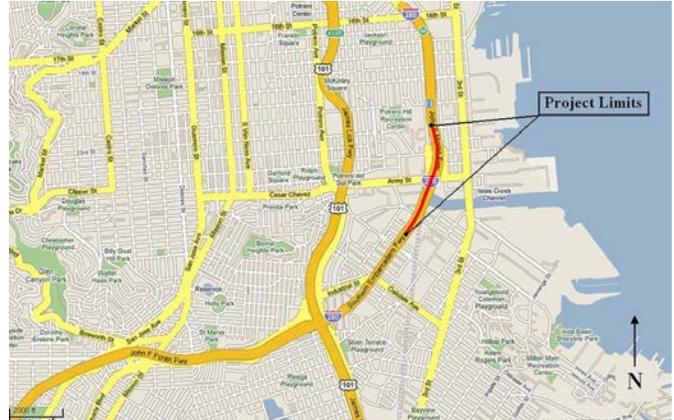


# Fact Sheet

## Replace Bridge Hinges on the Interstate 280 Southern Freeway Viaduct in the City and County of San Francisco

**Description:** This project will replace bridge hinges on northbound and southbound Interstate 280 near Cesar Chavez Street. Weekend closures will be necessary to complete this work.



### Scope:

- Replace 4 bridge hinges during three 104-hour long weekend closures.
- The three long weekend closures for SF 280 Freeway are as follows:
  - ✓ The limits of closures are from 280/101 Interchange to 6<sup>th</sup> Street On/Off Ramp
  - ✓ 9 PM, Thursday, 05/22/14, through 5 AM, Tuesday, 05/27/14 (Southbound only)
  - ✓ 9 PM, Thursday, 07/03/14, through 5 AM, Tuesday, 07/08/14 (Northbound only)
  - ✓ 9 PM, Thursday, 08/28/14, through 5 AM, Tuesday, 09/02/14 (Northbound only)
- The Contractor will perform work continuously for 104 hours (24 hours/day) to demolish and to reconstruct bridge hinge(s). 104 hours continuous shift = 4 days and one 8-hour shift = 3-day weekend + one normal working day (Friday or Monday)
- There will be subsequent night lane closures to install concrete bridge rails and joint seals.
- This project was originally designed to replace bridge hinges in two stages: Demolish and reconstruct bridge hinges one half of the bridge width at a time. This two stage construction would require approximately 12 months of construction time. The one-half bridge width closures will allow 2 lanes of traffic during construction, however, with reduced speed limits. A detailed traffic impact study indicated that the two stage construction would result in 105 minutes delay during peak commute hours in the morning and in the evening. The 105 minutes delay translated to approximately 7 miles of back up twice a day.
- District 4 Management decided that inconveniencing the traveling public with three 104-hour long weekend closures (totaling 312 hours = 13 days) of directional freeway closures was a much more acceptable alternative, when compared to 7 miles back up every day, twice a day, for one year.

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