

**Post-Fact Time Extension/Waiver – Project Completion for
State Highway Operation and Protection Program**

Project Number: 1
County: Los Angeles
District: 07
PPNO: 4812
EA: 31120
Route: 10
Allocation Amount: \$41,750,000
Phase: CON/CON Support
Allocation Date: 05/28/2015
Allocation Resolution Number: FP-14-53
Award Date: 11/16/2015
Number of Months Requested: 43 Months
Extended Deadline: 06/30/2022

SHOPP Pavement Rehabilitation project

The Department requests a 43-month time extension to complete the construction (CON) phase of the SHOPP Pavement Rehabilitation project. The Department has experienced unexpected delays in completing construction.

This project is located on Interstate 10 (I-10) in the Cities of West Covina, San Dimas, and Pomona, from Citrus Street in West Covina to State Route (SR) 57 in Pomona, and intends to replace asphalt pavement with Portland cement concrete pavement (PCC), replace damaged PCC slabs, median concrete barrier, and overhead signs and lighting.

This project was combined for construction with STIP I-10 HOV Lanes from Citrus St. to SR 57 under EA 07-1193U. The project is currently about 98 percent completed with an anticipated Construction Contract Acceptance (CCA) date of June 30, 2022. Supplemental funds are being concurrently requested at the June 2022 Commission meeting.

The project experienced delays due to utility relocation, excessive groundwater, weather interruptions, overlapping work with an ongoing contract, and numerous Contract Change Orders that added more time to complete the project.

The majority of the utility relocation tasks occurred during the construction period. The utility relocation and coordination efforts with Southern California Edison and other utility companies continued throughout the first three years of construction, impacting and delaying the contractor's schedule. The Department also encountered unsuitable material and excessive groundwater. The excessive groundwater along the eastern portion of the freeway was greatly magnified due to the lowering of the highway by five feet, causing significant schedule delays and cost increases. In addition, the construction work was impacted, and the project schedule was delayed due to conflict with an ongoing adjacent contract (I-10 HOV, Segment 2).

Therefore, the Department is requesting a 43-month Post-Fact time extension for project completion to allow sufficient time to complete, and CCA by June 30, 2022.

Project Number: 2
County: Los Angeles
District: 07
PPNO: 4841
EA: 31320
Route: 5
Allocation Amount: \$26,000,000
Phase: CON/CON Support
Allocation Date: 06/25/2015
Allocation Resolution Number: FP-14-56
Award Date: 05/27/2016
Number of Months Requested: 50 Months
Extended Deadline: 07/31/2023

SHOPP Roadway Preservation project

The Department requests a 50-month time extension to complete the CON phase of the SHOPP Roadway Preservation project. The Department has experienced unexpected delays in completing construction.

This project is located in the Cities of La Mirada and Santa Fe Springs, on I-5 from Artesia Boulevard to Coyote Creek Overcrossing, and intends to replace asphalt pavement with concrete; replace median barriers and signs, lighting, and ramp meters; and improve drainage.

This project was combined for construction with STIP I-5 Carpool Lane-Orange CL to I-605 (Segment 2) EA 07-21592U under EA 07-2159U.

The Contractor is currently constructing the outside mainline lanes along the northbound on I-5. This will be followed by completing the Valley View Northbound off-ramp, which will require additional time.

Additional time is also needed to complete the remaining construction items, including the Valley View structure. This will be through finalizing the raised median and reconfiguring traffic lanes to final lane configuration, constructing Austin Vault Filtration systems, installing loop detectors energizing electrical systems, and completing irrigation and planting.

The project also was delayed due to utility relocation, and additional working days were added due to Contract Change Orders. Currently, the Contract has a total of 1,506 working days. In addition, as the project went through multiple rainy seasons and the COVID-19 pandemic impacts, the Contractor needed additional time to complete the project.

