

Table B-1: 2018 LOS Monitoring Results for Freeways (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F1	I-80 - EB	SF County Line	Toll Plaza	Oak	2.01	North	5	3319	52.8	C	3551	46	D
F2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1.3	North	6	3199	17.3	(F20)	3704	21.2	(F30)
F3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emery	0.54	North	6	3559	9.9	(F10)	3706	10.9	(F20)
F4	I-80 - EB	Powell	Ashby	Emery - Berk	0.72	North	6	2721	11.5	(F20)	3706	12.8	(F20)
F5	I-80 - EB	Ashby	University	Berk	1.3	North	5	2719	19.9	(F20)	3706	21.2	(F30)
F6	I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1.37	North	5	2628	29.6	(F30)	3349	30.7	E
F7	I-80 - EB	Jct I-580 (off)	Central (County Line)	Alb	0.84	North	4	2990	38.2	E	3706	40	E
F8	I-80 - WB	Central (County Line)	Jct I-580	Alb	0.7	North	4	2990	56.0	B	3705	62.1	A
F9	I-80 - WB	Jct I-580	University	Berk - Alb	1.51	North	6	2628	34.5	E	3588	45.8	D
F10	I-80 - WB	University	Ashby	Berk	1.31	North	5	2719	19.8	(F20)	3706	26.9	(F30)
F11	I-80 - WB	Ashby	Powell	Emery	0.71	North	5	2721	15.2	(F20)	3586	19.1	(F20)
F12	I-80 - WB	Powell	I-80/I-580 (Split)	Emery	0.47	North	6	3559	29.7	(F30)	3705	30.9	E
F13	I-80 - WB	I-580 Split	Toll Plaza	Oak	1.31	North	8	3076	38.5	E	3705	35	E
F14	I-80 - WB	Toll Plaza	SF County	Oak	2.01	North	4	3319	32.6	E	3706	23.6	(F30)
F15	I-238 - EB	I-880	I-580	Uninc-San L	2.59	Central	3	1910	32.8	E	1795	39.7	E
F16	I-238 - WB	I-580	I-880	Uninc-San L	2.48	Central	3	1910	48.9	D	1792	43.9	D
F17	I-580 - EB	I-580/I-238 changed f	Grove	Uninc	2.68	Central	5	3320	43.5	D	3706	54.1	C
F18	I-580 EB	Grove	Eden Canyon	Uninc - Plea	2.19	East	4	3205	41.1	D	3226	39.6	E
F19	I-580 EB	Eden Canyon	San Ramon/ Foothill	Uninc - Plea	4.82	East	4	2483	34.8	E	3587	23.9	(F30)
F20	I-580 EB	San Ramon/ Foothill	I-680	Plea	0.71	East	4	2846	23.0	(F30)	3706	14.9	(F20)
F21	I-580 EB	I-680	Hopyard	Plea	0.87	East	6	2604	22.0	(F30)	3586	14.8	(F20)
F22	I-580 EB	Hopyard	Santa Rita	Plea	1.9	East	6	2842	28.7	(F30)	3469	26.7	(F30)
F23	I-580 EB	Santa Rita	El Charro	Uninc-Pleas	1.25	East	6	3201	42.2	D	3587	45.8	D
F24	I-580 EB	El Charro	SR 84/Airway Blvd.	Uninc	1.72	East	6	2961	52.8	C	3587	60.7	A
F25	I-580 EB	SR 84/Airway Blvd.	Portola	Liv	1.73	East	5	2961	50.5	C	3706	63.7	A
F26	I-580 - EB	Portola	1st St	Liv	2.56	East	5	2396	31.3	E	3469	51.5	C
F27	I-580 - EB	1st St	Greenville	Liv	2.13	East	6	2029	14.1	(F20)	3346	22.8	(F30)
F28	I-580 - EB	Greenville	N.Flynn	Uninc	2.73	East	4	3200	27.6	(F30)	3589	21	(F30)
F29	I-580 - EB	N.Flynn	Grant Line	Uninc	4.32	East	4	2963	47.1	D	3586	33.7	E
F30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Uninc	0.87	East	5	3437	56.4	B	3706	58.8	B
F31	I-580 - WB	I-205 (SJ Co)	Grant Line	Uninc	0.72	East	5	2756	68.2	A	3337	69.3	A
F32	I-580 - WB	Grant Line	N Flynn	Uninc	4.59	East	4	2603	65.7	A	3706	66.8	A
F33	I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	2.43	East	5	3200	67.3	A	3706	67.3	A
F34	I-580 - WB	Greenville Rd	1st St	Liv	2.21	East	4	2030	67.7	A	3706	69.5	A
F35	I-580 - WB	1st St	Portola Ave	Liv	2.56	East	4	2515	68.7	A	3706	70.2	A
F36	I-580 - WB	Portola	SR 84/Airway Blvd	Liv	1.73	East	4	3080	68.0	A	3706	69	A
F37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Liv - Uninc	1.73	East	4	3080	67.6	A	3706	68.9	A
F38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Plea	1.23	East	4	3320	65.2	A	3706	65.9	A
F39	I-580 - WB	Tassajara Rd	I-680	Plea	2.78	East	4	2245	55.3	B	3447	55.4	B
F40	I-580 - WB	I-680	San Ramon Rd	Plea	0.71	East	4	2844	54.0	C	3586	57.2	B
F41	I-580 - WB	San Ramon Rd	Eden Caynon	Plea - Uninc	4.82	East	4	2483	58.3	B	3706	59.2	B
F42	I-580 - WB	Eden Canyon	Center St	Uninc	2.5	East	4	3203	64.8	A	3706	63.5	A
F43	I-580 - WB	Center	I-580/238	Uninc	2.26	Central	5	3320	63.5	A	3704	57.8	B

Table B-1: 2018 LOS Monitoring Results for Freeways (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F44	I-580 - EB	I-80	I-980	Oak	1.27	North	5	3197	19.2	(F20)	3706	19.5	(F20)
F45	I-580 - EB	I-980	Harrison	Oak	1.02	North	5	2962	16.0	(F20)	3706	15.7	(F20)
F46	I-580 - EB	Harrison	Lakeshore	Oak	0.84	North	4	3322	21.5	(F30)	3706	20.8	(F30)
F47	I-580 - EB	Lakeshore	Coolidge	Oak	2.21	North	5	2846	31.9	E	3466	30.5	E
F48	I-580 - EB	Coolidge	SH 13 Off	Oak	2.2	North	4	3228	29.7	(F30)	3706	31.7	E
F49	I-580 - EB	SH 13 Off	MacArthur	Oak	4.08	North	4	3432	51.3	C	3706	53.3	C
F50	I-580 - EB	MacArthur	I-580/238	San L - Uninc	3.78	Central	4	3101	65.3	A	3645	65.3	A
F51	I-580 - WB	I-238	Foothill/MacArthur	Uninc	3.86	Central	4	3112	65.3	A	3706	68.1	A
F52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oak	4.04	North	4	3433	62.4	A	3585	64.5	A
F53	I-580 - WB	SH 13 Off	Fruitvale	Oak	2.63	North	4	3228	66.4	A	3571	68.6	A
F54	I-580 - WB	Fruitvale	Harrison	Oak	2.68	North	4	2609	63.4	A	3580	65.4	A
F55	I-580 - WB	Harrison	SH 24 On-ramp	Oak	1.24	North	5	2962	58.8	B	3585	58.6	B
F56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oak	1.17	North	5	3197	23.8	(F30)	3706	24	(F30)
F57	I-580 - EB	Central (County Line)	I-80 Jct	Alb	0.7	North	2	3314	48.3	C	3699	51.4	C
F58	I-580 - WB	I-80 Jct	Central (County Line)	Alb	0.86	North	3	3345	56.0	C	3706	55	B
F59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	2.26	South	3	3410	35.3	E	3706	23.3	(F30)
F60	I-680 - NB	Rt 262/Mission	Durham Rd	Fre	1.62	South	3	3197	8.4	(F10)	3706	9	(F10)
F61	I-680 - NB	Durham Rd	Washington Blvd	Fre	1.3	South	3	2992	8.7	(F10)	3706	12.2	(F20)
F62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	1.14	South	3	3208	13.8	(F20)	3586	20.8	(F30)
F63	I-680 NB	SR 238/Mission	Vargas Rd	Fre	1.1	South	4	3559	16.7	(F20)	3706	22.2	(F30)
F64	I-680 NB	Vargas Rd	Andrade Rd	Uninc	2.21	South	4	3197	15.1	(F20)	3586	20.2	(F30)
F65	I-680 NB	Andrade Rd	Calaveras	Uninc	1.15	South	3	3077	25.2	(F30)	3586	33.9	E
F66	I-680 NB	Calaveras	Rt.84/Vallecitos	Uninc	0.39	South	3	3200	43.1	D	3706	50.9	C
F67	I-680 NB	SR 84	Sunol Blvd	Plea - Uninc	3.52	East	3	3200	66.9	A	3706	67.8	A
F68	I-680 NB	Sunol Blvd.	Bernal Ave	Plea - Uninc	1.49	East	3	3320	65.1	A	3706	62	A
F69	I-680 NB	Bernal Ave	Stoneridge Dr	Plea	2.53	East	3	3320	60.1	A	3706	58.5	B
F70	I-680 NB	Stoneridge Dr	I-580	Plea	0.74	East	4	3200	60.6	A	3706	59.1	B
F71	I-680 - NB	I-580	Alcosta	Dub	1.85	East	4	2960	65.3	A	3586	66.1	A
F72	I-680 - SB	Alcosta	I-580	Dub	1.85	East	5	2960	66.8	A	3706	68.3	A
F73	I-680 SB	I-580	Stoneridge Dr	Plea	0.73	East	4	3200	64.7	A	3706	61.6	A
F74	I-680 SB	Stoneridge Dr	Bernal	Plea	2.54	East	3	3320	65.3	A	3466	63.9	A
F75	I-680 SB	Bernal Ave.	Sunol Blvd	Uninc	1.49	East	3	3318	65.9	A	3466	66.7	A
F76	I-680 SB	Sunol Blvd.	SR 84	Uninc	3.71	East	3	3074	66.8	A	3576	65.4	A
F77	I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Uninc	1.33	South	4	3074	66.5	A	3706	66.9	A
F78	I-680 SB	Andrade Rd	Sheridon Rd	Uninc	1.4	South	5	3200	63.0	A	3706	64.6	A
F79	I-680 SB	Sheridon Rd	Vargas Rd	Uninc	0.81	South	4	3318	64.8	A	3706	65.9	A
F80	I-680 SB	Vargas Rd	SR 238/Mission	Fre	1.11	South	4	3557	67.8	A	3706	69.7	A
F81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fre	1.14	South	4	3197	68.1	A	3706	70.2	A
F82	I-680 - SB	Washington Blvd	Durham Rd	Fre	1.35	South	4	2983	67.6	A	3706	69.3	A
F83	I-680 - SB	Durham Rd	Rt 262/Mission	Fre	1.63	South	4	3228	65.1	A	3706	66	A
F84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fre	2.25	South	4	3439	68.2	A	3706	70.5	A
F85	I-880 - NB	Dix Landing	SR 262/Mission	Fre	2.09	South	6	3199	25.0	(F30)	3589	25.1	(F30)
F86	I-880 - NB	SR 262/Mission	AutoMall Pkwy	Fre	2.43	South	4	3079	30.4	E	3590	32.2	E

Table B-1: 2018 LOS Monitoring Results for Freeways (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F87	I-880 - NB	AutoMall Pkwy	Stevenson	Fre	1.53	South	4	3559	38.7	E	3706	45.1	D
F88	I-880 - NB	Stevenson	Decoto	Fre	4.06	South	4	2120	19.7	(F20)	3106	27	(F30)
F89	I-880 - NB	Decoto	Alvarado Blvd	Fre	1.17	South	4	3199	17.0	(F20)	3706	18.7	(F20)
F90	I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fre- Uni Cty	1.57	South	4	2846	20.5	(F30)	3706	22.4	(F30)
F91	I-880 - NB	Alv-Niles	Tennyson	Uni Cty - Hay	2.6	South	4	2480	17.5	(F20)	3706	18.7	(F20)
F92	I-880 - NB	Tennyson	SR 92	Hay	1.02	Central	5	2720	25.1	(F30)	3665	25.7	(F30)
F93	I-880 - NB	SR 92	A St	Hay	1.68	Central	5	3077	30.9	E	3665	32.4	E
F94	I-880 - NB	A St	I-238 (Marina before O	Uninc	1.95	Central	5	3439	50.6	C	3706	55.9	B
F95	I-880 - NB	I-880/1238 (split)	Marina Blvd	San L	2.54	Central	5	1796	57.2	B	1675	56.1	B
F96	I-880 - NB	Marina Blvd	SR 112/Davis	San L	0.82	Central	4	2150	41.3	D	1795	50.9	C
F97	I-880 - NB	SR 112/Davis	Hegenberger	Oak - San L	1.83	Central	4	1670	48.2	D	1558	57.3	B
F98	I-880 - NB	Hegenberger	High/42nd	Oak	2.34	North	4	1913	32.8	E	1795	55.1	B
F99	I-880 - NB	High/42nd	23rd (1st on)	Oak	1.25	North	4	1916	49.9	C	1795	53.7	C
F100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	2.63	North	4	1909	59.4	B	1795	57.8	B
F101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	2.43	North	4	3558	54.1	C	3700	59.4	B
F102	I-880 - NB	I-880/I-80 (split)	I-880/I-80 (merge)	Oak	1.44	North	4	3433	11.4	(F20)	3702	13.6	(F20)
F103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1.28	North	4	3439	50.2	C	3586	48.4	D
F104	I-880 - SB	I-880/I-80 merge	Jct 980	Oak	2.51	North	4	3199	21.1	(F30)	3706	22.3	(F30)
F105	I-880 - SB	I-980	23rd	Oak	2.74	North	5	1796	15.3	(F20)	1795	14.4	(F20)
F106	I-880 - SB	23rd St	High/42nd	Oak	1.1	North	5	1916	30.2	E	1675	31.7	E
F107	I-880 - SB	High/42nd	Hegenberger	Oak	2.36	North	4	1913	37.1	E	1675	37.5	E
F108	I-880 - SB	Hegenberger	SR 112/Davis	Oak - San L	1.82	North	4	1670	49.5	C	1795	55.7	B
F109	I-880 - SB	SR 112/Davis	Marina Blvd	San L	0.82	North	4	2150	47.8	D	1795	51.6	C
F110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oak - San L	2.55	North	4	1796	48.9	D	1795	51.8	C
F111	I-880 - SB	I-238 (Marina before O	A St	Uninc	1.91	Central	5	3439	38.6	E	3586	39.2	E
F112	I-880 - SB	A St	Rt 92	Hay	1.7	Central	5	3199	39.4	E	3706	41.5	D
F113	I-880 - SB	Rt 92	Tennyson	Hay	1.01	Central	5	2720	36.4	E	3706	40	E
F114	I-880 - SB	Tennyson	Alv-Niles	Hay - Uni Cty	2.6	Central	4	2480	45.4	D	3347	44.1	D
F115	I-880 - SB	Alvarado-Niles	Alvarado	Uni Cty - Fre	1.56	South	4	2846	57.4	B	3706	56.4	B
F116	I-880 - SB	Alvarado	Decoto	Fre	1.19	South	4	3079	53.7	C	3706	54.2	C
F117	I-880 - SB	Decoto	Stevenson	Fre	4.06	South	4	2000	56.6	B	3346	53.4	C
F118	I-880 - SB	Stevenson	AutoMall Pkwy	Fre	1.52	Central	4	3559	62.6	A	3706	62.6	A
F119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fre	2.83	Central	4	3079	65.3	A	3586	64.1	A
F120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fre	1.69	South	4	3199	67.1	A	3706	66.4	A
F121	I-980 - WB	SR 24 @ 580	I-880	Oak	2.49	North	4	1791	61.2	A	1791	58.9	B
F122	I-980 - EB	I-880	SR 24 @ 580	Oak	2.44	North	4	1911	43.3	D	1795	55.5	B
F123	SR 13 - NB	Mountain On	Carson/Redwood (1)	Oak	1.27	North	2	3337	60.9	A	3690	55.5	B
F124	SR 13 - NB	Carson/Redwood (1)	Joaquin Miller	Oak	1.08	North	2	3365	62.4	A	3691	61.7	A
F125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oak	1.83	North	2	3402	35.0	E	3694	44.2	D
F126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oak	1.63	North	2	1983	17.5	(F20)	2973	22.6	(F30)
F127	SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1.6	North	2	2222	41.5	D	3354	36.3	E
F128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1.85	North	2	3328	53.7	C	3688	49	C
F129	SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1.07	North	2	3427	58.9	B	3686	50	C

Table B-1: 2018 LOS Monitoring Results for Freeways (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1.4	North	2	3330	14.8	(F20)	3561	13.7	(F20)
F131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oak	1.84	North	4	3439	13.0	(F20)	3706	20.2	(F30)
F132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1.65	North	4	3325	11.1	(F20)	3706	12.9	(F20)
F133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1.04	North	4	2770	25.1	(F30)	3586	26.8	(F30)
F134	SR 24 - WB	Fish Ranch Road (CC)	Caldecott (exit)	Oak	0.99	North	4	2209	57.9	B	3705	59.4	B
F135	SR 24 - WB	Caldecott (exit)	Broadway	Oak	1.73	North	4	2483	61.5	A	3705	61.5	A
F136	SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1.86	North	4	3439	63.5	A	3687	66	A
F137	SR 84 - EB	San M CL	Toll Plaza	Fre	3.29	South	3	3559	48.2	D	3706	50.3	C
F138	SR 84 - EB	Toll Plaza	Thornton	Fre	0.54	South	3	3559	53.5	C	3706	57.7	B
F139	SR 84 - EB	Thornton Ave/Pascon	Newark Blvd/Ardenwood	New	1.16	South	3	3559	46.9	D	3706	49.3	C
F140	SR 84 - EB	Newark Blvd/Ardenwood	I-880 NB (off)	New	1.2	South	2	3557	16.5	(F20)	3706	15.6	(F20)
F141	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	New	1.21	South	3	3413	47.1	D	3605	48.1	D
F142	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	New	1.15	South	3	3079	64.1	A	3553	65.4	A
F143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fre	0.54	South	3	3377	53.0	C	3599	54.1	C
F144	SR 84 - WB	Toll Plaza	San M CL	Fre	3.29	Central	3	3559	61.9	A	3681	68.2	A
F145	SR 92 - EB	San M CL	Toll Plaza	Hay	2.78	Central	3	3438	39.2	E	1311	40.6	E
F146	SR 92 - EB	Toll Plaza	Clawiter	Hay	1.87	Central	3	3437	38.6	E	3703	37.5	E
F147	SR 92 - EB	Clawiter	I-880	Hay	2.07	Central	4	3064	30.7	E	3567	36.2	E
F148	SR 92 - WB	I-880	Clawiter	Hay	2.05	Central	4	2776	61.0	A	3608	62.3	A
F149	SR 92 - WB	Clawiter	Toll Plaza	Hay	1.88	Central	4	3439	58.6	B	3706	58.5	B
F150	SR 92 - WB	Toll Plaza	San M CL	Hay	2.79	Central	3	3439	65.5	A	1311	67.6	A

Table B-2: 2018 LOS Monitoring Results for Freeways (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F1	I-80 - EB	SF County Line	Toll Plaza	Oak	2.01	North	5	2795	62.2	A	3706	61.6	A
F2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1.3	North	6	1889	63.2	A	3706	64.1	A
F3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emery	0.54	North	6	3070	58.7	B	3706	58.7	B
F4	I-80 - EB	Powell	Ashby	Emery - Berk	0.72	North	6	3386	61.4	A	3706	60.2	A
F5	I-80 - EB	Ashby	University	Berk	1.3	North	5	3504	62.9	A	3706	60.9	A
F6	I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1.37	North	5	2962	63.5	A	3586	61	A
F7	I-80 - EB	Jct I-580 (off)	Central (County Line)	Alb	0.84	North	4	3305	65.3	A	3706	64.7	A
F8	I-80 - WB	Central (County Line)	Jct I-580	Alb	0.7	North	4	3305	17.1	(F20)	3706	20.5	(F30)
F9	I-80 - WB	Jct I-580	University	Berk - Alb	1.51	North	6	2962	19.7	(F20)	3349	22.3	(F30)
F10	I-80 - WB	University	Ashby	Berk	1.31	North	5	3504	26.7	(F30)	3587	29.9	(F30)
F11	I-80 - WB	Ashby	Powell	Emery	0.71	North	5	3386	26.9	(F30)	3706	29.8	(F30)
F12	I-80 - WB	Powell	I-80/I-580 (Split)	Emery	0.47	North	6	3270	21.0	(F30)	3692	24.6	(F30)
F13	I-80 - WB	I-580 Split	Toll Plaza	Oak	1.31	North	8	2088	7.6	(F10)	3692	10.5	(F20)
F14	I-80 - WB	Toll Plaza	SF County	Oak	2.01	North	4	2677	24.2	(F30)	3706	39.7	E
F15	I-238 - EB	I-880	I-580	Uninc-San L	2.59	Central	3	3040	47.4	D	3706	43.3	D
F16	I-238 - WB	I-580	I-880	Uninc-San L	2.48	Central	3	2920	21.4	(F30)	3586	19.6	(F20)
F17	I-580 - EB	I-580/I-238 changed f	Grove	Uninc	2.68	Central	5	3149	37.4	E	3706	34.4	E
F18	I-580 EB	Grove	Eden Canyon	Uninc - Plea	2.19	East	4	3156	46.0	D	3706	44.9	D
F19	I-580 EB	Eden Canyon	San Ramon/ Foothill	Uninc - Plea	4.82	East	4	2910	57.7	B	3706	58.7	B
F20	I-580 EB	San Ramon/ Foothill	I-680	Plea	0.71	East	4	2789	62.6	A	3706	64.9	A
F21	I-580 EB	I-680	Hopyard	Plea	0.87	East	6	2666	65.3	A	3706	66.3	A
F22	I-580 EB	Hopyard	Santa Rita	Plea	1.9	East	6	2428	65.6	A	3706	67.5	A
F23	I-580 EB	Santa Rita	El Charro	Uninc-Pleas	1.25	East	6	3020	66.2	A	3706	68.8	A
F24	I-580 EB	El Charro	SR 84/Airway Blvd.	Uninc	1.72	East	6	2906	66.1	A	3586	68.2	A
F25	I-580 EB	SR 84/Airway Blvd.	Portola	Liv	1.73	East	5	3021	66.4	A	3706	68.7	A
F26	I-580 - EB	Portola	1st St	Liv	2.56	East	5	3140	66.5	A	3706	69.1	A
F27	I-580 - EB	1st St	Greenville	Liv	2.13	East	6	3028	66.3	A	3586	67.9	A
F28	I-580 - EB	Greenville	N.Flynn	Uninc	2.73	East	4	2786	64.2	A	3587	67.2	A
F29	I-580 - EB	N.Flynn	Grant Line	Uninc	4.32	East	4	2795	67.7	A	3706	69.2	A
F30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Uninc	0.87	East	5	3199	66.2	A	3635	66.8	A
F31	I-580 - WB	I-205 (SJ Co)	Grant Line	Uninc	0.72	East	5	3367	26.7	(F30)	3706	19.2	(F20)
F32	I-580 - WB	Grant Line	N Flynn	Uninc	4.59	East	4	2563	34.8	E	3706	33.8	E
F33	I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	2.43	East	5	2908	53.5	C	3586	54.1	C
F34	I-580 - WB	Greenville Rd	1st St	Liv	2.21	East	4	3147	64.0	A	3347	61.8	A
F35	I-580 - WB	1st St	Portola Ave	Liv	2.56	East	4	3259	60.0	A	3706	57.4	B
F36	I-580 - WB	Portola	SR 84/Airway Blvd	Liv	1.73	East	4	3140	54.6	C	3586	48.4	D
F37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Liv - Uninc	1.73	East	4	2906	47.5	D	3706	49.2	C
F38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Plea	1.23	East	4	3020	43.9	D	3706	47.9	D
F39	I-580 - WB	Tassajara Rd	I-680	Plea	2.78	East	4	2192	50.2	C	3467	48.4	D
F40	I-580 - WB	I-680	San Ramon Rd	Plea	0.71	East	4	2908	63.6	A	3706	61.3	A
F41	I-580 - WB	San Ramon Rd	Eden Caynon	Plea - Uninc	4.82	East	4	3029	63.7	A	3706	60.2	A
F42	I-580 - WB	Eden Canyon	Center St	Uninc	2.5	East	4	3275	62.7	A	3706	57.5	B
F43	I-580 - WB	Center	I-580/238	Uninc	2.26	Central	5	3267	53.4	C	3706	49.6	C

