

#### **What's involved in constructing the new Fairview Road bridge?**

The bridge is being rebuilt in two phases, allowing it to remain open to traffic during construction. Traffic will be switched to the new side of the bridge, so the second half can be demolished and rebuilt.

#### **How long will it take to construct the new bridge?**

It will take approximately 16 months to complete the second half of the new Fairview bridge.

#### **Why is this bridge taking so long to complete?**

Construction schedules are affected by several factors, including unforeseen site conditions; availability of crews, subcontractors or equipment; activities taking more time than anticipated; weather impacts, etc.

In this case, the work area on the freeway at Fairview is extremely tight. Those space constraints required extensive temporary shoring to safely construct the bridge abutments (the concrete structures supporting each side of the bridge) and center columns for the bridge, slowing work.

Additionally, the precast concrete girders used to form the bridge itself required extra attention and testing to ensure they met Caltrans standards.

Also, the winters in 2019 and 2020 were unusually wet, which affected the schedule.

#### **How much wider will the new bridge be?**

The new Fairview bridge will be 154.5 feet wide, approximately 15 feet wider than the existing bridge.

#### **What will be the height of the new bridge?**

The height of the new bridge will be approximately 25.5 feet, about 1 foot higher than the existing bridge.

#### **How many lanes will the new bridge have?**

The new bridge will have the same number of through-lanes and left-turn lanes as the existing bridge.

#### **Why is the bridge getting wider if the number of lanes isn't changing?**

Travel lane and sidewalk widths will be standardized. Vehicle lanes will be 12 feet wide; bike lanes will be 8 feet wide; and sidewalks will be 6 feet wide. Also, a new 4-foot-wide center median will be added to the bridge.

#### **When will traffic be switched to the new side of the bridge?**

Crews are scheduled to switch traffic to the new side of the bridge in early to mid-February to prepare for the upcoming demolition. Fairview Road between McCormack Lane and South Coast Drive, and all the NB/SB Fairview ramps will be closed for this work.



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# I-405 Improvement Project

## Fairview Road Bridge

### Frequently Asked Questions

#### **When will the rest of the old bridge be demolished?**

Demolition is scheduled for late February. The freeway and the Fairview ramps and bridge will be closed for this work. Motorists are encouraged to use the project interactive map, [octa.net/405map](https://octa.net/405map), for approved detours.

#### **How many lanes will be open to motorists on Fairview Road during construction?**

Two lanes in each direction will be open during construction.

#### **How will the ramps be affected during reconstruction?**

A 100-day closure of several NB off-ramps is required to construct the second half of the Fairview bridge. They are:

- NB SR-73 Fairview off-ramp
- NB I-405 Fairview/Susan Street/Harbor Boulevard collector-distributor off-ramp

NB motorists will not be able to exit at Fairview or Susan during this long-term closure. The detour will be via South Coast Drive. In addition, the temporary off-ramp to Harbor Boulevard will remain open during this work.

In addition, a 30-day closure of the SB I-405 Fairview off-ramp also will be required.

#### **What about pedestrians and bicyclists?**

Pedestrian access will be maintained on the northbound side of the Fairview Road bridge. Detour signs will be posted. Bicyclists will share the roadway.

#### **Will neighborhoods and businesses near the bridge be accessible?**

Yes, residential and business access will always be maintained.

#### **What are the hours of construction activities?**

In general, the contractor works two shifts, Monday through Saturday – a day shift from approximately 6 a.m. to 4 p.m. and a night shift from approximately 9 p.m. to 6 a.m. While much of the work will take place during the day, some activities, such as placing temporary barriers, striping lanes, switching traffic and demolishing the bridge, must be done at night for safety reasons.

Other activities, such as placing and excavating dirt fill for the bridge abutments, will require closing freeway lanes, which Caltrans only allows at night because of the impact on traffic. All activities that require freeway lane closures typically will be conducted at night.

#### **What should the neighborhood expect during demolition?**

Demolition of the bridge spans typically occurs across two weekends, one night per weekend. This activity is done at night to allow the contractor to close the freeway below the bridge being demolished. The bridge columns and abutments are typically demolished on weekdays, during the day and at night.



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Demolition will include the use of equipment to break up concrete, iron workers removing rebar, and excavators, bulldozers and trucks to remove rubble. Water trucks will be on-site to keep dust to a minimum, as required. Additionally, crews haul demolished material to a nearby crusher yard to further break down materials. Please be advised that these activities may be loud.

#### **Will noise levels be monitored?**

Yes. Caltrans standards will be enforced. Residents may hear back-up alarms and noise from other construction activities. The alarms are required by state regulation on all construction equipment in use to ensure employee safety. The sound level must be audible for 200 feet and distinguishable from the surrounding noise.

#### **How will the neighborhood be notified of upcoming activities?**

Flyers will be delivered approximately one week prior to all major activities, such as demolition and pile driving. In addition, the 405 Community Outreach Team notifies residents, businesses, and motorists of all activities via weekly emails, call and text alerts, social media and on the project website. Sign up to receive alerts regarding the Fairview bridge by visiting [bit.ly/405-signup](http://bit.ly/405-signup).

#### **What if I have other questions or concerns?**

Contact the 405 Community Outreach Team at [405project@octa.net](mailto:405project@octa.net) or by calling the project helplines. For **English and Spanish**, call **888-400-8994**; for **Vietnamese**, call **888-662-6569**. You may also message us on social media.

\*Esta información también está disponible en español, contáctenos para más detalles.

\*Thông tin này cũng có sẵn bằng tiếng Việt, liên hệ với chúng tôi để biết thêm chi tiết.