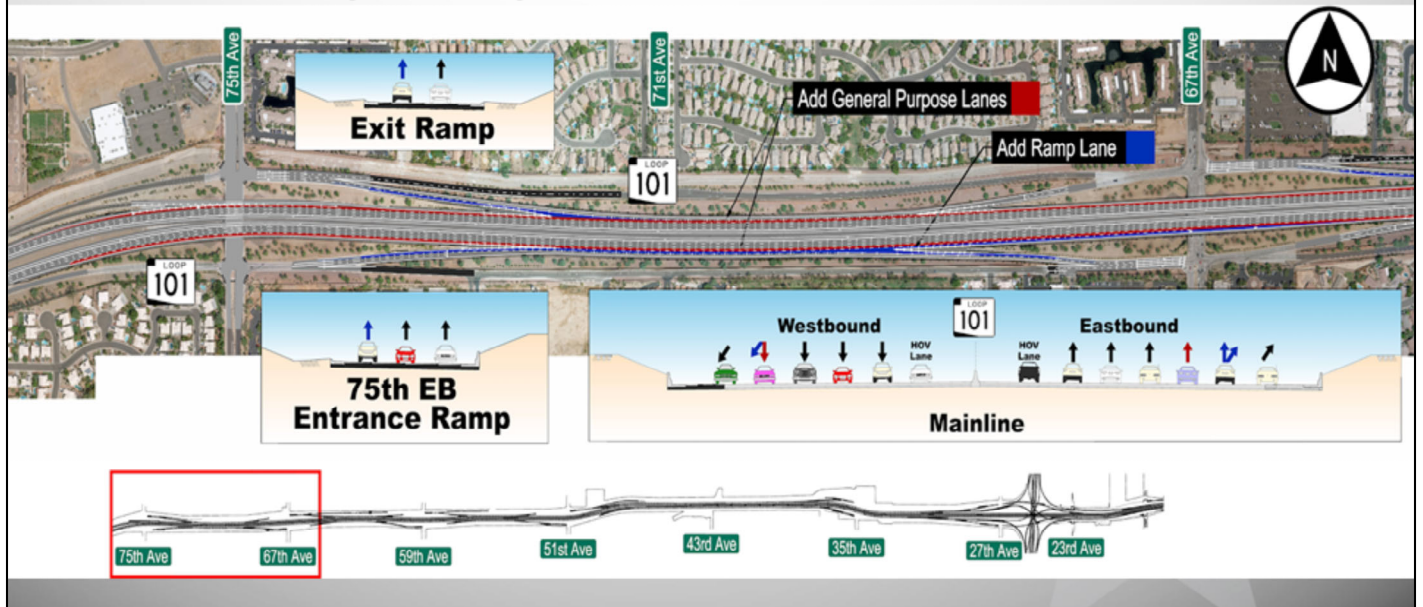
The roadway will be resurfaced, and walls will be raised or added in some locations.

Finally, the lighting will be converted to LED, and new drainage systems will be put in place.

This project is included in the Regional Transportation Plan for Maricopa County and is funded through Prop 400, a countywide dedicated half-cent sales tax for transportation improvements approved by voters in 2004.

- Add third left turn lane from southbound 75th Avenue to eastbound Loop 101
- Modify existing 75th Avenue median islands, traffic signals, signing and pavement markings
- Maintain pedestrian and bike access on existing 75th Avenue sidewalks

Loop 101 Improvements: 75th - 67th Avenue



Now I'll walk through the improvements along Loop 101 within the project limits from west to east, starting with the segment from 75th to 67th Avenue. You can see the key map along the bottom that shows where we are along the project.

The red lines show where we are adding one additional general-purpose lane in each direction, which will result in a total of 4 lanes plus the HOV lane in this area.