Table B-2: 2018 LOS Monitoring Results for Freeways (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F44	I-580 - EB	I-80	I-980	Oak	1.27	North	5	3384	57.5	B	3706	57.8	B
F45	I-580 - EB	I-980	Harrison	Oak	1.02	North	5	3136	64.8	A	3703	65.4	A
F46	I-580 - EB	Harrison	Lakeshore	Oak	0.84	North	4	3382	66.8	A	3702	66.6	A
F47	I-580 - EB	Lakeshore	Coolidge	Oak	2.21	North	5	3265	66.2	A	3702	66.7	A
F48	I-580 - EB	Coolidge	SH 13 Off	Oak	2.2	North	4	3363	67.5	A	3705	67.9	A
F49	I-580 - EB	SH 13 Off	MacArthur	Oak	4.08	North	4	2558	68.6	A	3706	68.2	A
F50	I-580 - EB	MacArthur	I-580/238	San L - Uninc	3.78	Central	4	3033	66.2	A	3699	67.8	A
F51	I-580 - WB	I-238	Foothill/MacArthur	Uninc	3.86	Central	4	3030	43.9	D	3706	49.5	C
F52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oak	4.04	North	4	2562	27.7	(F30)	3706	27.7	(F30)
F53	I-580 - WB	SH 13 Off	Fruitvale	Oak	2.63	North	4	3384	23.9	(F30)	3586	21.9	(F30)
F54	I-580 - WB	Fruitvale	Harrison	Oak	2.68	North	4	3149	45.5	D	3347	42.5	D
F55	I-580 - WB	Harrison	SH 24 On-ramp	Oak	1.24	North	5	3156	49.4	C	3467	53.3	C
F56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oak	1.17	North	5	3069	24.6	(F30)	3706	33.2	E
F57	I-580 - EB	Central (County Line)	I-80 Jct	Alb	0.7	North	2	3305	23.1	(F30)	3706	24.7	(F30)
F58	I-580 - WB	I-80 Jct	Central (County Line)	Alb	0.86	North	3	3304	60.8	A	3706	59.6	B
F59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	2.26	South	3	3484	63.9	A	3706	61.7	A
F60	I-680 - NB	Rt 262/Mission	Durham Rd	Fre	1.62	South	3	3245	66.3	A	3706	65.2	A
F61	I-680 - NB	Durham Rd	Washington Blvd	Fre	1.3	South	3	3273	65.8	A	3706	61.8	A
F62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	1.14	South	3	3152	63.8	A	3706	60.9	A
F63	I-680 NB	SR 238/Mission	Vargas Rd	Fre	1.1	South	4	3504	63.5	A	3706	61	A
F64	I-680 NB	Vargas Rd	Andrade Rd	Uninc	2.21	South	4	2905	65.9	A	3351	65.3	A
F65	I-680 NB	Andrade Rd	Calaveras	Uninc	1.15	South	3	3140	65.9	A	3706	65.1	A
F66	I-680 NB	Calaveras	Rt.84/Vallecitos	Uninc	0.39	South	3	3026	64.9	A	3706	64.3	A
F67	I-680 NB	SR 84	Sunol Blvd	Plea - Uninc	3.52	East	3	3024	67.5	A	3706	57.3	B
F68	I-680 NB	Sunol Blvd.	Bernal Ave	Plea - Uninc	1.49	East	3	3143	67.1	A	3587	45.6	D
F69	I-680 NB	Bernal Ave	Stoneridge Dr	Plea	2.53	East	3	3023	63.6	A	3706	66	A
F70	I-680 NB	Stoneridge Dr	I-580	Plea	0.74	East	4	2904	42.7	D	3586	58.6	B
F71	I-680 - NB	I-580	Alcosta	Dub	1.85	East	4	2912	37.3	E	3587	51.2	C
F72	I-680 - SB	Alcosta	I-580	Dub	1.85	East	5	2912	62.7	A	3706	56.1	B
F73	I-680 SB	I-580	Stoneridge Dr	Plea	0.73	East	4	2904	39.9	E	3586	30.2	E
F74	I-680 SB	Stoneridge Dr	Bernal	Plea	2.54	East	3	3023	31.0	E	3586	26.2	(F30)
F75	I-680 SB	Bernal Ave.	Sunol Blvd	Uninc	1.49	East	3	3143	30.6	E	3587	28.4	(F30)
F76	I-680 SB	Sunol Blvd.	SR 84	Uninc	3.71	East	3	3024	44.4	D	3700	43.3	D
F77	I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Uninc	1.33	South	4	3026	56.4	B	3706	56.7	B
F78	I-680 SB	Andrade Rd	Sheridon Rd	Uninc	1.4	South	5	3259	56.7	B	3706	56.1	B
F79	I-680 SB	Sheridon Rd	Vargas Rd	Uninc	0.81	South	4	2905	58.9	B	3706	58.2	B
F80	I-680 SB	Vargas Rd	SR 238/Mission	Fre	1.11	South	4	3504	62.4	A	3706	60.3	A
F81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fre	1.14	South	4	3152	60.5	A	3586	58.7	B
F82	I-680 - SB	Washington Blvd	Durham Rd	Fre	1.35	South	4	3273	48.3	D	3469	47.9	D
F83	I-680 - SB	Durham Rd	Rt 262/Mission	Fre	1.63	South	4	3265	45.7	D	3706	53.3	C
F84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fre	2.25	South	4	3504	66.2	A	3706	67.5	A
F85	I-880 - NB	Dix Landing	SR 262/Mission	Fre	2.09	South	6	3504	67.5	A	3706	68.5	A
F86	I-880 - NB	SR 262/Mission	AutoMall Pkwy	Fre	2.43	South	4	3384	65.3	A	3586	66	A

Table B-2: 2018 LOS Monitoring Results for Freeways (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F87	I-880 - NB	AutoMall Pkwy	Stevenson	Fre	1.53	South	4	3504	64.4	A	3706	65.4	A
F88	I-880 - NB	Stevenson	Decoto	Fre	4.06	South	4	2444	63.8	A	3587	62.5	A
F89	I-880 - NB	Decoto	Alvarado Blvd	Fre	1.17	South	4	2795	60.5	A	3587	63.1	A
F90	I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fre- Uni Cty	1.57	South	4	3028	58.6	B	3586	49.2	C
F91	I-880 - NB	Alv-Niles	Tennyson	Uni Cty - Hay	2.6	South	4	2672	43.5	D	3229	46	D
F92	I-880 - NB	Tennyson	SR 92	Hay	1.02	Central	5	2919	47.2	D	3706	49.4	C
F93	I-880 - NB	SR 92	A St	Hay	1.68	Central	5	2680	45.8	D	3706	46.9	D
F94	I-880 - NB	A St	I-238 (Marina before O	Uninc	1.95	Central	5	2911	38.8	E	3587	38.3	E
F95	I-880 - NB	I-880/1238 (split)	Marina Blvd	San L	2.54	Central	5	3182	23.2	(F30)	3468	23.2	(F30)
F96	I-880 - NB	Marina Blvd	SR 112/Davis	San L	0.82	Central	4	3388	22.8	(F30)	3706	23.9	(F30)
F97	I-880 - NB	SR 112/Davis	Hegenberger	Oak - San L	1.83	Central	4	3273	24.4	(F30)	3706	24.5	(F30)
F98	I-880 - NB	Hegenberger	High/42nd	Oak	2.34	North	4	3145	19.7	(F20)	3466	19.1	(F20)
F99	I-880 - NB	High/42nd	23rd (1st on)	Oak	1.25	North	4	3384	24.9	(F30)	3706	23.2	(F30)
F100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	2.63	North	4	3149	48.1	D	3706	46.4	D
F101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	2.43	North	4	3268	63.4	A	3706	62.2	A
F102	I-880 - NB	I-880/I-80 (split)	I-880/I-80 (merge)	Oak	1.44	North	4	2953	60.3	A	3706	59	B
F103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1.28	North	4	3069	56.8	B	3706	55.8	B
F104	I-880 - SB	I-880/I-80 merge	Jct 980	Oak	2.51	North	4	3033	65.3	A	3706	63.3	A
F105	I-880 - SB	I-980	23rd	Oak	2.74	North	5	2909	55.3	B	3706	42.3	D
F106	I-880 - SB	23rd St	High/42nd	Oak	1.1	North	5	3384	54.1	C	3586	53.5	C
F107	I-880 - SB	High/42nd	Hegenberger	Oak	2.36	North	4	3145	62.2	A	3706	61.8	A
F108	I-880 - SB	Hegenberger	SR 112/Davis	Oak - San L	1.82	North	4	3273	63.9	A	3706	65.2	A
F109	I-880 - SB	SR 112/Davis	Marina Blvd	San L	0.82	North	4	3388	60.8	A	3706	64.7	A
F110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oak - San L	2.55	North	4	3182	45.4	D	3586	56.6	B
F111	I-880 - SB	I-238 (Marina before O	A St	Uninc	1.91	Central	5	2911	25.0	(F30)	3346	30	E
F112	I-880 - SB	A St	Rt 92	Hay	1.7	Central	5	2680	25.5	(F30)	3706	31	E
F113	I-880 - SB	Rt 92	Tennyson	Hay	1.01	Central	5	2919	23.4	(F30)	3467	24.5	(F30)
F114	I-880 - SB	Tennyson	Alv-Niles	Hay - Uni Cty	2.6	Central	4	2672	22.9	(F30)	3228	22	(F30)
F115	I-880 - SB	Alvarado-Niles	Alvarado	Uni Cty - Fre	1.56	Central	4	3028	25.2	(F30)	3706	22.4	(F30)
F116	I-880 - SB	Alvarado	Decoto	Fre	1.19	Central	4	2911	28.6	(F30)	3706	25.2	(F30)
F117	I-880 - SB	Decoto	Stevenson	Fre	4.06	South	4	2560	30.3	E	3466	25.8	(F30)
F118	I-880 - SB	Stevenson	AutoMall Pkwy	Fre	1.52	Central	4	3504	43.6	D	3706	42	D
F119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fre	2.83	Central	4	3384	47.5	D	3466	46.7	D
F120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fre	1.69	South	4	3504	46.1	D	3706	41.7	D
F121	I-980 - WB	SR 24 @ 580	I-880	Oak	2.49	North	4	2681	59.9	B	3706	63.7	A
F122	I-980 - EB	I-880	SR 24 @ 580	Oak	2.44	North	4	3036	62.0	A	3705	62	A
F123	SR 13 - NB	Mountain On	Carson/Redwood (1)	Oak	1.27	North	2	3403	39.2	E	3668	31.6	E
F124	SR 13 - NB	Carson/Redwood (1)	Joaquin Miller	Oak	1.08	North	2	3444	30.0	E	3677	24.3	(F30)
F125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oak	1.83	North	2	3359	31.9	E	3674	31	E
F126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oak	1.63	North	2	2402	33.9	E	2901	36	E
F127	SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1.6	North	2	933	53.7	C	1999	55.9	B
F128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1.85	North	2	3008	62.9	A	3656	64.2	A
F129	SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1.07	North	2	3117	66.0	A	3690	67	A

Table B-2: 2018 LOS Monitoring Results for Freeways (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1.4	North	2	3066	57.4	B	3674	54.2	C
F131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oak	1.84	North	4	3388	64.3	A	3702	66.1	A
F132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1.65	North	4	3384	58.8	B	3704	61.1	A
F133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1.04	North	4	2683	53.0	C	3464	50.9	C
F134	SR 24 - WB	Fish Ranch Road (CC)	Caldecott (exit)	Oak	0.99	North	4	3362	55.0	B	3706	55	B
F135	SR 24 - WB	Caldecott (exit)	Broadway	Oak	1.73	North	4	3362	60.2	A	3706	58.7	B
F136	SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1.86	North	4	3504	53.3	C	3706	52.8	C
F137	SR 84 - EB	San M CL	Toll Plaza	Fre	3.29	South	3	3385	65.4	A	3689	66.7	A
F138	SR 84 - EB	Toll Plaza	Thornton	Fre	0.54	South	3	3378	67.1	A	3647	64.3	A
F139	SR 84 - EB	Thornton Ave/Pascon	Newark Blvd/Ardenwood	New	1.16	South	3	3165	64.4	A	3634	64.4	A
F140	SR 84 - EB	Newark Blvd/Ardenwood	I-880 NB (off)	New	1.2	South	2	3119	49.6	C	3628	48.7	D
F141	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	New	1.21	South	3	3386	37.2	E	3706	42.5	D
F142	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	New	1.15	South	3	3384	29.0	(F30)	3706	40.9	E
F143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fre	0.54	South	3	3386	22.3	(F30)	3706	23.9	(F30)
F144	SR 84 - WB	Toll Plaza	San M CL	Fre	3.29	Central	3	3386	32.2	E	3706	29.2	(F30)
F145	SR 92 - EB	San M CL	Toll Plaza	Hay	2.78	Central	3	3271	67.2	A	1313	69	A
F146	SR 92 - EB	Toll Plaza	Clawiter	Hay	1.87	Central	3	3009	67.1	A	3704	67.9	A
F147	SR 92 - EB	Clawiter	I-880	Hay	2.07	Central	4	1737	58.7	B	2803	59.8	B
F148	SR 92 - WB	I-880	Clawiter	Hay	2.05	Central	4	2916	21.6	(F30)	3706	32.2	E
F149	SR 92 - WB	Clawiter	Toll Plaza	Hay	1.88	Central	4	3038	20.2	(F30)	3706	21.5	(F30)
F150	SR 92 - WB	Toll Plaza	San M CL	Hay	2.79	Central	3	3274	39.9	E	1313	36.5	E

Table B-3: 2018 LOS Monitoring Results for Freeways (Tier 1) - Weekend Midday Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F1	I-80 - EB	SF County Line	Toll Plaza	Oak	2.01	North	5	2397	58.1	B	2370	51.9	C
F2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1.3	North	6	2387	41.6	D	2368	57.6	B
F3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emery	0.54	North	6	2397	21.2	(F30)	2370	22.9	(F30)
F4	I-80 - EB	Powell	Ashby	Emery - Berk	0.72	North	6	2397	21.5	(F30)	2370	22.1	(F30)
F5	I-80 - EB	Ashby	University	Berk	1.3	North	5	2397	37.6	E	2370	36.5	E
F6	I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1.37	North	5	2397	57.5	B	2370	54.3	C
F7	I-80 - EB	Jct I-580 (off)	Central (County Line)	Alb	0.84	North	4	2393	63.5	A	2370	63.5	A
F8	I-80 - WB	Central (County Line)	Jct I-580	Alb	0.7	North	4	2397	25.7	(F30)	2370	33.1	E
F9	I-80 - WB	Jct I-580	University	Berk - Alb	1.51	North	6	2397	21.1	(F30)	2370	21.7	(F30)
F10	I-80 - WB	University	Ashby	Berk	1.31	North	5	2397	24.6	(F30)	2370	26	(F30)
F11	I-80 - WB	Ashby	Powell	Emery	0.71	North	5	2397	22.6	(F30)	2370	25.6	(F30)
F12	I-80 - WB	Powell	I-80/I-580 (Split)	Emery	0.47	North	6	2397	28.1	(F30)	2370	25.2	(F30)
F13	I-80 - WB	I-580 Split	Toll Plaza	Oak	1.31	North	8	2393	14.3	(F20)	2370	13.4	(F20)
F14	I-80 - WB	Toll Plaza	SF County	Oak	2.01	North	4	2397	27.9	(F30)	2370	32.9	E
F15	I-238 - EB	I-880	I-580	Uninc-San L	2.59	Central	3	2395	57.7	B	2370	54.5	C
F16	I-238 - WB	I-580	I-880	Uninc-San L	2.48	Central	3	2328	41.4	D	2294	40.6	E
F17	I-580 - EB	I-580/I-238 changed f	Grove	Uninc	2.68	Central	5	2389	56.8	B	2370	59.2	B
F18	I-580 EB	Grove	Eden Canyon	Uninc - Plea	2.19	East	4	2397	54.5	C	2370	50.7	C
F19	I-580 EB	Eden Canyon	San Ramon/ Foothill	Uninc - Plea	4.82	East	4	2397	63.6	A	2370	63	A
F20	I-580 EB	San Ramon/ Foothill	I-680	Plea	0.71	East	4	2397	67.0	A	2370	64.7	A
F21	I-580 EB	I-680	Hopyard	Plea	0.87	East	6	2397	66.8	A	2370	62.9	A
F22	I-580 EB	Hopyard	Santa Rita	Plea	1.9	East	6	2397	65.9	A	2370	62.4	A
F23	I-580 EB	Santa Rita	El Charro	Uninc-Pleas	1.25	East	6	2397	67.4	A	2370	65.8	A
F24	I-580 EB	El Charro	SR 84/Airway Blvd.	Uninc	1.72	East	6	2397	68.8	A	2370	68.2	A
F25	I-580 EB	SR 84/Airway Blvd.	Portola	Liv	1.73	East	5	2397	68.0	A	2370	64.8	A
F26	I-580 - EB	Portola	1st St	Liv	2.56	East	5	2397	69.8	A	2370	69	A
F27	I-580 - EB	1st St	Greenville	Liv	2.13	East	6	2397	56.0	B	2370	68.6	A
F28	I-580 - EB	Greenville	N.Flynn	Uninc	2.73	East	4	2397	46.6	D	2370	61.7	A
F29	I-580 - EB	N.Flynn	Grant Line	Uninc	4.32	East	4	2397	64.2	A	2370	66.6	A
F30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Uninc	0.87	East	5	2159	65.4	A	2301	67.4	A
F31	I-580 - WB	I-205 (SJ Co)	Grant Line	Uninc	0.72	East	5	1860	65.0	A	2126	68.5	A
F32	I-580 - WB	Grant Line	N Flynn	Uninc	4.59	East	4	2397	58.3	B	2370	65	A
F33	I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	2.43	East	5	2397	68.6	A	2370	68.4	A
F34	I-580 - WB	Greenville Rd	1st St	Liv	2.21	East	4	2393	63.7	A	2370	70.7	A
F35	I-580 - WB	1st St	Portola Ave	Liv	2.56	East	4	2397	54.1	C	2370	70.6	A
F36	I-580 - WB	Portola	SR 84/Airway Blvd	Liv	1.73	East	4	2397	67.4	A	2370	69.2	A
F37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Liv - Uninc	1.73	East	4	2397	67.3	A	2370	67.9	A
F38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Plea	1.23	East	4	2397	59.4	B	2370	55	B
F39	I-580 - WB	Tassajara Rd	I-680	Plea	2.78	East	4	2397	48.2	D	2343	34.5	E
F40	I-580 - WB	I-680	San Ramon Rd	Plea	0.71	East	4	2397	65.0	A	2370	63.9	A
F41	I-580 - WB	San Ramon Rd	Eden Caynon	Plea - Uninc	4.82	East	4	2397	68.1	A	2370	66.1	A
F42	I-580 - WB	Eden Canyon	Center St	Uninc	2.5	East	4	2397	68.7	A	2370	69.7	A
F43	I-580 - WB	Center	I-580/238	Uninc	2.26	Central	5	2363	66.2	A	2359	65.1	A

Table B-3: 2018 LOS Monitoring Results for Freeways (Tier 1) - Weekend Midday Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F44	I-580 - EB	I-80	I-980	Oak	1.27	North	5	2396	54.7	C	2370	54.2	C
F45	I-580 - EB	I-980	Harrison	Oak	1.02	North	5	2397	61.3	A	2370	63.9	A
F46	I-580 - EB	Harrison	Lakeshore	Oak	0.84	North	4	2395	62.8	A	2370	65	A
F47	I-580 - EB	Lakeshore	Coolidge	Oak	2.21	North	5	2393	63.2	A	2370	65.8	A
F48	I-580 - EB	Coolidge	SH 13 Off	Oak	2.2	North	4	2370	66.1	A	2370	66.7	A
F49	I-580 - EB	SH 13 Off	MacArthur	Oak	4.08	North	4	2383	67.0	A	2370	66.7	A
F50	I-580 - EB	MacArthur	I-580/238	San L - Uninc	3.78	Central	4	2386	65.3	A	2318	66.1	A
F51	I-580 - WB	I-238	Foothill/MacArthur	Uninc	3.86	Central	4	2371	68.1	A	2366	67.5	A
F52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oak	4.04	North	4	2350	66.5	A	2359	66.1	A
F53	I-580 - WB	SH 13 Off	Fruitvale	Oak	2.63	North	4	2369	64.2	A	2351	67.4	A
F54	I-580 - WB	Fruitvale	Harrison	Oak	2.68	North	4	2387	62.1	A	2367	63.2	A
F55	I-580 - WB	Harrison	SH 24 On-ramp	Oak	1.24	North	5	2397	48.1	D	2370	51	C
F56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oak	1.17	North	5	2397	25.1	(F30)	2370	26.5	(F30)
F57	I-580 - EB	Central (County Line)	I-80 Jct	Alb	0.7	North	2	2384	37.8	E	2369	37.7	E
F58	I-580 - WB	I-80 Jct	Central (County Line)	Alb	0.86	North	3	2344	58.8	B	2369	58.5	B
F59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	2.26	South	3	2393	59.1	B	2370	62.2	A
F60	I-680 - NB	Rt 262/Mission	Durham Rd	Fre	1.62	South	3	2393	41.7	D	2370	32.9	E
F61	I-680 - NB	Durham Rd	Washington Blvd	Fre	1.3	South	3	2397	37.4	E	2370	27.5	(F30)
F62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	1.14	South	3	2396	47.2	D	2370	37.9	E
F63	I-680 NB	SR 238/Mission	Vargas Rd	Fre	1.1	South	4	2397	61.7	A	2370	58	B
F64	I-680 NB	Vargas Rd	Andrade Rd	Uninc	2.21	South	4	2397	66.2	A	2370	56.6	B
F65	I-680 NB	Andrade Rd	Calaveras	Uninc	1.15	South	3	2397	64.4	A	2370	57.7	B
F66	I-680 NB	Calaveras	Rt.84/Vallecitos	Uninc	0.39	South	3	2397	63.5	A	2370	61.5	A
F67	I-680 NB	SR 84	Sunol Blvd	Plea - Uninc	3.52	East	3	2389	63.7	A	2370	65.7	A
F68	I-680 NB	Sunol Blvd.	Bernal Ave	Plea - Uninc	1.49	East	3	2394	55.6	B	2370	54	C
F69	I-680 NB	Bernal Ave	Stoneridge Dr	Plea	2.53	East	3	2394	61.3	A	2370	55.2	B
F70	I-680 NB	Stoneridge Dr	I-580	Plea	0.74	East	4	2394	63.7	A	2370	63.5	A
F71	I-680 - NB	I-580	Alcosta	Dub	1.85	East	4	2397	66.8	A	2370	67.8	A
F72	I-680 - SB	Alcosta	I-580	Dub	1.85	East	5	2397	69.1	A	2367	70.3	A
F73	I-680 SB	I-580	Stoneridge Dr	Plea	0.73	East	4	2397	65.1	A	2367	63.2	A
F74	I-680 SB	Stoneridge Dr	Bernal	Plea	2.54	East	3	2392	66.5	A	2370	64.7	A
F75	I-680 SB	Bernal Ave.	Sunol Blvd	Uninc	1.49	East	3	2392	66.2	A	2370	65.4	A
F76	I-680 SB	Sunol Blvd.	SR 84	Uninc	3.71	East	3	2397	67.7	A	2199	66.9	A
F77	I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Uninc	1.33	South	4	2397	67.3	A	2370	69.1	A
F78	I-680 SB	Andrade Rd	Sheridon Rd	Uninc	1.4	South	5	2397	64.0	A	2370	66.1	A
F79	I-680 SB	Sheridon Rd	Vargas Rd	Uninc	0.81	South	4	2397	65.8	A	2370	67.8	A
F80	I-680 SB	Vargas Rd	SR 238/Mission	Fre	1.11	South	4	2397	68.5	A	2370	71	A
F81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fre	1.14	South	4	2397	68.9	A	2370	70.8	A
F82	I-680 - SB	Washington Blvd	Durham Rd	Fre	1.35	South	4	2397	67.9	A	2370	68.6	A
F83	I-680 - SB	Durham Rd	Rt 262/Mission	Fre	1.63	South	4	2376	54.9	C	2370	58.6	B
F84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fre	2.25	South	4	2374	68.7	A	2370	71.5	A
F85	I-880 - NB	Dix Landing	SR 262/Mission	Fre	2.09	South	6	2394	67.8	A	2370	67.4	A
F86	I-880 - NB	SR 262/Mission	AutoMall Pkwy	Fre	2.43	South	4	2393	64.8	A	2370	63.4	A

