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For Immediate Release

FG 300 Curb System Improves Safety on Historic “El Camino Real”

Tacoma, WA

California State Route 82, part of the historic “El Camino Real” or The King’s Highway, is an urban major arterial, with commercial and residential developments on both sides, connecting the communities of San Jose and San Francisco in Northern California, USA. This highway consists of 2 to 3 lanes in each direction with a median, on level terrain and tangent alignment.

In 1912, the State of California began paving a section of the historic route in San Mateo County. There was little traffic initially and children used the pavement for roller skating until traffic increased. By the late 1920s, the State of California began the first of numerous widening projects of what later became part of U.S. Route 101. Today the route through San Mateo and Santa Clara counties is designated as State Route 82.

The segment of Route 82 between Hickey Boulevard in Colma and Mission Road in South San Francisco carries 17,400 vehicles per day and consists of 2 lanes in each direction with a 12-inch wide double yellow stripe. Caltrans accident data revealed that in the 5-year period from September 1998 to September 2003, twenty out of a total sixty eight accidents on Route 82 were cross centerline accidents; five of these accidents resulted in injuries and one in a fatality.

There is a steep cut on one side and a steep embankment on the other side. Widening the highway would have been very costly and the project would have taken years to develop.

In order to reduce accidents on this stretch of roadway, Caltrans initiated a project to install 2,600 feet of raised curb separators along the centerline between Hickey Boulevard and Mission Road; the project was completed on November 26, 2007 using the Davidson FG 300 Interstate Grade Curb System from Pexco.

Mr. Roland Au-Yeung , District Traffic Engineer with Cal Trans in Oakland, CA, stated that, “[the raised separator provides a very visible delineation of the centerline, which we believe would reduce cross-over type accidents. The installation of the raised separator system was a quick and cost effective way to reduce cross-over type accidents for this location.](#)”

Caltrans has field reviewed the location after the installation and is very pleased with the improvement. Caltrans will re-inspect the installation at the one year mark to verify the safety improvements achieved by installing this curb system.



The FG 300 Interstate Grade Curb System is a raised median separator that features flexible, tubular upright posts manufactured using a unique design and a special polyurethane chemistry that is so tough it is the first and only Channelizer post in the world to carry a 1-year warranty against breakage. The FG 300 Curb System has been impact tested and NCHRP 350 accepted by the FHWA for use on the nation's highways.

Davidson Traffic Control Products is part of Pexco LLC, a global manufacturer of plastic products with decades of technical & engineering expertise. The Davidson Traffic product line includes Type I, II & III Barricades, Channelizer Posts, Curb System lane separators, Work Zone Pavement Markers, Flexible Delineator Posts, Reflectors for Barrier Walls and Guardrails, Snow Poles and many adhesive products that have gained worldwide acceptance.

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