

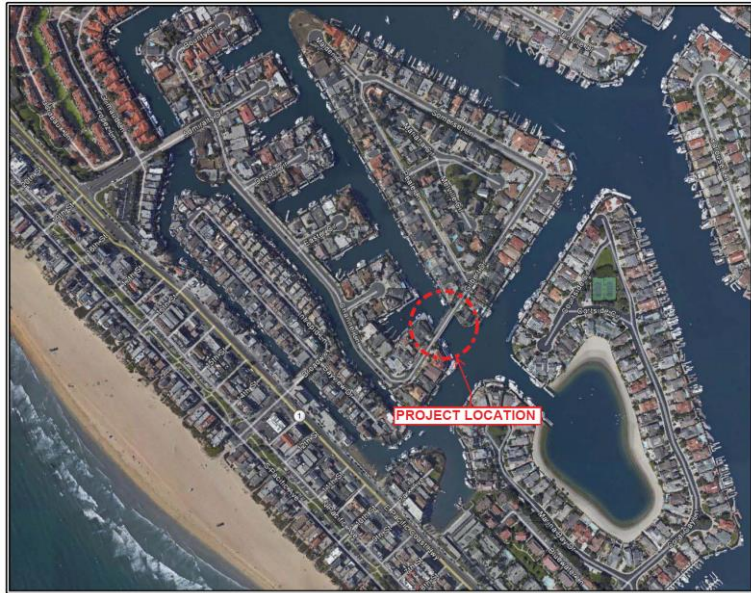


**Professional Engineering and Environmental
Consulting Services between the City of
Huntington Beach and Moffat & Nichol for the
Gilbert Bridge Project, CC-1453, in Huntington
Harbour**

**Subtitle: Public Works Department
Date: August 6, 2024**

BACKGROUND

- Project Area: Gilbert Drive Bridge (Bridge No 55C0258) over Shelter Channel in Huntington Harbour
- The existing structure, originally built in 1963, is a continuous 3-span welded steel girder bridge over Shelter Channel and is the sole access to the residential community located on Gilbert Island in Huntington Harbor. The foundations consist of timber piles supporting reinforced concrete bents and abutments. In 1996, the bridge received a seismic retrofit.



GILBERT DRIVE BRIDGE OVER SHELTER CHANNEL (BRIDGE NO. 55C0258)
LOCATION MAP



NEED/WHY/BENEFITS

- Based on the field observations contained in the City's Master BPMP study and biannual inspection reports provided by Caltrans it is recommended this bridge receive bridge maintenance to prolong life.
- Moffat and Nichol will provide further field investigations and design a rehabilitation strategy for the bridge.



DETAILS

- Design expected to commence Fall 2024
- Expected completion date: Fall 2025
- City Costs: \$484K
- Moffat and Nichol will evaluate bridge, but reports recommend removing and patching any unsound concrete, delamination, and spalls. Reports recommend removing rust and repainting girders and exposed rebars.



RECOMMENDATION

- Approve Agreement for Professional Engineering and Environmental Consulting Services between the City of Huntington Beach and Moffat & Nichol for the Gilbert Bridge Project, CC-1453, in Huntington Harbour



Questions?