Table B-3: 2018 LOS Monitoring Results for Freeways (Tier 1) - Weekend Midday Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F87	I-880 - NB	AutoMall Pkwy	Stevenson	Fre	1.53	South	4	2397	62.4	A	2370	60.5	A
F88	I-880 - NB	Stevenson	Decoto	Fre	4.06	South	4	2397	63.3	A	2370	60.2	A
F89	I-880 - NB	Decoto	Alvarado Blvd	Fre	1.17	South	4	2397	52.9	C	2370	51.8	C
F90	I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fre- Uni Cty	1.57	South	4	2397	48.6	D	2370	51.8	C
F91	I-880 - NB	Alv-Niles	Tennyson	Uni Cty - Hay	2.6	South	4	2397	40.5	E	2370	39	E
F92	I-880 - NB	Tennyson	SR 92	Hay	1.02	Central	5	2397	47.4	D	2370	38.1	E
F93	I-880 - NB	SR 92	A St	Hay	1.68	Central	5	2397	45.7	D	2370	41.6	D
F94	I-880 - NB	A St	I-238 (Marina before O	Uninc	1.95	Central	5	2397	53.2	C	2370	54.5	C
F95	I-880 - NB	I-880/1238 (split)	Marina Blvd	San L	2.54	Central	5	2397	60.4	A	2370	65.2	A
F96	I-880 - NB	Marina Blvd	SR 112/Davis	San L	0.82	Central	4	2397	55.9	B	2370	62.3	A
F97	I-880 - NB	SR 112/Davis	Hegenberger	Oak - San L	1.83	Central	4	2397	55.7	B	2370	59.2	B
F98	I-880 - NB	Hegenberger	High/42nd	Oak	2.34	North	4	2397	53.8	C	2370	38.2	E
F99	I-880 - NB	High/42nd	23rd (1st on)	Oak	1.25	North	4	2397	57.5	B	2370	41.1	D
F100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	2.63	North	4	2394	59.4	B	2370	54.6	C
F101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	2.43	North	4	2385	61.7	A	2365	64.7	A
F102	I-880 - NB	I-880/I-80 (split)	I-880/I-80 (merge)	Oak	1.44	North	4	2386	38.6	E	2367	45.8	D
F103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1.28	North	4	2397	55.8	B	2370	56.5	B
F104	I-880 - SB	I-880/I-80 merge	Jct 980	Oak	2.51	North	4	2395	64.9	A	2370	67.4	A
F105	I-880 - SB	I-980	23rd	Oak	2.74	North	5	2397	54.2	C	2370	49.4	C
F106	I-880 - SB	23rd St	High/42nd	Oak	1.1	North	5	2397	46.4	D	2370	48.6	D
F107	I-880 - SB	High/42nd	Hegenberger	Oak	2.36	North	4	2397	47.1	D	2370	52.8	C
F108	I-880 - SB	Hegenberger	SR 112/Davis	Oak - San L	1.82	North	4	2397	62.9	A	2370	62.9	A
F109	I-880 - SB	SR 112/Davis	Marina Blvd	San L	0.82	North	4	2397	63.0	A	2370	66.7	A
F110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oak - San L	2.55	North	4	2397	59.7	B	2370	63.4	A
F111	I-880 - SB	I-238 (Marina before O	A St	Uninc	1.91	Central	5	2397	37.9	E	2370	39.1	E
F112	I-880 - SB	A St	Rt 92	Hay	1.7	Central	5	2397	46.2	D	2370	48.3	D
F113	I-880 - SB	Rt 92	Tennyson	Hay	1.01	Central	5	2397	45.7	D	2370	49.6	C
F114	I-880 - SB	Tennyson	Alv-Niles	Hay - Uni Cty	2.6	Central	4	2397	49.5	C	2370	47.9	D
F115	I-880 - SB	Alvarado-Niles	Alvarado	Uni Cty - Fre	1.56	Central	4	2397	51.7	C	2370	46.5	D
F116	I-880 - SB	Alvarado	Decoto	Fre	1.19	Central	4	2397	42.5	D	2370	38.8	E
F117	I-880 - SB	Decoto	Stevenson	Fre	4.06	South	4	2397	44.7	D	2370	44.9	D
F118	I-880 - SB	Stevenson	AutoMall Pkwy	Fre	1.52	Central	4	2397	61.1	A	2370	59	B
F119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fre	2.83	Central	4	2396	65.5	A	2370	65.8	A
F120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fre	1.69	South	4	2397	66.9	A	2370	67.1	A
F121	I-980 - WB	SR 24 @ 580	I-880	Oak	2.49	North	4	2338	63.6	A	2368	66.9	A
F122	I-980 - EB	I-880	SR 24 @ 580	Oak	2.44	North	4	2350	60.9	A	2347	63.8	A
F123	SR 13 - NB	Mountain On	Carson/Redwood (1)	Oak	1.27	North	2	1849	60.6	A	2300	62.2	A
F124	SR 13 - NB	Carson/Redwood (1)	Joaquin Miller	Oak	1.08	North	2	1845	61.9	A	2285	63.7	A
F125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oak	1.83	North	2	1828	61.3	A	2298	62.5	A
F126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oak	1.63	North	2	1338	47.2	D	1949	43.8	D
F127	SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1.6	North	2	902	52.9	C	1705	55	B
F128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1.85	North	2	1811	61.7	A	2254	64.7	A
F129	SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1.07	North	2	1945	65.6	A	2295	65.2	A

Table B-3: 2018 LOS Monitoring Results for Freeways (Tier 1) - Weekend Midday Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
F130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1.4	North	2	1857	60.8	A	2230	51.1	C
F131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oak	1.84	North	4	2370	63.9	A	2367	65.4	A
F132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1.65	North	4	2381	54.7	C	2370	46.7	D
F133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1.04	North	4	1969	44.9	D	2370	39.2	E
F134	SR 24 - WB	Fish Ranch Road (CC)	Caldecott (exit)	Oak	0.99	North	4	2019	58.8	B	2370	59.2	B
F135	SR 24 - WB	Caldecott (exit)	Broadway	Oak	1.73	North	4	2014	65.5	A	2370	65.7	A
F136	SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1.86	North	4	2389	59.3	B	2370	61.4	A
F137	SR 84 - EB	San M CL	Toll Plaza	Fre	3.29	South	3	2355	65.3	A	2345	67.2	A
F138	SR 84 - EB	Toll Plaza	Thornton	Fre	0.54	South	3	2293	66.4	A	2342	66.9	A
F139	SR 84 - EB	Thornton Ave/Pascon	Newark Blvd/Ardenwood	New	1.16	South	3	2178	64.7	A	2340	66.6	A
F140	SR 84 - EB	Newark Blvd/Ardenwood	I-880 NB (off)	New	1.2	South	2	2136	46.0	D	2337	45.5	D
F141	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	New	1.21	South	3	2211	47.5	D	2304	46.6	D
F142	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	New	1.15	South	3	2069	63.3	A	2233	65.8	A
F143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fre	0.54	South	3	2316	47.9	D	2274	51.5	C
F144	SR 84 - WB	Toll Plaza	San M CL	Fre	3.29	Central	3	2360	61.2	A	2318	67.7	A
F145	SR 92 - EB	San M CL	Toll Plaza	Hay	2.78	Central	3	2380	66.1	A	2370	67.4	A
F146	SR 92 - EB	Toll Plaza	Clawiter	Hay	1.87	Central	3	2363	66.3	A	2368	67.6	A
F147	SR 92 - EB	Clawiter	I-880	Hay	2.07	Central	4	1392	58.4	B	1670	59.2	B
F148	SR 92 - WB	I-880	Clawiter	Hay	2.05	Central	4	2265	61.2	A	2326	63.6	A
F149	SR 92 - WB	Clawiter	Toll Plaza	Hay	1.88	Central	4	2387	53.8	C	2370	52.5	C
F150	SR 92 - WB	Toll Plaza	San M CL	Hay	2.79	Central	3	2387	65.2	A	2370	52.5	C

B.2 | Ramps and Special Segments (Tier 1)

Table B-4: 2018 LOS Monitoring Results for Ramps and Special Segments (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
R1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oak	North	0.4	2		28.5	C	3706	25.1	D
R2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oak	North	0.45	2	3675	18.9	F	3706	18.2	F
R3	SR 24 WB/I-580 WB	SR 24 Off	I-580 On	Oak	North	0.77	2	7	49.8	N/A	6	51.5	N/A
R4	I-580/SR 24 Interchange	I-580 WB	SR-24 EB	Oak	North	0.53	2	3352	17.5	F	3388	29.6	D
R5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oak	North	0.75	2	3168	16.2	F	3575	14	F
R6	SR13/SR 24 Interchange	SR-13 NB	SR-24 EB	Oak	North	0.33	1	3591	11.4	F	3697	13.2	F
R7	SR13/SR 24 Interchange	SR-24 WB	SR-13 SB	Oak	North	0.16	1	3332	24.9	B	3649	19.8	D
R8	I-880/I-238 Interchange	I-880 SB	I-238 EB	SL	Central	0.75	2	2150	26.0	E	3230	33.2	C
R9	I-880/I-238 Interchange	I-238 WB	I-880 NB	SL	Central	0.51	2	2150	52.9	A	3224	53.6	A
R10	I-880/I-238 Interchange	I-880 NB	I-238 EB	SL	Central	0.42	2	3679	21.2	D	3706	28.4	B
R11	I-880/I-238 Interchange	I-238 WB	I-880 SB	SL	Central	0.81	2	3676	47.4	B	3706	44.4	B
R12	I-580 /I-238 Interchange	I-580 SB	I-238 WB	Hay	Central	0.7	1	3679	52.0	A	3706	64.6	A
R13	I-580 /I-238 Interchange	I-238 EB	I-580 NB	Hay	Central	0.36	1	3679	64.4	A	3704	65.4	A
R14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleas	East	0.52	1	3285	33.6	A	3619	33.6	A
R15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleas	East	0.29	1	2685	39.5	A	3053	39.4	A
R16	I-580/I-680 Interchange	I-680 NB	I-580 EB	Pleas	East	0.92	2	3666	53.8	B	3703	47.6	C
R17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleas	East	0.62	1	2919	37.6	A	3322	37	A
R18	I-580/I-680 Interchange	I-580 WB	I-680 NB	Pleas	East	0.42	2	3550	50.1	A	3700	51.6	A
R19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleas	East	0.64	1	3426	37.4	A	3677	35	B
R20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleas	East	1.22	2	3630	58.1	B	3695	55.2	B
R21	I-580/I-680 Interchange	I-680 SB	I-580 WB	Pleas	East	0.44	2	3621	48.6	B	3667	55.7	A
R22	I-880/SR 260 Connection	I-880 SB	SR-260 WB	Oak	North	0.99	varies	6	16.6	E	6	10	F
R23	I-880/SR 260 Connection	SR-260 EB	I-880 NB	Oak	North	0.41	varies	6	17.2	F	6	16.3	F

Table B-5: 2018 LOS Monitoring Results for Ramps and Special Segments (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
R1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oak	North	0.4	2	3619	46.1	A	3706	46.3	A
R2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oak	North	0.45	2	3617	37.4	A	3706	40.9	A
R3	SR 24 WB/I-580 WB	SR 24 Off	I-580 On	Oak	North	0.77	2	7	30.7	N/A	6	47.2	N/A
R4	I-580/SR 24 Interchange	I-580 WB	SR-24 EB	Oak	North	0.53	2	2998	53.5	A	3152	53.0	A
R5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oak	North	0.75	2	2914	42.7	B	3115	48.5	A
R6	SR13/SR 24 Interchange	SR-13 NB	SR-24 EB	Oak	North	0.33	1	3065	43.9	A	3591	44.8	A
R7	SR13/SR 24 Interchange	SR-24 WB	SR-13 SB	Oak	North	0.16	1	3219	37.3	A	3484	38.1	A
R8	I-880/I-238 Interchange	I-880 SB	I-238 EB	SL	Central	0.75	2	3608	50.0	A	3705	49.4	A
R9	I-880/I-238 Interchange	I-238 WB	I-880 NB	SL	Central	0.51	2	3619	13.0	F	3706	11.1	F
R10	I-880/I-238 Interchange	I-880 NB	I-238 EB	SL	Central	0.42	2	3619	46.8	A	3706	46.5	A
R11	I-880/I-238 Interchange	I-238 WB	I-880 SB	SL	Central	0.81	2	3619	29.6	E	3706	37.2	C
R12	I-580 /I-238 Interchange	I-580 SB	I-238 WB	Hay	Central	0.7	1	3619	45.6	A	3706	45.3	A
R13	I-580 /I-238 Interchange	I-238 EB	I-580 NB	Hay	Central	0.36	1	3619	64.7	A	3706	65.2	A
R14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleas	East	0.52	1	3480	30.5	B	3686	38.9	A
R15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleas	East	0.29	1	3081	21.5	E	3505	22.1	E
R16	I-580/I-680 Interchange	I-680 NB	I-580 EB	Pleas	East	0.92	2	3575	55.4	B	3699	56.6	B
R17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleas	East	0.62	1	3340	33.8	B	3226	35.9	B
R18	I-580/I-680 Interchange	I-580 WB	I-680 NB	Pleas	East	0.42	2	3557	46.1	B	3706	49.3	A
R19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleas	East	0.64	1	3594	16.3	F	3689	12.7	F
R20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleas	East	1.22	2	3556	61.8	A	3702	61.3	A
R21	I-580/I-680 Interchange	I-680 SB	I-580 WB	Pleas	East	0.44	2	3555	58.5	A	3699	56.1	A
R22	I-880/SR 260 Connection	I-880 SB	SR-260 WB	Oak	North	0.99	varies	6	39.0	A	6	15.4	A
R23	I-880/SR 260 Connection	SR-260 EB	I-880 NB	Oak	North	0.41	varies	6	4.3	F	6	15.7	F

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A1	150th St - EB	Hesperian	I-580	San L	0.49	II	Central	6	13.0	E	1198	12.7	E
A2	150th St - WB	I-580	Hesperian	San L	0.49	II	Central	6	12.9	E	68	15.6	D
A3	A Street - EB	I-880	Western	Hay	1.08	II	Central	6	21.7	C	1529	20.8	C
A4	A Street - EB	Western	SR 185 (previously SR 238)	Hay	0.31	III	Central	6	11.9	D	2477	10.8	D
A5	A Street - WB	SR 238	Western	Hay	0.54	III	Central	6	17.2	C	2381	14.1	C
A6	A Street - WB	Western	I-880	Hay	1.07	II	Central	6	19.1	C	1338	17.9	D
A7	Atlantic - EB	Main	Webster	Ala	0.81	II	North	6	23.3	C	6	19.2	C
A8	Atlantic - WB	Webster	Main	Ala	0.81	II	North	6	23.4	C	6	25.9	B
A9	Hegenberger - EB	SR 61	Edgewater	Oak	0.77	I	North	6	24.2	C	1608	21.7	D
A10	Hegenberger - EB	Edgewater	Baldwin	Oak	0.73	I	North	6	24.7	C	3344	24.8	C
A11	Hegenberger - EB	Baldwin	E 14th	Oak	1.02	I	North	6	25.3	C	2319	24.4	C
A12	Hegenberger - WB	E 14th	Baldwin	Oak	1.02	I	North	6	24.7	C	2273	31.0	B
A13	Hegenberger - WB	Baldwin	Edgewater	Oak	0.72	I	North	6	21.9	D	2954	24.4	C
A14	Hegenberger - WB	Edgewater	SR 61	Oak	0.77	I	North	6	22.6	C	2430	23.9	C
A15	Hesperian - NB	Tennyson	SH 92 - WB	Hay	0.49	I	Central	8	13.5	E	2421	15.0	E
A16	Hesperian - NB	SH 92	La Playa	Hay	0.78	II	Central	8	18.0	C	2461	14.8	D
A17	Hesperian - NB	La Playa	W.Winton Ave.	Hay	0.43	II	Central	8	4.1	F	3532	14.4	D
A18	Hesperian - NB	W.Winton Ave	A St	Hay	0.97	II	Central	8	22.4	C	3619	20.6	C
A19	Hesperian - NB	A St	Hacienda	Uninc	0.67	II	Central	8	16.1	D	3038	18.4	C
A20	Hesperian - NB	Hacienda	Grant	Uninc	0.66	II	Central	8	22.9	C	3490	19.7	C
A21	Hesperian - NB	Grant	Llewelling	Uninc	0.27	II	Central	8	9.8	F	3120	11.2	E
A22	Hesperian - NB	Llewelling	Springlake	Uninc	0.39	II	Central	8	19.1	C	2604	15.0	D
A23	Hesperian - NB	Springlake	Fairmont	San L	0.66	II	Central	8	10.7	E	3271	15.7	D
A24	Hesperian - NB	Fairmont	14th	San L	0.31	II	Central	8	12.9	E	361	13.9	E

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A25	Hesperian - SB	14th	Fairmont	San L	0.31	II	Central	8	12.2	E	220	16.1	D
A26	Hesperian - SB	Fairmont	Springlake	San L	0.66	II	Central	8	14.1	D	1759	18.3	C
A27	Hesperian - SB	Springlake	Llewelling	Uninc	0.39	II	Central	8	9.7	F	2903	12.4	E
A28	Hesperian - SB	Llewelling	Grant	Uninc	0.27	II	Central	8	10.3	E	3118	12.6	E
A29	Hesperian - SB	Grant	Hacienda	Uninc	0.66	II	Central	8	28.4	B	3363	21.0	C
A30	Hesperian - SB	Hacienda	A St	Uninc	0.67	II	Central	8	16.5	D	3028	18.0	C
A31	Hesperian - SB	A St	W.Winton Ave.	Hay	0.97	II	Central	8	28.9	B	2055	21.8	C
A32	Hesperian - SB	W.Winton Ave	La Playa	Hay	0.43	II	Central	8	14.6	D	2932	19.9	C
A33	Hesperian - SB	La Playa	SH 92	Hay	0.78	II	Central	8	19.1	C	1853	19.4	C
A34	Hesperian - SB	SH 92 - WB	Tennyson	Hay	0.49	I	Central	8	20.5	D	1331	16.8	E
A35	Mowry - EB	I-880	Farwell	Fre	0.28	II	South	6	13.7	E	6	26.3	B
A36	Mowry - EB	Farwell	SH 84	Fre	2.48	II	South	6	18.4	C	6	20.3	C
A37	Mowry - WB	SH 84	Farwell	Fre	2.53	II	South	6	19.4	C	6	21.8	C
A38	Mowry - WB	Farwell	I-880	Fre	0.28	II	South	6	36.3	A	6	34.1	A
A39	Park/23rd - EB	Encinal	Santa Clara	Ala	0.23	III	North	6	11.1	D	2974	9.0	D
A40	Park/23rd - EB	Santa Clara	Kennedy	Ala	0.68	III	North	6	13.6	C	2676	10.7	D
A41	Park/23rd - EB	Kennedy	E 11th	Oak	0.45	II	North	6	17.4	D	2205	20.1	C
A42	Park/23rd - WB	E 11th	Kennedy	Oak	0.45	II	North	6	22.9	C	54	17.7	D
A43	Park/23rd - WB	Kennedy	Santa Clara	Ala	0.74	III	North	6	12.6	D	244	11.7	D
A44	Park/23rd - WB	Santa Clara	Encinal	Ala	0.23	III	North	6	10.2	D	2629	9.1	D
A45	MLK Jr Way - NB	SH 24	Adeline	Oak	1.48	II	North	9	10.5	E	6	14.9	D
A46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berk	0.28	II	North	10	9.7	F	2530	12.4	E
A47	Adeline - NB	MLK Jr - North	Shattuck/Adeline	Berk	0.61	II	North	10	16.0	D	2455	16.6	D
A48	Shattuck NB	Shattuck/Adeline	Dwight	Berk	0.31	II	North	6	13.3	E	2739	13.9	E

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A49	Shattuck NB	Dwight	University	Berk	0.57	III	North	6	12.9	D	2991	12.1	D
A50	Shattuck SB	University	Dwight	Berk	0.57	III	North	6	11.1	D	3081	11.6	D
A51	Shattuck SB	Dwight	Shattuck/Adeline	Berk	0.3	II	North	6	16.8	D	3508	16.2	D
A52	Adeline - SB	Shattuck/Adeline	MLK Jr - North	Berk	0.61	II	North	6	15.7	D	2676	17.1	D
A53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berk	0.29	II	North	6	10.6	E	2832	12.7	E
A54	MLK Jr Way - SB	Adeline	SH 24	Oak	1.39	II	North	6	11.3	E	6	16.8	D
A55	Tennyson - EB	Hesperian	I-880	Hay	0.86	I	Central	6	19.2	D	1889	18.3	D
A56	Tennyson - EB	I-880 NB	Rt 238	Hay	1.54	II	Central	6	20.9	C	1990	18.1	C
A57	Tennyson - WB	Rt 238	I-880	Hay	1.54	II	Central	6	16.8	D	1646	18.2	C
A58	Tennyson - WB	I-880	Hesperian	Hay	0.86	I	Central	6	24.2	C	2338	19.0	D
A59	University - EB	I-80 SB	6th	Berk	0.4	II	North	6	26.4	B	2758	19.1	C
A60	University - EB	6th	San Pablo	Berk	0.32	II	North	6	10.4	E	3413	11.7	E
A61	University - EB	San Pablo	Sacramento	Berk	0.56	II	North	6	14.9	D	2781	17.0	D
A62	University - EB	Sacramento	ML King	Berk	0.49	II	North	6	14.7	D	3172	18.1	C
A63	University - EB	ML King	Shattuck Pl	Berk	0.29	III	North	6	15.2	C	2217	12.9	D
A64	University - WB	Shattuck Pl	ML King	Berk	0.29	III	North	6	13.8	C	1830	11.5	D
A65	University - WB	ML King	Sacramento	Berk	0.49	II	North	6	20.6	C	3369	18.6	C
A66	University - WB	Sacramento	San Pablo	Berk	0.56	II	North	6	13.3	E	3564	12.9	E
A67	University - WB	San Pablo	6th	Berk	0.32	II	North	6	8.1	F	3442	12.3	E
A68	University - WB	6th	I-80 SB	Berk	0.4	II	North	6	25.1	B	2906	26.1	B
A69	SR 13 Ashby - WB	Hiller	Domingo	Oak - Berk	0.81	II	North	6	21.9	C	2779	20.5	C
A70	SR 13 Ashby - WB	Domingo	College	Berk	0.52	III	North	6	17.5	C	1784	20.8	B
A71	SR 13 Ashby - WB	College	Telegraph	Berk	0.37	III	North	6	13.4	C	3612	10.5	D

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A72	SR 13 Ashby - WB	Telegraph	Shattuck	Berk	0.38	III	North	6	11.3	D	3612	10.5	D
A73	SR 13 Ashby - WB	Shattuck	ML King	Berk	0.26	III	North	6	11.0	D	2538	13.5	C
A74	SR 13 Ashby - WB	ML King	San Pablo	Berk	0.86	III	North	6	13.9	C	3434	13.8	C
A75	SR 13 Ashby - WB	San Pablo	I-80 Ramps	Berk	0.64	II	North	6	18.0	D	3374	21.7	C
A76	SR 13 Ashby - EB	I-80	San Pablo	Berk	0.62	II	North	6	21.2	C	3281	16.4	D
A77	SR 13 Ashby - EB	San Pablo	ML King	Berk	0.86	III	North	6	19.7	B	3441	17.7	C
A78	SR 13 Ashby - EB	ML King	Shattuck	Berk	0.26	III	North	6	9.3	D	2827	11.3	D
A79	SR 13 Ashby - EB	Shattuck	Telegraph	Berk	0.38	III	North	6	18.2	C	3612	10.5	D
A80	SR 13 Ashby - EB	Telegraph	College	Berk	0.37	III	North	6	7.7	E	3612	10.5	D
A81	SR 13 Ashby - EB	College	Domingo	Berk	0.52	III	North	6	9.5	D	3408	27.7	A
A82	SR 13 Ashby - EB	Domingo	Hiller	Berk - Oak	0.81	II	North	6	19.9	C	3408	27.7	B
A83	SR 61 - SB	Atlantic	Cent/Webster	Ala	0.57	III	North	6	13.0	C	2345	13.1	C
A84	SR 61 - SB	Cent/Webster	Sher/Encino	Ala	0.74	II	North	6	18.4	C	2096	19.3	C
A85	SR 61 - SB	Sher/Encino	Park	Ala	1.2	II	North	6	21.1	C	2227	19.1	C
A86	SR 61 - SB	Park	High/Otis	Ala	1.05	II	North	6	17.4	D	1065	19.9	C
A87	SR 61 (Doolittle) - SB	High	Island Dr	Ala	0.44	II	North	6	22.1	C	2835	22.2	C
A88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay Pkwy	Ala	0.51	I	North	6	30.5	B	2298	28.9	B
A89	SR 61 - SB	Harbor Bay	Airport Dr	Oak	2.17	I	North	6	31.4	B	2022	33.1	B
A90	SR 61 (Doolittle) - SB	Airport	Davis	Oak - San L	0.94	I	North	6	25.6	C	2260	24.0	C

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A91	SR 61 (Doolittle) - NB	Davis	Airport	San L - Oak	0.94	I	Central	6	25.5	C	3433	28.6	B
A92	SR 61 - NB	Airport Dr	Harbor Bay	Oak	2.17	I	North	6	37.7	A	2733	36.9	A
A93	SR 61 (Doolittle) - NB	Harbor Bay	Island Dr	Ala	0.51	I	North	6	32.8	A	2771	25.6	C
A94	SR 61 (Doolittle) - NB	Island Dr	High/Otis	Ala	0.44	II	North	6	16.3	D	2970	19.5	C
A95	SR 61 - NB	High/Otis	Park	Ala	1.05	II	North	6	17.5	D	1150	19.3	C
A96	SR 61 - NB	Park/Encinal	Sher/Cent	Ala	1.2	II	North	6	21.4	C	1806	19.3	C
A97	SR 61 - NB	Sher/Cent	Web/Cent	Ala	0.74	II	North	6	15.0	D	1552	19.0	C
A98	SR 61 - NB	Cent/Web	Atlantic	Ala	0.57	III	North	6	11.1	D	1405	14.0	C
A99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oak	0.36	I	North	6	28.2	B	644	21.7	D
A100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oak	0.36	I	North	6	30.8	B	1191	22.9	C
A101	Decoto - WB	SH 238/Mission	Union Square	Uni Cty	0.86	II	South	6	23.0	C	3277	19.9	C
A102	Decoto - WB	Union Square	Alv-Niles Rd	Uni Cty	0.24	II	South	6	8.0	F	2587	19.0	C
A103	Decoto - WB	Alv-Niles Rd	Fremont CL	Uni Cty	0.65	II	South	6	24.2	B	2607	23.4	C
A104	Decoto - WB	Fremont CL	I-880 NB (off)	Fre	1.15	II	South	6	24.8	B	2712	25.1	B
A105	Decoto - EB	I-880 NB (off)	Union City CL	Fre	1.15	II	South	6	19.0	C	3612	20.4	C
A106	Decoto - EB	Union City CL	Alv-Niles Rd	Uni Cty	0.66	II	South	8	12.8	E	3088	19.9	C
A107	Decoto - EB	Alv-Niles Rd	Union Square	Uni Cty	0.24	II	South	8	10.6	E	3605	20.7	C
A108	Decoto - EB	Union Square	SH 238/Mission	Uni Cty	0.85	II	South	6	18.1	C	928	20.6	C
A109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fre	0.81	I	South	6	26.6	C	2814	30.6	B
A110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fre	1.66	I	South	6	25.7	C	948	28.1	B

