

51 Comparison of Intersection Operations in Future Year 2045

No Build (US 51 2-Lane, No Median)

Alternative H (US 51 2-Lane With Median)

Intersection	No Build (US 51 2-Lane, No Median)	Alternative H (US 51 2-Lane With Median)
Tower Road	<p>EB: >1 hour at LOS F</p> <p>Full Access</p>	<p>West Leg Closed</p> <p>Full Access</p>
Mahoney Road	<p>EB: >1 hour at LOS F</p> <p>Full Access</p>	<p>EB: <15 minutes at LOS F</p> <p>Full Access with Median*</p>
Dyreson Road	<p>NB: <15 minutes at LOS F</p> <p>Full Access</p>	<p>Full Access with Median*</p>
Colladay Point Drive	<p>Full Access</p>	<p>Full Access with Median*</p>
Schneider Drive	<p>EB: >1 hour at LOS F</p> <p>Full Access</p> <p>WB: <1 hour at LOS F</p>	<p>Full Access with Median*</p>

Legend

2045 Average Annual Daily Traffic (AADT)

2045 PM Peak Hour Number of Cars in Queue Control Delay (seconds) LOS

Estimated Length of Delay at LOS F locations

Type of Access to US 51



Unsignalized Delay (seconds)	Level of Service (LOS)
25 to 35	D
35 to 50	E
50+	F

* = Median stores 1 vehicle





Comparison of Intersection Operations in Future Year 2045

No Build

(US 51 2-Lane, No Median)

Alternative H

(US 51 2-Lane With Median)

Intersection	No Build (US 51 2-Lane, No Median)	Alternative H (US 51 2-Lane With Median)
Charles Lane	<p>Full Access</p>	<p>Full Access with Median*</p>
Lake Kegonsa Road	<p>Full Access</p>	<p>Full Access with Median*</p>
Halverson Road	<p>Full Access</p>	<p>Full Access with Median*</p>
S. Quam Drive	<p>Full Access</p>	<p>Full Access with Median*</p>
Brooklyn Drive	<p>Full Access</p>	<p>Full Access with Median*</p>

Legend

2045 Average Annual Daily Traffic (AADT)

2045 PM Peak Hour Number of Cars in Queue Control Delay (seconds) LOS



Estimated Length of Delay at LOS F locations

Type of Access to US 51



Unsignalized Delay (seconds)	Level of Service (LOS)
25 to 35	D
35 to 50	E
50+	F

* = Median stores 1 vehicle

