



Shannon Drive and Marikay Avenue

May 15-19, 2017

Traffic
Engineering
City of Aurora
Aurora, Illinois

| | |
|--------------------------|------------|
| Shannon ADT about | 580 |
| Marikay ADT about | 500 |

Intersection Design Study:

| Central S. Time | | Military Hours | | EB | WB | NB | SB |
|-----------------|----------|----------------|------|-----|-----|-----|-----|
| From: | To: | From: | To: | | | | |
| Midnight | 1:00am | 0 | 100 | 1 | 2 | 1 | 2 |
| 1:00am | 2:00am | 100 | 200 | 1 | 0 | 0 | 1 |
| 2:00am | 3:00am | 200 | 300 | 0 | 0 | 0 | 0 |
| 3:00am | 4:00am | 300 | 400 | 1 | 0 | 3 | 1 |
| 4:00am | 5:00am | 400 | 500 | 1 | 1 | 11 | 1 |
| 5:00am | 6:00am | 500 | 600 | 5 | 3 | 18 | 2 |
| 6:00am | 7:00am | 600 | 700 | 17 | 9 | 26 | 8 |
| 7:00am | 8:00am | 700 | 800 | 34 | 16 | 33 | 12 |
| 8:00am | 9:00am | 800 | 900 | 20 | 8 | 8 | 14 |
| 9:00am | 10:00am | 900 | 1000 | 15 | 10 | 11 | 7 |
| 10:00am | 11:00am | 1000 | 1100 | 16 | 15 | 13 | 8 |
| 11:00am | Noon | 1100 | 1200 | 17 | 16 | 12 | 12 |
| Noon | 1:00pm | 1200 | 1300 | 14 | 16 | 10 | 12 |
| 1:00pm | 2:00pm | 1300 | 1400 | 12 | 17 | 15 | 10 |
| 2:00pm | 3:00pm | 1400 | 1500 | 17 | 25 | 13 | 10 |
| 3:00pm | 4:00pm | 1500 | 1600 | 14 | 23 | 17 | 20 |
| 4:00pm | 5:00pm | 1600 | 1700 | 18 | 30 | 14 | 21 |
| 5:00pm | 6:00pm | 1700 | 1800 | 21 | 22 | 16 | 26 |
| 6:00pm | 7:00pm | 1800 | 1900 | 22 | 23 | 11 | 23 |
| 7:00pm | 8:00pm | 1900 | 2000 | 18 | 21 | 9 | 16 |
| 8:00pm | 9:00pm | 2000 | 2100 | 19 | 15 | 9 | 14 |
| 9:00pm | 10:00pm | 2100 | 2200 | 11 | 7 | 5 | 10 |
| 10:00pm | 11:00pm | 2200 | 2300 | 5 | 3 | 1 | 5 |
| 11:00pm | Midnight | 2300 | 2400 | 2 | 2 | 1 | 3 |
| | | | | 297 | 281 | 257 | 236 |
| | | | | 578 | | 493 | |
| | | | | EB | WB | NB | SB |

Shannon ADT about 580

Marikay ADT about 500

Shannon Drive and Marikay Avenue

| Shannon | EB | WB | All |
|---------|----|----|-----|
| 85th % | 22 | 20 | 21 |
| Mean | 19 | 17 | 18 |
| Median | 19 | 17 | 18 |

| Marikay | NB | SB | All |
|---------|----|----|-----|
| 85th % | 28 | 29 | 29 |
| Mean | 24 | 25 | 24 |
| Median | 24 | 25 | 24 |

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