



2035 Peak-Hour Operations Summary

PM Peak-Hour

February 14th, 2011

ID 5845-06-02

US 51 EIS, Stoughton - McFarland
I-39/90 to US 12 (Madison South Beltline)
Dane County

| | Location | | Overall LOS | | | | |
|------------------------|---|---------------------------|---|-----------------------------|--------------------------------|----------------------------------|-----------------------------------|
| | | | Future-No-Build | Alternative A: Low-Build | Alternative B: US 51 4-lane | Alternative C: WIS 138 4-lane | Alternative D: County N 4-lane |
| | Intersection | Two-lane Road | | | | | |
| Two-Lane Roadway | US 51 Between Mahoney Rd and Dyerson Rd | | D | E | A* | E | D |
| | US 51 Between Quam Dr and County B East | | E | E | A* | E | E |
| Intersections | US 51 and County MN | | Signalized | | | | |
| | | | D | D | D | D | D |
| | US 51 and Exchange St | | Unsignalized # Roundabout | | | | |
| | | | F | A | B | A | A |
| | US 51 and Tower Rd | | Unsignalized # No Direct Access to US 51 | | | | |
| | | | F | E | E | D | |
| | US 51 and Mahoney Rd | | Unsignalized # | | | | |
| | | | F | C | D | C | C |
| | US 51 and Dyerson Rd | | Unsignalized # Interchange | | | | |
| | | | F | F | No Direct Access to US 51 | F | F |
| | US 51 and County B/AB | | Unsignalized # Roundabout Interchange Roundabout | | | | |
| | | | F | A | No Direct Access to US 51 | A | A |
| | US 51 and Colladay Point Dr | | Unsignalized # Right-in-out # No Direct Access to US 51 | | | | |
| | | | F | D | | D | C |
| | US 51 and Schneider Dr | | Unsignalized # No Direct Access to US 51 | | | | |
| | | | F | F | | F | F |
| | US 51 and Charles Ln | | Unsignalized # Right-in-out # | | | | |
| | | | F | E | B | E | E |
| | US 51 and Lake Kegonsa Dr | | Unsignalized # | | | | |
| | | | F | F | D | F | F |
| US 51 and Halverson Rd | | Unsignalized # | | | | | |
| | | F | F | D | F | E | |
| US 51 and Brooklyn Dr | | Unsignalized # | | | | | |
| | | F | E | D | E | E | |
| US 51 and County B | | Unsignalized # Roundabout | | | | | |
| | | F | B | A | C | B | |
| US 51 and Roby Rd | | Signalized | | | | | |
| | | B | B | B | A | A | |
| US 51 and 138 west | | Unsignalized # Roundabout | | | | | |
| | | F | B | A | B | A | |
| US 51 and County N | | Signalized | | | | | |
| | | B | C | B | C | D | |
| County N and County B | | Unsignalized # Signalized | | | | | |
| | | F | D | B | B | C | |
| Downtown Stoughton | US 51 and Van Buren | | Signalized | | | | |
| | | | D | D | D | D | D |
| | US 51 and Page St | | Signalized | | | | |
| | | | D | F | E | E | E |
| US 51 and Division St | | Signalized | | | | | |
| | | C | D | C | C | B | |
| US 51 and S. 4th St | | Signalized | | | | | |
| | | B | C | C | C | D | |

Nearing Capacity when:

* 4 lane Section

| | |
|-------------|---|
| Overall LOS | D |
|-------------|---|

* 4 lane section

Level of Service (LOS) Scale

| LOS |
|-----|
| A |
| B |
| C |
| D |
| E |
| F |

Notes

Population forecast used 1.2% annual population growth (Historic Growth Scenario)

: Unsignalized LOS is for Poorest Approach using Highway Capacity Software (HCS)