



# Illinois Department of Transportation


2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 26, 1996

Traffic Barrier Terminals

#96-13

**COUNTY ENGINEERS/SUPERINTENDENT OF HIGHWAYS  
MUNICIPAL ENGINEERS/DIRECTORS OF PUBLIC WORKS  
CONSULTING ENGINEERS**

Attached are the BARRIER TERMINAL POLICY FOR LOCAL AGENCY HIGHWAYS and a Special Provision for TRAFFIC BARRIER TERMINAL ET2000 or BEST which allow use of the ET2000 and the BEST barrier terminals on local agency highways. 

All three barrier terminals in this policy require a level area behind the guardrail. The level area for the TRAFFIC BARRIER TERMINAL TYPE 1 is shown on Standard 2336-5. The level area for the ET2000 and BEST barrier terminals is shown on the attached ILLUSTRATION.

The Pay Code Item Number for the TRAFFIC BARRIER TERMINAL TYPE 1 is 63100035.

Both the ET2000 and the BEST are proprietary barrier terminals. The Pay Code Item Number for TRAFFIC BARRIER TERMINAL ET2000 or BEST is LR631010. Installation instructions should be obtained from the manufacturers of these products. Addresses and phone numbers for these manufacturers are as follows:

ET2000: Syro Steel, 1170 N. State Street, Girard, Ohio 44420  
1-800-321-2755

BEST: Interstate Steel Corporation, 1507 East 4th Street, Big Spring,  
TX 79720 (915) 263-3725

Transition guardrail sections are required for all three barrier terminals when they are mounted in advance of bridge parapets or rails. Types 5, 5A, 5R, 6 or Type B Steel Plate Beam Guardrail may be used, as appropriate.

If you have any questions, please contact Lee Bates at (217) 785-1664.

Very truly yours,

A handwritten signature in cursive script that reads "Bill Sunley".

William T. Sunley, P.E.  
Engineer of Local Roads and Streets

## **BARRIER TERMINAL POLICY FOR LOCAL AGENCY HIGHWAYS**

This policy provides guidelines for selection of guardrail barrier terminals on local agency highways commensurate with vehicular traffic characteristics, geometric design features and traffic safety considerations. It applies to projects where guardrail is installed, effective October 4, 1996.

At high speed, high volume locations [ locations with traffic volumes exceeding 6000 ADT and speeds in excess of 80 km/hr (50 mph) ], and on the National Highway System, acceptable barrier terminals are as follow:

- ET2000, manufactured by Syro Steel of Trinity Industries
- BEST, manufactured by Interstate Steel Corporation in Texas

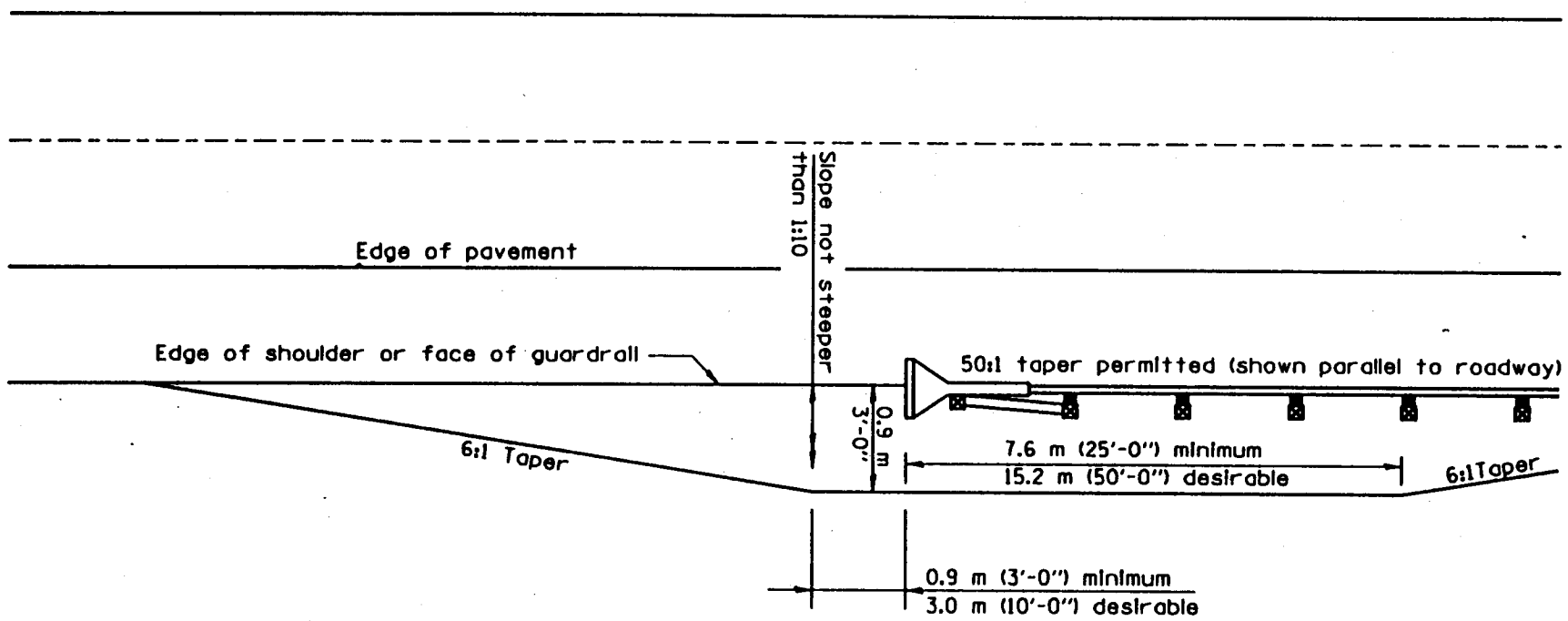
At all other locations the following barrier terminals may be used:

- ET2000, manufactured by Syro Steel of Trinity Industries
- BEST, manufactured by Interstate Steel Corporation in Texas
- Traffic Barrier Terminal Type 1

All Type 1 Traffic Barrier Terminals will be installed fully in accordance with \*Standard 2336-5, including the shoulder widening transition and the prescribed offsets to the face of the rail.

\* Will become Standard BLR 23 effective January 10, 1997

ILLUSTRATION



SHOULDER WIDENING FOR ET-2000 AND BEST