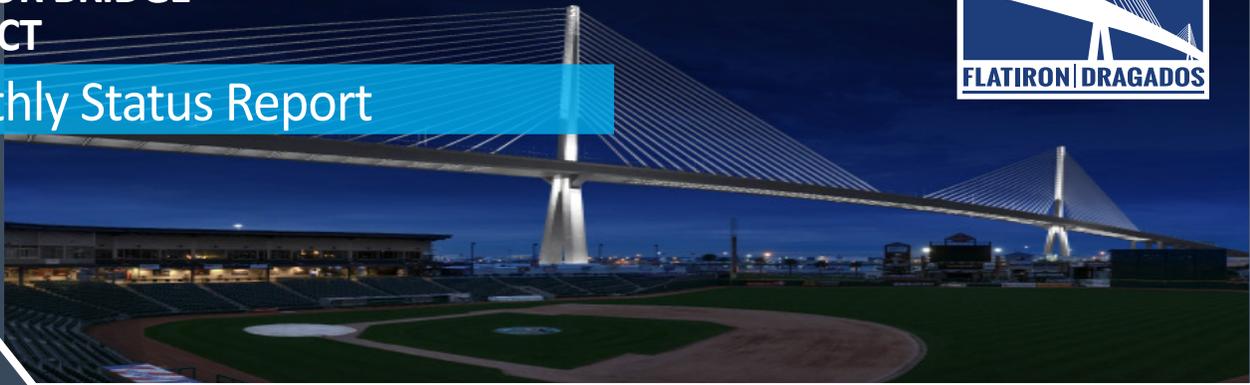


US 181 HARBOR BRIDGE PROJECT

Monthly Status Report



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September 2023

Harbor Bridge Project Progress Update - Fall 2023

Leopard Street and Overpass Opened

On September 29, HBP crews and many impacted stakeholders celebrated opening the highly anticipated new Leopard Street Bridge and Connectivity Corridor. The permanent route provides seamless accessibility from Port Avenue to Staples Street without traffic signal stops, and the overpass connects each side of SH 286 (Crosstown Expressway) from Josephine to Doss Street. The impact of this scope of work goes beyond just vehicular traffic. Pedestrians are now benefiting from the new six-foot-wide sidewalks, equipped with ADA ramps, facilitating easy access to vital locations such as Metro Ministries, bus routes departing from the Staples Street Station, Corpus Christi City Hall, Nueces County Courthouse, and more. The route is complimented with seven new street luminaries and a high mast light pole, providing ample lighting and a heightened sense of safety for all users. Additionally, it's important to recognize the less conspicuous but equally significant aspect of the new essential utility packages completed before the opening including water, wastewater, gas, and fiber lines that were replaced and tied into the City of Corpus Christi existing service. -Improved drainage in the low-lying area cannot be overstated!

Oversized commercial vehicles can also service the area with an impressive 16' 7" clearance under the two overhead direct connectors. All are encouraged to utilize the vital transportation artery and take in the excellent view of the ongoing complex South Interchange construction and progress. We are profoundly grateful for the patience and understanding of those impacted during the closures necessary to complete construction.

North Approach Bridge Spans Completed

This fall, we are pleased to announce the completion of the North Approach Bridge (NAB) with the installation of the final approach segment, transported from our Robstown Pre-Cast Yard (PCY) to its permanent location on North Beach. The superstructure, or bridge deck, is an engineering marvel featuring 21 northbound and 21 southbound spans, each spanning 180 to 200 feet, and secured with end-to-end post-tensioning. -Longer typical span lengths significantly reduced the number of piers required for the substructure, resulting in a less obtrusive approach bridge footprint. The NAB boasts an impressive layout with 420 northbound lane segments, each measuring 69 feet wide, to accommodate a spacious 10-foot wide shared-use path, two 10-foot wide shoulders, and three 13-foot wide mainlanes. The southbound lanes were also constructed with 420 segments, each 58 feet wide, providing two shoulders and three mainlanes. These segments were cast side by side at the PCY using a premium-grade concrete mix designed for a lifespan of up to 170 years. Staggering quantities of 9,606,695 pounds of rebar and 37,360 cubic yards of concrete were utilized to fabricate the 840 NAB segments weighing 95 – 110 tons each.



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