

December 20, 1996

Refer to: HNG-14

Hayes E. Ross, Jr., P.E., Ph.D.
Professor, Civil Engineer Department
Head, Structural Systems Division, TTI
The Texas A&M University System
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College Station, Texas 77843-3135

Dear Dr. Ross:

Your November 22 letter to Mr. Gerald L. Eller requested the Federal Highway Administration's acceptance of three changes to the ET-2000 guardrail terminal. These are:

1. Use of 1980-mm (6'- 6") soil tubes without soil plates for posts 1 and 2.
2. Use of standard CRT posts for posts 3 through 7. This results in replacing the shortened, tube-supported posts 3 and 4 with full length CRT posts and in replacing the original CRT post 8 with a standard line post.
3. Elimination of the offset block at post 2, permitting the use of an in-line strut at ground level.

A review of our files indicated that these same modifications were requested for the NCHRP Report 230 ET-2000 in an April 19, 1995, letter from Mr. David R. Lewis to Mr. Jerry L. Poston and were accepted via our return correspondence dated April 25, 1995. However, the ET-2000 design you submitted and we recognized, with Mr. Jerry L. Poston's August 22, 1995, letter to Mr. Don H. Johnson of Syro, Inc., as an acceptable Report 350 design was unchanged from the original Report 230 ET-2000 design. In your letter you cite a Report 350 test on a terminal very similar to the ET-2000 that incorporates approximately the same features we had accepted as modifications to the Report 230 design and for which you are now requesting acceptance as meeting Report 350 guidelines. We concur that the results of that test support acceptance of the modified ET-2000 as meeting the acceptance guidelines in NCHRP Report 350.

Enclosed is a drawing showing the modified ET-2000, which is named the LET. Thus, the LET is acceptable for use on the National Highway System if proposed by a highway agency. Since it is a proprietary feature, the provisions of Title 23, Code of Federal Regulations, Section 635.411, are applicable.

Please send us a complete set of the final drawings for our files.

Sincerely yours,

(original signed by Dwight A. Horne)

Dwight A. Horne, Chief
Federal-Aid and Design Division

Enclosure

Acceptance letter CC-12D

