Channeling Devises Question and Answer

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Question:
Where does it say that temporary concrete barrier ends with a tapered end section may be used at least 12 feet from a traffic lane?

Answer:
Department Policy, Highway Design Manual Chapter 10 stipulates if the first full-height section of temporary concrete barrier will be 3.6 m (12 ft) or more from approaching traffic lanes, a tapered end section may be used where embedment or shielding is not practical.

References:
Highway Design Manual, Chapter 10, Section 10.4.1 - "Temporary Concrete Barriers" (See Guide Rail V, page 10-139) - "Impact attenuators should be provided and ramped concrete end sections should not be used if the anticipated operating speeds are 70 km/h (43 mph) or greater, the ends can not be conveniently embedded or shielded and the ends are closer that 3.6 m (12 ft) to approaching traffic lanes."

Highway Design Manual, Chapter 10, Section 10.4.1 - "Temporary Concrete Barriers" (See Guide Rail V, page 10-139) - Where practical, temporary concrete barrier approach ends should be embedded into a back slope or started behind an existing barrier and beyond its deflection distance. If the ends can not be practically be embedded, shielded, or carried beyond the clear zone, the ends must be suitably treated.