

TABLE 6: EXISTING INTERSECTIONS LEVEL OF SERVICE

	Intersection	Count Date	Control	Peak Hour¹	Delay²	LOS³
1	Stanford Avenue and El Camino Real	2/26/2013	Signal	AM PM	29.3 27.3	C C
2	Cambridge Avenue and El Camino Real	2/26/2013	Signal	AM PM	13.8 15.0	B B
3	California Avenue and El Camino Real	1/23/2013	Signal	AM PM	21.4 29.9	C+ C
4	California Avenue and Park Boulevard	2/26/2013	All-way stop	AM PM	8.0 8.5	A A
5	Grant Avenue and El Camino Real	2/26/2013	Side-street stop	AM PM	18.6 15.5	C C
6	Sheridan Avenue and Birch Street	1/24/2013 2/26/2013	Side-street stop	AM PM	21.4 17.1	C C
7	Sheridan Avenue and Park Boulevard	2/26/2013	Side-street stop	AM PM	11.0 12.6	B B
8	Page Mill Road and I-280 Southbound Off-Ramp	1/23/2013	All-way stop	AM PM	92.5 23.9	F C
9	Page Mill Road and Deer Creek Road	1/23/2013	Signal	AM PM	15.1 16.4	B B
10	Page Mill Road and Foothill Expressway-Junipero Serra Boulevard*	2/14/2013	Signal	AM PM	109.4 102.3	F F
11	Page Mill Road and Porter Drive	1/23/2013	Signal	AM PM	14.9 25.9	B C
12	Page Mill Road and Hanover Street*	2/14/2013	Signal	AM PM	39.7 50.5	D D
13	Page Mill Road and El Camino Real (SR-82)*	4/30/2013	Signal	AM PM	58.4 48.9	E+ D
14	Page Mill Road and Ash Street	1/23/2013	Side-street stop	AM PM	18.9 37.2	C E
15	Page Mill Road and Park Boulevard	1/24/2013 2/26/2013	Side-street stop	AM PM	14.6 19.5	B C
16	Oregon Expressway and Bryant Street	5/2/2013	Signal	AM PM	11.8 10.9	B+ B+
17	Oregon Expressway and Middlefield Road*	1/23/2013 2/26/2013	Signal	AM PM	89.1 60.2	F E



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18	Oregon Expressway and Louis Road	1/23/2013	Signal	AM PM	15.3 17.5	B B
19	Oregon Expressway and West Bayshore Road	1/23/2013	Signal	AM PM	14.0 14.1	B B
20	Park Boulevard and Project Driveway	1/24/2013 2/26/2013	Side-street stop	AM PM	11.1 10.8	B B
21	Olive Avenue and El Camino Real	1/24/2013 2/26/2013	Side-street stop	AM PM	99.3 119.0	F F
22	Olive Avenue and Park Boulevard	1/24/2013 2/26/2013	Side-street stop	AM PM	12.0 10.7	B B
23	Portage Avenue-Hansen Way and El Camino Real	1/24/2013 2/26/2013	Signal	AM PM	22.3 25.3	C+ C
24	Los Robles Avenue and El Camino Real	1/24/2013 2/26/2013	Signal	AM PM	24.9 21.9	C C+
25	East Meadow Drive and Alma Street	5/22/2013 5/7/2013	Signal	AM PM	37.9 36.1	D+ D+
26	Charleston Road-Arastradero Road and El Camino Real*	5/2/2013	Signal	AM PM	37.2 42.6	D+ D
27	East Charleston Road and Alma Street	2/27/2013	Signal	AM PM	48.4 55.6	D E+
28	San Antonio Road and El Camino Real*	2/27/2013 2/13/2013	Signal	AM PM	45.9 48.3	D D

Notes:

1. AM = morning peak hour, PM = evening peak hour
2. Whole intersection weighted average control delay expressed in second per vehicle for signalized intersections and all-way stop controlled intersections. Total control delay for the worst movement is presented for side-street stop controlled intersections. Signalized intersections include adjusted saturation flow rates to reflect Santa Clara County conditions per VTA guidelines.
3. LOS = Level of Service. LOS calculations conducted using the TRAFFIX level of service analysis software package, which applies the method described in the 2000 Highway Capacity Manual.

Bold text indicates deficient intersection operations.

* Denotes Congestion Management Program (CMP) intersection.

Source: Fehr & Peers, December 2013.

