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December 29, 2004

**MEMORANDUM 04-15**

To: District Directors  
Toll Road Operations Engineers  
District Construction Engineers  
District Area Engineers  
Project Engineers/Supervisors  
District Materials & Tests Engineers  
District Development Engineers

FROM: Dennis A. Kuchler, Chief  
Contracts and Construction Division

A handwritten signature in black ink, appearing to read 'D. Kuchler', is written over the 'FROM' field.

RE: Guidelines for Using Temporary Concrete Traffic Barriers

Temporary concrete barriers are intended to be non-penetrating devices that are used to redirect errant vehicles. To properly accomplish this, the shape and connections are important elements. Segments to be placed into use on the project are to be in reasonable conformance to the lines shown on the plans. Segments showing normal wear and tear may be used. Segments are not to be used if any of the following problems exist.

1. The segment is cracked through (same crack visible on both sides of the segment).
2. The connection hardware is no longer properly functional.
3. Exposed reinforcing steel will be on the side directly adjacent to traffic.
4. The segment has pockets of missing material which could have a detrimental effect on the segment's ability to redirect an errant vehicle (capture a tire). Segments having such pockets of missing material must be repaired prior to being placed in service.

Segments damaged while in use may be temporarily field repaired but shall not be relocated to other locations until properly repaired with concrete. Segments damaged beyond repair shall be removed and replaced with an acceptable segment. Unusable segments are to be removed from the project site. No wall segments shall be stored on site unless written approval is given by the Department. (Our Standard Specifications are being revised to address the above concerns.)

DAK:dls