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A111	SR 84/Fremont(Fre)-WB	Peralta	Thornton	Fre	0.33	II	South	8	9.3	F	3238	14.8	D
A112	SR 84/Thornton(Fre)-WB	Fremont	I-880 SB	Fre	1.26	II	South	6	23.5	C	2976	23.5	C
A113	SR 84/Thornton (Fre)-EB	I-880 SB	Fremont	Fre	1.26	II	South	6	22.9	C	3636	18.3	C
A114	SR 84/Fremont (Fre)-EB	Thornton	Peralta	Fre	0.32	II	South	6	10.6	E	2568	17.7	D
A115	SR 84/Peralta (Fre) - EB	Fremont	Mowry	Fre	1.64	I	South	6	22.8	C	2042	27.1	C
A116	SR 84/Mowry (Fre) - EB	Peralta	SH 238	Fre	0.86	I	South	6	18.0	D	3509	15.5	E
A117	1st Street - SB	I-580 Off	N Mines	Liv	0.6	I	East	6	13.9	E	2063	22.8	C
A118	1st Street - SB	N Mines	Inman	Liv	1.06	I	East	6	29.7	B	2548	21.2	D
A119	1st Street - NB	Inman	N Mines	Liv	1.06	I	East	6	31.7	B	3525	20.9	D
A120	1st Street - NB	N Mines	I-580 Off	Liv	0.6	I	East	6	21.6	D	3152	21.2	D
A121	SR 84 - EB	SR 238/Mission	Union City Limit	Fre	1.35	41.9	South	8	18.4	F	3558	25.0	E
A122	SR 84 - EB	Union City Limit	Palomares	Fre	0.86	44.5	South	6	26.3	E	3535	30.0	D
A123	SR 84 - EB	Palomares	Niles Cnyn Quarry	Fre	2.16	43.8	South	6	34.0	C	3538	27.0	D
A124	SR 84 - EB	Niles Cnyn Quarry	Sunol Rd	Fre	1.74	46.7	South	6	40.5	B	3589	23.9	E
A125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fre	0.55	27.6	South	8	5.0	F	3423	9.4	F
A126	SR 84 - EB	Ple-Sunol Rd	SR 84 (Off)/I-680	Uninc	0.8	42.9	East	8	37.0	B	3435	24.6	E
A127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ln	Uninc	1.05	50.8	East	8	10.8	F	3694	13.4	F
A128	SR 84 - EB	Vallecitos Ln	Vallecitos Nuc.Cntr	Uninc	1.13	57.5	East	8	28.4	F	3643	29.6	E

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A129	SR 84 - EB	Vallecitos Nuc Center Ent.	Culvert (Lat/Long: 37.613854,-121.817224)	Uninc	1.66	58.3	East	6	45.3	C	3611	48.9	B
A130	SR 84 - EB	Culvert (Lat/Long: 37.613854,-121.817224)	Ruby Hill /Kaithoff	Uninc	1.63	59.2	East	6	61.9	A	3563	55.7	A
A131	SR 84 - EB	Ruby Hill./Kaithoff	Isabel/Vallecitos	Liv	0.38	I	East	6	33.3	A	3401	42.1	A
A132	SR 84 (Liv) - NB	Isabel/Vallecitos	Vineyard	Liv	1.12	I	East	6	29.9	B	3434	40.7	A
A133	SR 84 (Liv) - NB	Vineyard	Concannon	Liv	0.6	I	East	6	26.3	C	3389	31.3	B
A134	SR 84 (Liv) - NB	Concannon	Stanley	Liv	1.05	I	East	6	39.5	A	3269	43.3	A
A135	SR 84 (Liv) - NB	Stanley	W. Jack London Blvd.	Liv	0.9	I	East	6	41.6	A	3473	38.3	A
A136	SR 84 (Liv) - NB	W. Jack London Blvd.	Airway/Kitty Hawk	Liv	0.49	I	East	6	40.7	A	3627	21.9	D
A137	Airway Blvd (old SR 84) - NB	SR 84	I-580 EB off ramp	Liv	1.06	I	East	6	33.2	B	1510	33.0	B
A138	Airway Blvd (old SR 84) - SB	I-580 EB off ramp	SR 84	Liv	1.06	I	East	6	37.0	A	864	31.5	B
A139	SR 84 (Liv) - SB	Airway/Kitty	W. Jack London Blvd.	Liv	0.49	I	East	6	30.2	B	3600	31.1	B
A140	SR 84 (Liv) - SB	W. Jack London Blvd.	Stanley	Liv	0.9	I	East	6	42.4	A	3510	46.3	A
A141	SR 84 (Liv) - SB	Stanley	Concannon	Liv	1.05	I	East	6	28.3	B	3371	37.7	A

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample					
A142	SR 84 (Liv) - SB	Concannon	Vineyard	Liv	0.6	I	East	6	14.7	E	3393	24.2	C
A143	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Liv	1.12	I	East	6	34.5	B	2917	36.6	A
A144	SR 84 - WB	Isabel/Vallecitos	Ruby Hill /Kaithoff	Liv	0.38	I	East	6	32.9	B	3330	38.7	A
A145	SR 84 - WB	Ruby Hill /Kaithoff	Culvert (Lat/Long: 37.613854,-121.817224)	Uninc	1.63	55.8	East	6	57.2	A	3151	55.2	A
A146	SR 84 - WB	Culvert (Lat/Long: 37.613854,-121.817224)	Vallecitos Nuc.Cntr	Uninc	1.65	56.5	East	6	56.6	A	3275	56.6	A
A147	SR 84 - WB	Vallecitos Nuc.Cntr	Vallecitos Ln	Uninc	1.14	52.5	South	6	52.9	A	3267	55.0	A
A148	SR 84 - WB	Vallecitos Ln	SR 84/I-680 On	Uninc	0.86	55.3	South	6	52.8	A	1482	53.7	A
A149	SR 84 - WB	SR 84/I-680 On	Ple-Sunol Rd	Uninc	0.62	41.4	South	6	36.0	B	2025	35.9	B
A150	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fre	0.55	41.9	South	6	34.0	B	2126	41.9	A
A151	SR 84 - WB	Sunol Rd	Niles Canyon Quarry	Fre	1.74	48.5	South	6	46.9	A	2218	46.9	A
A152	SR 84 - WB	Niles Canyon Quarry	Eastern Fremont City Limit	Fre	1	47.5	South	6	45.0	A	2215	44.1	A
A153	SR 84 - WB	Eastern Fremont City Limit	Union City Limit	Fre	2.03	41.8	South	6	42.4	A	2211	41.6	A
A154	SR 84 - WB	Union City Limit	SR 238	Fre	1.35	31.7	South	6	32.7	A	2194	35.7	A
A155	SR 92 - EB	I-880	Mission	Hay	1.71	II	Central	6	10.6	E	3663	16.1	D
A156	SR 92 - WB	Mission	I-880	Hay	1.71	II	Central	6	22.8	C	2599	20.8	C

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A157	SR 112 (Davis) - EB	Doolittle	I-880	San L	0.52	II	Central	6	12.6	E	3087	14.2	D
A158	SR 112 (Davis) - EB	I-880	San Leandro	San L	0.99	II	Central	6	13.0	E	3049	13.1	E
A159	SR 112 (Davis) - EB	San Leandro	14th	San L	0.28	III	Central	6	11.9	D	2684	13.1	C
A160	SR 112 (Davis) - WB	E 14th	San Leandro	San L	0.28	III	Central	6	11.4	D	2019	12.0	D
A161	SR 112 (Davis) - WB	San Leandro	I-880	San L	0.99	II	Central	6	19.1	C	3117	15.2	D
A162	SR 112 (Davis) - WB	I-880	Doolittle	San L	0.52	II	Central	6	19.0	C	3435	15.2	D
A163	SR 123 San Pablo SB	Carlson	Washington	Alb	0.51	II	North	8	21.9	C	3369	16.2	D
A164	SR 123 San Pablo SB	Washington	Marin	Alb	0.36	III	North	8	10.5	D	3156	15.1	C
A165	SR 123 San Pablo SB	Marin	Gilman	Alb - Berk	0.45	II	North	8	9.6	F	3372	14.7	D
A166	SR 123 San Pablo SB	Gilman	University	Berk	0.81	II	North	8	17.9	D	2770	18.3	C
A167	SR 123 San Pablo SB	University	Allston	Berk	0.19	III	North	8	11.6	D	3288	17.4	C
A168	SR 123 San Pablo SB	Allston	Dwight	Berk	0.38	II	North	8	20.7	C	3288	17.4	D
A169	SR 123 San Pablo SB	Dwight	Ashby	Berk	0.64	II	North	8	14.2	D	2981	17.1	D
A170	SR 123 San Pablo SB	Ashby	Stanford	Oak	0.8	II	North	8	20.1	C	3388	18.7	C
A171	SR 123 San Pablo SB	Stanford	53rd	Oak	0.27	II	North	8	13.6	E	3555	15.0	D
A172	SR 123 San Pablo SB	53rd	Park	Emery	0.34	II	North	8	10.1	E	3555	15.0	D
A173	SR 123 San Pablo SB	Park	35th	Emery - Oak	0.44	II	North	8	6.4	F	2205	15.4	D
A174	SR 123 San Pablo NB	35th	Park	Oak - Emery	0.42	II	North	6	24.5	B	1824	13.3	E

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A175	SR 123 San Pablo NB	Park	53rd	Emery	0.34	II	North	6	18.9	C	3580	15.3	D
A176	SR 123 San Pablo NB	53rd	Stanford	Oak	0.27	II	North	8	7.1	F	3580	15.3	D
A177	SR 123 San Pablo NB	Stanford	Ashby	Oak	0.8	II	North	8	14.7	D	3520	12.3	E
A178	SR 123 San Pablo NB	Ashby	Dwight	Berk	0.64	II	North	8	13.2	E	3063	17.5	D
A179	SR 123 San Pablo NB	Dwight	Allston	Berk	0.38	II	North	8	19.4	C	3351	12.5	E
A180	SR 123 San Pablo NB	Allston	University	Berk	0.19	III	North	8	12.9	D	3351	12.5	D
A181	SR 123 San Pablo NB	University	Gilman	Berk	0.81	II	North	8	12.9	E	3157	14.7	D
A182	SR 123 San Pablo NB	Gilman	Marin	Alb - Berk	0.45	II	North	8	16.5	D	3542	13.9	E
A183	SR 123 San Pablo NB	Marin	Washington	Alb	0.36	III	North	8	10.7	D	3356	14.3	C
A184	SR 123 San Pablo NB	Washington	Carlson	Alb	0.51	II	North	8	6.8	F	3478	15.2	D
A185	SR 185 (International Blvd) - SB	42nd	46th St	Oak	0.29	II	North	6	20.9	C	1187	14.4	D
A186	SR 185 (International Blvd) - SB	46th St	Seminary	Oak	0.78	II	North	6	19.6	C	2079	17.6	D
A187	SR 185 (International Blvd) - SB	Seminary	73rd	Oak	0.8	II	North	6	12.2	E	940	7.9	F
A188	SR 185 (International Blvd) - SB	73rd Ave	98th Ave	Oak	1.41	II	North	6	16.1	D	430	13.9	E
A189	SR 185 (International Blvd) - SB	98th	Broadmoor	Oak	0.75	II	North	6	17.6	D	859	15.5	D

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A190	SR 185 (14th) - SB	Broadmoor	Davis	San L	0.73	II	Central	6	15.1	D	1922	17.4	D
A191	SR 185 (14th) - SB	Davis	San Leandro	San L	1.06	III	Central	6	17.1	C	2156	15.7	C
A192	SR 185 (14th) - SB	San L Blvd	Hesperian	San L	0.94	II	Central	6	20.7	C	3033	17.9	D
A193	SR 185 (14th) - SB	Hesperian	Bayfair	San L	0.47	II	Central	6	17.9	D	1905	16.6	D
A194	SR 185 (14th) - SB	Bayfair	170th	Uninc	1.19	II	South	6	17.4	D	1417	18.6	C
A195	SR 185 (14th) - SB	170th	Llewelling	Uninc	0.2	II	South	6	13.5	E	2120	19.3	C
A196	SR 185 (14th) - SB	Llewelling	Sunset	Uninc	1.05	II	South	6	15.8	D	1434	19.9	C
A197	SR 185 Hayward - SB	Sunset	SR 92/238	Hay	0.84	III	Central	6	17.1	C	2632	16.9	C
A198	SR 185 Hayward - NB	A Street (SR 92/238 until 2012)	Sunset	Hay	0.43	III	Central	6	19.3	B	2018	19.9	B
A199	SR 185 (14th) - NB	Sunset	Llewelling	Uninc	1.05	II	South	6	21.1	C	411	21.2	C
A200	SR 185 (14th) - NB	Llewelling	170th	Uninc	0.2	II	South	6	22.7	C	1535	22.0	C
A201	SR 185 (14th) - NB	170th	Bayfair	Uninc	1.19	II	South	6	17.6	D	930	16.6	D
A202	SR 185 (14th) - NB	Bayfair	Hesperian	San L	0.47	II	Central	6	20.4	C	1349	14.7	D
A203	SR 185 (14th) - NB	Hesperian	San L Blvd	San L	0.94	II	Central	6	17.8	D	2337	20.1	C
A204	SR 185 (14th) - NB	San Leandro	Davis	San L	1.06	III	Central	6	14.8	C	1279	13.7	C
A205	SR 185 (14th) - NB	Davis	Broadmoor	San L	0.73	II	Central	6	17.1	D	1855	16.3	D
A206	SR 185 (International Blvd) - NB	Broadmoor	98th	Oak	0.75	II	North	6	14.7	D	531	15.0	D

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A207	SR 185 (International Blvd) - NB	98th Ave	73rd Ave	Oak	1.41	II	North	6	17.0	D	820	13.0	E
A208	SR 185 (International Blvd) - NB	73rd Ave	Seminary	Oak	0.8	II	North	6	21.4	C	789	13.4	E
A209	SR 185 (International Blvd) - NB	Seminary	46th St	Oak	0.78	II		6	20.0	C	1765	15.1	D
A210	SR 185 (International Blvd) - NB	46th St	42nd	Oak	0.29	II		8	6.6	F	743	13.0	E
A211	SR 238 (Foothill) - NB	Jackson	City Center	Hay	0.63	III	Central	6	16.0	C	3706	15.3	C
A212	SR 238 (Foothill) - NB	City Center	I-580	Hay	0.73	II	South	6	14.3	D	3436	20.7	C
A213	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Uninc	0.68	I	South	6	28.0	C	6	37.0	A
A214	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Uninc	0.73	I	South	6	34.1	B	6	35.9	A
A215	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hay-Uninc	1.04	II	Central	6	26.7	B	2970	18.7	C
A216	SR 238 (Foothill) - SB	City Center	A Street	Hay	0.16	III	Central	6	7.3	E	3200	16.7	C
A217	SR 238 (Mission) - NB	680 NB Rmp	Stevenson	Fre	2.35	I	South	6	32.6	B	1691	31.0	B
A218	SR 238 (Mission) - NB	Stevenson	Nursery	Fre	2.43	I	South	6	17.3	D	3641	26.7	C
A219	SR 238 (Mission) - NB	Nursery	Tamarack	Uni Cty	2.63	I	South	6	27.0	C	3501	31.1	B
A220	SR 238 (Mission) - NB	Tamarack	Industrial	Uni Cty - Hay	1.96	I	South	6	21.8	D	3706	21.7	D
A221	SR 238 (Mission) - NB	Industrial	Sorenson	Hay	1.46	II	Central	6	14.3	D	3706	20.7	C
A222	SR 238 (Mission) - NB	Sorenson	Jackson	Hay	1.83	II	Central	6	16.8	D	3622	19.7	C

Table B-6: 2018 LOS Monitoring Results for Arterials (Tier 1) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A223	SR 238 (Mission) - SB	Jackson	Sorenson	Hay	1.83	II	Central	6	19.1	C	3394	22.8	C
A224	SR 238 (Mission) - SB	Sorenson	Industrial	Hay	1.46	II	Central	6	21.0	C	3588	24.0	B
A225	SR 238 (Mission) - SB	Industrial	Tamarack	Hay - Uni Cty	1.96	I	Central	6	25.8	C	3611	26.2	C
A226	SR 238 (Mission) - SB	Tamarack	Nursery	Uni Cty	2.63	I	South	6	31.1	B	3000	32.5	B
A227	SR 238 (Mission) - SB	Nursery	Stevenson	Fre	2.43	I	South	6	23.2	C	2682	26.9	C
A228	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fre	2.35	I	South	6	24.7	C	3643	20.6	D
A229	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oak	1.35	I	North	6	30.6	A	2846	26.4	C
A230	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oak	1.43	I	North	6	26.3	A	1201	25.9	C
A231	SR 262 (Mission) - EB	I-880 NB	I-680 NB	Fre	1.48	I	South	6	26.0	C	3706	21.2	D
A232	SR 262 (Mission) - WB	I-680 NB	I-880 SB	Fre	1.67	I	South	6	26.0	C	3590	31.8	B
A233	SR 84 (Liv) - NB - realign	Airway	I-580 WB (off)	Liv	0.52	I	East	6	26.5	C	2874	35.0	B
A234	SR 84 (Liv) - NB - realign	I-580 WB (off)	Airway)	Liv	0.53	I	East	6	25.1	C	2477	24.8	C

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A1	150th St - EB	Hesperian	I-580	San L	0.49	II	Central	6	16.1	D	469	13.4	E
A2	150th St - WB	I-580	Hesperian	San L	0.49	II	Central	6	14.8	D	324	14.5	D
A3	A Street - EB	I-880	Western	Hay	1.08	II	Central	6	20.5	C	1129	21.1	C
A4	A Street - EB	Western	SR 185 (previously SR 238)	Hay	0.31	III	Central	6	11.2	D	1868	12.2	D
A5	A Street - WB	SR 238	Western	Hay	0.54	III	Central	6	18.3	C	3405	16.3	C
A6	A Street - WB	Western	I-880	Hay	1.07	II	Central	6	17.0	D	2052	19.0	C
A7	Atlantic - EB	Main	Webster	Ala	0.81	II	North	6	21.0	C	6	21.1	C
A8	Atlantic - WB	Webster	Main	Ala	0.81	II	North	6	28.5	B	6	26.4	B
A9	Hegenberger - EB	SR 61	Edgewater	Oak	0.77	I	North	6	18.9	D	1937	23.4	C
A10	Hegenberger - EB	Edgewater	Baldwin	Oak	0.73	I	North	6	22.2	C	3471	24.2	C
A11	Hegenberger - EB	Baldwin	E 14th	Oak	1.02	I	North	6	24.1	C	2390	27.6	C
A12	Hegenberger - WB	E 14th	Baldwin	Oak	1.02	I	North	6	25.6	C	2563	30.5	B
A13	Hegenberger - WB	Baldwin	Edgewater	Oak	0.72	I	North	6	27.5	C	3126	25.6	C
A14	Hegenberger - WB	Edgewater	SR 61	Oak	0.77	I	North	6	27.3	C	2896	25.1	C
A15	Hesperian - NB	Tennyson	SH 92 - WB	Hay	0.49	I	Central	6	17.7	D	1589	15.0	E
A16	Hesperian - NB	SH 92	La Playa	Hay	0.78	II	Central	6	23.8	C	1536	20.1	C
A17	Hesperian - NB	La Playa	W.Winton Ave.	Hay	0.43	II	Central	6	18.2	C	3011	20.4	C
A18	Hesperian - NB	W.Winton Ave	A St	Hay	0.97	II	Central	6	22.4	C	3574	22.6	C
A19	Hesperian - NB	A St	Hacienda	Uninc	0.67	II	Central	6	21.4	C	2738	23.2	C
A20	Hesperian - NB	Hacienda	Grant	Uninc	0.66	II	Central	6	31.9	A	3345	24.7	B
A21	Hesperian - NB	Grant	Llewelling	Uninc	0.27	II	Central	6	11.3	E	2823	12.0	E
A22	Hesperian - NB	Llewelling	Springlake	Uninc	0.39	II	Central	6	24.3	B	2600	16.9	D
A23	Hesperian - NB	Springlake	Fairmont	San L	0.66	II	Central	6	16.1	D	3137	17.2	D
A24	Hesperian - NB	Fairmont	14th	San L	0.31	II	Central	6	13.0	E	258	17.4	D

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A25	Hesperian - SB	14th	Fairmont	San L	0.31	II	Central	6	17.4	D	177	14.0	D
A26	Hesperian - SB	Fairmont	Springlake	San L	0.66	II	Central	6	17.0	D	2112	21.2	C
A27	Hesperian - SB	Springlake	Llewelling	Uninc	0.39	II	Central	6	16.8	D	2950	16.2	D
A28	Hesperian - SB	Llewelling	Grant	Uninc	0.27	II	Central	6	15.5	D	3421	15.6	D
A29	Hesperian - SB	Grant	Hacienda	Uninc	0.66	II	Central	6	26.8	B	3541	22.8	C
A30	Hesperian - SB	Hacienda	A St	Uninc	0.67	II	Central	6	24.3	B	3472	21.3	C
A31	Hesperian - SB	A St	W.Winton Ave.	Hay	0.97	II	Central	6	16.8	D	3308	21.1	C
A32	Hesperian - SB	W.Winton Ave	La Playa	Hay	0.43	II	Central	6	21.4	C	3570	18.9	C
A33	Hesperian - SB	La Playa	SH 92	Hay	0.78	II	Central	6	16.6	D	3155	18.9	C
A34	Hesperian - SB	SH 92 - WB	Tennyson	Hay	0.49	I	Central	6	26.0	C	2983	19.2	D
A35	Mowry - EB	I-880	Farwell	Fre	0.28	II	South	6	26.4	B	6	28.8	B
A36	Mowry - EB	Farwell	SH 84	Fre	2.48	II	South	6	24.6	B	6	25.5	B
A37	Mowry - WB	SH 84	Farwell	Fre	2.53	II	South	6	24.4	B	6	21.1	C
A38	Mowry - WB	Farwell	I-880	Fre	0.28	II	South	6	22.8	C	6	33.8	A
A39	Park/23rd - EB	Encinal	Santa Clara	Ala	0.23	III	North	6	12.1	D	2654	11.0	D
A40	Park/23rd - EB	Santa Clara	Kennedy	Ala	0.68	III	North	6	10.4	D	2581	9.9	D
A41	Park/23rd - EB	Kennedy	E 11th	Oak	0.45	II	North	6	19.2	C	2688	15.4	D
A42	Park/23rd - WB	E 11th	Kennedy	Oak	0.45	II	North	6	26.8	B	66	16.0	D
A43	Park/23rd - WB	Kennedy	Santa Clara	Ala	0.74	III	North	6	17.1	C	52	13.3	C
A44	Park/23rd - WB	Santa Clara	Encinal	Ala	0.23	III	North	6	11.8	D	2265	10.9	D
A45	MLK Jr Way - NB	SH 24	Adeline	Oak	1.48	II	North	6	18.7	C	6	24.7	B
A46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berk	0.28	II	North	6	11.3	E	1767	14.2	D
A47	Adeline - NB	MLK Jr - North	Shattuck/Adeline	Berk	0.61	II	North	6	19.1	C	1756	17.8	D
A48	Shattuck NB	Shattuck/Adeline	Dwight	Berk	0.31	II	North	6	19.2	C	2218	15.9	D

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A49	Shattuck NB	Dwight	University	Berk	0.57	III	North	6	21.5	B	2149	13.3	C
A50	Shattuck SB	University	Dwight	Berk	0.57	III	North	6	14.2	C	2577	14.1	C
A51	Shattuck SB	Dwight	Shattuck/Adeline	Berk	0.3	II	North	6	21.2	C	3018	19.6	C
A52	Adeline - SB	Shattuck/Adeline	MLK Jr - North	Berk	0.61	II	North	6	18.4	C	1349	19.1	C
A53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berk	0.29	II	North	6	8.1	F	1853	14.1	D
A54	MLK Jr Way - SB	Adeline	SH 24	Oak	1.39	II	North	6	13.6	E	6	22.0	C
A55	Tennyson - EB	Hesperian	I-880	Hay	0.86	I	Central	6	19.2	D	1907	19.6	D
A56	Tennyson - EB	I-880 NB	Rt 238	Hay	1.54	II	Central	6	20.6	C	1929	17.9	D
A57	Tennyson - WB	Rt 238	I-880	Hay	1.54	II	Central	6	17.9	D	1883	18.0	C
A58	Tennyson - WB	I-880	Hesperian	Hay	0.86	I	Central	6	21.2	D	3030	17.9	D
A59	University - EB	I-80 SB	6th	Berk	0.4	II	North	6	13.2	E	2810	15.9	D
A60	University - EB	6th	San Pablo	Berk	0.32	II	North	6	14.0	D	3330	14.4	D
A61	University - EB	San Pablo	Sacramento	Berk	0.56	II	North	6	22.4	C	3073	18.6	C
A62	University - EB	Sacramento	ML King	Berk	0.49	II	North	6	19.1	C	3206	20.8	C
A63	University - EB	ML King	Shattuck Pl	Berk	0.29	III	North	6	21.1	B	1740	15.9	C
A64	University - WB	Shattuck Pl	ML King	Berk	0.29	III	North	6	17.4	C	1252	14.8	C
A65	University - WB	ML King	Sacramento	Berk	0.49	II	North	6	20.7	C	3118	21.9	C
A66	University - WB	Sacramento	San Pablo	Berk	0.56	II	North	6	21.0	C	3181	18.0	C
A67	University - WB	San Pablo	6th	Berk	0.32	II	North	6	19.1	C	3197	17.1	D
A68	University - WB	6th	I-80 SB	Berk	0.4	II	North	6	38.8	A	3116	30.9	A
A69	SR 13 Ashby - WB	Hiller	Domingo	Oak - Berk	0.81	II	North	6	20.5	C	3175	21.1	C
A70	SR 13 Ashby - WB	Domingo	College	Berk	0.52	III	North	6	17.9	C	2237	21.1	B
A71	SR 13 Ashby - WB	College	Telegraph	Berk	0.37	III	North	6	14.4	C	3158	17.6	C

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A72	SR 13 Ashby - WB	Telegraph	Shattuck	Berk	0.38	III	North	6	14.8	C	3158	17.6	C
A73	SR 13 Ashby - WB	Shattuck	ML King	Berk	0.26	III	North	6	10.0	D	2462	15.8	C
A74	SR 13 Ashby - WB	ML King	San Pablo	Berk	0.86	III	North	6	20.1	B	3408	17.2	C
A75	SR 13 Ashby - WB	San Pablo	I-80 Ramps	Berk	0.64	II	North	6	19.9	C	3200	21.0	C
A76	SR 13 Ashby - EB	I-80	San Pablo	Berk	0.62	II	North	6	29.8	B	3238	20.0	C
A77	SR 13 Ashby - EB	San Pablo	ML King	Berk	0.86	III	North	6	18.8	C	3287	17.3	C
A78	SR 13 Ashby - EB	ML King	Shattuck	Berk	0.26	III	North	6	11.2	D	2205	13.5	C
A79	SR 13 Ashby - EB	Shattuck	Telegraph	Berk	0.38	III	North	6	16.5	C	3158	17.6	C
A80	SR 13 Ashby - EB	Telegraph	College	Berk	0.37	III	North	6	22.4	B	3158	17.6	C
A81	SR 13 Ashby - EB	College	Domingo	Berk	0.52	III	North	6	19.1	B	2141	43.9	A
A82	SR 13 Ashby - EB	Domingo	Hiller	Berk - Oak	0.81	II	North	6	30.7	A	2141	43.9	A
A83	SR 61 - SB	Atlantic	Cent/Webster	Ala	0.57	III	North	6	16.8	C	818	13.8	C
A84	SR 61 - SB	Cent/Webster	Sher/Encino	Ala	0.74	II	North	6	17.4	D	1636	20.2	C
A85	SR 61 - SB	Sher/Encino	Park	Ala	1.2	II	North	6	19.2	C	1898	19.6	C
A86	SR 61 - SB	Park	High/Otis	Ala	1.05	II	North	6	20.4	C	632	20.8	C
A87	SR 61 (Doolittle) - SB	High	Island Dr	Ala	0.44	II	North	6	20.7	C	2685	23.2	C
A88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay Pkwy	Ala	0.51	I	North	6	30.6	B	2511	28.3	B
A89	SR 61 - SB	Harbor Bay	Airport Dr	Oak	2.17	I	North	6	35.3	A	1793	35.9	A
A90	SR 61 (Doolittle) - SB	Airport	Davis	Oak - San L	0.94	I	North	6	28.3	B	1991	30.9	B

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A91	SR 61 (Doolittle) - NB	Davis	Airport	San L - Oak	0.94	I	Central	6	28.8	B	3652	24.0	C
A92	SR 61 - NB	Airport Dr	Harbor Bay	Oak	2.17	I	North	6	35.9	A	3036	36.1	A
A93	SR 61 (Doolittle) - NB	Harbor Bay	Island Dr	Ala	0.51	I	North	6	30.9	A	2635	18.0	D
A94	SR 61 (Doolittle) - NB	Island Dr	High/Otis	Ala	0.44	II	North	6	17.3	D	3076	19.6	C
A95	SR 61 - NB	High/Otis	Park	Ala	1.05	II	North	6	15.9	D	1211	17.6	D
A96	SR 61 - NB	Park/Encinal	Sher/Cent	Ala	1.2	II	North	6	18.6	C	1666	16.9	D
A97	SR 61 - NB	Sher/Cent	Web/Cent	Ala	0.74	II	North	6	14.9	D	1593	18.3	C
A98	SR 61 - NB	Cent/Web	Atlantic	Ala	0.57	III	North	6	14.0	C	1585	14.2	C
A99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oak	0.36	I	North	6	26.5	C	254	19.2	D
A100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oak	0.36	I	North	6	27.3	C	1074	19.1	D
A101	Decoto - WB	SH 238/Mission	Union Square	Uni Cty	0.86	II	South	6	17.5	D	3529	19.1	C
A102	Decoto - WB	Union Square	Alv-Niles Rd	Uni Cty	0.24	II	South	6	15.1	D	3135	18.8	C
A103	Decoto - WB	Alv-Niles Rd	Fremont CL	Uni Cty	0.65	II	South	6	25.0	B	3135	22.0	C
A104	Decoto - WB	Fremont CL	I-880 NB (off)	Fre	1.15	II	South	6	14.1	D	3497	18.4	C
A105	Decoto - EB	I-880 NB (off)	Union City CL	Fre	1.15	II	South	6	20.0	C	2873	24.2	B
A106	Decoto - EB	Union City CL	Alv-Niles Rd	Uni Cty	0.66	II	South	6	22.0	C	2922	24.4	B
A107	Decoto - EB	Alv-Niles Rd	Union Square	Uni Cty	0.24	II	South	6	12.2	E	3399	20.7	C
A108	Decoto - EB	Union Square	SH 238/Mission	Uni Cty	0.85	II	South	6	17.6	D	380	21.2	C
A109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fre	0.81	I	South	6	20.6	D	3520	30.0	B
A110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fre	1.66	I	South	6	26.6	C	1468	26.8	C

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A111	SR 84/Fremont(Fre)-WB	Peralta	Thornton	Fre	0.33	II	South	6	10.6	E	1691	16.1	D
A112	SR 84/Thornton(Fre)-WB	Fremont	I-880 SB	Fre	1.26	II	South	6	9.7	F	3423	19.0	C
A113	SR 84/Thornton (Fre)-EB	I-880 SB	Fremont	Fre	1.26	II	South	6	20.3	C	3155	18.0	C
A114	SR 84/Fremont (Fre)-EB	Thornton	Peralta	Fre	0.32	II	South	6	14.9	D	2756	18.1	C
A115	SR 84/Peralta (Fre) - EB	Fremont	Mowry	Fre	1.64	I	South	6	21.3	D	1087	27.1	C
A116	SR 84/Mowry (Fre) - EB	Peralta	SH 238	Fre	0.86	I	South	6	21.6	D	2432	23.7	C
A117	1st Street - SB	I-580 Off	N Mines	Liv	0.6	I	East	6	24.2	C	2919	26.8	C
A118	1st Street - SB	N Mines	Inman	Liv	1.06	I	East	6	29.7	B	3300	25.8	C
A119	1st Street - NB	Inman	N Mines	Liv	1.06	I	East	6	28.1	B	3261	22.9	C
A120	1st Street - NB	N Mines	I-580 Off	Liv	0.6	I	East	6	21.3	D	2904	22.0	C
A121	SR 84 - EB	SR 238/Mission	Union City Limit	Fre	1.35	41.9	South	6	33.6	B	2583	43.2	A
A122	SR 84 - EB	Union City Limit	Palomares	Fre	0.86	44.5	South	6	44.0	A	2577	42.3	A
A123	SR 84 - EB	Palomares	Niles Cnyn Quarry	Fre	2.16	43.8	South	6	43.3	A	2578	41.8	A
A124	SR 84 - EB	Niles Cnyn Quarry	Sunol Rd	Fre	1.74	46.7	South	6	36.3	C	2661	42.8	A
A125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fre	0.55	27.6	South	6	21.1	C	2655	12.7	F
A126	SR 84 - EB	Ple-Sunol Rd	SR 84 (Off)/I-680	Uninc	0.8	42.9	East	6	40.2	A	3334	21.6	E
A127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ln	Uninc	1.05	50.8	East	6	53.7	A	3194	58.3	A
A128	SR 84 - EB	Vallecitos Ln	Vallecitos Nuc.Cntr	Uninc	1.13	57.5	East	6	54.0	A	3126	55.6	A

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A129	SR 84 - EB	Vallecitos Nuc Center Ent.	Culvert (Lat/Long: 37.613854,-121.817224)	Uninc	1.66	58.3	East	6	58.1	A	3118	56.3	A
A130	SR 84 - EB	Culvert (Lat/Long: 37.613854,-121.817224)	Ruby Hill /Kaithoff	Uninc	1.63	59.2	East	6	51.1	B	3161	53.4	A
A131	SR 84 - EB	Ruby Hill./Kaithoff	Isabel/Vallecitos	Liv	0.38	I	East	6	22.3	C	3131	38.2	A
A132	SR 84 (Liv) - NB	Isabel/Vallecitos	Vineyard	Liv	1.12	I	East	6	34.8	B	3299	35.9	A
A133	SR 84 (Liv) - NB	Vineyard	Concannon	Liv	0.6	I	East	6	35.2	A	3560	25.8	C
A134	SR 84 (Liv) - NB	Concannon	Stanley	Liv	1.05	I	East	6	41.2	A	3508	41.3	A
A135	SR 84 (Liv) - NB	Stanley	W. Jack London Blvd.	Liv	0.9	I	East	6	40.1	A	3536	40.2	A
A136	SR 84 (Liv) - NB	W. Jack London Blvd.	Airway/Kitty Hawk	Liv	0.49	I	East	6	32.6	B	3647	27.8	C
A137	Airway Blvd (old SR 84) - NB	SR 84	I-580 EB off ramp	Liv	1.06	I	East	6	30.3	B	1480	31.0	B
A138	Airway Blvd (old SR 84) - SB	I-580 EB off ramp	SR 84	Liv	1.06	I	East	6	36.2	A	565	32.4	B
A139	SR 84 (Liv) - SB	Airway/Kitty	W. Jack London Blvd.	Liv	0.49	I	East	6	42.7	A	3596	29.1	B
A140	SR 84 (Liv) - SB	W. Jack London Blvd.	Stanley	Liv	0.9	I	East	6	46.4	A	3628	43.5	A
A141	SR 84 (Liv) - SB	Stanley	Concannon	Liv	1.05	I	East	6	29.6	B	3567	19.0	D

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A142	SR 84 (Liv) - SB	Concannon	Vineyard	Liv	0.6	I	East	6	22.9	C	3611	14.4	E
A143	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Liv	1.12	I	East	6	31.8	B	3614	15.8	E
A144	SR 84 - WB	Isabel/Vallecitos	Ruby Hill /Kaithoff	Liv	0.38	I	East	6	49.5	A	3704	34.7	B
A145	SR 84 - WB	Ruby Hill /Kaithoff	Culvert (Lat/Long: 37.613854,-121.817224)	Uninc	1.63	55.8	East	6	24.8	F	3701	29.3	E
A146	SR 84 - WB	Culvert (Lat/Long: 37.613854,-121.817224)	Vallecitos Nuc.Cntr	Uninc	1.65	56.5	East	6	37.3	D	3704	37.4	D
A147	SR 84 - WB	Vallecitos Nuc.Cntr	Vallecitos Ln	Uninc	1.14	52.5	South	6	47.4	A	3691	54.1	A
A148	SR 84 - WB	Vallecitos Ln	SR 84/I-680 On	Uninc	0.86	55.3	South	6	33.5	C	2479	43.6	C
A149	SR 84 - WB	SR 84/I-680 On	Ple-Sunol Rd	Uninc	0.62	41.4	South	6	38.0	B	2453	35.1	B
A150	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fre	0.55	41.9	South	6	46.1	A	2578	42.7	A
A151	SR 84 - WB	Sunol Rd	Niles Canyon Quarry	Fre	1.74	48.5	South	6	33.6	D	3070	46.3	A
A152	SR 84 - WB	Niles Canyon Quarry	Eastern Fremont City Limit	Fre	1	47.5	South	6	22.8	F	3039	42.7	B
A153	SR 84 - WB	Eastern Fremont City Limit	Union City Limit	Fre	2.03	41.8	South	6	42.6	A	3073	39.6	A
A154	SR 84 - WB	Union City Limit	SR 238	Fre	1.35	31.7	South	6	54.7	A	3059	33.3	A
A155	SR 92 - EB	I-880	Mission	Hay	1.71	II	Central	6	21.6	C	2878	24.5	B
A156	SR 92 - WB	Mission	I-880	Hay	1.71	II	Central	6	19.5	C	3684	22.3	C

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A157	SR 112 (Davis) - EB	Doolittle	I-880	San L	0.52	II	Central	6	13.5	E	2931	18.9	C
A158	SR 112 (Davis) - EB	I-880	San Leandro	San L	0.99	II	Central	6	18.1	C	2632	17.2	D
A159	SR 112 (Davis) - EB	San Leandro	14th	San L	0.28	III	Central	6	11.3	D	2037	14.6	C
A160	SR 112 (Davis) - WB	E 14th	San Leandro	San L	0.28	III	Central	6	10.1	D	2935	12.3	D
A161	SR 112 (Davis) - WB	San Leandro	I-880	San L	0.99	II	Central	6	18.4	C	3524	17.8	D
A162	SR 112 (Davis) - WB	I-880	Doolittle	San L	0.52	II	Central	6	19.7	C	3611	16.9	D
A163	SR 123 San Pablo SB	Carlson	Washington	Alb	0.51	II	North	6	19.2	C	3170	17.9	D
A164	SR 123 San Pablo SB	Washington	Marin	Alb	0.36	III	North	6	12.0	D	2963	17.2	C
A165	SR 123 San Pablo SB	Marin	Gilman	Alb - Berk	0.45	II	North	6	23.4	C	3321	17.1	D
A166	SR 123 San Pablo SB	Gilman	University	Berk	0.81	II	North	6	14.7	D	2996	17.6	D
A167	SR 123 San Pablo SB	University	Allston	Berk	0.19	III	North	6	10.4	D	3017	20.6	B
A168	SR 123 San Pablo SB	Allston	Dwight	Berk	0.38	II	North	6	20.1	C	3017	20.6	C
A169	SR 123 San Pablo SB	Dwight	Ashby	Berk	0.64	II	North	6	20.6	C	2543	19.8	C
A170	SR 123 San Pablo SB	Ashby	Stanford	Oak	0.8	II	North	6	16.1	D	2875	19.0	C
A171	SR 123 San Pablo SB	Stanford	53rd	Oak	0.27	II	North	6	18.2	C	2965	17.3	D
A172	SR 123 San Pablo SB	53rd	Park	Emery	0.34	II	North	6	16.7	D	2965	17.3	D
A173	SR 123 San Pablo SB	Park	35th	Emery - Oak	0.44	II	North	6	13.4	E	1512	17.8	D
A174	SR 123 San Pablo NB	35th	Park	Oak - Emery	0.42	II	North	6	18.6	C	1095	16.4	D

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A175	SR 123 San Pablo NB	Park	53rd	Emery	0.34	II	North	6	24.8	B	3471	18.7	C
A176	SR 123 San Pablo NB	53rd	Stanford	Oak	0.27	II	North	6	23.0	C	3471	18.7	C
A177	SR 123 San Pablo NB	Stanford	Ashby	Oak	0.8	II	North	6	15.5	D	3076	15.6	D
A178	SR 123 San Pablo NB	Ashby	Dwight	Berk	0.64	II	North	6	22.4	C	1556	22.1	C
A179	SR 123 San Pablo NB	Dwight	Allston	Berk	0.38	II	North	6	26.4	B	2167	18.9	C
A180	SR 123 San Pablo NB	Allston	University	Berk	0.19	III	North	6	12.7	D	2167	18.9	C
A181	SR 123 San Pablo NB	University	Gilman	Berk	0.81	II	North	6	21.5	C	1407	17.9	D
A182	SR 123 San Pablo NB	Gilman	Marin	Alb - Berk	0.45	II	North	6	22.1	C	2249	17.9	D
A183	SR 123 San Pablo NB	Marin	Washington	Alb	0.36	III	North	6	13.0	C	1562	18.7	C
A184	SR 123 San Pablo NB	Washington	Carlson	Alb	0.51	II	North	6	22.5	C	2143	19.7	C
A185	SR 185 (International Blvd) - SB	42nd	46th St	Oak	0.29	II	North	6	19.4	C	585	17.5	D
A186	SR 185 (International Blvd) - SB	46th St	Seminary	Oak	0.78	II	North	6	24.2	B	1326	20.7	C
A187	SR 185 (International Blvd) - SB	Seminary	73rd	Oak	0.8	II	North	6	16.9	D	897	13.1	E
A188	SR 185 (International Blvd) - SB	73rd Ave	98th Ave	Oak	1.41	II	North	6	22.1	C	337	18.0	C
A189	SR 185 (International Blvd) - SB	98th	Broadmoor	Oak	0.75	II	North	6	19.3	C	1131	19.3	C

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A190	SR 185 (14th) - SB	Broadmoor	Davis	San L	0.73	II	Central	6	21.2	C	2222	19.3	C
A191	SR 185 (14th) - SB	Davis	San Leandro	San L	1.06	III	Central	6	22.2	B	1530	19.1	B
A192	SR 185 (14th) - SB	San L Blvd	Hesperian	San L	0.94	II	Central	6	20.8	C	2278	21.8	C
A193	SR 185 (14th) - SB	Hesperian	Bayfair	San L	0.47	II	Central	6	18.4	C	862	19.8	C
A194	SR 185 (14th) - SB	Bayfair	170th	Uninc	1.19	II	South	6	17.5	D	573	20.0	C
A195	SR 185 (14th) - SB	170th	Llewelling	Uninc	0.2	II	South	6	17.4	D	2359	21.3	C
A196	SR 185 (14th) - SB	Llewelling	Sunset	Uninc	1.05	II	South	6	16.7	D	1516	20.3	C
A197	SR 185 Hayward - SB	Sunset	SR 92/238	Hay	0.84	III	Central	6	11.9	D	2996	16.7	C
A198	SR 185 Hayward - NB	A Street (SR 92/238 until 2012)	Sunset	Hay	0.43	III	Central	6	26.8	A	1390	20.4	B
A199	SR 185 (14th) - NB	Sunset	Llewelling	Uninc	1.05	II	South	6	22.5	C	685	23.2	C
A200	SR 185 (14th) - NB	Llewelling	170th	Uninc	0.2	II	South	6	32.3	A	1752	25.2	B
A201	SR 185 (14th) - NB	170th	Bayfair	Uninc	1.19	II	South	6	19.7	C	1386	19.8	C
A202	SR 185 (14th) - NB	Bayfair	Hesperian	San L	0.47	II	Central	6	23.1	C	1633	20.1	C
A203	SR 185 (14th) - NB	Hesperian	San L Blvd	San L	0.94	II	Central	6	17.1	D	2986	19.6	C
A204	SR 185 (14th) - NB	San Leandro	Davis	San L	1.06	III	Central	6	14.2	C	1617	15.4	C
A205	SR 185 (14th) - NB	Davis	Broadmoor	San L	0.73	II	Central	6	21.2	C	2323	19.9	C
A206	SR 185 (International Blvd) - NB	Broadmoor	98th	Oak	0.75	II	North	6	15.3	D	673	15.9	D

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A207	SR 185 (International Blvd) - NB	98th Ave	73rd Ave	Oak	1.41	II	North	6	17.3	D	1050	15.1	D
A208	SR 185 (International Blvd) - NB	73rd Ave	Seminary	Oak	0.8	II	North	6	11.6	E	1134	13.8	E
A209	SR 185 (International Blvd) - NB	Seminary	46th St	Oak	0.78	II		6	16.6	D	2245	16.6	D
A210	SR 185 (International Blvd) - NB	46th St	42nd	Oak	0.29	II		6	6.7	F	1453	14.2	D
A211	SR 238 (Foothill) - NB	Jackson	City Center	Hay	0.63	III	Central	6	24.4	B	3640	17.7	C
A212	SR 238 (Foothill) - NB	City Center	I-580	Hay	0.73	II	South	6	30.9	A	3167	25.5	B
A213	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Uninc	0.68	I	South	6	44.6	A	6	49.5	A
A214	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Uninc	0.73	I	South	6	37.2	A	6	32.9	B
A215	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hay-Uninc	1.04	II	Central	6	28.1	B	3477	21.1	C
A216	SR 238 (Foothill) - SB	City Center	A Street	Hay	0.16	III	Central	6	9.1	D	3576	18.6	C
A217	SR 238 (Mission) - NB	680 NB Rmp	Stevenson	Fre	2.35	I	South	6	34.6	B	2228	31.7	B
A218	SR 238 (Mission) - NB	Stevenson	Nursery	Fre	2.43	I	South	6	30.7	B	2926	32.1	B
A219	SR 238 (Mission) - NB	Nursery	Tamarack	Uni Cty	2.63	I	South	6	32.8	B	3021	34.6	B
A220	SR 238 (Mission) - NB	Tamarack	Industrial	Uni Cty - Hay	1.96	I	South	6	29.8	B	3692	28.0	B
A221	SR 238 (Mission) - NB	Industrial	Sorenson	Hay	1.46	II	Central	6	24.0	B	3685	25.6	B
A222	SR 238 (Mission) - NB	Sorenson	Jackson	Hay	1.83	II	Central	6	19.1	C	3652	23.7	C

Table B-7: 2018 LOS Monitoring Results for Arterials (Tier 1) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
A223	SR 238 (Mission) - SB	Jackson	Sorenson	Hay	1.83	II	Central	6	23.8	C	3621	24.1	B
A224	SR 238 (Mission) - SB	Sorenson	Industrial	Hay	1.46	II	Central	6	21.3	C	3706	22.6	C
A225	SR 238 (Mission) - SB	Industrial	Tamarack	Hay - Uni Cty	1.96	I	Central	6	24.8	C	3706	20.7	D
A226	SR 238 (Mission) - SB	Tamarack	Nursery	Uni Cty	2.63	I	South	6	22.6	C	3630	26.0	C
A227	SR 238 (Mission) - SB	Nursery	Stevenson	Fre	2.43	I	South	6	17.6	D	3675	25.7	C
A228	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fre	2.35	I	South	6	24.7	C	3098	27.7	C
A229	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oak	1.35	I	North	6	9.1	D	2702	16.6	E
A230	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oak	1.43	I	North	6	31.4	A	300	33.9	B
A231	SR 262 (Mission) - EB	I-880 NB	I-680 NB	Fre	1.48	I	South	6	33.0	B	3699	31.7	B
A232	SR 262 (Mission) - WB	I-680 NB	I-880 SB	Fre	1.67	I	South	6	23.6	C	3703	32.1	B
A233	SR 84 (Liv) - NB - realign	Airway	I-580 WB (off)	Liv	0.52	I	East	6	30.6	B	3385	35.0	B
A234	SR 84 (Liv) - NB - realign	I-580 WB (off)	Airway)	Liv	0.53	I	East	6	11.8	F	3263	25.0	C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T1	W.Grand Ave - Grand Ave -EB	I-80/Maritime St	San Pablo Ave	Oak	1.63	North	26.6	2	3	696	19.4	C/C	776	19.7	C/C
T2	W.Grand Ave - Grand Ave -EB	San Pablo Ave	Broadway	Oak	0.4	North	19.9	3	4	1684	12.2	D/D	1845	12.0	D/D
T3	W.Grand Ave - Grand Ave -EB	Broadway	I-580	Oak	1.08	North	21.6	3	4	809	11.4	D/D	1647	12.1	D/D
T4	W.Grand Ave - Grand Ave -WB	I-580	Broadway	Oak	1.08	North	21.5	3	4	505	14.0	C/C	814	14.8	C/C
T5	W.Grand Ave - Grand Ave -WB	Broadway	San Pablo Ave	Oak	0.4	North	20.8	3	4	1506	11.2	D/D	2206	13.0	C/D
T6	W.Grand Ave - Grand Ave -WB	San Pablo Ave	I-80/Maritime St	Oak	1.63	North	28.3	2	3	1042	22.2	C/C	2394	26.8	B/B
T7	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	I-980 ON Ramp/Brush St	Webster	Oak	0.6	North	14.4	3	4	6	15.5	C/C	Commercial Data Not Available		
T8	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	Webster	East side of Lake Merritt Channel	Oak	0.66	North	14.7	3	4	6	11.9	D/D	Commercial Data Not Available		
T9	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	East side of Lake Merritt Channel	MacArthur Blvd/I-580 ON Ramp	Oak	1.15	North	16.7	3	4	6	13.6	C/C	1255	13.0	C/D
T10	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	MacArthur Blvd/I-580 ON Ramp	East side of Lake Merritt Channel	Oak	1.15	North	16.8	3	4	6	16.1	C/C	758	15.0	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T11	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	East side of Lake Merritt Channel	Webster	Oak	0.64	North	15.9	3	4	6	11.9	D/D	Commercial Data Not Available		
T12	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	Webster	I-980 OFF Ramp/Brush St	Oak	0.6	North	17.4	3	4	6	10.0663	D/D	Commercial Data Not Available		
T13	Telegraph Ave-NB	51st Street	Russell St	Oak - Berk	1.41	North	15.0	3	4	6	12.1	D/D	1392	15.1	C/C
T14	Telegraph Ave-NB	Russell St	Bancroft Way	Berk	0.77	North	13.5	3	4	6	13.5	C/C	948	12.9	D/D
T15	Dana-Dwight-Telegraph-SB	Bancroft Way	Russell St	Berk	0.9	North	13.9	3	4	6	15.0	C/C	Commercial Data Not Available		
T16	Telegraph Ave-SB	Russell St	51st Street	Oak - Berk	1.41	North	18.5	3	4	6	13.5	C/C	1205	16.4	C/C
T17	Broadway-SB	Broadway/Coll ege Ave	Grand Ave	Oak	1.91	North	20.8	2	3	718	13.6	E/E	1547	11.9	E/E
T18	Broadway-SB	Grand Ave	14th St	Oak	0.55	North	18.2	3	4	1039	11.0	D/D	1654	10.1	D/D
T19	Broadway-SB	14th St	5th St/Broadway	Oak	0.48	North	17.9	3	4	1505	8.1	E/E	2496	7.3	E/E
T20	Broadway (Connection to I-880)-SB	5th St/Broadway	I-880 ON Ramp	Oak	0.21	North	62.9	1	1	6	16.4	E/E	Commercial Data Not Available		
T21	Broadway (Connection to I-880)-NB	I-880 OFF Ramp	5th St/Broadway	Oak	1.26	North	23.0	1	2	6	13.6	E/F	Commercial Data Not Available		
T22	Broadway-NB	5th St/Broadway	14th St	Oak	0.48	North	17.1	3	4	658	8.7	E/E	631	8.5	E/E
T23	Broadway-NB	14th St	Grand Ave	Oak	0.55	North	18.3	3	4	974	11.1	D/D	1411	11.1	D/D

