

MacArthur Sewer Improvements

About the Project

The OC San MacArthur Sewer Improvements Project (Project) will construct two new pressurized sewer pipelines, or force mains, along 1/3-mile of right-of-way on MacArthur Blvd. in the City of Newport Beach. Additionally, this Project will abandon about 1/2-mile of pipe that is no longer needed and modify an existing access structure located at the intersection of Birch Street and MacArthur Blvd. Work will also occur at the OC San MacArthur Pump Station.

Project Location

The Project extends along MacArthur Blvd. between Birch Street and Von Karman Ave. in Newport Beach. The MacArthur Pump Station is located just south of Corinthian Way (as shown on map).

Reason for Project

The original MacArthur Force Main was constructed in 1960. This Project is critical to bringing the regional sewer system up to date and to accommodate OC San’s capacity needs in a vital area. This Project will replace aging infrastructure, increase reliability of the pipelines, and improve operations and maintenance safety.

PROJECT MAP



MacArthur Sewer Improvements

Project schedule

Construction on this project is expected to begin in December 2023 and be completed in Fall 2024.

MacArthur Force Main Nightwork:

The majority of the work is expected to be conducted at night, Monday to Friday between 9 p.m. and 6 a.m. During these times, crews will be installing 2 parallel force mains on MacArthur Blvd.

MacArthur Pump Station Daywork:

Work is expected to take place Monday to Friday from 8:30 a.m. to 3:30 p.m. During these hours, crews will replace the valve vault at the MacArthur Pump Station.

The MacArthur Force Main conveys 2.4 million gallons of water from the MacArthur Pump Station to OC San's Plant No. 1 in Fountain Valley. The pump station lifts sewer flow from a low point to a higher point to allow it to continue flowing by gravity.

As with any infrastructure project, there are anticipated construction impacts. OC San is committed to clear, transparent, proactive communication to minimize and resolve issues during construction.




Construction for this project includes potential impacts on commercial and professional businesses near John Wayne Airport, such as noise and construction vehicle traffic.

Access will be maintained for businesses and emergency vehicles. Traffic control is expected to be set up and taken down each work night, and there will be detours when traffic control is set up. In some areas, streets and sidewalks will be closed to vehicle and pedestrian traffic in some areas. All detours will be clearly communicated and posted, and alternate access for pedestrians and public transit will be marked.

Thank you for your cooperation during this important project.

Questions?

For questions, please contact us:

-  (714) 378-2965
-  constructionhotline@ocsan.gov
-  ocsan.gov/MacArthur

For project updates and schedule information, scan here:

