

April 23, 1999

**MEMORANDAUM 99-05**

To: District Directors  
District Construction Engineers  
District Materials and Testing Engineers  
Project Engineers/Supervisors

Toll Road General Manager  
Toll Road Operations Engineer  
District Area Engineers

From: Timothy D. Bertram, Chief Operations Support Division  
**Timothy D. Bertram**

Subject: **Revised** Details to Standard Drawings for  
Guardrail Transitions, Type TGB

This memorandum replaces our previous memorandum of 99-03 that was dated March 30<sup>th</sup>, 1999 and sent out to all districts. That memorandum addressed changes to the standard drawings for the guardrail transition referenced above. It was brought to our attention that the drawings attached to that memorandum were in error. Attached herewith are new drawings signed by our Design Standards Engineer and our Chief Highway Engineer. Please see that you replace the previously sent out drawings with these new ones.

Any active or future contracts that have these types of transition connections must use these details for erection and placement. It appears that there are no major material changes only connection detail changes at the thrie beam terminal connector and some dimension changes.

Please see that all contracts are reviewed that have guardrail of this nature and that the contractor uses these details for installation. We feel there will be no additional costs to the contractors for these changes; however, if there is a delay to the prime contractor's controlling operation due to fabrication because they were waiting on these revised standards, the district should review each delay on a case to case basis.

We are sorry for any inconvenience that might have occurred because the earlier memorandum was sent out with some wrong dimensions.

DAK/dk  
attachments