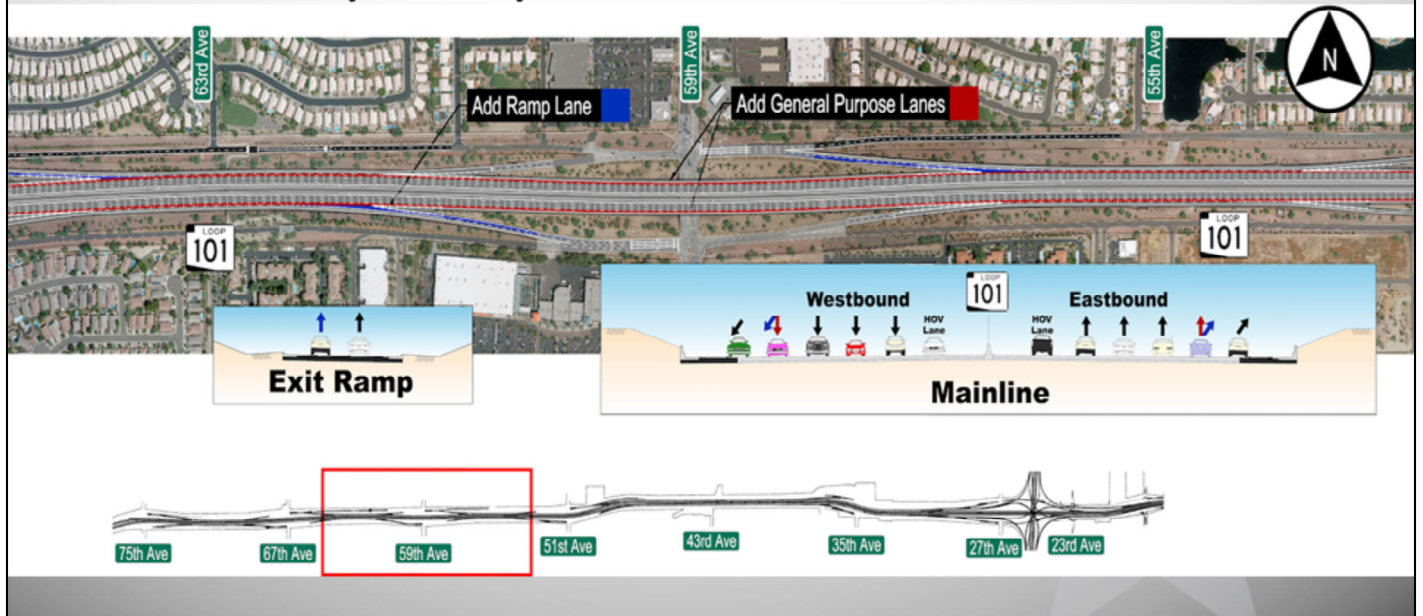
The blue lines represent where we are widening the ramps and adding a new outside lane between 75th and 67th Avenue. The outside lane on Loop 101 will be an exit only and the adjacent lane will have the option to continue through on Loop 101 or to exit. The 75th Avenue eastbound on-ramp will be widened from 2 to 3 lanes and the westbound 75th Avenue off-ramp and eastbound 67th Ave off-ramp will both be widened to 2 lanes.

Frontage road widening will occur where the exit ramps and frontage roads merge together to accommodate 2 lanes on the frontage road and 2 lanes on the exit ramps.

The driveway on the westbound frontage closest to 67th Avenue will also be closed permanently due the widening of the project.

This segment will have new retaining walls along the freeway to facilitate widening.

Loop 101 Improvements: 63rd - 55th Avenue



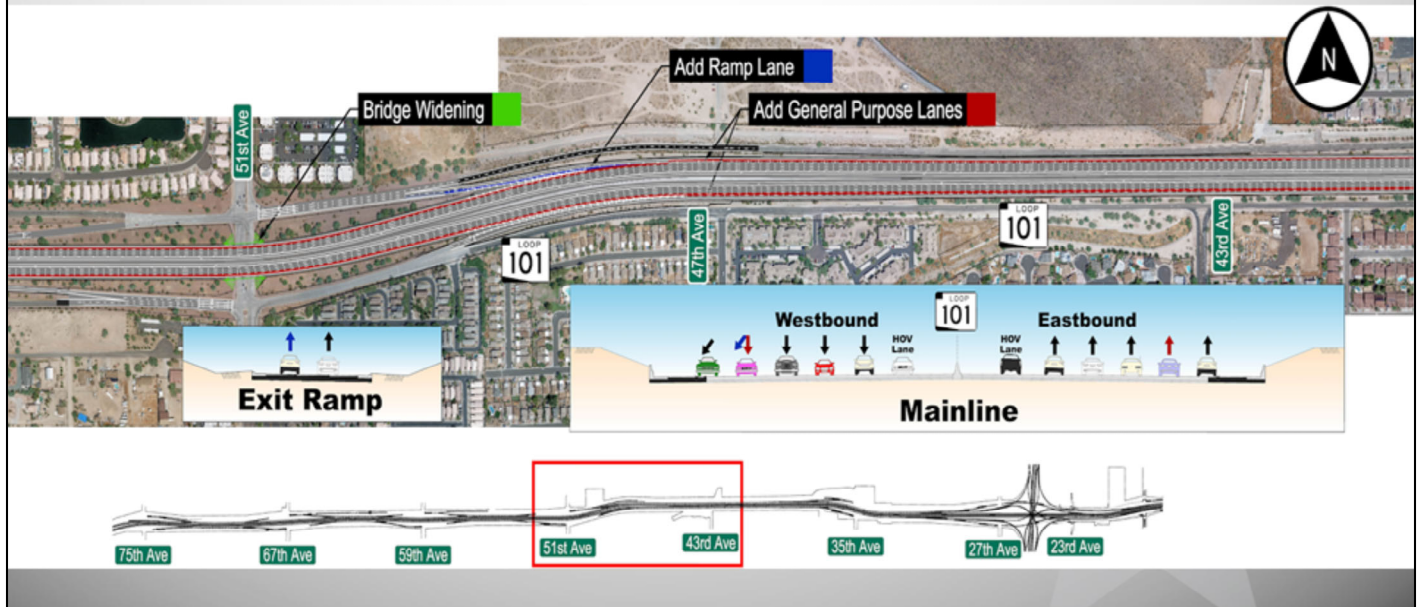
Continuing east on Loop 101 to 55th Avenue, the red area represents one additional lane in each direction for a total of 4 lanes plus an HOV lane. There is also a merge lane between the eastbound off-ramp and eastbound on-ramp at 59th Ave.

