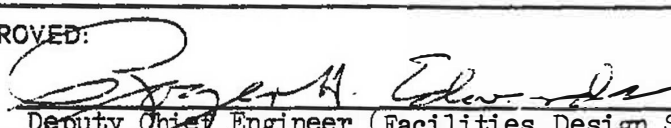


TO:		ENGINEERING INSTRUCTION	
SUPERSEDED BY EI 95-013		NEW YORK STATE DEPARTMENT OF TRANSPORTATION	
EFFECTIVE 3/7/95		SUBJECT: TEMPORARY TIMBER SAFETY CURB TEMPORARY TIMBER MEDIAN BARRIER	
		Subject Code: 7.27-1-619	
Distribution:		Code: 80-32	
<input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input checked="" type="checkbox"/> Special		Date: 7/15/80	
APPROVED:		Supersedes:	
 Deputy Chief Engineer (Facilities Design Subdivision)			

We are transmitting the following standards and specifications for Temporary Timber Safety Curb and Temporary Timber Median Barrier:

Standard Sheet 619-2R2 (under separate cover)
Special Specifications 15619.1401 and 15619.1402 (herewith)

Engineering Instruction 77-57 issued a Special Note titled "Maintenance and Protection of Traffic. Temporary Box Beam Barrier and Temporary Concrete Barrier." Page 5 of 5 of this Special Note instructed the user to delete Item 619.14 Timber Curbs (12" x 12" or larger). The timber curb was partially replaced by Special Item 16619.14, 12" x 24" Timber Barrier System for Structures (subsequently revised to 16619.1401). The Department has since developed and crash tested these new items which will replace Item 619.14 Timber Curbs (12" x 12" or larger) on grade. Item 16619.1401 shall continue to be used on structures.

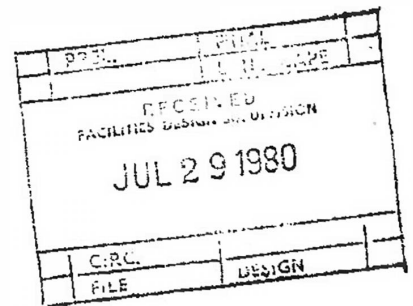
Temporary timber safety curb and temporary timber median barrier may be used as a physical barrier in areas of contracts where the anticipated operating speed is forty (40 MPH) miles per hour or less.

Temporary timber safety curb may be used where there are no more than two (2) lanes of traffic and the shoulders are six (6) feet or less and temporary timber median barrier may be used between opposing flow of traffic where there are no more than two (2) lanes of traffic with shoulders of six (6) feet or less on either side of the barrier, providing that satisfactory end treatments can be provided.

When temporary timber safety curb or temporary timber median barrier is specified the designer MUST show detailed locations in the Maintenance and Protection of Traffic Plans required by EI 77-57.

The new specifications and standard sheet will become effective with the letting of January 8, 1981.

RHE:WEH:pf
Attachment



15619.1401 TEMPORARY TIMBER SAFETY CURB
15619.1402 TEMPORARY TIMBER MEDIAN BARRIER

Description. This work shall consist of furnishing, placing, maintaining, and removing temporary timber safety curb or temporary timber median barrier where indicated on the Contract Plans, or where directed by the Engineer.

Materials. Temporary Timber Safety Curb or Temporary Timber Median Barrier shall be made from rough cut timbers which are free from cracks, splits and excessive knots. The other materials shall conform to the requirements of the following specifications:

Corrugated Beam Guide Rail Element	710-20
Square Washers	ASTM A36
Bolts, Nuts, Washers 3/8" x 3 1/2"	} ASTM A307
Lag Bolts and 1" x 2-1/4" Anchor	
PINS	

The temporary timber safety curb shall be painted white or yellow and the temporary timber median barrier shall be painted yellow in accordance with the New York State Department of Transportation Manual of Uniform Traffic Control Devices.

Any delineator posts required shall be frangible. Upright wood posts spiked to the barrier will not be allowed.

Construction Details. The Contractor shall furnish, install, move and remove temporary timber safety curb or temporary timber median barrier where shown on the plans or directed by the Engineer. Any damage to a wearing course to remain shall be repaired by the Contractor with material consistent with the damaged pavement. All pavement repairs shall be approved by the Engineer.

Method of Measurement. The quantity of Temporary Timber Safety Curb or Temporary Timber Median Barrier shall be computed by the number of linear feet placed, as required.

Basis of Payment. The unit price bid per linear foot of temporary timber safety curb or temporary timber median barrier shall include all material, equipment, and labor necessary to erect, maintain and remove the required temporary timber safety curb or temporary timber median barrier, including any required connection device, delineation or guiding device attached.

Any movement of temporary timber safety curb or temporary timber median barrier, except movements necessary to maintain, realign, or replace damaged units, will be considered as a movement to a new location and the Contractor will be allowed payment in the same manner as if it were a new curb or median barrier.

After placing, payment will be made for 90 percent of the quantity of temporary timber safety curb or temporary timber median barrier furnished and erected in accordance with contract requirements. The remaining 10 percent will be paid upon removal.

5/7/80