

Scope of Work

Scenic 98 over Point Clear Creek Bridge Replacement and Roadway Improvements

The project scope includes all necessary design requirements to replace the bridge on Scenic 98 over Point Clear Creek, and approximately 1,300ft of roadway and access improvements that will add a right-turn lane entrance to the Grand Hotel.

A USACE Individual permit is anticipated for this project. The project requirements include a wetlands delineation and T&E habitat survey that will be conducted along the proposed improvements corridor. The permit application will include the joint application and alternative analysis and addressing USACE RAIs and public notice comments. Based on the wetlands determination, a sheet-pile wall system may be required to protect the wetlands marsh. Should wetlands mitigation be required, we anticipate that the mitigation credits would be debited from the Baldwin County Mitigation Bank 1.

With the bridge site being near Mobile Bay, a coastal bridge hydraulics and scour analysis will be required. The hydraulic analysis will model the proposed bridge opening and site profile adequacy. The proposed bridge will be positioned to avoid existing bridge foundations and will look at the possibility of raising the profile of the bridge and roadway to accommodate kayaks/canoes passing under the bridge. The bridge opening will be sized to accommodate the most efficient prestress girders for spanning the floodplain waterway opening. The bridge will be sized to accommodate 2~12ft lanes of traffic, shoulders and a pedestrian multiuse path that will tie to the County's walking trail system. Timber bridging may be required to tie to the bridge and trail system to prevent filling of wetlands. The proposed concrete bridge barrier will have decorative openings and meet AASHTO MASH requirements. The bridge is to be designed per ALDOT and AASHTO design vehicles.