



PAVEMENT DETAILS FOR RESIDENTIAL RURAL ROAD

Pavement Composition - Rural Road

Pavement Layer	Pavement Material	Pavement Thickness (mm) **							
		Non Expansive Subgrade				Expansive Subgrade			
		CBR 2%	CBR 3%	CBR 4%	CBR 5%	CBR 2%	CBR 3%	CBR 4%	CBR 5%
Surfacing	Size 10 ITP&S								
Base	20mm Class 2 Crushed Rock	100	100	100	100	100	100	100	100
Upper Subbase	20mm Class 3 Crushed Rock	100	100	100	100	100	100	100	100
Lower Subbase	20 or 40mm Class 4 Crushed Rock or Approved Equivalent	250	150	100	60	250	200	200	200
Total		450	350	300	260	450	400	400	400

MINIMUM PAVEMENT THICKNESS: Non-expansive subgrades 260mm
Expansive subgrades 400mm

** EXPANSIVE SOILS ARE CLASSIFIED AS FOLLOWS:
Liquid Limit >70%
Plasticity Index >45
Pl x % < 0.425mm >2200
Potential Swell >2.5

Amendments				
No.	Zone	Detail	Initials	Date

DRAWN : K. GRAHAM
CHECKED : P. TUTTLE
APPROVED : S. PLATER
SCALE : NTS
ISSUE DATE: JUNE 2004



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TYPE :
ROAD CHARACTERISTICS AND PAVEMENT
COMPOSITION - RESIDENTIAL RURAL ROAD
DRAWING NO: SD 08