



Mr. Von Shipman, P.E.
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A total cost of \$182,406 was estimated, which is broken down in detail in the attached cost estimate table. CDM suggests gathering additional geotechnical information, as well as performing a geotechnical study to better assess site conditions. Given the possibility of a complex excavation and the limited amount of geotechnical data gathered during the design phase, CDM estimated a series of contingencies that should be considered as potential costs:

- Excavation Contingency: \$ 65,000
- Dewatering Contingency: \$ 31,000
- Hauling of Excess Material: \$ 6,500
- Temporary Culvert Support Contingency: \$ 14,600

Discussion

Based on the results of this evaluation, the proposed structure shall achieve the objective of controlling sediment and litter at the Baytree Road Culvert for design storms smaller than 5.5 inches. In order to maintain head loss values in the order of the existing structure, the existing chain link fence shall be removed to compensate for the increased head loss.

The project construction includes deep excavation, temporary support, and potential dewatering issues that should be further considered in order to better estimate the project cost.

Very truly yours,

José María Guzmán, P.E.
Camp Dresser & McKee Inc.

cc: Emily Davenport, City of Valdosta
Patrick R. Victor, P.E., D.WRE, CDM