

Existing and Existing Plus Project Intersection Levels of Service

Intersection	Peak Hour	Existing (EX)		EX + Project		EX + Project (Traffic Signals)	
		Delay ¹	LOS	Delay ¹	LOS	Delay ¹	LOS
1. Willow Rd/SR 1	AM	4.9 (12.4)	- (B)	5.1 (12.6)	- (B)	-	-
	PM	4.4 (13.4)	- (B)	4.6 (14.1)	- (B)	-	-
2. Willow Rd/Pomeroy Rd	AM	20.8	C	21.3	C	-	-
	PM	21.2	C	22.1	C	-	-
3. Willow Rd/Hetrick Ave	AM	4.2 (31.2)	- (D)	3.3 (33.0)	- (D)	-	-
	PM	1.8 (17.7)	- (C)	1.4 (18.7)	- (C)	-	-
4. Willow Rd/W Project Entry	AM	<i>Future Intersection</i>		4.5 (21.4)	- (C)	-	-
	PM	<i>Future Intersection</i>		3.4 (16.6)	- (C)	-	-
5. Willow Rd/N Frontage Rd	AM	<i>Future Intersection</i>		24.8	C	-	-
	PM	<i>Future Intersection</i>		15.4	B	-	-
6. Willow Rd/US 101 SB Ramps	AM	2.2 (12.8)	- (B)	3.6 (22.4)	- (C)	14.1	B
	PM	4.5 (12.7)	- (B)	14.8 (50.9)	- (F)	24.1	C
7. Willow Rd/US 101 NB Ramps	AM	32.1 (181.0)	- (F)	>200 (>200)	- (F)	18.6	B
	PM	8.6 (18.9)	- (C)	199.1 (>200)	- (F)	28.0	C
8. Willow Rd/Thompson Ave	AM	5.4 (15.3)	- (C)	8.0 (20.2)	- (C)	-	-
	PM	3.6 (11.0)	- (B)	4.9 (12.0)	- (B)	-	-
9. SW Project Entry/Pomeroy Rd	AM	<i>Future Intersection</i>		4.9 (15.2)	- (C)	-	-
	PM	<i>Future Intersection</i>		4.2 (17.2)	- (C)	-	-
10. W Tefft St/Pomeroy Rd	AM	15.0	B	18.1	B	-	-
	PM	15.8	B	19.5	B	-	-
11. W Tefft St/Mary Ave ²	AM	38.9/34.7	D/C	34.4	C	-	-
	PM	47.1/36.8	D/D	36.2	D	-	-
12. W Tefft St/US 101 SB Ramps/S Frontage Rd ²	AM	59.3/26.3	E/C	31.3	C	-	-
	PM	42.0/22.0	D/C	23.0	C	-	-
13. W Tefft St/US 101 NB Ramps ²	AM	23.5/19.5	C/B	20.5	C	-	-
	PM	39.7/19.1	D/B	19.3	B	-	-

1. HCM 6th average control delay in seconds per vehicle (HCM 2000 used for Intersections 10 & 12). For side-street-stop controlled intersections the worst approach's delay is reported in parentheses next to the overall intersection delay.

2. Values on left represent 2018 Existing Conditions when counts were collected. Values on right include the Tefft Street Ramp widening improvements which are currently under construction. EX+P results assume construction is complete.

Note: Unacceptable operations shown in **bold** text.

Cumulative and Cumulative Plus Project Intersection Levels of Service

Intersection	Peak Hour	Cumulative (CM)		CM + Project		CM + Project (Traffic Signals)	
		Delay ¹	LOS	Delay ¹	LOS	Delay ¹	LOS
1. Willow Rd/SR 1	AM	5.7 (14.0)	- (B)	6.0 (14.5)	- (B)	-	-
	PM	6.7 (18.6)	- (C)	7.1 (20.0)	- (C)	-	-
2. Willow Rd/Pomeroy Rd	AM	22.0	C	22.4	C	-	-
	PM	22.3	C	22.8	C	-	-
3. Willow Rd/Hetrick Ave	AM	5.2 (37.1)	- (E)	4.6 (38.8)	- (E)	-	-
	PM	3.1 (29.0)	- (D)	2.9 (31.7)	- (D)	-	-
4. Willow Rd/W Project Entry	AM	<i>Future Intersection</i>		4.5 (23.7)	- (C)	-	-
	PM	<i>Future Intersection</i>		3.5 (19.0)	- (C)	-	-
5. Willow Rd/N Frontage Rd	AM	<i>Future Intersection</i>		26.2	C	-	-
	PM	<i>Future Intersection</i>		17.7	B	-	-
6. Willow Rd/US 101 SB Ramps	AM	3.4 (13.6)	- (B)	4.8 (23.3)	- (C)	11.6	B
	PM	5.1 (14.1)	- (B)	16.3 (56.3)	- (F)	32.4	C
7. Willow Rd/US 101 NB Ramps	AM	14.5 (49.4)	- (E)	>200 (>200)	- (F)	17.7	B
	PM	13.8 (35.2)	- (E)	>200 (>200)	- (F)	24.9	C
8. Willow Rd/Thompson Ave	AM	4.9 (13.2)	- (B)	6.1 (14.8)	- (B)	-	-
	PM	4.3 (13.2)	- (B)	5.6 (15.0)	- (C)	-	-
9. SW Project Entry/Pomeroy Rd	AM	<i>Future Intersection</i>		5.1 (17.7)	- (C)	-	-
	PM	<i>Future Intersection</i>		4.3 (19.8)	- (C)	-	-
10. W Tefft St/Pomeroy Rd	AM	17.2	B	19.7	B	-	-
	PM	18.3	B	21.0	C	-	-
11. W Tefft St/Mary Ave	AM	40.3	D	39.9	D	-	-
	PM	44.0	D	43.9	D	-	-
12. W Tefft St/US 101 SB Ramps/S Frontage Rd	AM	96.6	F	101.7	F	-	-
	PM	87.1	F	89.0	F	-	-
13. W Tefft St/US 101 NB Ramps	AM	30.3	C	33.5	C	-	-
	PM	28.9	C	28.9	C	-	-

1. HCM 6th average control delay in seconds per vehicle (HCM 2000 used for Intersections 10 & 12). For side-street-stop controlled intersections the worst approach's delay is reported in parentheses next to the overall intersection delay.

Note: Unacceptable operations shown in **bold** text.