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T24	Broadway-NB	Grand Ave	Broadway/ College Ave	Oak	1.91	North	21.9	2	3	1257	12.6	E/E	2357	12.6	E/E
T25	Durant-EB	Shattuck	College Ave.	Berk	0.73	North	16.0	3	4	6	16.5	C/C	Commercial Data Not Available		
T26	College Avenue-SB	Bancroft Way/College Ave	Ashby Ave	Berk	0.85	North	16.8	3	4	1224	8.9	E/E	1704	9.1	D/D
T27	College Avenue-SB	Ashby Ave	Miles Ave/SR 24 OFF Ramp	Oak - Berk	0.83	North	19.7	3	4	674	10.2	D/D	1513	11.6	D/D
T28	College Avenue-SB	Miles Ave/SR 24 OFF Ramp	Broadway/ College Ave	Oak	0.61	North	16.7	3	4	953	11.9	D/D	2378	12.5	D/D
T29	College Avenue-NB	Broadway/Coll ege Ave	Miles Ave/SR 24 OFF Ramp	Oak	0.61	North	17.0	3	4	1063	10.8	D/D	2101	11.5	D/D
T30	College Avenue-NB	Miles Ave/SR 24 OFF Ramp	Ashby Ave	Oak - Berk	0.83	North	18.3	3	4	518	10.0	D/D	1417	9.4	D/D
T31	College Avenue-NB	Ashby Ave	Bancroft Way/Colle ge Ave	Berk	0.85	North	16.8	3	4	1049	10.5	D/D	1658	11.2	D/D
T32	Bancroft-WB	College Ave.	Shattuck	Berk	0.73	North	12.5	3	4	6	11.4	D/D	482	10.8	D/D
T33	51st Street-EB	SR 24 Off Ramp/52nd St	Broadway	Oak	0.75	North	15.0	3	4	6	13.0	C/C	2981	14.5	C/C
T34	51st Street-WB	Broadway	SR 24 Off Ramp/52nd St	Oak	0.75	North	15.7	3	4	6	14.3	C/C	694	17.4	C/C
T35	Shattuck Avenue-NB	51st	Alcatraz Ave.	Oak - Berk	0.81	North	22.8	3	4	6	16.4	C/C	3062	16.4	C/C
T36	Shattuck Avenue-NB	Alcatraz Ave.	Adeline St.	Berk	0.7	North	16.7	3	4	6	12.1	D/D	2479	13.6	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T37	Shattuck Avenue-SB	Adeline St.	Alcatraz Ave.	Berk	0.7	North	17.1	3	4	6	11.6	D/D	2454	10.5	D/D
T38	Shattuck Avenue-SB	Alcatraz Ave.	51st	Oak	0.81	North	17.3	3	4	6	15.8	C/C	3134	17.3	C/C
T39	Powell Street-Stanford Avenue-EB	NB I-80 OFF Ramp	San Pablo Ave	Emery	0.75	North	15.5	2	3	6	16.1	D/D	Commercial Data Not Available		
T40	Powell Street-Stanford Avenue-EB	San Pablo Ave	MLK Jr Way	Oak - Berk	0.76	North	17.0	2	3	6	19.0	C/C	Commercial Data Not Available		
T41	Powell Street-Stanford Avenue-WB	MLK Jr Way	San Pablo Ave	Oak - Berk	0.76	North	19.1	2	3	6	18.5	C/C	Commercial Data Not Available		
T42	Powell Street-Stanford Avenue-WB	San Pablo Ave	NB I-80 OFF Ramp	Emery - Oak	0.75	North	15.3	2	3	6	13.8	E/E	2181	15.1	D/D
T43	40thStreet-Shellmound Avenue-EB	Shellmound Way (north of Powell St)	40th St	Emery	0.73	North	24.6	2	3	6	20.9	C/C	Commercial Data Not Available		
T44	40thStreet-Shellmound Avenue-EB	40th St	San Pablo Ave	Emery	0.68	North	16.5	3	4	6	13.4	C/C	1142	11.6	D/D
T45	40thStreet-Shellmound Avenue-WB	San Pablo Ave	40th St	Emery	0.68	North	22.0	3	4	6	18.8	C/C	658	16.6	C/C
T46	40thStreet-Shellmound Avenue-WB	40th St	Shellmound Way (north of Powell St)	Emery	0.73	North	29.0	2	3	6	25.4	B/B	Commercial Data Not Available		
T47	International Boulevard-NB	42nd Ave	Fruitvale Ave	Oak	0.62	North	21.9	3	4	1329	12.2	D/D	1240	12.2	D/D
T48	International Boulevard-NB	Fruitvale Ave	14th Ave	Oak	1.38	North	22.9	3	4	630	18.7	C/C	470	18.2	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T49	International Boulevard-NB	14th Ave	Lake Merritt Blvd	Oak	0.88	North	22.5	3	4	475	18.1	C/C	364	18.1	C/C
T50	International Boulevard-SB	Lake Merritt Blvd	14th Ave	Oak	0.88	North	21.5	3	4	2011	17.4	C/C	780	18.5	C/C
T51	International Boulevard-SB	14th Ave	Fruitvale Ave	Oak	1.38	North	22.9	3	4	2459	17.3	C/C	1061	17.7	C/C
T52	International Boulevard-SB	Fruitvale Ave	42nd Ave	Oak	0.62	North	21.4	3	4	2863	8.4	E/E	1503	9.0	D/E
T53	73d Ave-NB	International Blvd/73rd Ave	73rd Ave/Foothill Blvd	Oak	1.07	North	28.1	2	3	1935	19.1	C/C	2317	19.1	C/C
T54	Foothill Boulevard-NB	73rd Ave/Foothill Blvd	Seminary Ave	Oak	1.02	North	20.3	3	4	52	20.2	B/B	153	17.4	C/C
T55	Foothill Boulevard-NB	Seminary Ave	High Street	Oak	1.22	North	21.5	3	4	748	18.1	C/C	370	18.2	C/C
T56	Foothill Boulevard-NB	High Street	Fruitvale Ave	Oak	0.9	North	19.8	3	4	517	11.1	D/D	152	10.0	D/D
T57	Foothill Boulevard-NB	Fruitvale Ave	14th Ave	Oak	1.32	North	22.9	2	3	692	16.1	D/D	369	18.5	C/C
T58	Foothill Boulevard-NB	14th Ave	1st Ave/Lake Shore Blvd	Oak	0.88	North	20.5	3	4	177	14.7	C/C	54	17.8	C/C
T60	Foothill Boulevard-SB	14th Ave	Fruitvale Ave	Oak	1.32	North	21.8	2	3	844	15.2	D/D	284	15.8	D/D
T61	Foothill Boulevard-SB	Fruitvale Ave	High Street	Oak	0.9	North	20.8	3	4	778	11.1	D/D	247	9.6	D/D
T62	Foothill Boulevard-SB	High Street	Seminary Ave	Oak	1.22	North	20.2	3	4	1340	18.2	C/C	575	17.5	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T63	Foothill Boulevard-SB	Seminary Ave	73rd Ave/Foothill Blvd	Oak	1.02	North	21.2	3	4	772	16.4	C/C	276	12.9	D/D
T64	73d Ave-SB	73rd Ave/Foothill Blvd	International Blvd/73rd Ave	Oak	1.07	North	26.9	2	3	1569	20.1	C/C	1494	20.2	C/C
T65	E. 15th Street-SB/14th Avenue	1st Avenue	Foothill Blvd/14th Avenue	Oak	0.98	North	14.8	3	4	6	17.8	C/C	Commercial Data Not Available		
T66	High Street-EB	Otis Drive	Central Ave	Ala	0.58	North	19.7	3	4	162	20.2	B/B	505	19.2	B/B
T67	High Street-EB	Central Ave	Fernside Blvd	Ala	0.48	North	19.3	3	4	758	17.4	C/C	1695	16.3	C/C
T68	High Street-EB	Fernside Blvd	NB I-880 OFF Ramp	Ala - Oak	0.5	North	14.8	2	3	310	12.0	E/E	576	10.9	E/E
T69	High Street-EB	NB I-880 OFF Ramp	Foothill Blvd	Oak	0.61	North	16.3	3	4	577	11.3	D/D	945	10.6	D/D
T70	High Street-EB	Foothill Blvd	MacArthur Blvd/WB I-580 OFF Ramp	Oak	1.29	North	20.9	3	4	614	17.6	C/C	1049	18.8	C/C
T71	High Street-WB	MacArthur Blvd/WB I-580 OFF Ramp	Foothill Blvd	Oak	1.29	North	21.2	3	4	440	20.3	B/B	707	18.3	C/C
T72	High Street-WB	Foothill Blvd	NB I-880 OFF Ramp	Oak	0.61	North	16.9	3	4	593	11.5	D/D	1029	10.2	D/D
T73	High Street-WB	NB I-880 OFF Ramp	Fernside Blvd	Ala - Oak	0.5	North	21.6	2	3	609	17.3	D/D	2068	17.3	D/D
T74	High Street-WB	Fernside Blvd	Central Ave	Ala	0.48	North	16.8	3	4	1018	19.5	B/B	2420	18.5	C/C
T75	High Street-WB	Central Ave	Otis Drive	Ala	0.58	North	24.5	3	4	542	17.8	C/C	1301	16.8	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T76	Crow Canyon Road/Grove Way-NB	A Street/Redwood Road	EB I-580 ON Ramp/Grove Way	Uninc	0.95	Central	29.0	2	3	1638	18.6	C/C	2008	18.2	C/C
T77	Crow Canyon Road/Grove Way-NB	EB I-580 ON Ramp/Grove Way	Cull Canyon	Uninc	0.81	Central	32.1	1	2	3078	23.1	C/C	3659	22.7	C/C
T78	Crow Canyon Road-NB	Cull Canyon	Cold Water Dr	Uninc	0.88	Central	42.3	1	2	3197	38.4	A/A	3675	36.7	A/A
T79	Crow Canyon Road-NB	Cold Water Dr	0.43 miles north of Norris Canyon Rd	Uninc	2.41	Central	42.0	Rural	Rural	3546	38.2	A/-	3706	36.5	B/-
T80	Crow Canyon Road-NB	0.43 miles north of Norris Canyon Rd	County Line	Uninc	2.97	Central	42.0	Rural	Rural	3546	38.2	A/-	3706	36.5	B/-
T81	Crow Canyon Road-SB	County Line	0.43 miles north of Norris Canyon Rd	Uninc	2.97	Central	41.4	Rural	Rural	3536	38.1	A/-	3706	37.2	B/-
T82	Crow Canyon Road-SB	0.43 miles north of Norris Canyon Rd	Cold Water Dr	Uninc	2.4	Central	41.4	Rural	Rural	3536	38.1	A/-	3706	37.2	B/-
T83	Crow Canyon Road-SB	Cold Water Dr	Cull Canyon	Uninc	0.89	Central	41.6	1	2	2512	36.2	A/A	2981	35.9	A/A
T84	Crow Canyon Road/Grove Way-SB	Cull Canyon	EB I-580 ON Ramp/Grove Way	Uninc	0.82	Central	36.1	1	2	1475	23.7	C/C	2335	25.3	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T85	Crow Canyon Road/Grove Way-SB	EB I-580 ON Ramp/Grove Way	A Street/Redwood Road	Uninc	0.94	Central	30.7	2	3	487	23.9	C/C	935	23.2	C/C
T86	Winton Avenue - D Street-EB	Hesperian Blvd.	SB I-880 ON Ramp	Hay	0.39	Central	25.7	2	3	3533	16.5	D/D	3695	14.7	D/D
T87	Winton Avenue - D Street-EB	SB I-880 ON Ramp	Santa Clara St	Hay	0.35	Central	33.5	2	3	3447	19.3	C/C	3599	18.8	C/C
T88	Winton Avenue - D Street-EB	Santa Clara St	Soto Rd	Hay	0.55	Central	24.1	2	3	3505	14.9	D/D	3666	16.7	D/D
T89	Winton Avenue - D Street-EB	Soto Rd	Foothill Boulevard/D St	Hay	0.92	Central	24.5	2	3	2382	12.9	E/E	2803	13.0	E/E
T90	Winton Avenue - D Street-WB	Foothill Boulevard/D St	Soto Rd	Hay	0.92	Central	27.2	2	3	948	17.6	D/D	864	17.7	D/D
T91	Winton Avenue - D Street-WB	Soto Rd	Santa Clara St	Hay	0.55	Central	23.0	2	3	3155	18.4	C/C	2572	16.3	D/D
T92	Winton Avenue - D Street-WB	Santa Clara St	SB I-880 ON Ramp	Hay	0.35	Central	34.7	2	3	2717	29.5	B/B	2510	30.2	A/A
T93	Winton Avenue - D Street-WB	SB I-880 ON Ramp	Hesperian Blvd.	Hay	0.39	Central	24.1	2	3	3474	18.5	C/C	3693	19.3	C/C
T94	A Street-EB	Foothill Boulevard/A St	Redwood Rd/Grove Way	Hay - Uninc	0.8	Central	23.6	2	3	3202	19.9	C/C	3483	19.0	C/C
T95	A Street-EB	Redwood Rd/Grove Way	EB I-580 ON Ramp/Grove Way	Uninc	0.42	Central	18.5	2	3	2684	20.2	C/C	3293	19.2	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T96	A Street-WB	EB I-580 ON Ramp/Grove Way	Redwood Rd/Grove Way	Uninc	0.42	Central	28.8	2	3	2627	21.0	C/C	3223	20.1	C/C
T97	A Street-WB	Redwood Rd/Grove Way	Foothill Boulevard/A St	Uninc	0.8	Central	15.8	2	3	2634	19.5	C/C	3174	19.1	C/C
T98	Hesperian Boulevard-Union City Blvd-NB	Union City/Alvarado Blvd	Whipple Rd	Uni Cty	0.98	South	26.5	1	2	3085	12.9	F/F	3590	12.3	F/F
T99	Hesperian Boulevard-Union City Blvd-NB	Whipple Rd	Hesperian/Union City Blvd/overbridge	Uni Cty	0.3	South	32.9	1	2	3315	12.5	F/F	3706	11.9	F/F
T100	Hesperian Boulevard-Union City Blvd-NB	Hesperian/Union City Blvd/overbridge	Industrial Blvd	Hay	0.57	South	26.4	1	2	3178	13.7	E/E	3702	14.3	E/E
T101	Hesperian Boulevard-Union City Blvd-NB	Industrial Blvd	Tennyson/Hesperian	Hay	1.05	South	25.2	2	3	3473	25.3	B/B	3526	23.8	C/C
T102	Hesperian Boulevard-Union City Blvd-SB	Tennyson/Hesperian	Industrial Blvd	Hay	1.05	South	26.8	2	3	2555	24.9	B/B	2744	23.0	C/C
T103	Hesperian Boulevard-Union City Blvd-SB	Industrial Blvd	Hesperian/Union City Blvd/overbridge	Hay	0.57	South	19.3	1	2	1034	21.0	D/D	757	21.2	D/D

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T104	Hesperian Boulevard-Union City Blvd-SB	Hesperian/Union City Blvd/overbridge	Whipple Rd	Uni Cty	0.3	South	22.1	1	2	3196	24.1	C/C	3546	23.8	C/C
T105	Hesperian Boulevard-Union City Blvd-SB	Whipple Rd	Union City/Alvarado Blvd	Uni Cty	0.98	South	29.5	1	2	1504	24.0	C/C	2565	24.2	C/C
T106	Alvarado Blvd.-NB	NB I-880 ON Ramp	Deep Creek Rd/SB I-880 OFF Ramp	Fre	0.22	South	30.6	1	2	2640	26.9	C/C	3394	26.0	C/C
T107	Alvarado Blvd.-NB	Deep Creek Rd/SB I-880 OFF Ramp	Fair Ranch Rd	Uni Cty - Fre	1.42	South	32.4	1	2	520	25.3	C/C	2528	22.7	C/C
T108	Alvarado Blvd.-NB	Fair Ranch Rd	Union City/Alvarado Blvd	Uni Cty	0.51	South	28.5	1	2	183	18.5	D/D	2536	19.9	D/D
T109	Alvarado Blvd.-SB	Union City/Alvarado Blvd	Fair Ranch Rd	Uni Cty	0.51	South	28.1	1	2	1740	17.2	D/D	2103	17.3	D/D
T110	Alvarado Blvd.-SB	Fair Ranch Rd	Deep Creek Rd/SB I-880 OFF Ramp	Uni Cty - Fre	1.42	South	31.2	1	2	1457	24.3	C/C	1879	22.9	C/C
T111	Alvarado Blvd.-SB	Deep Creek Rd/SB I-880 OFF Ramp	NB I-880 ON Ramp	Fre	0.22	South	31.6	1	2	2001	22.3	C/C	2979	24.6	C/C
T112	Fremont Boulevard-NB	NB I-880 OFF Ramp	Automall Parkway	Fre	1.28	South	34.7	1	2	2723	21.8	D/D	3309	20.7	D/D

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T113	Fremont Boulevard-NB	Automall Parkway	Blacow Rd	Fre	0.91	South	34.2	1	2	3293	28.3	B/B	3576	31.2	B/B
T114	Fremont Boulevard-NB	Blacow Rd	Adams Ave	Fre	0.38	South	28.0	1	2	3515	19.8	D/D	3653	24.5	C/C
T115	Fremont Boulevard-NB	Adams Ave	Stevenson Rd	Fre	1.17	South	27.9	2	3	2507	19.7	C/C	3306	24.6	B/B
T116	Fremont Boulevard-NB	Stevenson Rd	Mowry Ave	Fre	1	South	30.2	2	3	1643	23.4	C/C	2692	24.4	B/B
T117	Fremont Boulevard-NB	Mowry Ave	Peralta Blvd	Fre	1.21	South	30.0	2	3	2174	21.0	C/C	2911	23.2	C/C
T118	Fremont Boulevard-NB	Peralta Blvd	Thornton Ave	Fre	0.33	South	30.9	2	3	2488	15.7	D/D	2731	15.0	D/D
T119	Fremont Boulevard-NB	Thornton Ave	Decoto Rd	Fre	1.33	South	32.0	1	2	2325	22.7	C/C	3075	25.8	C/C
T120	Fremont Boulevard-NB	Decoto Rd	Paseo Padre Pkwy	Fre	0.56	South	31.0	1	2	2511	22.4	C/C	3185	23.5	C/C
T121	Fremont Boulevard-NB	Paseo Padre Pkwy	NB I-880 OFF Ramp	Fre	0.39	South	31.0	1	2	2165	25.0	C/C	3068	24.2	C/C
T122	Fremont Boulevard-SB	NB I-880 OFF Ramp	Paseo Padre Pkwy	Fre	0.39	South	32.0	1	2	1316	24.5	C/C	2206	22.9	C/C
T123	Fremont Boulevard-SB	Paseo Padre Pkwy	Decoto Rd	Fre	0.56	South	29.7	1	2	1230	24.4	C/C	1709	24.7	C/C
T124	Fremont Boulevard-SB	Decoto Rd	Thornton Ave	Fre	1.33	South	30.2	1	2	1589	24.1	C/C	2060	24.7	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T125	Fremont Boulevard-SB	Thornton Ave	Peralta Blvd	Fre	0.32	South	29.3	2	3	2544	17.0	D/D	3003	17.1	D/D
T126	Fremont Boulevard-SB	Peralta Blvd	Mowry Ave	Fre	1.21	South	29.4	2	3	1543	23.8	C/C	2002	22.8	C/C
T127	Fremont Boulevard-SB	Mowry Ave	Stevenson Rd	Fre	1	South	32.3	2	3	1227	24.5	B/B	1593	23.7	C/C
T128	Fremont Boulevard-SB	Stevenson Rd	Adams Ave	Fre	1.17	South	27.8	2	3	2216	22.1	C/C	1705	22.3	C/C
T129	Fremont Boulevard-SB	Adams Ave	Blacow Rd	Fre	0.38	South	27.9	1	2	3480	22.3	C/C	2376	21.9	D/D
T130	Fremont Boulevard-SB	Blacow Rd	Automall Parkway	Fre	0.91	South	33.1	1	2	1462	29.2	B/B	1994	27.1	C/C
T131	Fremont Boulevard-SB	Automall Parkway	NB I-880 OFF Ramp	Fre	1.28	South	34.9	1	2	738	30.0	B/B	1407	27.6	C/C
T132	Automall Parkway-EB	NB I-880 OFF Ramp	Fremont Blvd	Fre	0.85	South	23.1	1	2	6	25.8	C/C	3668	23.8	C/C
T133	Automall Parkway-EB	Fremont Blvd	NB I-680 ON Ramp	Fre	0.74	South	29.5	1	2	6	24.6	C/C	3634	13.1	E/E
T134	Automall Parkway-WB	NB I-680 ON Ramp	Fremont Blvd	Fre	0.75	South	21.1	1	2	6	20.3	D/D	2735	21.5	D/D
T135	Automall Parkway-WB	Fremont Blvd	NB I-880 OFF Ramp	Fre	0.85	South	27.1	1	2	6	25.5	C/C	3443	24.5	C/C
T136	Vasco Road-NB	WB I-580 OFF Ramp	Scenic Ave	Liv	0.44	East	36.3	1	2	3168	15.4	E/E	3599	9.0	F/F
T137	Vasco Road-NB	Scenic Ave	Dalton Ave/City-County Line	Liv	0.68	East	37.4	1	2	3255	14.6	E/E	3705	8.1	F/F
T138	Vasco Road-NB	Dalton Ave/City-County Line	N. Vasco Rd/Vasco Rd	Liv	3.11	East	53.0	Rural	Rural	3320	34.2	D/-	3700	40.6	C/-

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T139	Vasco Road-NB	N. Vasco Rd/Vasco Rd	Local Road underpass/ County Line	Liv	2.25	East	53.0	Rural	Rural	3320	34.2	D/-			
T140	Vasco Road-SB	Local underpass/Cou nty Line	Rd/Vasco Rd	Liv	2.25	East	46.8	Rural	Rural	3132	57.1	A/-	3438	56.4	A/-
T141	Vasco Road-SB	N. Vasco Rd/Vasco Rd	Dalton Ave/City-County Line	Liv	3.11	East	46.8	Rural	Rural	3132	57.1	A/-	3438	56.4	A/-
T142	Vasco Road-SB	Dalton Ave/City-County Line	Scenic Ave	Liv	0.68	East	34.3	1	2	3067	30.2	B/B	3393	28.4	B/B
T143	Vasco Road-SB	Scenic Ave	WB I-580 OFF Ramp	Liv	0.44	East	32.0	1	2	1616	30.9	B/B	1872	30.2	B/B
T144	Dublin Blvd.-EB	San Ramon Road	Village Parkway	Dub	0.73	East	26.5	2	3	2445	16.8	D/D	3577	15.3	D/D
T145	Dublin Blvd.-EB	Village Parkway	Dougherty Rd	Dub	0.81	East	29.5	2	3	2541	22.7	C/C	3572	24.1	B/B
T146	Dublin Blvd.-EB	Dougherty Rd	Hacienda Dr	Dub	1.21	East	34.1	1	2	2020	25.0	C/C	3705	27.6	C/C
T147	Dublin Blvd.-EB	Hacienda Dr	Tassajara Dr	Dub	0.89	East	30.2	1	2	2219	20.1	D/D	3468	21.8	D/D
T148	Dublin Blvd.-WB	Tassajara Dr	Hacienda Dr	Dub	0.89	East	29.1	1	2	453	22.4	C/C	3523	22.4	C/C
T149	Dublin Blvd.-WB	Hacienda Dr	Dougherty Rd	Dub	1.21	East	32.8	1	2	827	24.1	C/C	3616	26.6	C/C
T150	Dublin Blvd.-WB	Dougherty Rd	Village Parkway	Dub	0.81	East	29.5	2	3	3004	21.7	C/C	3582	22.9	C/C
T151	Dublin Blvd.-WB	Village Parkway	San Ramon Road	Dub	0.73	East	24.5	2	3	1404	14.1	D/D	3122	13.8	E/E

