



Arizona Department of Transportation

ROADWAY ENGINEERING GROUP

MEMORANDUM

To: Roadway Design Personnel
ADOT and Consultants

Date: January 10, 2003

From: John L. Louis
Assistant State Engineer
Roadway Engineering Group

Subject:
**ET-PLUS Guard Rail End Treatment
Modification to Breakaway End Posts**

The ADOT PRIDE Traffic Product Evaluation Committee has reviewed and approved the Manufacturer's request to implement their new Hinged Breakaway (HBA) End Post System for the ET-PLUS. The new system utilizes steel hinged breakaway posts which are intended to facilitate ease of maintenance. All other aspects of the ET-PLUS system (Trinity Drawing # SS-358) remain the same. The HBA post system is not to be used in a concrete pavement application.

A new separate PRIDE drawing has been developed utilizing the ET-PLUS 8-post system with steel tubes placed in concrete pavement (Trinity Drawing # SS-359).

The two new PRIDE drawings replace the previous Trinity Drawing # SS-334.

The new PRIDE drawings are available for view and printing at:



http://www.dot.state.az.us/ROADS/Rdwyeng/updates/mfrapp_drawings/index.html

Trinity installation manuals are on order and can be viewed at www.highwayguardrail.com.

Maintenance forces may continue to repair the ET-PLUS utilizing the previously approved PRIDE drawings as desired.

Questions may be directed to Terry Otterness at 602-712-4285 or Ken Cooper at 602-712-8674.

Please distribute copies of this memo to all design personnel, project managers, consultants and all affected construction and maintenance personnel within your Groups. Thank you.

JLL/THO

C:

Roadway Engineering Group

Statewide Project Management

Valley Freeway Group

Construction Group

Central Maintenance

Bridge Group

Local Government Section

Traffic Engineering Group

District Engineers (10)

FHWA

Engineering Consultant Services

Local Government Section

District Permits

Regional Traffic Engineers (4)

Contracts and Specifications Section

Materials Group

Frank Darmiento