

FACT SHEET

Marine Way Grade Separation/ Borrego Channel Project

The City of Irvine is working to improve access and traffic circulation into and around the Great Park.

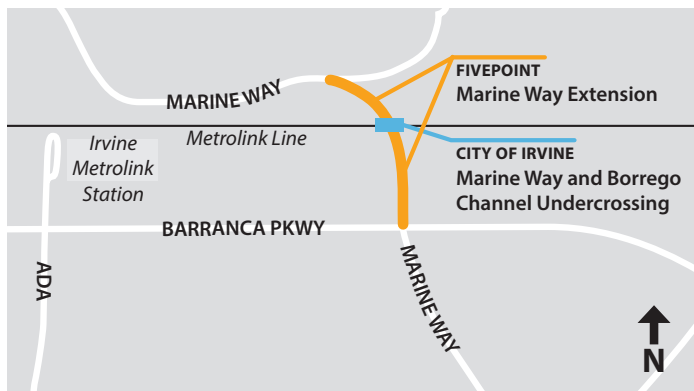
A portion of Marine Way runs along the southern perimeter of the park, north of the Metrolink railway, but there is no current rail crossing at Marine Way. The two existing rail crossings near the Great Park are located at Sand Canyon Avenue and Alton Parkway, approximately 2.5 miles to the northwest and 2 miles to the southeast, respectively.

Construction of the Marine Way rail undercrossing will reduce vehicle trips and miles driven within and around the Great Park. It will provide direct access between the Great Park and Spectrum area and reduce noise, congestion, and wear on City streets over longer alternative routes.

Project Overview

- Construction cost: \$37,309,492
- Construction duration: 425 working days
- Borrego Channel: L= 168', W=28', H=14'9"
- Marine Way Grade Separation:
L= 100', W=111', H=16'8"

Project Location



Project Benefits

Enhanced Safety

Reduces vehicle trips and miles traveled on City streets, reducing the risk of vehicle collisions, and increases safety for pedestrians and bicyclists.

Improved Access and Traffic Circulation

Provides direct access between the Great Park and Spectrum area, eliminating vehicle trips, and miles, saving time, reducing fuel costs.

Supports Multi-Modal Travel

Supports a broader shift toward active and sustainable travel modes by providing sidewalks and bike trails, reduces travel distances in the Great Park and Spectrum areas, and increases the safety and usability of roadways for pedestrians and bicyclists.

Environmental Gains

Reduces vehicle trips and miles traveled, cutting greenhouse gas emissions and improving air quality and quality of life.

Challenges and Considerations

- The following utility relocations are necessary to facilitate the bridge and drainage box installations:
 - **SoCalGas:** 30" gas line installation is complete.
 - **Verizon/SCRRRA:** Fiber optic relocations ongoing. Construction completion target March 2026.
 - **Kinder Morgan:** Relocate 16" oil line design in process. Construction completion target May 2026.
- A Metrolink Right of Entry Permit, and subsequent Site Specific Work Plan (SSWP) approvals are necessary to perform work within the railroad right of way. The City is working diligently to secure all approvals necessary as work progresses.
- The drainage box and bridge structures will be built on-site and moved into place during two separate 52-hour rail closures.

Project Timeline

Construction Notice to Proceed was issued June 5, 2025.

Current Construction Activities:

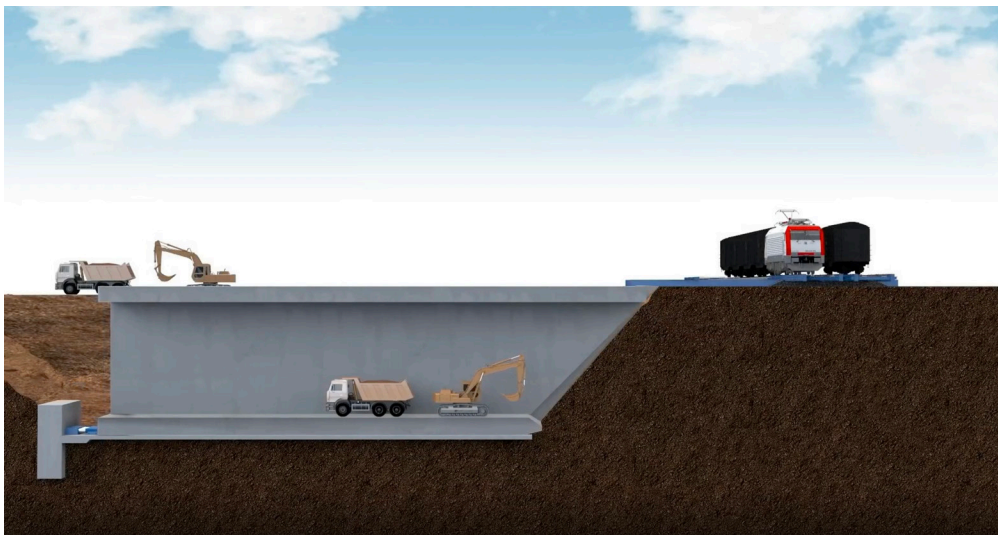
- Excavation/Grading
- Shoring installation
- Utilities Relocation
- Concrete launch slab and thrust block construction

Anticipated completion of major steps to follow include:

- **End of February 2026**
Construction of the thrust blocks and launch pads.
- **May 16–18, 2026**
Pushing of Borrego drainage box structure in place.
- **September 12–14, 2026**
Pushing of Marine Way railroad bridge/undercrossing.
- Aesthetic elements, retaining walls, and roadway/sidewalks within Metrolink right of way will follow. Barring inclement weather and utility relocation delays, the Marine Way Grade Separation/Borrego Channel Project should be complete by April 2027.
- Remaining portions of Marine Way and Borrego Channel by FivePoint will be performed concurrently. Final tie-in will occur after the City's portion is complete.

Why This Project Matters

As the Great Park continues to add new venues, amenities, and residential and commercial uses, travel demand on surrounding streets will increase. This project is intended to address those impacts by improving access, enhancing safety, and supporting cleaner transportation options. Reducing vehicle trips and expanding pedestrian and bicycle connections helps manage congestion, improves air quality, and supports quieter, more walkable neighborhoods.



Click or scan the QR code to view the Marine Way Undercrossing Visualization.