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T152	San Ramon Road-NB	WB I-580 OFF ramp	Silvergate Dr	Dub	0.64	East	30.8	1	2	1615	21.4	D/D	2976	21.9	D/D
T153	San Ramon Road-NB	Silvergate Dr	Alcosta Blvd/Westside Dr/County Line	Dub	0.99	East	35.1	1	2	2495	32.4	B/B	3503	32.4	B/B
T154	San Ramon Road-SB	Alcosta Blvd/Westside Dr/County Line	Silvergate Dr	Dub	0.99	East	35.8	1	2	2264	31.9	B/B	2978	33.0	B/B
T155	San Ramon Road-SB	Silvergate Dr	WB I-580 OFF ramp	Dub	0.64	East	32.7	1	2	1042	23.3	C/C	1660	23.1	C/C
T156	Dougherty Road-NB	WB I-580 OFF ramp	Amador Valley Blvd on SB	Dub	1.12	East	35.4	1	2	2901	22.1	C/C	3613	22.0	C/D
T157	Dougherty Road-NB	Amador Valley Blvd on SB	Fallcreek Rd on SB/County Line	Dub	0.8	East	44.1	1	2	2744	43.1	A/A	3609	41.6	A/A
T158	Dougherty Road-SB	Fallcreek Rd on SB/County Line	Amador Valley Blvd on SB	Dub	0.8	East	43.1	1	2	2774	38.3	A/A	3378	30.8	B/B
T159	Dougherty Road-SB	Amador Valley Blvd on SB	WB I-580 OFF ramp	Dub	1.12	East	33.1	1	2	2702	23.3	C/C	3537	21.2	D/D
T160	Tassajara Road-NB	WB I-580 OFF ramp	Central Parkway	Dub	0.49	East	24.7	1	2	6	13.9	E/E	Commercial Data Not Available		
T161	Tassajara Road-NB	Central Parkway	Somerset Ln/N Dublin Ranch Dr	Dub	0.68	East	34.3	1	2	6	34.5	B/B	Commercial Data Not Available		

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T162	Tassajara Road-NB	Somerset Ln/N Dublin Ranch Dr	Fallon Rd	Dub	1.04	East	38.4	1	2	6	32.4	B/B	Commercial Data Not Available		
T163	Tassajara Road-NB	Fallon Rd	County Line	Uninc	0.51	East	35.2	1	1	6	36.7	A/B	Commercial Data Not Available		
T164	Tassajara Road-SB	County Line	Fallon Rd	Uninc	0.51	East	45.2	1	1	6	40.0	A/B	Commercial Data Not Available		
T165	Tassajara Road-SB	Fallon Rd	Somerset Ln/N Dublin Ranch Dr	Dub	1.04	East	38.7	1	2	6	37.8	A/A	Commercial Data Not Available		
T166	Tassajara Road-SB	Somerset Ln/N Dublin Ranch Dr	Central Parkway	Dub	0.68	East	33.8	1	2	6	19.0	D/D	Commercial Data Not Available		
T167	Tassajara Road-SB	Central Parkway	WB I-580 OFF ramp	Dub	0.49	East	25.7	1	2	6	14.9	E/E	Commercial Data Not Available		
T168	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	SR 84/Isabel Ave	Murrita Blvd	Liv	0.91	East	31.5	1	2	3184	24.3	C/C	3611	26.8	C/C
T169	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	Murrita Blvd	S Livermore Ave	Liv	1.07	East	23.4	2	3	2225	21.6	C/C	2371	21.8	C/C
T170	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	S Livermore Ave	Inman St	Liv	0.46	East	21.7	2	3	404	19.0	C/C	450	17.5	D/D

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T171	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Inman St	S Livermore Ave	Liv	0.46	East	20.1	2	3	99	14.6	D/D	194	13.7	E/E
T172	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	S Livermore Ave	Murrita Blvd	Liv	1.07	East	26.6	2	3	772	21.1	C/C	1020	19.5	C/C
T173	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Murrita Blvd	SR 84/Isabel Ave	Liv	0.91	East	21.9	1	2	2226	35.6	A/A	2664	34.8	B/B
T174	Stoneridge Drive-EB	SB I-680 OFF Ramp	Hopyard Rd	Plea	0.93	East	33.2	1	2	3248	27.0	C/C	3697	28.6	B/B
T175	Stoneridge Drive-EB	Hopyard Rd	Hacienda Dr	Plea	0.49	East	29.8	1	2	2370	24.9	C/C	3423	28.5	B/B
T176	Stoneridge Drive-EB	Hacienda Dr	W. Las Positas Blvd	Plea	0.63	East	31.1	1	2	2917	21.9	D/D	3632	27.2	C/C
T177	Stoneridge Drive-EB	W. Las Positas Blvd	Santa Rita Road	Plea	0.44	East	30.0	1	2	1714	19.9	D/D	2947	26.7	C/C
T178	Santa Rita Road-EB	Stoneridge Dr/Santa Rita Road	W. Los Positas Blvd	Plea	0.29	East	31.1	1	2	2401	29.1	B/B	3424	28.2	B/B
T179	Santa Rita Road-EB	W. Los Positas Blvd	WB I-580 OFF Ramp	Plea	0.88	East	30.3	1	2	3073	24.7	C/C	3662	24.5	C/C
T180	Santa Rita Road-WB	WB I-580 OFF Ramp	W. Los Positas Blvd	Plea	0.88	East	31.3	1	2	2450	26.1	C/C	3410	27.7	C/C
T181	Santa Rita Road-WB	W. Los Positas Blvd	Santa Rita Road	Plea	0.29	East	31.5	1	2	2823	26.8	C/C	3449	25.4	C/C

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T182	Stoneridge Drive-WB	Santa Rita Road	W. Las Positas Blvd	Plea	0.44	East	31.8	1	2	430	22.4	C/C	1070	26.5	C/C
T183	Stoneridge Drive-WB	W. Las Positas Blvd	Hacienda Dr	Plea	0.63	East	33.8	1	2	2329	29.0	B/B	3308	31.4	B/B
T184	Stoneridge Drive-WB	Hacienda Dr	Hopyard Rd	Plea	0.49	East	28.8	1	2	1739	18.5	D/D	2744	22.1	C/C
T185	Stoneridge Drive-WB	Hopyard Rd	SB I-680 OFF Ramp	Plea	0.93	East	32.9	1	2	2159	25.7	C/C	3366	29.4	B/B
T186	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	NB I-680 OFF	Bernal Ave	Plea	1.23	East	31.2	1	2	1975	26.3	C/C	2654	27.1	C/C
T187	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave	Ray/Vineyard rd	Plea	0.63	East	26.1	3	4	3194	17.2	C/C	3640	17.7	C/C
T188	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Ray/Vineyard	Bernal Ave/Valley Ave	Plea	0.86	East	32.1	2	3	2453	23.6	C/C	3171	23.6	C/C
T189	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave/Valley Ave	SR 84/Isabel Ave	Plea - Uninc	2.98	East	44.9	1	1	3312	45.2	A/A	3675	48.9	A/A
T190	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	SR 84/Isabel Ave	Bernal Ave/Valley Ave	Plea - Uninc	2.98	East	51.0	1	1	2488	50.9	A/A	3148	51.1	A/A
T191	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave/Valley Ave	Ray/Vineyard rd	Plea	0.86	East	34.6	2	3	694	26.0	B/B	1400	27.2	B/B

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T192	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Ray/Vineyard	Bernal Ave	Plea	0.63	East	25.4	3	4	1255	18.5	C/C	2255	19.1	B/B
T193	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave	NB I-680 OFF	Plea	1.23	East	35.6	1	2	1013	31.8	B/B	2417	33.2	B/B
T194	14th Avenue - EB	E 8th Street	Foothill Boulevard	Oakland	0.259854	North	20.6	3	3	New Segment			1580	10.9	D/E
T195	14th Street- Lake Merritt Blvd - WB	12th Street	Bush Street	Oakland	1.13127	North	16.0	3	3				212	12.8	D/E
T197	23rd Avenue - NB	23rd Ave NB/SB Split	E 11th	Oakland	0.14569	North	23.3	3	3				2872	22.7	B/C
T198	23rd Avenue - SB	E 12th St	23rd Ave NB/SB Split	Oakland	0.140225	North	20.6	3	3				958	19.8	B/C
T200	40th Street- Shellmound Avenue - WB	Broadway	Powell Boulevard	Emeryville	1.30941	North	25.4	3	3				283	16.2	C/D
T202	52nd Street - WB	Telegraph Avenue	Shattuck	Oakland	0.110431	North	57.5	3	3			1000	12.1	D/E	
T208	8th Street - WB	Harrison	Broadway	Oakland	0.216212	North	10.0	3	3			1643	7.2	E/F	
T209	98th Avenue - EB	Airport Access Road	I-580	Oakland	3.24551	North	27.8	3	3			1120	16.3	C/D	
T210	Airport Access Road - NB	Dollittle Drive	Hegenberger Road	Oakland	0.323794	North	25.4	3	3			937	16.6	C/D	
T211	Altamont Pass Road-Grant Line - EB	Greenville Road	County Line (EB)	Alameda County	9.70849	East	39.0	rural	rural			2083	30.2	C/-	

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T214	Alvarado-Niles/Smith/Niles Blvd - EB	Union City Boulevard	Mission Boulevard	Fremont	6.8936	South	34.7	3	3	New Segment	1917	22.9	B/C		
T215	Auto Mall Parkway - EB	Cherry Street	I-880	Fremont	0.751288	South	22.9	3	3		3652	17.0	C/D		
T217	Bernal Avenue - EB	Bernal Avenue	Sunol Blvd/First St	Pleasanton	1.36558	East	33.6	1	1		3369	27.7	C/C		
T218	Broadway - NB	College Ave	SR24	Oakland	0.940649	North	27.1	3	3		3429	19.4	B/C		
T220	Buchanan Street-Marin Avenue - EB	I-80	Arlington/Del Norte	Berkeley	2.11749	North	19.0	3	3		2355	15.0	C/D		
T224	Casto Street - NB	7th Street	San Pablo Avenue	Oakland	0.76572	North	22.1	3	3		715	17.3	C/D		
T225	Castro Valley Boulevard-Mattox - EB	Mission Boulevard	Crow Canyon Road	Alameda County	2.69708	Central	27.1	3	3		810	16.9	C/D		
T226	Central Avenue - NB	Cherry Street	I-880	Newark	0.848362	South	33.5	3	3		846	23.9	B/C		
T229	Clawiter Road - SB	Winton Avenue	SR-92	Hayward	1.74613	Central	30.5	3	3		1863	20.7	B/C		
T233	Dyer Street - SB	Whipple Road	Alvarado Boulevard	Union City	1.15055	South	24.8	3	3	New Segment	1974	21.3	B/C		
T235	E 18th Street - EB	Lakeshore Avenue	Park Boulevard	Oakland	0.218039	North	20.0	3	3		1560	12.1	D/E		
T236	East Avenue - EB	Livermore Avenue	Vasco Road	Livermore	2.52981	East	35.0	2	2		1577	29.8	B/B		
T237	El Charro Road - NB	Stoneridge Drive	I-580	Pleasanton	0.26323	East	22.7	2	2		2829	23.1	C/C		
T238	Estudillo Avenue - EB	E 14th St	MacArthur Blvd	San Leandro	0.97937	Central	23.5	3	3		1742	19.0	B/C		

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T241	First Street - EB	Stanley	Railroad	Livermore	0.883771	East	23.4	2	2	New Segment					
T242	Foothill Road - NB	Stoneridge Drive	I-580	Pleasanton	0.735222	East	23.9	2	2		3608	19.5	C/D		
T244	Fruitvale Avenue - NB	Tilden Way	MacArthur Blvd	Alameda	2.36792	North	18.2	3	3		277	14.0	C/E		
T245	Gilman Street - EB	I-80	San Pablo Boulevard	Berkeley	0.63466	North	18.0	3	3		1564	13.6	C/E		
T246	Gimmer Boulevard - SB	Paseo Padre Parkway	Mission Boulevard	Fremont	5.07699	South	33.5	3	3		85	26.0	A/B		
T247	Harrison St-Oakland Ave - EB	20th Street	MacArthur Blvd	Oakland	0.991124	North	30.7	3	3		3036	17.2	C/D		
T248	High Street - NB	I-580	MacArthur Blvd	Oakland	0.045786	North	14.2	3	3		1483	7.1	E/F		
T249	Industrial Blvd-Pkwy West - EB	Clawiter Road	Mission Boulevard	Hayward	5.06394	Central	33.1	3	3		2557	22.1	B/C		
T252	Lewelling Boulevard - EB	Hesperian Boulevard	Hespedian Boulevard	San Leandro	1.41736	Central	25.4	3	3		648	16.8	C/D		
T253	Lewelling Boulevard - WB	Hesperian Boulevard	Wicks Boulevard	San Leandro	1.5334	Central	33.7	3	3		461	24.4	B/B		
T254	Livermore Avenue - NB	Tesla Road	I-580	Livermore	3.29199	East	39.6	2	2		596	22.4	C/C		
T255	MacArthur-SantaClara - WB	Estudillo Avenue	Seminary Ave	San Leandro - O	4.3611	Central - N	27.7	3	3		51	20.0	B/C		

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results			
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)	
T257	Marina Boulevard - WB	Dollittle Drive	Washington Avenue	San Leandro	1.79875	Central	23.5	3	3	New Segment				1112	17.8	C/D
T258	Market Street - NB	55th Street	Stanford Avenue	Oakland	0.361379	North	25.0	3	3					2442	14.0	C/E
T259	Martin Luther King Jr Way - NB	Marin Avenue	Adeline Street	Berkeley	2.67034	North	22.1	3	3					2642	15.2	C/D
T260	Martin Luther King Jr Way - NB	San Pablo Avenue	47th Street	Oakland	1.7816	North	27.0	3	3					507	16.5	C/D
T261	Mission Boulevard - SB	I-680	I-680	Fremont	3.00999	South	32.2	3	3					1688	27.6	A/B
T267	Owens Drive - EB	Willow Road	W Las Positas Blvd	Pleasanton	1.09674	East	26.5	2	2					2988	20.5	C/D
T268	Park Boulevard - EB	E 18th Street	SR-13	Piedmont	3.12213	North	32.0	3	3					1377	21.7	B/C
T269	Park Street - NB	Otis Drive	Encinal Avenue	Alameda	0.420774	North	16.0	3	3					1982	15.1	C/D
T270	Paseo Padre Parkway - WB	Peralta Boulevard	Grimmer Boulevard	Fremont	2.30181	South	26.8	3	3					2340	22.1	B/C
T271	Paseo Padre Parkway - EB	SR-84	Ardenwood Boulevard	Newark	1.49665	South	45.6	3	3					3539	32.4	A/A
T272	Patterson Pass Road - EB	Vasco Road	County Line (EB)	Livermore	10.1074	East	38.0	rural	rural					2878	37.6	A/-
T273	Redwood Road - NB	I-580	Castro Valley Boul	Alameda County	0.37937	Central	25.2	3	3					2735	11.9	D/E

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T274	San Leandro Blvd - EB	E 14th Street	San Leandro/Oakland	San Leandro	2.18316	Central	30.7	3	3	New Segment	943	20.7	B/C		
T275	San Leandro Street - EB	Fruitvale Avenue	Oakland//S L border	Oakland	4.331374	North	31.9	3	3		638	19.3	B/C		
T278	Seminary Avenue - EB	MacArthur Boulevard	I-580	Oakland	0.665938	North	24.8	3	3		2586	21.8	B/C		
T281	Stevenson Boulevard - NB	Cherry Street	Mission Boulevard	Fremont	4.02492	South	27.2	3	3		2495	21.4	B/C		
T282	Stoneridge Dr-Jack London Blvd - WB	Foothill Road	Hopyard Rd	Pleasanton	1.52188	East	32.1	1	1		3264	27.0	C/D		
T283	Telegraph Avenue - NB	51st Street	Broadway	Oakland	2.24653	North	28.9	3	3		1019	12.9	D/E		
T284	Tennyson Road - WB	Industrial Boulevard	Hesperian Boulevard	Hayward	0.604172	Central	28.1	3	3		1346	24.2	B/B		
T285	Tesla Road - EB	Livermore Avenue	County Line (EB)	Alameda County	11.92927	East	38.4	rural	rural		2623	33.3	B/-		
T286	Thornton Avenue - EB	SR-84	I-880	Newark	3.72881	South	37.9	3	3		1185	24.0	B/C		
T289	Vallecitos Road - NB	SR-84	1st St	Livermore	3.31602	East	40.9	2	2		1486	31.8	A/B		
T290	Vasco Road - SB	I-580	Tesla Road	Livermore	4.0483	East	39.0	2	2		836	32.1	A/B		
T291	Village Parkway - NB	Dublin Boulevard	County Line	Dublin	1.49764	East	32.5	2	2		214	23.2	C/C		
T292	W Las Positas Blvd - EB	Owens Drive	Santa Rita Road	Pleasanton	0.216213	East	23.5	2	2		2637	17.3	D/D		
T295	Washington Avenue - NB	Juana Avenue	Lewelling Blvd	San Leandro	2.72336	Central	27.5	3	3		198	16.6	C/D		

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results			
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)	
T296	Washington Boulevard - WB	Fremont Boulevard	Mission Boulevard	Fremont	2.20038	South	36.7	3	3					1571	20.2	B/C
T298	Wicks Blvd- Merced Street SB	Marina Boulevard	Lewelling Blvd	San Leandro	2.1925	Central	38.4	3	3					473	25.9	A/B
T299	Winton Avenue - WB	Clawiter Road	Hesperian Boulevard	Hayward	0.543366	Central	29.4	3	3					3547	25.6	A/B
T300	14th Avenue - WB	E 8th Street	Foothill Boulevard	Oakland	0.259854	North	17.4	3	3					1272	14.3	C/D
T301	14th Street- Lake Merritt Blvd - EB	Bush Street	12th Street	Oakland	1.13127	North	17.7	3	3	New Segment				654	11.5	D/E
T303	23rd Avenue - SB	23rd Ave NB/SB Split	E 11th	Oakland	0.14569	North	20.6	3	3					1102	23.3	B/C
T304	23rd Avenue - NB	E 12th St	23rd Ave NB/SB Split	Oakland	0.140225	North	23.3	3	3					1905	14.4	C/D
T306	40th Street- Shellmound Avenue - EB	Powell Boulevard	Broadway	Emeryville	1.30941	North	23.9	3	3					1020	17.1	C/D
T308	52nd Street - EB	Telegraph Avenue	Shattuck Avenue	Oakland	0.110431	North	11.2	3	3					3127	9.7	D/F
T313	7th Street-E 8th Street - EB	I-880	14th Avenue	Oakland	3.42999	North	23.6	3	3					84	13.8	C/E
T314	98th Avenue - WB	I-580	Airport Access Road	Oakland	3.24551	North	29.0	3	3					333	17.5	C/D
T315	Airport Access Road - SB	Hegenberger Road	Dollittle Drive	Oakland	0.323794	North	18.6	3	3					212	14.2	C/D

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T316	Altamont Pass Road - WB	Greenville Road	County Line	Alameda County	9.71	East	33.0	3	3		72	39.0	A/A		
T319	Alvarado-Niles/Smith/Niles Blvd - WB	Union City Boulevard	Mission Boulevard	Fremont	6.8936	South	38.2	3	3		680	23.0	B/C		
T320	Auto Mall Parkway - WB	I-880	Cherry Street	Fremont	0.751288	South	20.3	3	3		3678	15.7	C/D		
T322	Bernal Avenue - WB	I-680	Sunol Blvd/First St	Pleasanton	1.36558	East	28.5	1	1		1481	24.1	C/D		
T323	Broadway - SB	College Ave	SR24	Oakland	0.940649	North	25.9	3	3		1538	20.3	B/C		
T325	Buchanan Street-Marin Avenue - WB	I-80	Arlington/Del Norte	Berkeley	2.11707	North	22.3	3	3		890	16.1	C/D		
T328	Castro Valley Boulevard-Mattox - WB	Mission Boulevard	Crow Canyon Road	Alameda County	2.69708	Central	29.5	3	3		565	15.7	C/D		
T329	Central Avenue - SB	I-880	Cherry Street	Newark	0.848362	South	30.4	3	3		277	23.1	B/C		
T332	Clawiter Road - NB	Winton Avenue	SR-92	Hayward	1.74613	Central	25.6	3	3		2982	17.7	C/D		
T336	Dyer Street - NB	Whipple Road	Alvarado Boulevard	Union City	1.15055	South	22.3	3	3	3002	15.0	C/D			
T338	E 18th Street - WB	Lakeshore Avenue	Park Boulevard	Oakland	0.218039	North	16.1	3	3	243	11.5	D/E			
T339	East Avenue - WB	Livermore Avenue	Vasco Road	Livermore	2.52981	East	32.5	2	2	1750	26.5	B/C			
T340	El Charro Road - SB	I-580	Stoneridge Drive	Pleasanton	0.26323	East	27.0	2	2	2423	25.4	B/C			

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results			
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)	
T341	Estudillo Avenue - WB	E 14th St	MacArthur Blvd	San Leandro	0.97937	Central	24.3	3	3	New Segment				1249	20.4	B/C
T344	First Street - WB	Stanley Boulevard	Railroad Avenue	Livermore	0.883771	East	24.9	2	2					204	15.1	D/E
T345	Foothill Road - SB	Stoneridge Drive	I-580	Pleasanton	0.735222	East	36.0	2	2					3318	22.8	C/C
T347	Fruitvale Avenue - SB	Tilden Way	MacArthur Boulevard	Alameda	2.36792	North	23.1	3	3					152	11.7	D/E
T348	Gilman Street - WB	I-80	San Pablo Boulevard	Berkeley	0.63466	North	18.6	3	3					1851	15.0	C/D
T349	Gimmer Boulevard - NB	Paseo Padre Parkway	Mission Boulevard	Fremont	5.07699	South	32.9	3	3					364	24.7	B/B
T350	Harrison St-Oakland Ave - SB	MacArthur Blvd	20th Street	Oakland	0.991124	North	29.1	3	3					423	16.3	C/D
T351	High Street - WB	I-580	MacArthur Blvd	Oakland	0.045786	North	16.6	3	3					1245	12.8	D/E
T352	Industrial Blvd-Pkwy West - WB	Clawiter Road	Mission Boulevard	Hayward	5.16112	Central	33.7	3	3					2393	25.4	A/B
T355	Lewelling Boulevard - WB	Hesperian Boulevard	Mission Boulevard	San Leandro	1.41736	Central	24.7	3	3					311	17.0	C/D
T356	Lewelling Boulevard - EB	Wicks Boulevard	Hesperian Boulevard	San Leandro	1.5334	Central	32.7	3	3				890	19.9	B/C	
T357	Livermore Avenue - SB	I-580	Tesla Road	Livermore	3.29199	East	38.6	2	2				329	20.4	C/D	

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results			
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)	
T358	MacArthur-Santa Clara - EB	San Pablo Avenue	Piedmont Ave	Emeryville	1.55849	North	43.2	3	3	New Segment				1519	11.8	D/E
T359	Main St-Santa Rita Rd - SB	Bernal Avenue	Stoneridge Drive	Pleasanton	3.10278	East	35.1	2	2		3151	16.9	D/E			
T360	Marina Boulevard - EB	Dollittle Drive	Washington Avenue	San Leandro	1.79875	Central	22.9	3	3		1028	16.3	C/D			
T361	Market Street - SB	55th Street	Stanford Avenue	Oakland	0.361379	North	21.2	3	3		1819	13.9	C/E			
T362	Martin Luther King Jr Way - SB	Marin Avenue	Adeline Street	Berkeley	2.67034	North	21.9	3	3		1693	16.5	C/D			
T363	Martin Luther King Jr Way - SB	San Pablo Avenue	47th Street	Oakland	1.7816	North	34.7	3	3		92	18.5	C/C			
T364	Mission Boulevard - NB	I-680	I-680	Fremont	3.00999	South	29.3	3	3		3656	14.0	C/E			
T370	Owens Drive - WB	Willow Road	W Las Positas Blvd	Pleasanton	1.09674	East	38.0	2	2		2205	19.7	C/D			
T371	Park Boulevard - WB	E 18th Street	SR-13	Piedmont	3.12213	North	33.8	3	3		475	22.8	B/C			
T372	Park Street - SB	Otis Drive	Encinal Avenue	Alameda	0.420774	North	21.0	3	3		2028	14.0	C/E			
T373	Paseo Padre Parkway - EB	Peralta Boulevard	Grimmer Boulevard	Fremont	2.30181	South	29.8	3	3	2503	23.4	B/C				
T374	Paseo Padre Parkway - WB	SR-84	Ardenwood Boulevard	Newark	1.49665	South	45.7	3	3				1419	40.2	A/A	

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results			
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)	
T375	Patterson Pass Road - WB	Vasco Road	County Line	Livermore	10.1074	East	38.0	rural	rural	New Segment				170	31.2	B/-
T376	Redwood Road - SB	I-580	Castro Valley Boul	Alameda County	0.37937	Central	24.2	3	3		1512	14.2	C/D			
T377	San Leandro Blvd - NB	E 14th Street	San Leandro/Oakland	San Leandro	2.18316	Central	34.3	3	3		252	20.5	B/C			
T378	San Leandro Street - WB	Fruitvale Avenue	Oakland//S L border	Oakland	4.331374	North	34.3	3	3		94	19.4	B/C			
T379	San Pablo Avenue - SB	I-580	16th Street	Oakland	1.70105	North	22.4	3	3		60	17.0	C/D			
T381	Seminary Avenue - WB	MacArthur Boulevard	I-580	Oakland	0.665938	North	28.0	3	3		1731	24.5	B/B			
T384	Stevenson Boulevard - SB	Cherry Street	Mission Boulevard	Fremont	4.02492	South	30.0	3	3		1287	23.7	B/C			
T386	Telegraph Avenue - SB	51st Street	Broadway	Oakland	2.24653	North	28.8	3	3		216	12.3	D/E			
T387	Tennyson Road - EB	Industrial Boulevard	Hesperian Boulevard	Hayward	0.604172	Central	22.0	3	3		2146	20.2	B/C			
T389	Thornton Avenue - WB	SR-84	I-880	Newark	3.72881	South	38.0	3	3		1320	24.8	B/B			
T391	UC Blvd-Ardenwood-Newark Blvd - WB	Central Avenue	SR 84	Newark	2.14751	South	28.4	3	3		1589	20.5	B/C			
T392	Vallecitos Road - SB	SR-84	1st St	Livermore	3.31602	East	36.1	2	2		1095	30.2	A/B			
T393	Vasco Road - NB	I-580	Tesla Road	Livermore	3.11155	East	38.6	2	2	2099	28.8	B/B				

