



Pennsylvania Turnpike Commission

America's First Superhighway

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Engineering Department

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June 7, 2012

**Reference: Mon/Fayette Expressway – Section 51H  
Pennsylvania Turnpike Commission  
Southwestern Pennsylvania**

To Whom It May Concern:

The Mon/Fayette Expressway, Uniontown to Brownsville Project is one of four Mon/Fayette Transportation Projects being undertaken by the Pennsylvania Turnpike Commission in southwestern Pennsylvania. This project consists of approximately 17 miles of new limited access highway between US Route 119 and PA 51 in Uniontown to PA Route 88 west of Brownsville. This letter is in reference to Finley Engineering Group's (FINLEY) work on the Monongahela River Bridge, a cast-in-place, post-tensioned, box girder structure built in balanced cantilever with form travelers. The bridge is approximately 212' high and has seven spans for a total length of 3022'. The main span is 518' long and the cross section is a variable depth, three web box girder with a deck width of 89' - 4½".

We brought FINLEY onto our Construction Management team for their notable experience in the segmental concrete bridge industry; and for their timely delivery of project objectives. Because of their technical expertise in both design and construction engineering of segmental bridges, the Pennsylvania Turnpike Commission had confidence that FINLEY would be able to provide knowledgeable insight into this project, especially when challenges and other unique situations arose.

FINLEY provided technical assistance with segmental geometry control; independent computer modeling and analysis for structural deflections; independent calculations for casting curves, camber and segment geometry; review of the contractor's manuals; constructability reviews; support with casting geometry control software; and on-site and off-site technical support during construction. Our field inspection staff was also complemented by a FINLEY Engineer experienced in post-tensioning operations and geometry control. FINLEY's assistance has been invaluable to the Turnpike Commission in resolving issues that could have derailed this project in both schedule and budget.

If you have any questions or would like to discuss FINLEY's work on this project in more detail, please call me at (717) 939-9551, extension 5610.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bernard J. Zielinski".

Bernard J. Zielinski, P.E.  
Senior Engineer, Project Manager  
Mon/Fayette Expressway Project

BJZ/ktk

**Our Mission:** To operate and manage a safe, reliable and efficient toll-road system, and serve as a funding partner in Pennsylvania's efforts to rebuild the transportation network across the Commonwealth.