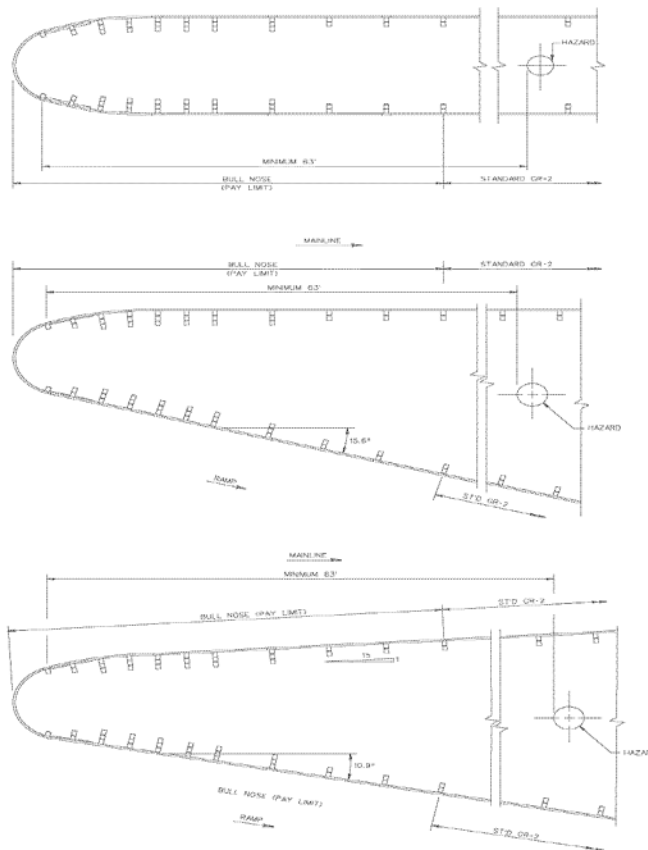


GR-11 W-BEAM RUN-OFF ONLY TERMINAL

Use of a Standard GR-11 is required for trailing end terminal anchorage on divided or one-way roadways for run-off conditions only

THRIE-BEAM BULL NOSE BARRIER

When the use of guardrail on depressed medians is being planned to shield bridge piers or other hazards, the designer should also consider the use of an NCHRP 350 Thrie-beam Special Design Bull Nose Barrier. (Pay Item - Bull Nose Barrier-Each - Computer Est. No. 13601.) Installation layout details will be furnished by the [Standards/Special Design Section](#) for each Bull Nose Barrier location for inclusion in the plans. Bull nose barriers must not be used behind or on top of curbs or raised medians. A 10:1 or flatter cross slope is required at least 60 feet before the installation and is carried through to the GR-2. See the below detail for median and gore area layouts.



SPECIAL DESIGN BULL NOSE BARRIER