At the 59th Avenue interchange we will be widening both of the off-ramps to 2 lanes, shown in blue.

Frontage road widening will also occur in this segment where the exit ramps and frontage roads merge together to accommodate 2 lanes on the frontage road and 2 lanes on the exit ramps.

This segment will also have new retaining walls along the freeway to accommodate the widening.

Loop 101 Improvements: 51st - 43rd Avenue



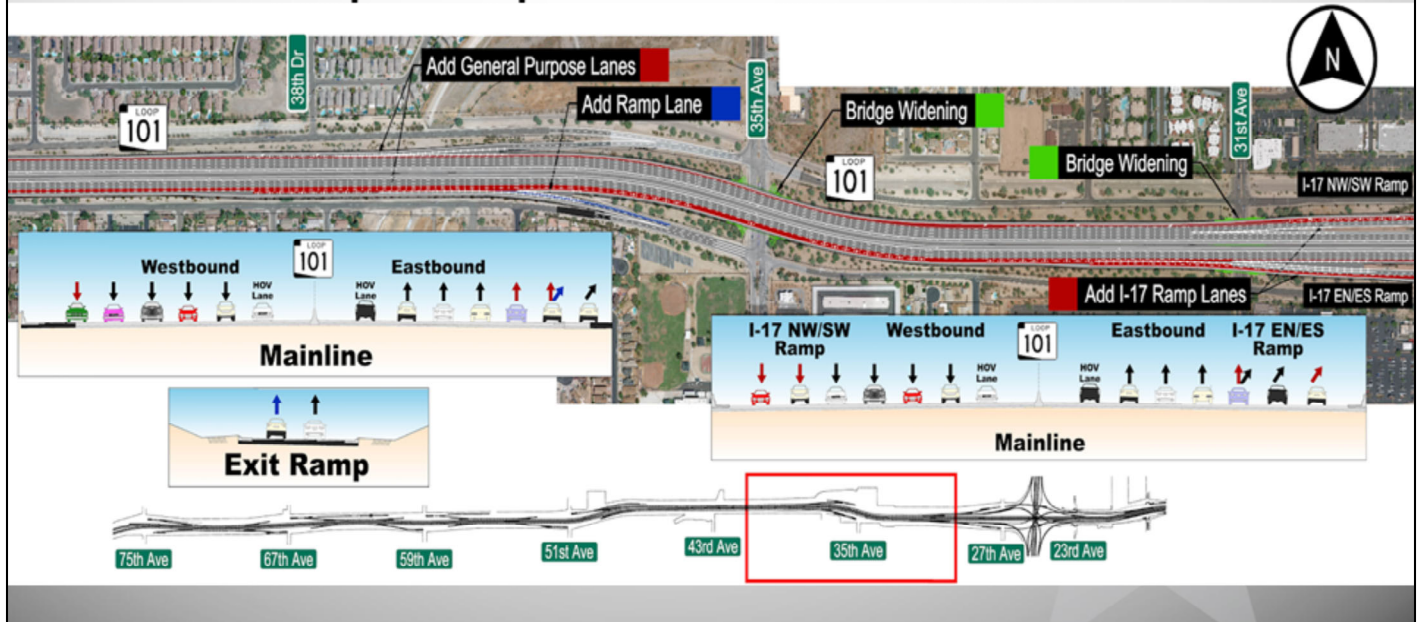
West of 51st Avenue, one additional lane will be added in each direction as shown in red, for a total of 4 lanes plus an HOV lane. East of 51st Avenue two additional lanes will be added in each direction for a total of 5 lanes plus the HOV lane.

