

## City of Billings Seasonal Adjustment Factors (3-year Average)

(Updated Mar. 2018)

### Percent of Average Annual Daily Traffic

| Month | Sun    | Mon     | Tues    | Wed     | Thur    | Fri     | Sat    | % Monthly Ave WDay <sup>1</sup><br>of Yearly ave wkdy | % Monthly Ave Wend<br>of Yearly ave Wkdy |
|-------|--------|---------|---------|---------|---------|---------|--------|---|--|
| Jan   | 54.33% | 87.68%  | 90.39%  | 93.67%  | 90.69%  | 95.72%  | 74.93% | 91.58%  | 64.63%                                   |
| Feb   | 60.55% | 91.00%  | 95.22%  | 95.93%  | 96.85%  | 103.96% | 82.36% | 96.00%  | 71.46%                                   |
| Mar   | 64.80% | 95.62%  | 97.46%  | 101.08% | 99.64%  | 106.37% | 84.59% | 99.40%  | 74.69%                                   |
| Apr   | 63.19% | 98.12%  | 101.28% | 103.81% | 103.64% | 109.55% | 86.82% | 102.91%   | 75.00%                                   |
| May   | 67.65% | 93.92%  | 104.47% | 107.62% | 107.23% | 111.68% | 87.79% | 106.44%   | 77.72%                                   |
| Jun   | 67.19% | 100.92% | 103.00% | 106.23% | 105.14% | 109.04% | 84.78% | 104.79%   | 75.99%                                   |
| Jul   | 64.93% | 94.34%  | 97.98%  | 104.51% | 103.82% | 106.31% | 79.86% | 102.10%   | 72.40%                                   |
| Aug   | 66.82% | 99.02%  | 100.54% | 102.81% | 102.99% | 106.91% | 83.31% | 102.11%   | 75.07%                                   |
| Sep   | 63.04% | 89.12%  | 102.47% | 104.28% | 103.77% | 109.34% | 81.36% | 103.50%   | 72.20%                                   |
| Oct   | 62.02% | 98.01%  | 99.55%  | 103.74% | 102.50% | 107.55% | 83.50% | 101.93%   | 72.76%                                   |
| Nov   | 60.05% | 95.58%  | 98.79%  | 98.52%  | 87.24%  | 98.14%  | 77.10% | 94.85%  | 68.58%                                   |
| Dec   | 59.93% | 88.62%  | 91.46%  | 95.57%  | 96.13%  | 94.22%  | 77.83% | 94.39%  | 68.88%                                   |

### Seasonal Adjustment Factors

| Month | Sun  | Mon  | Tues | Wed  | Thur | Fri  | Sat  | Monthly Ave WDay <sup>1</sup><br>of Yearly ave wkdy | Monthly Ave Wend<br>of Yearly ave Wkdy |
|-------|------|------|------|------|------|------|------|---|--|
| Jan   | 1.84 | 1.14 | 1.11 | 1.07 | 1.10 | 1.04 | 1.33 | 1.09  | 1.55                                   |
| Feb   | 1.65 | 1.10 | 1.05 | 1.04 | 1.03 | 0.96 | 1.21 | 1.04  | 1.40                                   |
| Mar   | 1.54 | 1.05 | 1.03 | 0.99 | 1.00 | 0.94 | 1.18 | 1.01  | 1.34                                   |
| Apr   | 1.58 | 1.02 | 0.99 | 0.96 | 0.96 | 0.91 | 1.15 | 0.97  | 1.33                                   |
| May   | 1.48 | 1.06 | 0.96 | 0.93 | 0.93 | 0.90 | 1.14 | 0.94  | 1.29                                   |
| Jun   | 1.49 | 0.99 | 0.97 | 0.94 | 0.95 | 0.92 | 1.18 | 0.95  | 1.32                                   |
| Jul   | 1.54 | 1.06 | 1.02 | 0.96 | 0.96 | 0.94 | 1.25 | 0.98  | 1.38                                   |
| Aug   | 1.50 | 1.01 | 0.99 | 0.97 | 0.97 | 0.94 | 1.20 | 0.98  | 1.33                                   |
| Sep   | 1.59 | 1.12 | 0.98 | 0.96 | 0.96 | 0.91 | 1.23 | 0.97  | 1.39                                   |
| Oct   | 1.61 | 1.02 | 1.00 | 0.96 | 0.98 | 0.93 | 1.20 | 0.98  | 1.37                                   |
| Nov   | 1.67 | 1.05 | 1.01 | 1.02 | 1.15 | 1.02 | 1.30 | 1.05  | 1.46                                   |
| Dec   | 1.67 | 1.13 | 1.09 | 1.05 | 1.04 | 1.06 | 1.28 | 1.06  | 1.45                                   |

Notes:

1. Weekday count factors were determined based off the Tuesday, Wednesday, and Thursday traffic volumes. Accordingly, traffic data should only be adjusted with these numbers if performed on one of these days. Adjustment factors for variations from these days may be obtained from the City Engineer's office.