The original Contract had 1,330 working days, including Plant Establishment, equivalent to 63.8 months. The initial number of months required to complete the project would be 71.8 months, including three months from award to start work and approximately five months for weather delays. The Department missed the opportunity to request for more than 36 months at the date of allocation.

Therefore, the Department is requesting a 50-month Post-Fact time extension for project completion to allow sufficient time to complete and finalize the CCA by July 31, 2023.

Project Number: 3
County: Los Angeles
District: 07
PPNO: 4156
EA: 21595
Route: 5
Allocation Amount: \$7,000,000
Phase: CON/CON Support
Allocation Date: 08/06/2013
Allocation Resolution Number: FP-13-01
Award Date: 04/24/2014
Number of Months Requested: 62 Months
Extended Deadline: 06/30/2022

SHOPP Roadway Preservation project

The Department requests a 62-month time extension to complete the CON phase of the SHOPP Roadway Preservation project. The Department has experienced unexpected delays in completing construction.

This project is located in the Cities of La Mirada, Santa Fe Springs, Norwalk, and Downey, from the Orange County line to 0.7 miles north of I-605. The project replaced existing concrete and asphalt pavements with concrete pavement, the median barrier, signs, lighting, ramp meters, and improved drainage. The project reached CCA on June 2, 2022.

The project has an original duration of 1,150 working days, including Plant Establishment, equivalent to 55 months. The project was suspended for 8-months to allow utility companies to complete relocation. It was further delayed due to utility relocations, and temporary construction easement parcels were extended once the work started. In addition, there was a delay in getting Union Pacific Railroad (UPRR) to approve bridge removal plans over the railroad track. As a result, UPRR changed its requirement of how their track can be protected during construction. The Department issued numerous Contract Change Orders (CCOs) to address traffic circulation during construction and community, businesses, and Cities concerns. The Contractor had to be granted extra days due to CCOs and delays. In addition, as the project went through multiple rainy seasons and recently through the COVID-19 pandemic, project construction needed additional time to be complete.

Therefore, the Department is requesting a 62-month Post-Fact time extension for project completion to accommodate the delay in completing and finalizing the CCA on June 30, 2022.

Project Number: 4
County: Los Angeles
District: 07
PPNO: 0444E
EA: 13820
Route: 47
Allocation Amount: \$230,000
Phase: CON/CON Support
Allocation Date: 08/12/2010
Allocation Resolution Number: FP-10-01
Award Date: 06/30/2011
Number of Months Requested: 96 Months
Extended Deadline: 06/06/2022

SHOPP Bridge Preservation project

The Department requests a 96-month time extension to complete the CON phase of the SHOPP Bridge Preservation project. The Department has experienced unexpected delays in completing construction.

This project is located in the City of Long Beach, at Schuyler Heim Bridge. The project replaced the existing lift bridge with a fixed-span bridge east of the existing bridge alignment. The project reached CCA on June 06, 2022.

Delays resulted from excessive bridge settlement of 10 to 12 feet that required 700 working days to mitigate and existing piles in the way of the new bridge foundation were more difficult to remove before there was room for the new piles. The bridge was effectively complete in May 2022 but several severe cracks at Hinge 2 of the New Dock Off-Ramp, located at the bridge girder area, were discovered that needed to be addressed. This work entailed the evaluation of all 18 hinges of the Schuyler Heim Bridge. Once these hinges were evaluated, a crack map needed to be generated and assessed by the Department's Office of Structure Design for further evaluations and recommendations to repair the cracks. The Department's structure design and maintenance prepared a final investigation report to define the scope of work. The Department worked closely with the contractor to address the cracks.

During the final acceptance inspection, the Department's bridge maintenance crew discovered additional cracks on the bridge girders that needed to be evaluated and addressed before final bridge acceptance was granted. This caused further delays to the project.

Therefore, the Department is requesting a 96-month Post-Fact time extension for project completion to accommodate the delay in completing and finalizing the CCA on June 06, 2022.