

ROAD STANDARD (B1)

Right of Way Requirements

Right of way 24.0 meters minimum with backslipping easement for construction

Cross-section Elements

Finished Road Top 9 meters
Grade slope - 1 meter vertical @ 3:1
Ditch - Flat bottom @ 3.0 meter width
Backslipping - minimum 3:1...

Geometric Requirements

Maximum gradient - 6%
Minimum crest Vertical Curvature - K 45
Minimum Sag Vertical Curvature - K 30
Minimum Horizontal Curvature - 300 meter radius
Maximum Super Elevation - 6%

Structural Requirements

Surface Aggregate - Designation 4 Class 20 material, 275 tonnes per km
Grade - 0.90 minimum non-organic material with 0.20 meters of clay cap (if possible)
Compaction - Upper 0.30m-100% of Standard Proctor Density, Below 0.30m-95% of Standard Proctor Density
Moisture Content - Optimum Moisture Content

