

### **3.6.1.1.2 MULTIPLE PRESENCE FACTORS**

The factors specified in the Table shall not be applied in conjunction with approximate load distribution factors specified in Articles 4.6.2.2 and 4.6.2.3, except where the lever rule is used or where special requirements for exterior beams in beam-slab bridges, specified in Article 4.6.2.2d, are used.

Multiple presence factors are based on the directional CAADT. If directional CAADT percentages are not available, they may be assumed to be 50% of the total CAADT.

Number of Loaded Lanes	MPF for design year CAADT >1000 in one direction	Adjusted MPF for design year (0.95) 100 ≤ CAADT ≤ 1000 in one direction	Adjusted MPF for design year (0.90) CAADT <100 in one direction
1	1.20	1.14	1.08
2	1.00	0.95	0.90
3	0.85	0.81	0.77
>3	0.65	0.62	0.59

#### **Commentary:**

The multiple presence factor adjustment is described in C3.6.1.1.2.

#### **Revisions:**

April 2008      Added Commentary and listed adjustment factors in the table.

May 2014      Revised notation of ADTT to CAADT.