

Intersection: NE 99th Street/NE 152nd Avenue  
 AM Peak Hour Turning Movement Volumes

Date: 8/22/13

| Time                              | <u>SB</u> |      |     |        | <u>WB</u> |      |     |        | <u>NB</u> |      |     |        | <u>EB</u> |      |     |        | Total |
|-----------------------------------|-----------|------|-----|--------|-----------|------|-----|--------|-----------|------|-----|--------|-----------|------|-----|--------|-------|
|                                   | SBR       | SBT  | SBL | Trucks | WBR       | WBT  | WBL | Trucks | NBR       | NBT  | NBL | Trucks | EBR       | EBT  | EBL | Trucks |       |
| <u>15 Minute Totals</u>           |           |      |     |        |           |      |     |        |           |      |     |        |           |      |     |        |       |
| 7:00 - 7:15 AM                    | 4         | 28   | 3   | 4      | 0         | 9    | 2   | 0      | 2         | 14   | 7   | 0      | 6         | 5    | 1   | 1      | 81    |
| 7:15 - 7:30 AM                    | 7         | 45   | 6   | 6      | 0         | 11   | 4   | 1      | 1         | 16   | 7   | 0      | 6         | 9    | 4   | 2      | 116   |
| 7:30 - 7:45 AM                    | 9         | 49   | 0   | 1      | 1         | 6    | 2   | 1      | 1         | 22   | 9   | 1      | 11        | 3    | 2   | 1      | 115   |
| 7:45 - 8:00 AM                    | 5         | 45   | 0   | 3      | 4         | 10   | 9   | 1      | 5         | 14   | 6   | 1      | 7         | 3    | 1   | 1      | 109   |
| 8:00 - 8:15 AM                    | 7         | 28   | 3   | 2      | 3         | 6    | 4   | 0      | 1         | 13   | 7   | 1      | 5         | 3    | 1   | 1      | 81    |
| 8:15 - 8:30 AM                    | 6         | 31   | 2   | 1      | 2         | 10   | 3   | 1      | 1         | 11   | 7   | 1      | 8         | 9    | 2   | 1      | 92    |
| 8:30 - 8:45 AM                    | 2         | 44   | 2   | 0      | 4         | 10   | 2   | 1      | 1         | 16   | 4   | 1      | 9         | 6    | 3   | 1      | 103   |
| 8:45 - 9:00 AM                    | 6         | 22   | 0   | 1      | 1         | 10   | 4   | 1      | 1         | 27   | 5   | 0      | 11        | 7    | 5   | 4      | 99    |
| <u>Hourly Total by 15 minutes</u> |           |      |     |        |           |      |     |        |           |      |     |        |           |      |     |        |       |
| 7:00 - 8:00 AM                    | 25        | 167  | 9   | 14     | 5         | 36   | 17  | 3      | 9         | 66   | 29  | 2      | 30        | 20   | 8   | 5      | 421   |
| 7:15 - 8:15 AM                    | 28        | 167  | 9   | 12     | 8         | 33   | 19  | 3      | 8         | 65   | 29  | 3      | 29        | 18   | 8   | 5      | 421   |
| 7:30 - 8:30 AM                    | 27        | 153  | 5   | 7      | 10        | 32   | 18  | 3      | 8         | 60   | 29  | 4      | 31        | 18   | 6   | 4      | 397   |
| 7:45 - 8:45 AM                    | 20        | 148  | 7   | 6      | 13        | 36   | 18  | 3      | 8         | 54   | 24  | 4      | 29        | 21   | 7   | 4      | 385   |
| 8:00 - 9:00 AM                    | 21        | 125  | 7   | 4      | 10        | 36   | 13  | 3      | 4         | 67   | 23  | 3      | 33        | 25   | 11  | 7      | 375   |
| Peak Hour<br>7:00 - 8:00 AM       | 25        | 167  | 9   | 14     | 5         | 36   | 17  | 3      | 9         | 66   | 29  | 2      | 30        | 20   | 8   | 5      | 421   |
| Peak Hour Factor                  |           | 0.87 |     |        |           | 0.63 |     |        |           | 0.81 |     |        |           | 0.76 |     |        | 0.91  |
| Percent Trucks                    |           | 7%   |     |        |           | 5%   |     |        |           | 2%   |     |        |           | 9%   |     |        |       |