The Loop 101 bridge over 51st Avenue will need to be widened for the new lanes, and this segment will also have new retaining walls along the freeway to facilitate widening.

The westbound 51st Avenue off-ramp will be widened to 2 lanes.

Frontage road widening will also occur where the exit ramps and frontage roads merge together.

Loop 101 Improvements: 43rd - 31st Avenue



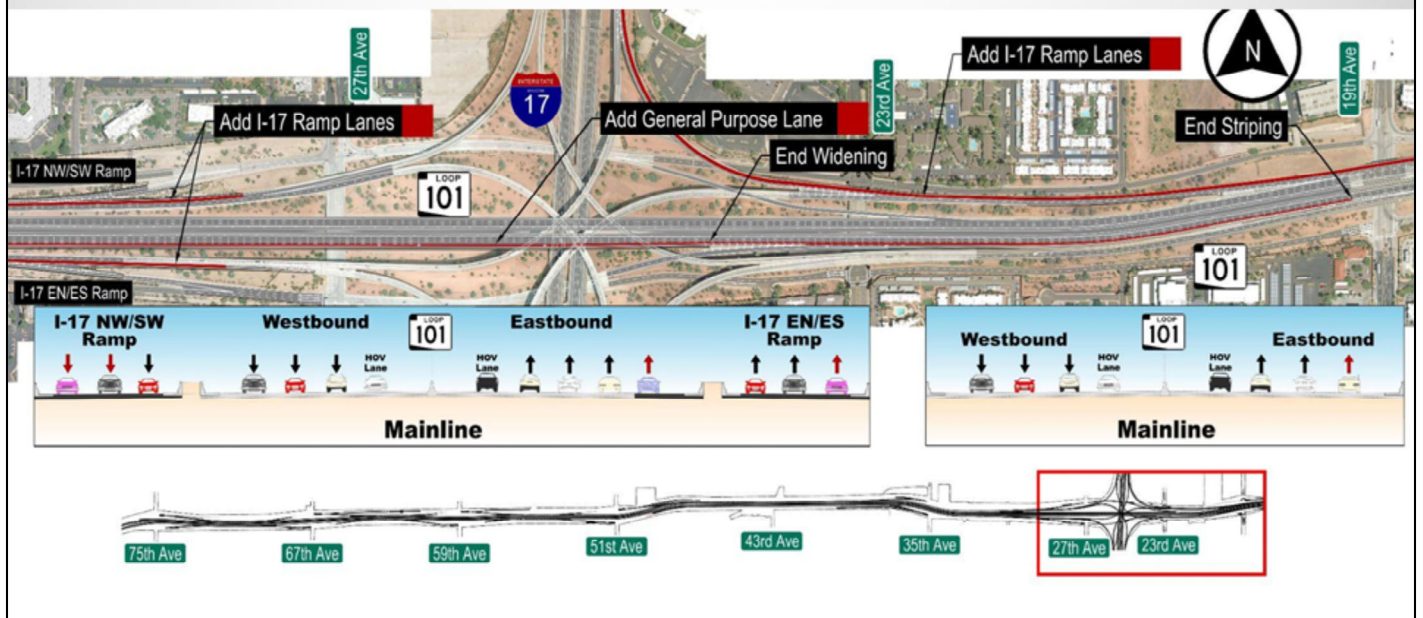
Between 43rd Avenue and 31st Avenue Loop 101 will be widened to provide 5 lanes in each direction plus the HOV lane.

As the freeway gets closer to the I-17 system traffic interchange, between 35th Avenue and I-17, 2 additional lanes will be added in each direction for a total of 6 lanes plus the HOV lane.

The eastbound 35th Avenue off-ramp will also be widened to 2 lanes and the frontage road will be widened where the exit ramp and frontage road merge together to accommodate 2 lanes on the frontage road and a 2-lane exit ramp.

