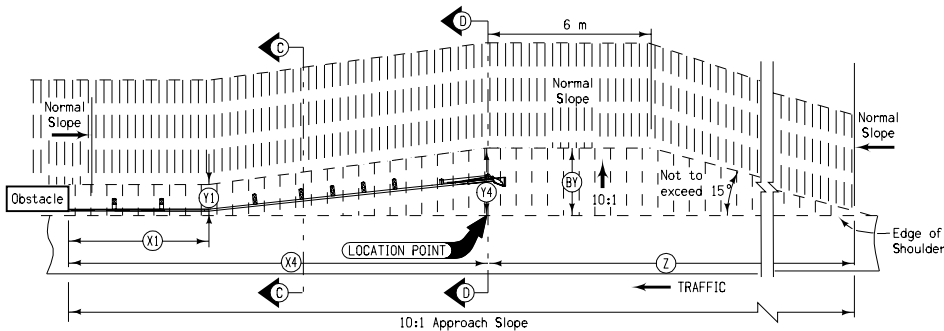


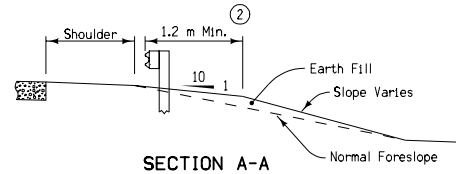
TYPE 1 - PLAN

Guardrail may or may not attach to face of obstacle

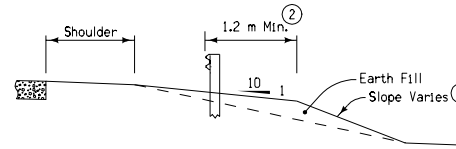


TYPE 2 - PLAN

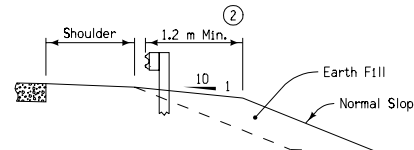
Guardrail may or may not attach to face of obstacle



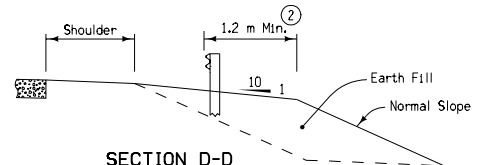
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

Construction of earth fill shall be in conformance with requirements for construction of embankments.

Applies to median obstacles shielded with steel beam guardrail.

Tabulation: 107-23

- ① Slope to be as flat as conditions allow. When possible, this slope should be the same as the normal foreslope. In no case shall it be steeper than 3:1.
- ② From face of guardrail to toe of 10:1 slope.
- X Measured from face of obstacle.
- Y Distance from edge of shoulder to toe of 10:1 slope.

① m	② m
2.0	13.5
2.5	15.3
3.0	17.2
3.5	19.1
4.0	20.9
4.5	22.8
5.0	24.7
5.5	26.5
6.0	28.4
6.5	30.3

All dimensions given in millimeters unless noted.

M METRIC VERSION		Iowa Department of Transportation Highway Division
	STANDARD ROAD PLAN RL-14A(1)	
	REVISION: NEW. Replaces RL-14.	REVISION NO. NEW
	APPROVED BY: <i>William J. Stein</i> DESIGN METHODS ENGINEER	REVISION DATE 04-19-05
GUARDRAIL GRADING (Sheet 1 of 2)		