

Location: N 175th St (Fremont Ave N to Aurora Ave N)

Minimum Study

Table 1

| | | | | | | | |
|-----------------|-------|---|----|---|---------------|---|------|
| 85th (mph): | 34.80 | → | 35 | × | 3 | = | 105 |
| Pace (mph): | 30 | → | 30 | × | 3 | = | 90 |
| Test Run (mph): | 30 | → | 30 | × | 4 | = | 120 |
| | | | | | Average | = | 31.5 |
| | | | | | Nearest 5 MPH | = | 35 |

Table 2

| | | | |
|---|--------|---|---------------|
| Apparent Design Speed (mph): | 35 | → | 35 |
| Number of Intersections: | 3 | → | 45 |
| Proposed Zone Length (ft): | 1,300 | → | 37.5 |
| Daily Vehicle Volume | 10,746 | | |
| Speed Limit determined by Minimum Study | | = | 35 mph |
| Speed Limit recommended by Minimum Study | | = | 35 mph |

Refined Study

| | | | Adjustment, % |
|----------|---|------------------|------------------|
| Table 3 | Street Classification: (Non-Arterial=0, Collector=1, Minor=2, Principal=3) | 1 | → -1 |
| Table 4 | Number of non-Commercial Driveways: Number of Commercial Driveways: Driveways per Mile: | 3 8 239.63 | → -4 |
| Table 5 | Lane width (ft): | 11 | → +1 |
| Table 6 | Shoulder Type & Average Width (ft): (Enter -1 for Unpaved or No shoulder; "curb" for curb & gutter) | -1 | → -2 |
| Table 7 | Pedestrian Activity (None=0, Light=1, Medium=2, Heavy=3): Walkway Setback (ft): (Enter -1 for No walkway) | 3 2 | → -6 |
| Table 8 | Vertical Alignment (Level=0, Rolling=1, Hilly=2, Mountainous=3): Number of Horizontal Curves: Number of Horizontal Curves per mile: | 0 0 0.00 | → +3 |
| Table 9 | Parking Activity (No parking=0, Low=1, Medium=2, High=3): | 0 | → +4 |
| Table 10 | Accident Rate (per MVM): | 4.49 | → -6 |
| Table 11 | Number of uncontrolled, marked school crosswalks | 1 | → -2 |
| Table 12 | Number of Lanes | 4 | → +2 |
| | Speed Limit determined by Refined Study | = | 31.15 mph |
| | Speed Limit recommended by Refined Study | = | 30 mph |