ET-PLUS NOTES

- I. The ET-PLUS is a proprietary design by Trinity Industries, Inc. Any infringement on the rights of the designer shall be the sole responsibility of the user.
- 2. This Qualified Products List (QPL) drawing is provided by the Florida Department Of Transportation solely for the use by the Department and its assignees.
- 3. The ET-PLUS shall be assembled in accordance with the details, procedures and specifications called for in these drawings.
- 4. The ET-PLUS is applicable to all design speeds.
- 5. The ET-PLUS is intended for use as an approach end guardrail anchorage for shoulder guardrail located parallel to traffic lanes. The effective length of the ET-PLUS is 50' including two 25' or four 12'-6" W-Beam guardrail panels. The effective length is outside of any standard guardrail, guardrail transitions or other special treatments. The ET-PLUS alignment is an extension of the normal guardrail alignment, except when constructed with curb the alignment of the ET-PLUS will be flared over the first 25' at a rate of 1: 25.
- 6. The beginning of length of need is at Post No. 3.
- 7. The ET-PLUS can not be used in medians where horizontal clearance requires the use of a backrail.
- 8. The cable anchor assembly requires jam nuts on each end of the cable.
- 9. Apply 12" x 12" (min.) amber retroreflective adhesive sheeting to the extruder face plate.
- 10. See the Design Standards Index No. 400 for galvanizing requirements of metallic component.
- II. If the plans call for the ET-PLUS at a specific location, substitutions with other end anchorage assemblies will not be permitted unless approved by the Engineer. If the plans call for end anchorage assembly 'parallel' at a specific location the contractor has the option to construct any FDOT approved parallel assembly. Where a flared end anchorage is called for in the plans, any approved substitution with a parallel end anchorage will not be eligible for VECP consideration.
- 12. The ET-PLUS shall be paid for under the contract unit price for Guardrail, End Anchorage Assembly (Parallel), EA and shall be full compensation for furnishing and installing all components in accordance with the plans; the manufacturer's detail drawings, procedures and specifications; and, this Index.

DESIGN NOTES

I. A special site evaluation should be considered prior to using the ET-PLUS where there is less than 25' clear area on the extrusion side (back side) of the ET-PLUS.

CONTENTS

DESCRIPTION	DRAWING NUMBER
50'-0" WITH 25' PANELS, POST SLEEVES I-4 WITHOUT SOIL PLATE	SS 330
50'-0" WITH 25' PANELS, 7 SYT POSTS & IHBA POST	SS 373
50'-0" WITH 12'-6" PANELS, 7 SYT POSTS & LHBA POST	SS 378

STATE OF	FLORIDA DEPARTMENT OF TRANSPORTATION	
ET-PLUS		
DATE:		
04/17/06	QPL No. 536-0210	





