

TABULATED VALUES ASSUMES 1% OF TRAFFIC IS COMPOSED OF TRUCK-TRACTOR SEMI-TRAILER (TTST) AND 4% SINGLE-AXLE DUAL-TIRE VEHICLES. WHEN THE DESIGNER HAS A BETTER ESTIMATE OF THE ACTUAL TRAFFIC HE SHOULD USE THE FORMULA

$$\bar{N} = \overline{ADT} \left( 0.25 \frac{X}{100} + 0.60 \frac{Y}{100} \right)$$

WHERE X = PERCENT DUALS AND Y = PERCENT TTST USING THE PAVEMENT.

$\bar{N}$  IS A FUNCTION OF THE NUMBER OF TRUCKS.

EQUIVALENT $\bar{N}$ AND ADT	
N	ADT
200	12,500
100	6,250
80	5,000
40	2,500
30	1,875
25	1,562
20	1,250
15	937
10	625
5	312
4	250
3	187
2	125
1	63



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**CITY OF GREENVILLE, N.C.**  
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