

Tuesday, May 29, 2012



To: Sheik M. Moinuddin and fellow CalTrans District 7 Engineers

TrafFix Devices Engineering is working with our distributor Main Street Materials to support site assessment for the Compressor Fixed Attenuator. We have developed a quick reference Drawing 600-106 REV A detailing the Compressor's distance from the barrier, transition length, and overall system length for barrier widths up to 135" at a diverging transition angle of 10 degrees.

TrafFix Engineering developed this drawing to provide the Resident Cal Trans Engineer a guide for selecting the appropriate Cal Trans Approved guard rail installation as seen in the 2010 Cal Trans Standard Plans.

Examples of Cal Trans Standard Plans that can be designed with the Compressor:

A77G2 A77J A78A A78B A78D A78D2 A78B A78J A78F A78G A78H A78I

Another example is Project Number & Phase 03000204091 Installation C-21 from CalTrans District 3.

The Cal Trans Standard Plans are examples of some guard rail designs which can transition from the Compressor to the fixed object. The Compressor's Thrie Beam Fender Panels and the Cal Trans Guard Rail system by utilizing standard M-180 profile shape, the Cal Trans Guard Rail system similar to the installation is also seen on Project 03000204091 C-21 Location 51 Dist03.

When selecting a standard guard rail system, Drawing 600-106 can be used as a reference for transition selection. If additional technical information is needed contact TrafFix Devices Engineering (949) 361-5663.

Best Regards,

Jeremy Smith

*Staff Engineer*

TrafFix Devices, Inc.

160 Ave. La Pata, San Clemente, CA 92673

Ph: (949) 361-5663 Fax: (949) 573-9261

[jsmith@traffixdevices.com](mailto:jsmith@traffixdevices.com) [www.traffixdevices.com](http://www.traffixdevices.com)