

SECTION 132 – APPROACHES TO BRIDGES AND CULVERTS

2825. The layout and marking of approaches to bridges are dealt with in RESPB No 3, Section 60.

2826. Approaches to bridges and culverts are liable to congestion and to considerable wear. Sight distance, ease of gradient, width, and a sound, non-skid surface are particularly important.

2827. Approaches always tend to cut up unless they are well built, properly drained, and adequately maintained. Points to remember are:

- a. When preparing the formation, remove all silty or clayey material, and ensure that the subgrade is sound.
- b. Use selected material for filling, especially for fills behind abutments, and ensure that the fill is very thoroughly compacted in layers.
- c. Provide ample side drains, and generous outfall. If the approach is on a downgrade, ensure that surface water cannot run down the road.
- d. Use the best available surfacing and ensure that there is no ridge or dip at the junction with bridge decking etc.
- e. Organize the supply of materials and labor for regular maintenance and for immediate repairs in the event of any damage.