



HIGHWAY SAFETY CORPORATION

STEEL BACKED WOOD GUARDRAIL



An aesthetically pleasing guardrail for the following applications:

- Parkways
- Shopping Malls
- Parking Lots
- Parks (National and Local)
- Golf Courses
- Local Bridges
- Downtown Areas
- Schools
- Beaches and Playgrounds
- Residential Developments



Approved to NCHRP Report 350, TL-3

This guardrail was developed by the Connecticut Department of Transportation. It is a weathering high strength steel backed wood rail supported by W6x15 weathering high strength steel posts on 10 foot centers. The rail element consists of 6" x 12" wood beams backed with 6" x 3/8" thick steel plates and splices to provide tensile

continuity. Height to the top of the rail is 30". A wood block measuring 4" deep x 8" wide x 11" high separates the rail element from the posts to minimize snagging. This barrier was tested to NCHRP Report 350, TL-3, and is approved by the Federal Highway Administration. It is known as Merritt Parkway Aesthetic Guardrail.



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