



## Memo

**To:** Shane Schneider **File:** Culvert Replacements  
**From:** Michael Burke **Sect:** 20-00999-74-DR  
**Subj:** Justification of Bid **Date:** 7/13/2022

☐ For Your Info/Files ☐ Review and Comment ☐ Please Reply for my Signature ☐ Please Report on Current Status  
☐ Per Your Request ☐ Investigate and Report ☐ Please Call/See Me ☒ For Your Approval and Signature  
☐ Please Process ☐ Note and Return OK'd by Shane Schneider Date Jul 15, 2022

Shane,

We received four bids for the Culverts Replacement 2021 project. The engineer's estimate for the project was \$349,117.10. The low bidder, Copenhaver Construction, Inc., came in at \$380,311.50 which is \$31,134.40 (9%) over the estimate. The other bids exceeded the estimate by an average of 26%.

Unit prices for this project were developed utilizing bid prices received on previous projects. The 9% cost difference is largely the result of bid prices received for precast concrete pay items. Higher prices than estimated were received for PRECAST CONCRETE FLARED END SECTION and PIPE CULVERTS, CLASS A, TYPE 2 (54" and 60") likely due to volatility in steel pricing and cost increases for precast concrete materials and labor. The higher bid prices are likely the result of the current bidding climate, which presents challenges in developing estimated unit prices.

As there were four bidders for this project, it is not anticipated that re-letting this project would result in lower bid prices. Based on the above analysis it is recommended that the County award the contract to the low bidder, Copenhaver Construction, Inc. at the low bid price of \$380,311.50.

Approved by:

Michael G. Zemaitis P.E.  
Engineer of DesignMichael Burke  
Project Engineer