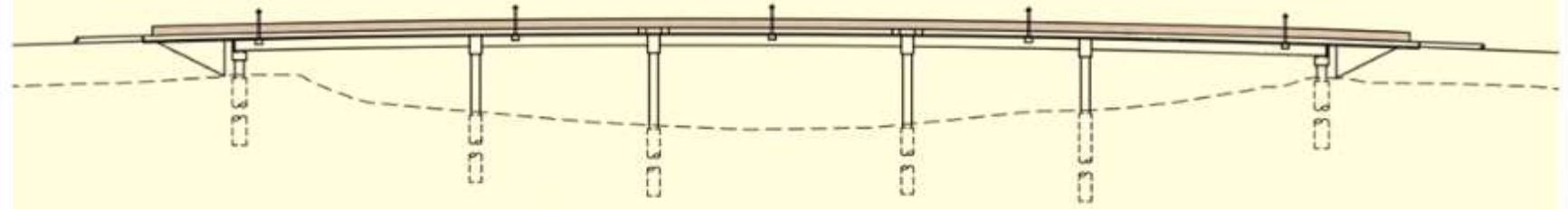


Bridge elevation provided by WSP- Structural Design team. This figure displays piers, bridge deck, and abutments.



Rendering of Colorado River view provided by WSP- Structural Design team. This bridge is not representative of bridge type being constructed.



Basic project scope information

On November 8, 2021, Clark County Public Works issued the Notice to Proceed to Fisher Sand and Gravel for construction of the Laughlin-Bullhead City Bridge Project. This project will construct a bridge over the Colorado River between Laughlin, Nevada and Bullhead City, Arizona with an approach roadway that connects in Nevada from the Needles Highway and in Arizona from the Bullhead Parkway



The bridge is 724' long and approximately 35' above the water. The bridge structure is precast concrete girders on drilled shaft foundations. The bridge will be constructed to carry four lanes of traffic and a multi-use path. The bridge will be striped for an interim condition carrying two lanes of traffic and a wide multi-use path.

Project Delivery

The project is being delivered through Clark County Public Works with cooperation through U. S. Federal Highway Administration, the Nevada Department of Transportation, Bullhead City, U.S. Coast Guard, U.S. Department of the Interior, Bureau of Reclamation, U.S. Department of the Interior, Fish and Wildlife Service, Arizona Game and Fish Department, Nevada Division of State Lands, Arizona State Land Department, Nevada Division of Environmental Protection, and Arizona Department of Environmental Quality. Construction oversight for the project is provided by WSP, 4LEAF Consulting, Aztech Materials Testing Inc., Newfields Environmental, Ninyo & Moore, and VTN.

Traffic Control Info for Safety and Public Access

For safety and security of the project site access to the jobsite on both Arizona and Nevada approach are restricted to project and construction personnel and equipment on both the Arizona and Nevada approaches.

Needles Highway:

There are currently in effect speed reduction and traffic lane restrictions starting north of Aha Macav Parkway (the AVI sign) on Needles Highway and continuing through the construction zone to the intersection by the Marina at West Casino Drive. Speed reduction, modified traffic patterns, and traffic lane restrictions are anticipated to continue through March 2024.

Bullhead Parkway:

Barricades are placed at the point of entry/exit of the Arizona site, West of the 95 at Bullhead Parkway and the private Rd at Anderson Auto Group Fieldhouse. No public access is allowed past this point.

Schedule

This is a two-year project with completion scheduled for December 2023. Current contract dates are as follows:

- Material Notice to Proceed – July 19, 2021
- Notice to Proceed – November 8, 2021
- Contract Calendar Days - 710
- Contract Days Expended - As of December 2023 760 days



- Contract Substantial Completion – January 30, 2024

Baseline Schedule Project Milestones:

November 2021 - Contractor Mobilization & Site Preparation

- Notice to Proceed (NTP) issued to Fisher Sand & Gravel
- Fisher Sand & Gravel Mobilized to Arizona, at the Colorado River, west of Bullhead Parkway
- Clear & Grub Arizona in preparation for equipment access and material storage

December 2021 – Temporary Work Dam Installation

- Temporary Dam of steel frames installed on AZ side of Colorado River

January 2022 – Contractor mobilized to Nevada / Shaft Rebar Work

- Road preparation of Laughlin Parkway off Needles Highway
- Reinforcing Cage work begins by Harris Rebar for Abutment 2, Piers 3 & 4

February 2022 – Storm Drain upgrade off Needles Highway

March 2022 – Temporary Work Dam continuation / Shaft Foundations

- Liner Installation at Temporary Work Dam
- AZ Drilled Shaft Foundations begin.
- Storm Drain Structure New Construction on Laughlin Parkway

Summer 2022 – Continue Bridge Construction on Arizona Approach

- Continue Roadway and Drainage Construction on the Nevada Approach Road
- Start Precast Girder Operation

Fall 2022 – Shaft Foundations

- NV Drilled Shaft Foundations
- Reinforced Concrete Pipe Excavation/Backfills (through Summer 2023)
- Storm Drain Structure Upgrade/New Construction (through Summer 2023)
- Landscaping (through Fall 2023)



Spring/Summer 2023

- Bridge Columns
- Bridge Pier Caps
- Bridge Deck
- Approach road grading

Fall 2023

- Roadwork & Paving AZ/NV
- Electrical and Finishing
- Concrete Monument
- MSE Wall NV/AZ

Winter 2023/2024

- Bridge Drainage
- Signage & Striping of Laughlin Parkway
- Landscaping
- Finishing
- Needles Highway Tie in
- Final Paving

Current Project Tasks

Nevada Approach:

Contractor has completed storm drain box installation, storm drain flume installation, importing embankment material from Laughlin Marina stockpile, rough grading road, fine grading roadway, and Partial paving from Needles highway to the Colorado River. Currently working on final grading, shouldering, monuments, fencing, landscaping, rip-rap installation and the Needles Highway tie in.

Arizona Approach:

Contractor has completed construction of Arizona approach drilled shaft foundations, column installation, and abutment pier cap. The Contractor is scheduled to continue construction of pier caps 3 & 4 through October 2022. Once the pier caps are in place, the Contractor will move the bridge operations to the Nevada approach and continue to build the roadway in Arizona early 2023.

Bridge Work:

Contractor has completed all concrete pours for the bridge. Current operations include finishing, painting, pedestrian rails, aesthetic treatments and fencing.



Vicinity Map
NOT TO SCALE



Laughlin – Bullhead City Bridge Overview

Nevada Roadway Approach



Welcome to Nevada Monument Erection





Laughlin-Bullhead City Bridge Deck