



Division of Transportation

Martin G. Buehler, P.E.  
Director of Transportation/County Engineer

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## Memo

**To:** Martin Buehler  
**From:** Satrugan Shrestha  
**Subj:** Justification of Bid - 6/28/11 Letting

**File:** Ela Road Retaining Wall Rehabilitation  
**Sect:** 11-00000-03-GM  
**Date:** 6/28/2011

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 *Marty Buehler* Date 6/29/11

Marty,

All seven of the bids received for the Ela Road Retaining Wall Rehabilitation project exceeded the Engineer's Estimate of \$135,621.00. The low bid was over the estimate by \$38,477.00.

Unit prices for this project were developed based on previous projects. For similar projects traffic control and protection averages 10% to 15% of the construction cost. The average bid price for traffic control and protection was approximately \$41,924.71 which is more than 2.5 times the engineer's estimated cost of \$15,000.00. The higher cost may be the result of more difficult conditions requiring extra personnel and materials to adequately conduct traffic control and protection than was originally anticipated.

As there were seven bidders for this project, it is not anticipated that re-letting this project would result in a lower bid prices. Based on the above analysis I recommend that the County award the contract to the low bidder, Copenhaver Construction Company, at the bid price of \$174,098.00.

Approved by:

Michael G. Zernaitis P.E.  
Engineer of Design

Satrugan Shrestha  
Project Engineer