

Intersection Level of Service

Current Condition

| Intersection | Control | Movement | AM Peak | PM Peak |
|-------------------------|---------|---------------------|------------|-----------|
| Baseline Rd & 119th St | | Overall | 83.9 F | 97.8 F |
| Emma St & Canterbury Dr | | Northbound Approach | 50.8 F | 11.1 B |
| Emma St & 120th St | | Northbound Left | 13.2 B | 8.5 A |
| | | Eastbound Approach | 799.3 F | 89.8 F |
| | | Westbound Approach | 113.0 F | 0.0 A |
| | | Southbound left | 0.0 A | 0.0 A |
| Flagg Dr & 120th St | | Westbound Approach | 17.0 C | 17.5 C |
| | | Southbound Left | 8.3 A | 9.2 A |
| S Boulder Rd & 120th St | | Overall | 71.0 F | 63.4 F |

With Willoughby Corner Improvements

| Intersection | Improvement | Control | Movement | 2020 AM Peak | 2020 PM Peak | 2040 AM Peak | 2040 PM Peak |
|-------------------------|--|---------|---------------------|--------------|--------------|--------------|--------------|
| Baseline Rd & 119th St | -Two EB and WB through lanes -EB + WB channelized right turn lane -WB & SB dual left turn lanes -NB + SB channelized right turn lane | | Overall | 40.3 D | 32.7 C | 52.5 D | 37.8 D |
| Emma St & Canterbury Dr | -Access allowed southbound on Canterbury Drive -NB left turn lane | | Northbound Left | 42.8 E | 10.9 B | 59.8 F | 11.8 B |
| | | | Northbound Right | 9.4 A | 9.5 A | 9.5 A | 9.9 A |
| | | | Westbound Left | 7.4 A | 7.5 A | 7.5 A | 7.6 A |
| | | | Overall | 12.5 B | 9.8 A | 27.8 C | 11.2 B |
| Emma St & 120th St | -Signalized -EB left turn lane -NB left turn lane -SB right turn lane | | Overall | 12.5 B | 9.8 A | 27.8 C | 11.2 B |
| Flagg Dr & 120th St | -SB left turn lane | | Westbound Approach | 14.8 B | 14.9 B | 24.3 C | 20.2 C |
| | | | Southbound Left | 8.4 A | 9.4 A | 9.1 A | 10.9 B |
| S Boulder Rd & 120th St | -Signalized -EB dual left turn lanes -EB channelized free right turn lane -NB left turn lane -SB left turn lane -SB right turn lane | | Overall | 7.8 A | 18.8 B | 14.2 B | 20.8 C |
| Emma St Access | -EB shared through/right turn lane -WB shared through/right turn lane -NB shared all movement lane | | Northbound Approach | 10.4 B | 9.6 A | 11.8 B | 10.2 B |
| | | | Westbound Left | 7.5 A | 7.7 A | 7.7 A | 7.8 A |
| 120th Street Access | -EB left and right turn lanes -Stop controlled EB approach -SB shared through/right turn lane -NB left turn lane | | Northbound Left | 8.9 A | 8.1 A | 9.8 A | 8.5 A |
| | | | Eastbound Left | 15.8 C | 17.5 C | 20.7 C | 24.2 C |
| | | | Eastbound Right | 14.5 B | 10.7 B | 19.8 C | 11.9 B |
| | | | Overall | 12.5 B | 9.8 A | 27.8 C | 11.2 B |