

U.S. 101 DECK REPLACEMENT

AT SAN FRANCISCO'S ALEMANY CIRCLE



Fact Sheet and FAQ

About

Caltrans will begin construction on the nearly 70-year-old U.S. 101 bridge deck at San Francisco's Alemany Circle in late April. This priority project for Caltrans will completely replace 800 feet of bridge deck on one of the Bay Area's most heavily travelled corridors connecting the economic and population centers of the Peninsula and downtown San Francisco.

Construction for the project was originally scheduled to take place during three weeks in July 2020. Caltrans is advancing the project to April because of the lowered traffic volume resulting from the statewide stay-at-home order.

Doing construction during the stay at home order will reduce the traffic impact on surrounding neighborhoods as well as the traveling public. It also allows Caltrans to complete the work in a shorter timeframe, approximately two weeks, to further minimize neighborhood impacts. The project is expected to be complete prior to the stay-at-home order being lifted.

Funding for the project is a combination of federal funds and state Senate Bill-1 (SB-1), the Road Repair and Accountability Act of 2017. The estimated construction is \$37,395,200.



Map of project area with planned detours

Construction Information

The two bridge decks, approximately 800 feet, will be demolished and rebuilt. The full project area stretches from approximately the Alemany Exit on northbound 101 and the I-280 connector on southbound 101. Construction for the U.S. 101 Alemany Project will take place over 4 key phases.

Phase 1: Northbound Detour

Construction will begin by implementing a northbound detour on U.S. 101 to northbound 280 will re-route traffic off the northbound U.S. 101. Traffic will enter the northbound and southbound 280 at the northbound 101 and 280 connector.

Phase 2: Northbound Demolition and Reconstruction

Once the northbound U.S. 101 is closed, the northbound decks will be demolished and reconstructed.

Phase 3: Southbound Demolition and Reconstruction

After the northbound deck is completed, southbound 101 traffic will be shifted onto the new northbound decks. The southbound decks will then be demolished and reconstructed.

Phase 4: Restoration of U.S. 101 Traffic

With completion of both the northbound and southbound bridge decks, U.S. 101 traffic will be shifted back to its original configuration.

Project Team

Project Engineer: Marc Wong

Project Manager: Al B. Lee

Resident Engineer: Jose David

Public Information Officer: La-Tanga Hopes
(info@alemanyproject.com)

Contractor: Myers & Sons Construction

To receive emails about project updates, sign up for our project mailing list at 101alemanyproject.com. Follow Caltrans on Twitter @DistrictD4 for live project updates.

To share questions or concerns with the project team, please leave a message by calling the project information line at (415) 237-3827 and a member of the project team will return the call.

Frequently Asked Questions

Construction Logistics

Why does the Alemany Deck need to be replaced?

Investing in Bay Area infrastructure is critical to the safe movement of people and goods through our region. The U.S. 101 Alemany Project is required to maintain the safety of the bridge deck, originally constructed in 1950. Inspection reports for the Alemany bridge deck noted cracking and corrosion and recommended replacement. The columns and foundation are in good condition,

When will construction work be taking place?

The construction team will work 24/7, beginning in late April, and will continue through early May.

How will traffic be impacted?

Because construction is happening during the state-wide stay at home order, while traffic levels are down 40-60 percent, traffic impacts will be significantly reduced for the duration of this project.

Northbound 101 traffic will be rerouted onto 280 at the highway interchange. Once construction of the northbound deck is finished, southbound 101 traffic will be rerouted onto the completed northbound deck at the 280 interchange. Caltrans revised its construction plan to reduce the traffic impact of construction while stay-at-home measures are in effect and eliminate the need for local road detours.

Neighborhood Impacts

What are the expected noise, light, dust, and vibration impacts of construction? How is Caltrans working to minimize those impacts?

