

PLAN VIEW

NOTES:  
 ANY MANUFACTURERS FABRICATION MEETING OR EXCEEDING THE MINIMUM DESIGN REQUIREMENTS DETAILED HEREON WILL BE ACCEPTABLE.

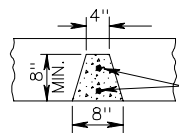
ALL CONCRETE IN PRECAST MEMBERS TO BE 4000 PSI.

LENGTH TO BE AS SHOWN ON PLANS.

\* A RAIL SPACING OF 9 1/2" WOULD BE ALLOWED PROVIDED THE SPACE OF BEAMS DOES NOT EXCEED 3'.

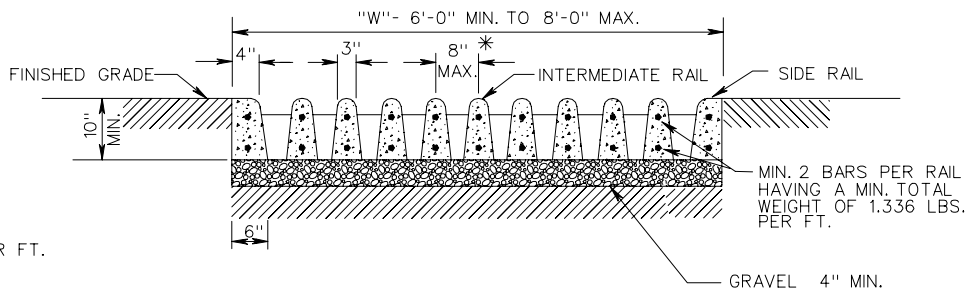
MINIMUM SECTIONAL AREA OF MEMBERS

- INTERMEDIATE RAIL — 28 SQ. IN.
- SIDE RAIL — 50 SQ. IN.
- BEAM — 48 SQ. IN.



MIN. 2 BARS PER BEAM  
 HAVING A MIN. TOTAL  
 WEIGHT OF 2.004 LBS. PER FT.

SECTION B-B  
 TYPICAL BEAM SECTION



SECTION A-A

PRECAST CONCRETE CATTLE GUARD

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION  
 REFERENCE

302