



Bay Bridge Pump Station and Force Mains Replacement Project

Project Information

The Bay Bridge Pump Station and Force Mains Replacement (Bay Bridge) project will replace the existing OC San Bay Bridge Pump Station located on Coast highway between the Bay Bridge (east of Dover Drive) and Bayside Drive in the City of Newport Beach. The project also replaces two pipelines, called force mains, that carry wastewater across the lower Newport Bay. Wastewater then makes its way to OC San's Reclamation Plant No. 2 in Huntington Beach.

What is a Pump Station?

A pump station is an essential component of a wastewater collection system, designed to pump sewage from lower to higher elevations when gravity alone cannot transport the wastewater through the sewer pipes. Without pump stations, many communities would struggle to effectively direct wastewater to treatment facilities, potentially causing public health and environmental concerns. The City of Newport Beach is home to eight OC San pump stations. Ongoing maintenance and upgrades like the Bay Bridge project are vital to maintaining a reliable and efficient sewer system.



Project Need

OC San is committed to protecting public health and the environment by proactively replacing and maintaining its infrastructure. Both the pump station and force mains are nearly 60 years old. These critical assets are reaching the end of their useful life and need to be replaced to ensure they are reliable for the next 50 years.

Schedule

Construction 2025 - 2029



Sign up for email and text alerts

Scan the QR code or visit

www.ocsan.gov/BayBridge for the latest project updates and schedule information.

Questions? Contact Us

Community Liason: (714) 378-2965

Email: ConstructionHotline@ocsan.gov

The Orange County Sanitation District (OC San) is a public agency that provides regional wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County. OC San operates two facilities, 15 pump stations, almost 400 miles of regional sewer pipes, and treats more than 190 million gallons of wastewater each day.

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