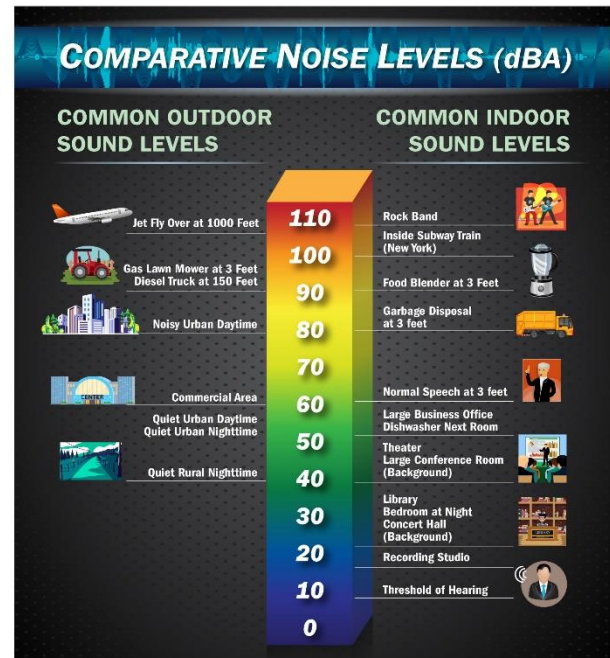
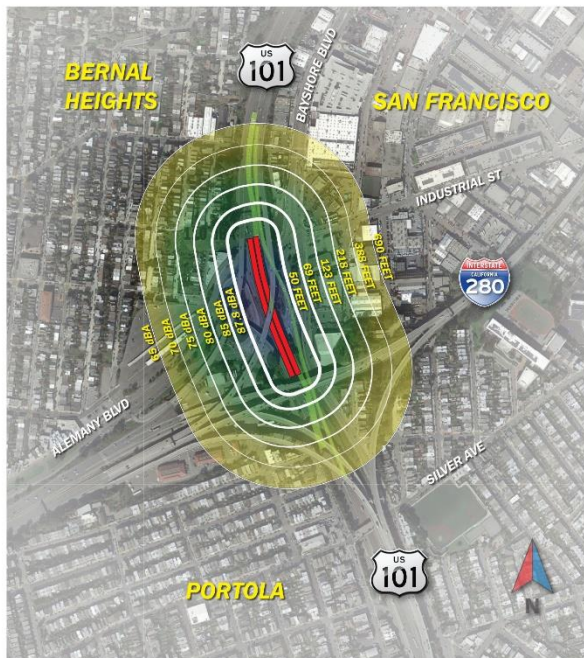
Caltrans is taking several measures to limit the effects of construction. While the response to COVID-19 has reduced traffic, it also means that nearby residents will be home during the 24/7 construction. Construction measures include:

- Removal of the existing bridge deck by sawing away section by section instead of jackhammering to reduce noise, dust, and vibrations. Some jackhammering is necessary to demolish structures i.e. median barrier.
- The use of light balloons rather than light towers to focus light down on the worksite, not out into the surrounding neighborhood.
- By replacing the deck rather than rebuilding the entire bridge, we will not only reduce construction noise and vibrations, but we are able to use lighter equipment that will be quieter as it travels to the site.

This project is 24/7 so there will still be noise at night even though measures are being taken to perform as much noisy work during the daytime.

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NOISE LEVEL STUDY



Will pedestrian access be impacted?

The project is planning to provide 10-foot wide access along westbound Alemany that will be open to bicycles and pedestrians.

Will there be a noise compliance monitor on site?

The lead engineer on site will be responsible for monitoring noise and working with the construction crews to minimize noise whenever possible. That said, we know that portions of this project will be noisy and we thank you in advance for your patience.

Will businesses be open?

Yes, San Bruno and Bayshore businesses and the Alemany Farmers' Market will be open.

Is there a possibility of power and water disruptions?

No, we do not anticipate any power or water disruptions to the surrounding neighborhood as a result of this project.

Where are workers parking?

Workers will park at the Caltrans Maintenance yard on Rickards Street.

Where is equipment being staged?

Equipment is being staged in an area adjacent to the bridge repair area between Alemany Eastbound and Westbound.

How will the removed sections of bridge deck be collected?

Debris will be trucked out to local recycling center. None of the material being removed is toxic.

Worker Safety**Why is this work continuing under the shelter-in place-order?**

The U.S. 101 Alemany Project is part of continuing Caltrans's essential work to maintain more than 50,000 miles of California's highway and freeway lanes. In response to Governor Newsom's Executive Order N-33-20 classifying the transportation sector as "Essential Critical Infrastructure," Caltrans is moving forward on the project to help pave the way for a fully open U.S. 101 when we emerge from the health and economic crisis of COVID-19.

How many people are expected to work on this construction project?

There will be 80-100 people on the Meyers & Sons Construction team and 20 Caltrans employees overseeing the work.

How can the public get more information, ask questions not included here, or register complaints or concerns about the project?

The project webpage (101alemanyproject.com) will be updated with new information over the course of the project. Individuals can leave a message for the project team at (415) 237-3827. A project representative will respond to your call. Language assistance will be available to those who call in.