

Replacing the old with the new — OC San is coming soon to Coast Highway

STARTING THIS SUMMER!  
2025-2029

HAPPENING IN THE  
CITY OF NEWPORT BEACH



A CONSTRUCTION PROJECT BY **OC SAN**

# BAY BRIDGE

## Pump Station and Force Mains Replacement Project



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[www.ocsan.gov/baybridge](http://www.ocsan.gov/baybridge)

**OC SAN**  
ORANGE COUNTY SANITATION DISTRICT

## Project Information

This project builds new infrastructure replacing the aging OC San Bay Bridge Pump Station and force mains.

### About the Bay Bridge Pump Station and Force Mains

- 1

Constructed in 1966
- 2

Average Flow:  
4 million gallons per day
- 3

Peak Flow:  
18 million gallons per day
- 4

Handles 50% of the City's  
flow

The Bay Bridge Pump Station and force mains enable the continuous collection, treatment, and recycling of the wastewater flow from the City of Newport Beach.

## What is a Pump Station?

Most of the time, wastewater flows downhill through pipes using gravity. When the land is flat or uphill, the pump station “lifts” the wastewater and pushes it forward, keeping it moving towards the treatment plant.

## What Are Force Mains?

A force main is the pressurized pipe that carries wastewater from a pump station until it can flow by gravity again.

### Why is This Project Needed?



#### Update Aging Infrastructure

These critical assets are at the end of their useful life and must be replaced to ensure reliable service for the next 50 years.



#### Safeguard Public Health

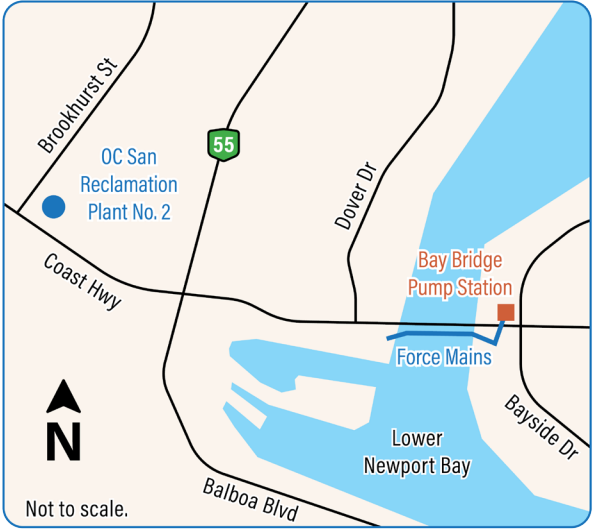
This project will ensure we continue to collect, transport, and recycle Newport Beach’s wastewater safely.



#### Protect Marine Life

Properly collecting and treating wastewater keeps our waters clean so we can continue to live, work and play in the Newport Bay.

Without this project, there’s a risk for infrastructure failure, sewer backups, and spills into the ocean.



## Project Location

Coast Highway between Dover Dr. and Bayside Dr. in Newport Beach

## Construction Schedule

Beginning Summer 2025 and completing in 2029

## Anticipated Work Hours

Work Hours: Monday – Friday, 7 AM - 5 PM

- **Microtunneling**  
Monday – Saturday, 7 AM - 7 PM
- **Occasional Nightwork**  
Sunday – Thursday, 8 PM - 6 AM

## Expected Impacts

- Sidewalk closure — One sidewalk may be closed at a time during working hours
- OCTA bus stop relocation
- Flaggers to assist with pedestrian traffic
- Bike and pedestrian path under PCH restored on weekends
- Coast Highway lane closures may occur at certain times

## What You Might See







Scan to  
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Project Alerts

## Stay Informed

Stay up to date with the latest construction news, updates and announcements by signing up for OC San project alerts, visiting our website and following us on social media.

**Visit [ocsan.gov/baybridge](https://ocsan.gov/baybridge) for additional project details.**

## Contact

**Community Liaison:** (714) 378-2965

**Email:** [constructionhotline@ocsan.gov](mailto:constructionhotline@ocsan.gov)

## Follow Us

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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 around 190 million gallons of wastewater each day.

