



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois 62764

September 26, 1995

ET 2000 Barrier Terminal

#95-12

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

The extruder head of the ET 2000 terminal barrier encroaches on the highway shoulder by 10 inches when the guardrail is installed in line with the edge of the shoulder. On narrow highways this reduces the clear zone and subjects these units to possible snowplow damage.

The manufacturer's installation instructions recommend a 50:1 taper be established to offset the extruder head, which would eliminate this encroachment. This procedure meets with the approval of the FHWA. The taper should be included in the plans at affected locations.

Specific information on establishing this taper may be obtained from the manufacturer.

Very truly yours,

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

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