The bridges over 31st and 35th Avenue will be widened to accommodate the new lanes. This segment will also have new retaining walls along the freeway to facilitate the widening.

Loop 101 Improvements: 31st - 19th Avenue



At the far west end of the project between 31st Avenue and 19th Avenue Loop 101 goes under I-17 and the project widening ends near 23rd Avenue just east of I-17.

As Loop 101 approaches the I-17 system traffic interchange one lane will be added eastbound for a total of 4 lanes plus the HOV lane, which will then drop to 3 lanes east of I-17. No new lanes will be added in the westbound direction.

One lane will be added on eastbound Loop 101 approaching the southbound and northbound I-17 ramps, as well as on the approaches from north-and-southbound I-17 to westbound L101.

Lastly, we will be adding a second lane on the ramp from westbound Loop 101 to northbound I-17.

This segment will have new retaining walls along the eastbound L101 to southbound I-17 directional ramp to facilitate widening.

This aerial map illustrates proposed improvements for the I-17 corridor. Key features include:

- Proposed Improvements:**
 - Add I-17 Ramp Lanes:** Indicated by a red line and label near the top left.
 - Add General Purpose Lane:** Indicated by a red line and label near the top right.
 - End Striping:** Indicated by a red line and label near the top right.
- Northbound Mainline:** Three sections are shown with lane configurations:
 - Section 1:** Shows a transition from 3 lanes to 4 lanes, including the 'I-17 EN/WN Ramp'.
 - Section 2:** Shows a 4-lane configuration.
 - Section 3:** Shows a 4-lane configuration.
- Scale and Orientation:** A scale bar at the top left indicates a distance of 101 feet. A north arrow is located at the top right.

11

Wall Locations



This exhibit shows the location of all the existing and new walls within the project limits.

The existing noise walls shown in purple will remain in place.

The locations in orange show where we are constructing new noise walls.

The locations in green show where we are raising existing noise walls.

There is an existing wall along the westbound frontage road near the 51st Avenue entrance ramp, a portion of which will be raised and a portion of which will be new.

At 47th Avenue a new eastbound noise wall will fill the gap between the wall to be raised and the existing wall to the east. There are also two additional new walls in the eastbound direction approaching and over 35th Avenue.

And there is one new wall in the westbound direction between 35th Avenue and 31st Avenue.

Lastly a screen wall will also be added on the north side of Loop 101, between the freeway and the westbound on-ramp.

What to Expect

- Construction will start late September 2024
- Expected to take approximately 2 1/2 years
- Overnight and weekend lane full closures and restrictions:
 - Loop 101 mainline and interchange ramps
 - Cross-streets and frontage roads
- Long-term ramp closures (up to 60 days)
- Detour routes: Frontage Road (Beardsley Road) and Union Hills Dr.
- Access to businesses and residences will be maintained



Project construction will begin Sept. 27 and is expected to take approximately two and a half years.

Overnight and weekend lane restrictions and full closures will be needed on both the Loop 101 mainline and interchange ramps, as well as the cross-streets and frontage roads.

Long-term ramp closures will also be needed for up to 60 days.

The primary east/west detour route will be either the frontage road (known as Beardsley Road) or Union Hills Drive.

And we want to assure you that access to businesses and residences will be maintained throughout the project.

Minimizing Impacts

- No freeway closures/restrictions during weekday peak travel times
- No extended cross-street closures (overnight/weekends only)
- No two consecutive on- or off-ramps in the same direction for 60-day ramp closures (e.g. on-ramps at 59th Ave and 67th Ave)
- Avoid freeway closures during major holidays
- Advance notice of restrictions and closures to plan travel

The project team will minimize traffic impacts with no freeway closures/restrictions during weekday peak travel times.

There will be no extended cross-street closures, only overnight and weekend work.

In addition, no two consecutive ramps will be closed in the same direction for the 60-day closures. For example, the eastbound off-ramps at 59th and 67th Ave would not be closed at the same time.

Our standard practice is to avoid freeway closures during major holidays. There may be some other minor holidays where we have closures if needed.

ADOT will provide advance notice of restrictions and closures through various methods, to help people plan their travel.

Please note that while we can minimize impacts, this is a major construction project and there will be some inconvenience and delays while we complete the work. We will do our best and really appreciate your patience while the contractor completes the work as quickly as possible.

