

BBII Contract Capacity Increase



JPB Board Action

- Increase the contract authority for Balfour Beatty Infrastructure, Inc. (BBII) in the amount of \$1,658,842 in order to perform non-PCEP work related to:
 - The Guadalupe River Bridge Project
 - Monitoring of non-PCEP construction by a developer on parcel near Traction Power Substation 1 (TPS-1) in South San Francisco.
- Authorize the Executive Director, or designee, to execute Change Orders with BBII in the amount of \$1,658,842 to provide funding for the non-PCEP work described above.
- Does not affect the approved \$2.44 billion PCEP Capital Budget

Background – Two Non-PCEP Change Orders

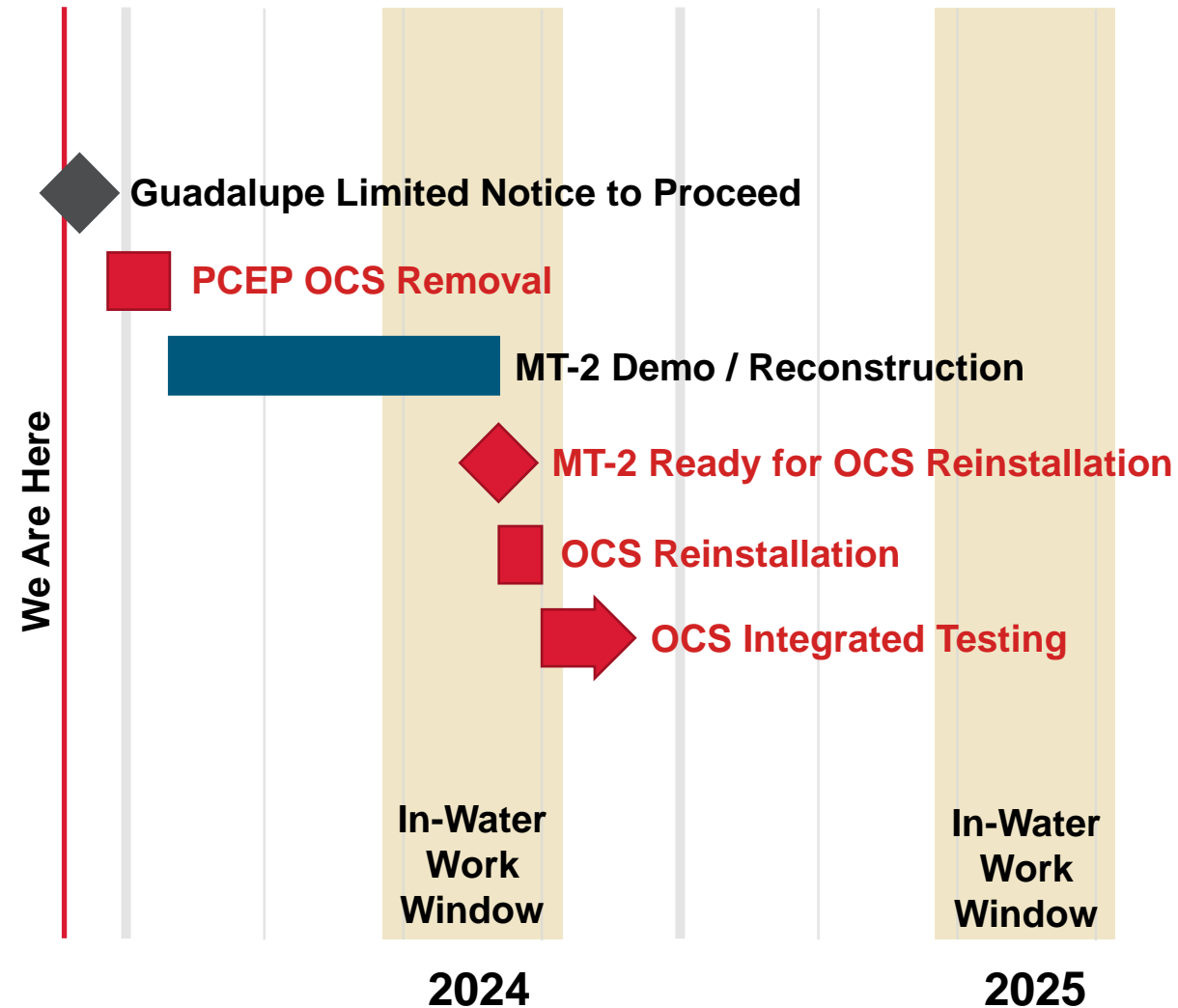
- A Change Order is needed for BBII to remove OCS wire and Poles at MP47.8-MP48.3. Reinstall OCS and Poles when MT-2 Bridge over the Guadalupe River is complete.
- A separate change order is needed for PCEP Design of Record to perform design review and construction monitoring for third party developer's construction work adjacent to PCEP TPS1.

Guadalupe River Bridge Project BBII Change Order

- On October 6, 2022, JPB awarded the Guadalupe River Bridge Replacement Project for the needed reconstruction of two JPB bridges.
- To facilitate bridge reconstruction, the Overhead Contact System (OCS) must be removed and reinstalled. This disruption is best endured prior to electrified passenger service.
- The cost of OCS removal and reinstallation by BBII has been appropriately budgeted in the approved Guadalupe River Bridge Replacement Project.
- Staff has completed negotiation and BBII's work will cost \$1,298,842 vs. staff's independent cost estimate of \$1,300,000.

Schedule Interface between PCEP and Guadalupe

- Timely removal of OCS enables timely reconstruction of MT-2.
- Timely reconstruction of MT-2 enables timely reinstallation and testing of OCS.



Guadalupe River Bridge Project Key Interface Schedule Milestones

Date	Activity
October 6, 2022	Board approved award of Guadalupe construction contract
November 21, 2022	Effective date of Limited Notice to Proceed for Guadalupe
February 1, 2023	BBII to complete removal of OCS from MT-2 bridge; Walsh to begin demolition and reconstruction of MT-2 bridge
September 2023	Walsh to complete construction of MT-2 bridge; BBII to begin reinstallation and testing of OCS

The Reasons for BBII to Perform the Work

- To maintain the integrity of full corridor (Taimen to SF) electrified system since BBII is responsible for end-to-end integrated testing and commissioning in fall of 2023.
- To mitigate interface and integration risks between the Guadalupe Bridge Project and the PCEP project through the continued performance by BBII of all OCS work.
- To save Guadalupe Bridge Project costs and time by utilizing existing BBII on-site resources while BBII is building the remaining OCS work under PCEP.

Design Review and Construction Monitoring Change Order

- Excavation and Dewatering for a building adjacent to TPS 1 in SSF
- The Developer and JPB Engineering requested assistants for design review and construction monitoring
- PCEP TPS1 is still under BBII until PCEP project completion and handoff to Caltrain
- An estimated amount of \$360,000 will be issued as a change order to BBII/PGHW (Design of Record). The Cost will be reimbursed by the Developer.

BBII Contract Value

- On December 6, 2021, the Board adopted Resolution No. 2021-67 and approved three change orders with BBII to increase the total BBII contract amount to \$1,097,149,881. The Board also adopted Resolution No. 2021-66 to increase the total capital project budget for PCEP to \$2.44 Billion.

BBII Current PCEP Contract Value	\$1,097,149,881
Guadalupe Bridge Change Order	\$1,298,842
Construction Monitoring Change Order	\$360,000
BBII Current PCEP New Contract Value	1,098,808,723

Staff Recommendation

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FOR MORE INFORMATION

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