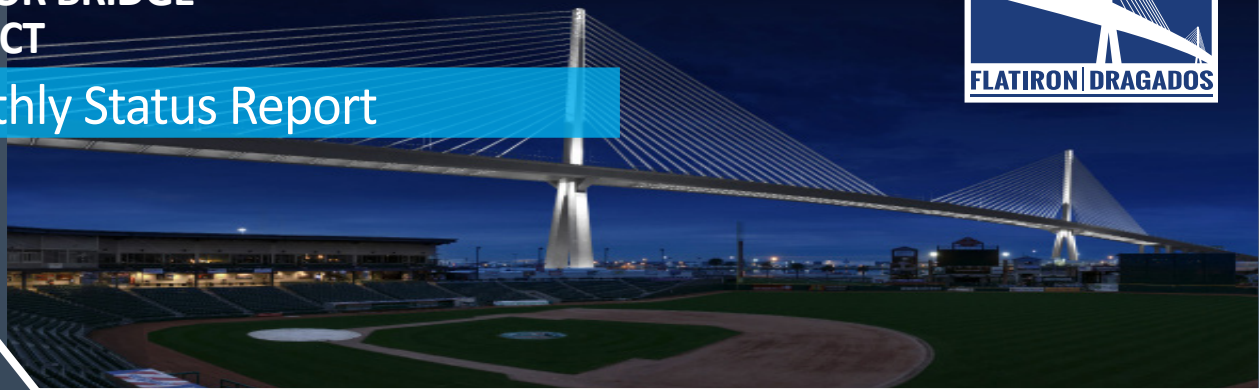


US 181 HARBOR BRIDGE PROJECT

Monthly Status Report



Toll Free: 1.877.227.4144 • Public Information: publicinformation@harborbridgeproject.com

Jan - Feb 2024

Harbor Bridge Project (HBP) Roadworks Progress:

We are pleased to announce another recent milestone achievement by our HBP roadwork structure crews. The team has successfully installed all 307,179 square feet of deck panel, constituting the base layer for 13 bridge surfaces across our project. The accomplishment is a testament to our commitment to excellence and precision in highway construction.

The task involved laying approximately 8,530 precast concrete panels, each measuring 4.5 by 8 feet, to fit with the accuracy of an intricate jigsaw puzzle. Despite uniformity in panel size, each bridge presented unique challenges due to variations in skew or slope, imperceptible to passing motorists. To accommodate the variables, crews utilized polystyrene blue foamboard sheets cut on-site to the determined required thickness of the added layer according to survey specifications.

Each panel is meticulously labeled with specific codes or numbered sequences from the moment of delivery, ensuring exact placement per the design specifications. When laid atop the foamboard sheets, these panels not only conform to the bridge's unique geometry but also prevent detrimental rubbing against the substructure girders, thereby enhancing the longevity of the roadway.

With all deck panels in place, the team is proceeding with final concrete pours, concealing the road-map of seams beneath to complete the remaining bridge surfaces. Throughout this process, our survey team's technical prowess and precision equipment ensure stringent quality control measures from abutment to abutment, guaranteeing the structural integrity of the final product.

Launching Gantry Crane (LGC) Disassembly:

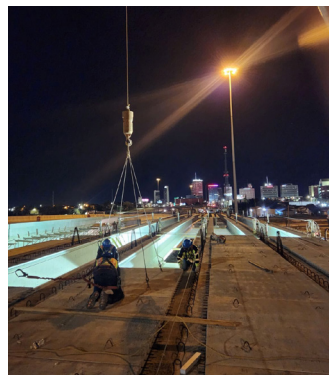
In January, we said goodbye to the fully intact LGC that constructed the North and South Approach Bridges by lifting about 1,700 precast concrete segments at 100 tons each into place to build 80 spans at up to 200 feet each.

Before disassembly began, HBP contractors demolished a warehouse beneath the LGC to stage an 1800-ton crawler crane and to create an open surface area large enough to lower and place the massive horizontal legs, electric/hydraulic launching systems, winch, front/rear auxiliary support, and front/rear trusses at ground level. At the bridge deck level, smaller 150-ton pick and carry cranes, man lifts, and modular transport systems are being utilized to break down the box girder sections, truss elements, and smaller cables, beams, bars, and counterweights that held the segments.

With the most significant pieces gone from the horizon, the tedious stage of further disbanding the 1500 tons into smaller pieces to fit in 100 shipping containers at 40-foot long each.

HBP Partnership with the Corpus Christi Police Department:

Project-wide general maintenance, including street sweeping, graffiti removal, mowing, and more, is part of the HBP maintenance group's daily routine. We wish to thank the Corpus Christi Police Department for a quick response to remove encampment debris from beneath newly constructed bridges around the US 181/IH 37/SH 286 South Interchange. Your Crime Reduction Unit initiatives make our daily commute to work a more pleasant experience. Flatiron/Dragados LLC is proud to assist the Crime Reduction Unit with traffic control and donated supplies during these activities.



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