Construction Phases

First Phase - Sept.-Dec. 2024

- Install advance construction signage
- Remove asphalt, temp striping, set work zone barrier (shift traffic toward median)
- Loop 101 work behind the barrier (roadway removals for widening, landscape salvaging, right of way fence removal)
- Start on bridge work

Second Phase - Starting 2025

- Widen Loop 101 and northbound I-17 at Loop 101, Loop 101/I-17 system ramps
- Widen bridges - 51st, 35th and 31st avenues
- Reconstruct Loop 101 interchange ramps
- Construct new sound walls
- 75th Ave cross-street improvements

The contractor has provided ADOT with an initial plan for how they will phase construction. It's important to note that the contractor has flexibility to shift work as needed in order to meet the project contract schedule.

During the first phase of construction through the end of this year, the contractor will be focusing on removing the existing aged asphalt and temporarily striping the new lanes. They will be shifting traffic on Loop 101 toward the median and setting up a concrete barrier on the outside of Loop 101.

This will allow the contractor to begin work behind the barrier, including roadway removals for the widening, clearing the slopes, salvaging trees and removing sections of the existing right-of-way fence.

The contractor also plans to begin work on some of the bridges, such as drilling new shafts for the bridge piers

Beginning in 2025, the contractor will start on the widening work on Loop 101, including the bridges and ramps. They will also start on the sound walls and will begin to work on the cross street improvements at 75th Avenue.

Construction Phases

Third Phase: Estimated 2026

- Additional crossroad work
- Reconstruct median barrier. Traffic shifted to outside
- Resurface pavement

Fourth Phase: Estimated early 2027

- Install final pavement markings, signage
- Replace impacted landscaping



Photo Source: ADOT

**Please note construction schedules are subject to change*

In 2026, the contractor will be focusing on work at the cross streets. In addition, they will be reconstructing the median barrier and shifting traffic to the outside of Loop 101. They will also be resurfacing the concrete pavement on Loop 101 and the ramps.

As the project enters the home stretch in spring 2027, the final work to be done will be installing the final pavement markings and signage, replacing impacted landscaping and any other outstanding work items.

Again, I want to emphasize that the phasing schedule may be fluid to allow the contractor flexibility to shift work around based on the availability of materials, weather or other unforeseen factors. But this gives a general idea of what will be involved in the construction of the project.

Anticipated Schedule: First Six Weeks

- Preconstruction activities began Sept. 16, 2024 - no traffic impacts
- **Upcoming expected weekend closures (10 p.m. Friday to 5 a.m. Monday)***
 - **Sept. 27-30:** Eastbound Loop 101, from 51st to 75th avenues
 - **Oct. 4-7:** Westbound Loop 101, from 75th to 51st avenues
 - **Oct. 18-21:** Eastbound Loop 101, from 51st to 19th avenues
 - **Oct. 25-28:** Westbound Loop 101, from 19th to 51st avenues
 - **Nov. 1-4:** Northbound I-17, from Deer Valley to Pinnacle Peak roads

*Schedule is subject to change

As of now, we expect the first six weeks of construction to look like this.

We will have five weekends of full closures - each of which will be in one direction - for the initial work to remove the top layer of asphalt and set up the work zone.

And with that, I will hand things back to Kim.

Project Coordination

- Weekly construction meetings with project partners
- Monthly coordination meetings for freeway closures on ADOT projects throughout Maricopa County
- Providing project updates to city partners to share with constituents

ADOT will work very closely with our project partners.

In addition to the weekly construction progress meetings, ADOT holds a monthly meeting with all agencies in Maricopa County on the coordination of freeway closures to ensure that traffic impacts do not conflict with other projects and major events.

The project team will provide updates to city partners to share with their constituents.

Stay Informed



Project website: azdot.gov/loop101-75th-l-17

- Latest information about the project
- Subscribe for traffic alerts, project updates



ADOT Project Information Line: 855.712.8530



Kimberly Larson at KLarson@azdot.gov

ADOT will provide advance notice of traffic restrictions through our subscriber email alerts, the project web page as well as Nextdoor and other social media platforms.

I highly encourage you to go to our project website to sign up to receive GovDelivery alerts if you have not already done so.

I typically will send a weekly traffic alert via GovDelivery. When possible, I will include a longer look-ahead.

I am the community's point of contact on this project. You can reach out to me by email or phone with questions or concerns and I will work with the project team to help address them.

We really appreciate your interest in this project and for attending the meeting this evening.

Questions?



We will take questions at this time. If you would like to ask a question, please raise your hand, and one of our team will come to you with the microphone.