



MEMORANDUM

December 22, 2010

TO: Todd Hafner
FROM: Lou Canonico *LC*
RE: Rt. 15 / Spinks Ferry Road
 Right Turn Lane
 Cost Estimate

Based on the memo prepared by Gorove / Slade dated November 11, 2010, the length of the northbound right turn lane on Route 15 at the Spinks Ferry Road intersection needs to be 200'. There also needs to be a 200' long taper approaching this turn lane. Using this information, we have prepared a cost estimate for this project. In order to determine preliminary quantities for use in this cost estimate, we also referred to the Route 15 improvement plans prepared by VDOT for improvements done in this area. Those plans were done in the 2007 timeframe. Our estimate is as follows:

• Mobilization, Clearing & Grubbing	7,200
• Earthwork	20,800
• Erosion & Sediment Control	7,100
• Pavement	67,400
• Signage & Striping	1,350
• Traffic Control	<u>5,000</u>
	Subtotal \$108,850
	Contingency @ 10% <u>10,885</u>
	\$119,735
• Design & Surveys	<u>14,400</u>
	Grand Total \$134,135

Should you have any questions on the above or wish to discuss this matter further, please feel free to contact me.

LC/dml