

# Westfield Village



## Intersection Turning Movement Summary Report

Location ##### *Fourth Plain / 78th Avenue*

Date 12/20/2005

Day of Week Tuesday

Time Begin 7:00

Reviewed By: BV

| Time Period            | Eastbound |            |            | Westbound  |            |           | Northbound |           |           | Southbound |           |           | Totals      |
|------------------------|-----------|------------|------------|------------|------------|-----------|------------|-----------|-----------|------------|-----------|-----------|-------------|
|                        | Right     | Thru       | Left       | Right      | Thru       | Left      | Right      | Thru      | Left      | Right      | Thru      | Left      |             |
| 7:00 - 7:15            | 1         | 39         | 6          | 6          | 64         | 2         | 5          | 2         | 6         | 7          | 3         | 3         | 144         |
| 7:15 - 7:30            | 10        | 46         | 17         | 13         | 60         | 0         | 6          | 2         | 6         | 9          | 2         | 5         | 176         |
| 7:30 - 7:45            | 10        | 55         | 19         | 15         | 84         | 8         | 4          | 0         | 4         | 15         | 3         | 3         | 220         |
| 7:45 - 8:00            | 7         | 54         | 21         | 9          | 57         | 12        | 6          | 3         | 7         | 9          | 3         | 11        | 199         |
| 8:00 - 8:15            | 7         | 64         | 14         | 18         | 72         | 6         | 13         | 1         | 8         | 6          | 2         | 5         | 216         |
| 8:15 - 8:30            | 11        | 52         | 27         | 11         | 65         | 12        | 18         | 4         | 12        | 13         | 2         | 9         | 236         |
| 8:30 - 8:45            | 3         | 48         | 32         | 16         | 65         | 3         | 3          | 4         | 12        | 13         | 2         | 5         | 206         |
| 8:45 - 9:00            | 2         | 44         | 34         | 15         | 59         | 1         | 7          | 2         | 2         | 21         | 4         | 5         | 196         |
| <b>Movement Totals</b> | <b>51</b> | <b>402</b> | <b>170</b> | <b>103</b> | <b>526</b> | <b>44</b> | <b>62</b>  | <b>18</b> | <b>57</b> | <b>93</b>  | <b>21</b> | <b>46</b> | <b>1593</b> |
| Enter Totals           | 623       |            |            | 673        |            |           | 137        |           |           | 160        |           |           |             |
| Exit Totals            | 510       |            |            | 676        |            |           | 291        |           |           | 116        |           |           |             |

### Two-Hour Totals

|               |      |       |      |      |      |      |       |      |      |      |      |      |      |
|---------------|------|-------|------|------|------|------|-------|------|------|------|------|------|------|
| Light Trucks  | 3    | 39    | 3    | 0    | 26   | 2    | 6     | 0    | 4    | 1    | 0    | 1    | 85   |
| Medium Trucks | 0    | 5     | 0    | 0    | 5    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 10   |
| Heavy Trucks  | 0    | 1     | 1    | 1    | 1    | 0    | 1     | 0    | 0    | 0    | 0    | 0    | 5    |
| % Trucks      | 5.9% | 11.2% | 2.4% | 1.0% | 6.1% | 4.5% | 11.3% | 0.0% | 7.0% | 1.1% | 0.0% | 2.2% | 6.3% |
| Stopped Buses | 0    | 0     | 0    | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    |
| Bicycles      | 0    | 1     | 0    | 0    | 1    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 2    |

|             |            |           |           |            |    |
|-------------|------------|-----------|-----------|------------|----|
| Pedestrians | South<br>2 | West<br>3 | East<br>5 | North<br>2 | 12 |
|-------------|------------|-----------|-----------|------------|----|

### Peak Hour Information

Peak Hour 7:30 8:30

|                  | Eastbound |       |      | Westbound |      |      | Northbound |      |      | Southbound |      |      | Totals |
|------------------|-----------|-------|------|-----------|------|------|------------|------|------|------------|------|------|--------|
|                  | Right     | Thru  | Left | Right     | Thru | Left | Right      | Thru | Left | Right      | Thru | Left |        |
| Movement Total   | 35        | 225   | 81   | 53        | 278  | 38   | 41         | 8    | 31   | 43         | 10   | 28   | 871    |
| Peak Hour Factor | 0.80      | 0.88  | 0.75 | 0.74      | 0.83 | 0.79 | 0.57       | 0.50 | 0.65 | 0.72       | 0.83 | 0.64 | 0.92   |
| Enter Totals     | 341       |       |      | 81        |      |      | 80         |      |      | 369        |      |      |        |
| Peak Hour Factor | 0.95      |       |      | 0.84      |      |      | 0.59       |      |      | 0.86       |      |      |        |
| Exit Totals      | 294       |       |      | 83        |      |      | 142        |      |      | 352        |      |      |        |
| Peak Hour Factor | 0.90      |       |      | 0.83      |      |      | 0.85       |      |      | 0.85       |      |      |        |
| Light Trucks     | 1         | 26    | 2    | 0         | 14   | 2    | 5          | 0    | 3    | 0          | 0    | 0    | 53     |
| Medium Trucks    | 0         | 2     | 0    | 0         | 4    | 0    | 0          | 0    | 0    | 0          | 0    | 0    | 6      |
| Heavy Trucks     | 0         | 0     | 0    | 1         | 0    | 0    | 1          | 0    | 0    | 0          | 0    | 0    | 2      |
| % Trucks         | 2.9%      | 12.4% | 2.5% | 1.9%      | 6.5% | 5.3% | 14.6%      | 0.0% | 9.7% | 0.0%       | 0.0% | 0.0% | 7.0%   |
| Stopped Buses    | 0         | 0     | 0    | 0         | 0    | 0    | 0          | 0    | 0    | 0          | 0    | 0    | 0      |
| Bicycles         | 0         | 1     | 0    | 0         | 0    | 0    | 0          | 0    | 0    | 0          | 0    | 0    | 1      |

|             |            |           |           |            |   |
|-------------|------------|-----------|-----------|------------|---|
| Pedestrians | South<br>0 | West<br>0 | East<br>4 | North<br>1 | 5 |
|-------------|------------|-----------|-----------|------------|---|



## Intersection Turning Movement Peak Hour Diagram

**Location** NE FOURTH PLAIN BOULEVARD AT NE 78TH AVENUE  
**Date** 12/20/2005  
**Day of Week** Tuesday  
**Time Begin** 7:00  
**Reviewed By:** BV

