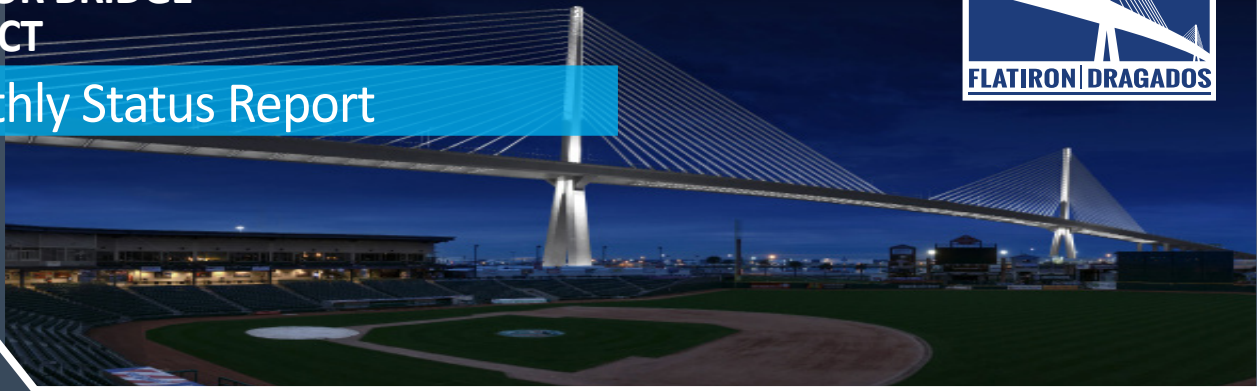


# US 181 HARBOR BRIDGE PROJECT

## Monthly Status Report



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Feb - March 2025

### **Harbor Bridge Project Cable-Stayed Bridge “Topping Out”**

The Texas Department of Transportation and developer Flatiron/Dragados, LLC recently convened for a “topping-out” ceremony at the center of the new Harbor Bridge in Corpus Christi, Texas, the longest concrete segmental Cable-Stayed Bridge in North America. This time-honored construction milestone is highlighted by placing trees to officially acknowledge the structural completion of the new bridge. We extend our congratulations to everyone who has collectively contributed over 10 million man-hours of work on the project while maintaining an outstanding safety record. The entire new Harbor Bridge project team is proud to have contributed to the enhancement of transportation and connectivity in the region.

In February, cable-stayed bridge construction crews achieved a historic milestone by completing the concrete placement for the main span closure, the final piece of the bridge deck, thus creating this signature and record-setting backdrop for residents and visitors to enjoy in the Coastal Bend. During the weeks leading up to this event, the construction engineering team worked diligently to ensure the structure would meet in the middle. This dedication and effort prevailed as the team was able to monitor, predict, and ultimately guide the four massive cantilevers or bridge deck mainlanes to meet in the middle within a fraction of an inch to the predicted values. Final concrete placement for the closure gap was strategically performed at night to mitigate environmental effects and execute the critical procedure during optimal conditions for the curing period. Once the concrete achieved the required strength, the temporary works to support this operation were removed and final finishing operations were then allowed to continue.

Over the last several weeks, approximately one thousand tons of equipment have been disassembled and removed from the bridge deck, including the massive derrick cranes used to lift and place each segment. Ongoing work includes installing stay cable fire protection, illumination packages, traffic barrier and rail, pedestrian fencing, bridge drainage, and expansion joints at the transition piers. Also noteworthy is the deconstruction of the temporary steel towers staged beneath the back spans to be repositioned later this summer for staging demolition of the existing Harbor Bridge. Bridge deck finishes, project-wide final surface asphalt paving, and connectivity to the new South Interchange are all encompassing tasks as the countdown is on to open the new Harbor Bridge in May 2025!



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Corpus Christi, Texas

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