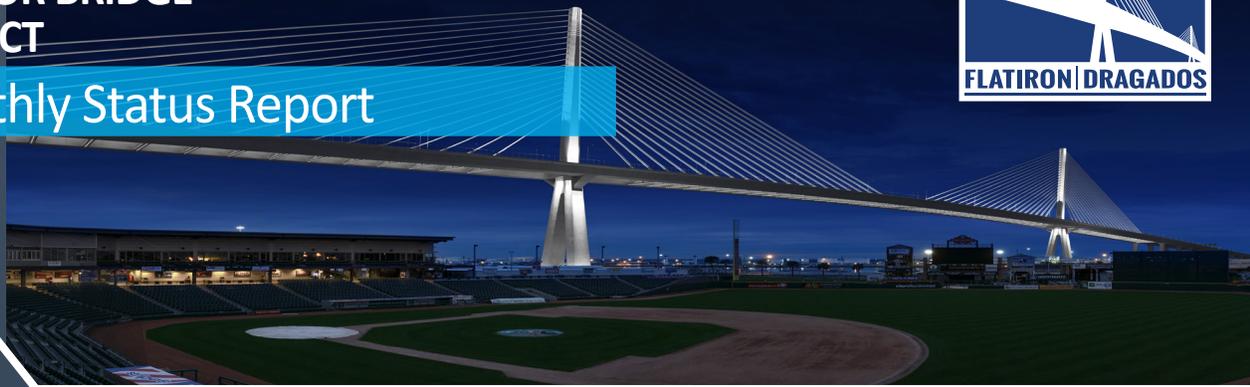


# US 181 HARBOR BRIDGE PROJECT

## Monthly Status Report



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March 2022

### **Crew of the Quarter (COQ) Award Recognition:**

Congratulations to the South Pylon team under Foreman Jaime Fernandez Jr. for their outstanding performance in Q1 of 2022. Under Jaime's exceptional leadership, Jose Fernandez, Benito Martinez, Raymundo Medina, Sergio Paredes, Antonio Puntel, Jorge Suarez Reyes, and Benjamin Yaniz were recognized for their innovative commitment to safety and their dedication to the job at hand. The crew completed the tower table erection, a critical section in the Pylon construction. The experienced group members have worked all over the Project, from the precast yard to the approaches, and have accumulated substantial expertise in concrete pours and platform adjustments. These specialized craft personnel look up to their mentor and continue to excel in their safety-first focus while establishing innovative techniques to reposition handrails despite working under intimidating conditions. In addition, accruing many man-hours without incident makes this group worthy of the COQ award on the HBP!



### **HBP Construction Update:**

**North and South Approach** – On the North Approach: 36 of 44 substructure piers are complete and 36 of 44 superstructure spans are erected. On the South Approach: 55 of 57 substructure piers are complete and 31 of 57 superstructure spans are erected.

**Cable Stayed Bridge (CSB)** – The North and South CSB Towers are rising steadily. Lift 3 at the North Tower and Lift 2 at the South Tower were poured in March. In parallel, crews began installing permanent access to the Tower interiors. The CSB team achieved a significant milestone by completing the erection of tower table segments on both Pylons. Crews started installing the post-tensioning of the tower tables: 40 tendons containing 31 strands each to provide the design compression that the tower table requires. North Tower crews worked on connecting the strut to the tower table, which will allow the main span segment erection to commence later this Spring. Crews are preparing the manipulators and stressing platforms for this lifting activity. Like always, several teams continue to work on the ground, preparing forms for the tower table pour-backs and the tie-ins for the tower crane. In addition, our steel shop is working on auxiliary structures to assist during the segment erection. Many teams collaborated Project-wide to achieve tremendous CSB progress in March and continue the progress this Spring.

**Roadworks** – Structure crews continue to progress with multiple teams focused on pile-driving, columns, caps, walls, and decks for the remaining two of four new direct connectors and additional new bridges around the IH 37, SH 286, and new US 181 South Interchange and Leopard Street. Earthwork crews relocated excavated embankment to be milled and placed on-site for the new IH 37 mainlane subbase. Flatwork crews continued work on the curb and sidewalk and placed new asphalt along Martin Luther King Drive to complete new IH 37 frontage road construction. Demolition crews continued excavating old embankments and concrete structures along IH 37 and the Burseson Street overpass on US 181 at North Beach. Deep soil mixing crews continued ground stabilization work along US 181 to the North Approach abutment wall. Traffic control operations completed a major traffic switch on IH 37 between Staples Street and Port.



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