

2010-2011

1(c)

<u>Axle Load (kN)</u>	<u>No. of axles per day</u>	<u>Equivalent axle load factor</u>	<u>Cumulative ESAL</u>
75	10	$(75/80)^4 = 0.772$	30.88
85	33	$(85/80)^4 = 1.271$	42.042
95	22	$(95/80)^4 = 1.989$	43.758
105	22	$(105/80)^4 = 2.968$	65.296
115	24	$(115/80)^4 = 4.27$	102.48
125	30	$(125/80)^4 = 5.96$	178.80
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