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results			
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)	
T394	Village Parkway - SB	Dublin Boulevard	County Line	Dublin	1.49764	East	32.5	2	2	New Segment				1023	23.3	C/C
T395	W Las Positas Blvd - WB	Owens Drive	Santa Rita Road	Pleasanton	0.216213	East	24.8	2	2					1018	19.0	C/D
T398	Washington Avenue - SB	Juana Avenue	Lewelling Blvd	San Leandro	2.72336	Central	25.7	3	3					197	17.5	C/D
T399	Washington Boulevard - EB	Fremont Boulevard	Mission Boulevard	Fremont	2.20038	South	34.8	3	3					1970	16.2	C/D
T401	Wicks Blvd-Merced Street NB	Marina Boulevard	Lewelling Blvd	San Leandro	2.1925	Central	35.5	3	3					300	24.9	B/B
T402	Winton Avenue - EB	Clawiter Road	Hesperian Boulevard	Hayward	0.543366	Central	23.0	3	3					3703	12.8	D/E
T403	Stoneridge Dr-Jack London Blvd - WB	Hopyard Rd	Santa Rita Rd	Pleasanton	1.55644	East	33.0	2	2					2498	27.2	B/C
T405	Stoneridge Dr-Jack London Blvd - EB	Santa Rita Rd	Hopyard Rd	Pleasanton	1.55644	East	28.8	2	2					3577	27.3	B/C
T406	Stoneridge Dr-Jack London Blvd - EB	Hopyard Rd	Foothill Road	Pleasanton	1.52188	East	30.7	1	1					3585	25.2	C/D
T407	UC Blvd-Ardenwood-Newark Blvd - EB	SR 84	Central Ave	Newark	2.14751	South	34.0	3	3					1459	21.9	B/C
T409	SantaClara - NB	I-580	Okland Avenue	Oakland	0.823448	North	24.5	3	3				515	18.9	C/C	
T412	MacArthur-SantaClara - WB	Piedmont Ave	San Pablo Avenue	Emeryville	1.55682	North	42.9	3	3				1244	15.9	C/D	

Table B-8: 2018 LOS Monitoring Results for Arterials (Tier 2) - PM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T414	MacArthur-SantaClara - EB	Grand Ave	Seminary Ave	Oakland	4.77419	North	27.1	3	3			61	15.3	C/D	
T415	MacArthur-SantaClara - SB	Seminary Ave	Estudillo Ave	Oak- San Leandro	0.323794	Norh-Central	20.5	3	3			61	18.5	C/C	
T416	El Charro Road - SB	Stoneridge Drive	eridge Drive to Buach Rd	Pleasanton	0.085093	East	24.5	2	2	New Segment		2514	24.8	B/C	
T417	El Charro Road - NB	Stoneridge Drive	eridge Drive to Buach Rd	Pleasanton	0.085093	East	21.0	2	2			2987	21.0	C/D	

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T1	W.Grand Ave - Grand Ave - EB	I-80/Maritime St	San Pablo Ave	Oak	1.63	North	26.6	2	3	653	20.2	C/C	314	21.4	C/C
T2	W.Grand Ave - Grand Ave - EB	San Pablo Ave	Broadway	Oak	0.4	North	19.9	3	4	1411	12.2	D/D	1741	12.7	D/D
T3	W.Grand Ave - Grand Ave - EB	Broadway	I-580	Oak	1.08	North	21.6	3	4	462	15.4	C/C	471	16.1	C/C
T4	W.Grand Ave - Grand Ave - WB	I-580	Broadway	Oak	1.08	North	21.5	3	4	767	15.6	C/C	1370	14.5	C/C
T5	W.Grand Ave - Grand Ave - WB	Broadway	San Pablo Ave	Oak	0.4	North	20.8	3	4	1158	11.2	D/D	1415	12.6	D/D
T6	W.Grand Ave - Grand Ave - WB	San Pablo Ave	I-80/Maritime St	Oak	1.63	North	28.3	2	3	2161	23.7	C/C	2686	24.8	B/B
T7	11th St - Lake Merritt Blvd - Lakeshore Ave - EB	I-980 ON Ramp/Brush St	Webster	Oak	0.6	North	14.4	3	4	6	17.0	C/C	Commercial Data Not Available		
T8	11th St - Lake Merritt Blvd - Lakeshore Ave - EB	Webster	East side of Lake Merritt Channel	Oak	0.66	North	14.7	3	4	6	14.9	C/C	Commercial Data Not Available		
T9	11th St - Lake Merritt Blvd - Lakeshore Ave - EB	East side of Lake Merritt Channel	MacArthur Blvd/I-580 ON Ramp	Oak	1.15	North	16.7	3	4	6	16.1	C/C	187	16.6	C/C
T10	12th St - Lake Merritt Blvd - Lakeshore Ave - WB	MacArthur Blvd/I-580 ON Ramp	East side of Lake Merritt Channel	Oak	1.15	North	16.8	3	4	6	16.1	C/C	1559	17.5	C/C
T11	12th St - Lake Merritt Blvd - Lakeshore Ave - WB	East side of Lake Merritt Channel	Webster	Oak	0.64	North	15.9	3	4	6	11.9	D/D	Commercial Data Not Available		
T12	12th St - Lake Merritt Blvd - Lakeshore Ave - WB	Webster	I-980 OFF Ramp/Brush St	Oak	0.6	North	17.4	3	4	6	10.06625	D/D	Commercial Data Not Available		
T13	Telegraph Ave-NB	51st Street	Russell St	Oak - Berk	1.41	North	15.0	3	4	6	16.3	C/C	1038	16.1	C/C
T14	Telegraph Ave-NB	Russell St	Bancroft Way	Berk	0.77	North	13.5	3	4	6	22.5	B/B	735	15.5	C/C
T15	Dana-Dwight-Telegraph-SB	Bancroft Way	Russell St	Berk	0.9	North	13.9	3	4	6	13.3	C/C	Commercial Data Not Available		

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T16	Telegraph Ave-SB	Russell St	51st Street	Oak - Berk	1.41	North	18.5	3	4	6	17.8	C/C	1043	17.9	C/C
T17	Broadway-SB	Broadway/College Ave	Grand Ave	Oak	1.91	North	20.8	2	3	372	15.5	D/D	1523	13.4	E/E
T18	Broadway-SB	Grand Ave	14th St	Oak	0.55	North	18.2	3	4	1140	14.5	C/C	1292	12.1	D/D
T19	Broadway-SB	14th St	5th St/Broadway	Oak	0.48	North	17.9	3	4	1058	9.1	D/D	1357	9.1	D/D
T20	Broadway (Connection to I-880)-SB	5th St/Broadway	I-880 ON Ramp	Oak	0.21	North	62.9	1	1	6	17.4	D/D	Commercial Data Not Available		
T21	Broadway (Connection to I-880)-NB	I-880 OFF Ramp	5th St/Broadway	Oak	1.26	North	23.0	1	2	6	21.9	D/D	Commercial Data Not Available		
T22	Broadway-NB	5th St/Broadway	14th St	Oak	0.48	North	17.1	3	4	532	10.9	D/D	770	9.4	D/D
T23	Broadway-NB	14th St	Grand Ave	Oak	0.55	North	18.3	3	4	1164	13.2	C/C	1382	11.0	D/D
T24	Broadway-NB	Grand Ave	Broadway/College Ave	Oak	1.91	North	21.9	2	3	234	15.9	D/D	1091	13.8	E/E
T25	Durant-EB	Shattuck	College Ave.	Berk	0.73	North	16.0	3	4	6	15.0	C/C	Commercial Data Not Available		
T26	College Avenue-SB	Bancroft Way/College Ave	Ashby Ave	Berk	0.85	North	16.8	3	4	807	14.6	C/C	725	14.9	C/C
T27	College Avenue-SB	Ashby Ave	Miles Ave/SR 24 OFF Ramp	Oak - Berk	0.83	North	19.7	3	4	302	14.6	C/C	838	15.0	C/C
T28	College Avenue-SB	Miles Ave/SR 24 OFF Ramp	Broadway/College Ave	Oak	0.61	North	16.7	3	4	706	13.6	C/C	1558	15.2	C/C
T29	College Avenue-NB	Broadway/College Ave	Miles Ave/SR 24 OFF Ramp	Oak	0.61	North	17.0	3	4	1149	15.0	C/C	1930	14.4	C/C
T30	College Avenue-NB	Miles Ave/SR 24 OFF Ramp	Ashby Ave	Oak - Berk	0.83	North	18.3	3	4	747	13.1	C/C	1423	12.8	D/D
T31	College Avenue-NB	Ashby Ave	Bancroft Way/College Ave	Berk	0.85	North	16.8	3	4	1079	14.4	C/C	1485	14.4	C/C
T32	Bancroft-WB	College Ave.	Shattuck	Berk	0.73	North	12.5	3	4	6	13.8	C/C	440	13.0	C/D
T33	51st Street-EB	SR 24 Off Ramp/52nd St	Broadway	Oak	0.75	North	15.0	3	4	6	16.7	C/C	1973	14.5	C/C
T34	51st Street-WB	Broadway	SR 24 Off Ramp/52nd St	Oak	0.75	North	15.7	3	4	6	18.9	C/C	1318	18.5	C/C
T35	Shattuck Avenue-NB	51st	Alcatraz Ave.	Oak - Berk	0.81	North	22.8	3	4	6	18.2	C/C	2002	20.3	B/B
T36	Shattuck Avenue-NB	Alcatraz Ave.	Adeline St.	Berk	0.7	North	16.7	3	4	6	16.1	C/C	1707	16.3	C/C

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T37	Shattuck Avenue-SB	Adeline St.	Alcatraz Ave.	Berk	0.7	North	17.1	3	4	6	17.6	C/C	2492	16.9	C/C
T38	Shattuck Avenue-SB	Alcatraz Ave.	51st	Oak	0.81	North	17.3	3	4	6	19.9	B/B	2880	19.7	B/B
T39	Powell Street-Stanford Avenue-EB	NB I-80 OFF Ramp	San Pablo Ave	Emery	0.75	North	15.5	2	3	6	21.7	C/C	Commercial Data Not Available		
T40	Powell Street-Stanford Avenue-EB	San Pablo Ave	MLK Jr Way	Oak - Berk	0.76	North	17.0	2	3	6	20.3	C/C	Commercial Data Not Available		
T41	Powell Street-Stanford Avenue-WB	MLK Jr Way	San Pablo Ave	Oak - Berk	0.76	North	19.1	2	3	6	24.7	B/B	Commercial Data Not Available		
T42	Powell Street-Stanford Avenue-WB	San Pablo Ave	NB I-80 OFF Ramp	Emery - Oak	0.75	North	15.3	2	3	6	16.9	D/D	2207	18.7	C/C
T43	40th Street-Shellmound Avenue-EB	Shellmound Way (north of Powell St)	40th St	Emery	0.73	North	24.6	2	3	6	29.3	B/B	Commercial Data Not Available		
T44	40th Street-Shellmound Avenue-EB	40th St	San Pablo Ave	Emery	0.68	North	16.5	3	4	6	21.9	B/B	333	17.5	C/C
T45	40th Street-Shellmound Avenue-WB	San Pablo Ave	40th St	Emery	0.68	North	22.0	3	4	6	29.9	A/A	534	21.1	B/B
T46	40th Street-Shellmound Avenue-WB	40th St	Shellmound Way (north of Powell St)	Emery	0.73	North	29.0	2	3	6	24.7	B/B	Commercial Data Not Available		
T47	International Boulevard-NB	42nd Ave	Fruitvale Ave	Oak	0.62	North	21.9	3	4	2696	11.8	D/D	2015	10.8	D/D
T48	International Boulevard-NB	Fruitvale Ave	14th Ave	Oak	1.38	North	22.9	3	4	2071	19.5	B/B	993	16.9	C/C
T49	International Boulevard-NB	14th Ave	Lake Merritt Blvd	Oak	0.88	North	22.5	3	4	1532	17.3	C/C	878	16.7	C/C
T50	International Boulevard-SB	Lake Merritt Blvd	14th Ave	Oak	0.88	North	21.5	3	4	295	17.8	C/C	196	19.0	B/C
T51	International Boulevard-SB	14th Ave	Fruitvale Ave	Oak	1.38	North	22.9	3	4	643	19.7	B/B	421	17.7	C/C
T52	International Boulevard-SB	Fruitvale Ave	42nd Ave	Oak	0.62	North	21.4	3	4	1228	14.7	C/C	747	14.8	C/C

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T53	73d Ave-NB	International Blvd/73rd Ave	73rd Ave/Foothill Blvd	Oak	1.07	North	28.1	2	3	2144	21.3	C/C	1753	19.7	C/C
T54	Foothill Boulevard-NB	73rd Ave/Foothill Blvd	Seminary Ave	Oak	1.02	North	20.3	3	4	151	18.1	C/C	113	16.0	C/C
T55	Foothill Boulevard-NB	Seminary Ave	High Street	Oak	1.22	North	21.5	3	4	717	18.5	C/C	446	16.9	C/C
T56	Foothill Boulevard-NB	High Street	Fruitvale Ave	Oak	0.9	North	19.8	3	4	586	10.4	D/D	438	9.5	D/D
T57	Foothill Boulevard-NB	Fruitvale Ave	14th Ave	Oak	1.32	North	22.9	2	3	804	18.9	C/C	465	19.0	C/C
T58	Foothill Boulevard-NB	14th Ave	1st Ave/Lake Shore Blvd	Oak	0.88	North	20.5	3	4	103	14.2	C/C	117	20.0	B/B
T60	Foothill Boulevard-SB	14th Ave	Fruitvale Ave	Oak	1.32	North	21.8	2	3	323	16.9	D/D	62	18.1	C/C
T61	Foothill Boulevard-SB	Fruitvale Ave	High Street	Oak	0.9	North	20.8	3	4	339	13.8	C/C	307	13.9	C/C
T62	Foothill Boulevard-SB	High Street	Seminary Ave	Oak	1.22	North	20.2	3	4	413	18.0	C/C	353	18.4	C/C
T63	Foothill Boulevard-SB	Seminary Ave	73rd Ave/Foothill Blvd	Oak	1.02	North	21.2	3	4	315	16.2	C/C	269	15.1	C/C
T64	73d Ave-SB	73rd Ave/Foothill Blvd	International Blvd/73rd Ave	Oak	1.07	North	26.9	2	3	1346	21.5	C/C	2006	19.9	C/C
T65	E. 15th Street-SB/14th Avenue	1st Avenue	Foothill Blvd/14th Avenue	Oak	0.98	North	14.8	3	4	6	20.0	B/B	Commercial Data Not Available		
T66	High Street-EB	Otis Drive	Central Ave	Ala	0.58	North	19.7	3	4	487	17.3	C/C	985	17.4	C/C
T67	High Street-EB	Central Ave	Fernside Blvd	Ala	0.48	North	19.3	3	4	1717	17.4	C/C	2521	16.0	C/C
T68	High Street-EB	Fernside Blvd	NB I-880 OFF Ramp	Ala - Oak	0.5	North	14.8	2	3	895	12.2	E/E	1599	11.4	E/E
T69	High Street-EB	NB I-880 OFF Ramp	Foothill Blvd	Oak	0.61	North	16.3	3	4	1629	13.0	C/D	1967	13.5	C/C
T70	High Street-EB	Foothill Blvd	MacArthur Blvd/WB I-580 OFF Ramp	Oak	1.29	North	20.9	3	4	1196	18.5	C/C	1728	15.7	C/C
T71	High Street-WB	MacArthur Blvd/WB I-580 OFF Ramp	Foothill Blvd	Oak	1.29	North	21.2	3	4	514	20.1	B/B	832	19.6	B/B
T72	High Street-WB	Foothill Blvd	NB I-880 OFF Ramp	Oak	0.61	North	16.9	3	4	1122	11.6	D/D	1018	11.1	D/D

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T73	High Street-WB	NB I-880 OFF Ramp	Fernside Blvd	Ala - Oak	0.5	North	21.6	2	3	887	17.7	D/D	1393	17.7	D/D
T74	High Street-WB	Fernside Blvd	Central Ave	Ala	0.48	North	16.8	3	4	1504	20.9	B/B	2173	20.7	B/B
T75	High Street-WB	Central Ave	Otis Drive	Ala	0.58	North	24.5	3	4	810	16.6	C/C	1160	18.9	C/C
T76	Crow Canyon Road/Grove Way-NB	A Street/Redwood Road	EB I-580 ON Ramp/Grove Way	Uninc	0.95	Centra	29.0	2	3	678	22.8	C/C	844	21.1	C/C
T77	Crow Canyon Road/Grove Way-NB	EB I-580 ON Ramp/Grove Way	Cull Canyon	Uninc	0.81	Centra	32.1	1	2	2248	18.4	D/D	2635	20.4	D/D
T78	Crow Canyon Road-NB	Cull Canyon	Cold Water Dr	Uninc	0.88	Centra	42.3	1	2	2581	37.8	A/A	2848	38.3	A/A
T79	Crow Canyon Road-NB	Cold Water Dr	0.43 miles north of Norris Canyon Rd	Uninc	2.41	Centra	42.0	Rural	Rural	3342	38.4	A/-	3666	38.4	A/-
T80	Crow Canyon Road-NB	0.43 miles north of Norris Canyon Rd	County Line	Uninc	2.97	Centra	42.0	Rural	Rural	3342	38.4	A/-	3666	38.4	A/-
T81	Crow Canyon Road-SB	County Line	0.43 miles north of Norris Canyon Rd	Uninc	2.97	Centra	41.4	Rural	Rural	3437	40.7	A/-	3692	39.4	A/-
T82	Crow Canyon Road-SB	0.43 miles north of Norris Canyon Rd	Cold Water Dr	Uninc	2.4	Centra	41.4	Rural	Rural	3437	40.7	A/-	3692	39.4	A/-
T83	Crow Canyon Road-SB	Cold Water Dr	Cull Canyon	Uninc	0.89	Centra	41.6	1	2	2636	39.0	A/A	3147	37.7	A/A
T84	Crow Canyon Road/Grove Way-SB	Cull Canyon	EB I-580 ON Ramp/Grove Way	Uninc	0.82	Centra	36.1	1	2	2348	27.5	C/C	2892	26.7	C/C
T85	Crow Canyon Road/Grove Way-SB	EB I-580 ON Ramp/Grove Way	A Street/Redwood Road	Uninc	0.94	Centra	30.7	2	3	1471	22.4	C/C	1993	24.0	B/C
T86	Winton Avenue - D Street-EB	Hesperian Blvd.	SB I-880 ON Ramp	Hay	0.39	Centra	25.7	2	3	3491	22.4	C/C	3692	22.0	C/C
T87	Winton Avenue - D Street-EB	SB I-880 ON Ramp	Santa Clara St	Hay	0.35	Centra	33.5	2	3	3183	25.2	B/B	2803	23.3	C/C
T88	Winton Avenue - D Street-EB	Santa Clara St	Soto Rd	Hay	0.55	Centra	24.1	2	3	3350	18.9	C/C	3291	17.6	D/D
T89	Winton Avenue - D Street-EB	Soto Rd	Foothill Boulevard/D St	Hay	0.92	Centra	24.5	2	3	2203	13.5	E/E	2019	13.8	E/E
T90	Winton Avenue - D Street-WB	Foothill Boulevard/D St	Soto Rd	Hay	0.92	Centra	27.2	2	3	2290	16.6	D/D	2099	16.5	D/D
T91	Winton Avenue - D Street-WB	Soto Rd	Santa Clara St	Hay	0.55	Centra	23.0	2	3	3469	17.1	D/D	3350	17.6	D/D

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T92	Winton Avenue - D Street-WB	Santa Clara St	SB I-880 ON Ramp	Hay	0.35	Central	34.7	2	3	3243	26.2	B/B	3374	28.2	B/B
T93	Winton Avenue - D Street-WB	SB I-880 ON Ramp	Hesperian Blvd.	Hay	0.39	Central	24.1	2	3	3496	13.5	E/E	3706	14.8	D/D
T94	A Street-EB	Foothill Boulevard/A St	Redwood Rd/Grove Way	Hay - Uninc	0.8	Central	23.6	2	3	2440	21.8	C/C	3183	20.9	C/C
T95	A Street-EB	Redwood Rd/Grove Way	EB I-580 ON Ramp/Grove Way	Uninc	0.42	Central	18.5	2	3	2038	25.7	B/B	3105	21.9	C/C
T96	A Street-WB	EB I-580 ON Ramp/Grove Way	Redwood Rd/Grove Way	Uninc	0.42	Central	28.8	2	3	3405	21.1	C/C	3622	22.4	C/C
T97	A Street-WB	Redwood Rd/Grove Way	Foothill Boulevard/A St	Uninc	0.8	Central	15.8	2	3	3448	15.8	D/D	3655	16.9	D/D
T98	Hesperian Boulevard-Union City Blvd.-NB	Union City/Alvarado Blvd	Whipple Rd	Uni City	0.98	South	26.5	1	2	1693	26.4	C/C	2405	24.6	C/C
T99	Hesperian Boulevard-Union City Blvd.-NB	Whipple Rd	Hesperian/Union City Blvd/overbridge	Uni City	0.3	South	32.9	1	2	3129	28.9	B/B	3545	26.5	C/C
T100	Hesperian Boulevard-Union City Blvd.-NB	Hesperian/Union City Blvd/overbridge	Industrial Blvd	Hay	0.57	South	26.4	1	2	3021	21.4	D/D	3507	19.1	D/D
T101	Hesperian Boulevard-Union City Blvd.-NB	Industrial Blvd	Tennyson/Hesperian	Hay	1.05	South	25.2	2	3	3303	25.8	B/B	3323	23.4	C/C
T102	Hesperian Boulevard-Union City Blvd.-SB	Tennyson/Hesperian	Industrial Blvd	Hay	1.05	South	26.8	2	3	3427	19.1	C/C	3555	16.6	D/D
T103	Hesperian Boulevard-Union City Blvd.-SB	Industrial Blvd	Hesperian/Union City Blvd/overbridge	Hay	0.57	South	19.3	1	2	1946	25.6	C/C	1718	22.0	C/D
T104	Hesperian Boulevard-Union City Blvd.-SB	Hesperian/Union City Blvd/overbridge	Whipple Rd	Uni City	0.3	South	22.1	1	2	3255	27.2	C/C	3700	25.6	C/C
T105	Hesperian Boulevard-Union City Blvd.-SB	Whipple Rd	Union City/Alvarado Blvd	Uni City	0.98	South	29.5	1	2	3069	26.5	C/C	3588	25.2	C/C
T106	Alvarado Blvd.-NB	NB I-880 ON Ramp	Deep Creek Rd/SB I-880 OFF Ramp	Fre	0.22	South	30.6	1	2	1553	28.9	B/B	1915	26.0	C/C

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T107	Alvarado Blvd.-NB	Deep Creek Rd/SB I-880 OFF Ramp	Fair Ranch Rd	Juni Cty - Fr	1.42	South	32.4	1	2	192	20.8	D/D	1450	23.4	C/C
T108	Alvarado Blvd.-NB	Fair Ranch Rd	Union City/Alvarado Blvd	Uni Cty	0.51	South	28.5	1	2	70	15.1	E/E	1627	18.9	D/D
T109	Alvarado Blvd.-SB	Union City/Alvarado Blvd	Fair Ranch Rd	Uni Cty	0.51	South	28.1	1	2	1918	18.2	D/D	2410	17.5	D/D
T110	Alvarado Blvd.-SB	Fair Ranch Rd	Deep Creek Rd/SB I-880 OFF Ramp	Juni Cty - Fr	1.42	South	31.2	1	2	1836	24.2	C/C	2405	23.0	C/C
T111	Alvarado Blvd.-SB	Deep Creek Rd/SB I-880 OFF Ramp	NB I-880 ON Ramp	Fre	0.22	South	31.6	1	2	2758	26.9	C/C	3166	27.7	C/C
T112	Fremont Boulevard-NB	NB I-880 OFF Ramp	Automall Parkway	Fre	1.28	South	34.7	1	2	882	27.1	C/C	1147	24.5	C/C
T113	Fremont Boulevard-NB	Automall Parkway	Blacow Rd	Fre	0.91	South	34.2	1	2	2640	28.4	B/B	2171	28.8	B/B
T114	Fremont Boulevard-NB	Blacow Rd	Adams Ave	Fre	0.38	South	28.0	1	2	3300	22.7	C/C	3414	23.5	C/C
T115	Fremont Boulevard-NB	Adams Ave	Stevenson Rd	Fre	1.17	South	27.9	2	3	2350	22.3	C/C	2853	23.2	C/C
T116	Fremont Boulevard-NB	Stevenson Rd	Mowry Ave	Fre	1	South	30.2	2	3	1316	24.0	B/C	1399	26.2	B/B
T117	Fremont Boulevard-NB	Mowry Ave	Peralta Blvd	Fre	1.21	South	30.0	2	3	1359	21.4	C/C	1493	20.9	C/C
T118	Fremont Boulevard-NB	Peralta Blvd	Thornton Ave	Fre	0.33	South	30.9	2	3	1115	16.2	D/D	1433	16.1	D/D
T119	Fremont Boulevard-NB	Thornton Ave	Decoto Rd	Fre	1.33	South	32.0	1	2	1422	24.4	C/C	2075	23.5	C/C
T120	Fremont Boulevard-NB	Decoto Rd	Paseo Padre Pkwy	Fre	0.56	South	31.0	1	2	1413	26.7	C/C	1840	25.6	C/C
T121	Fremont Boulevard-NB	Paseo Padre Pkwy	NB I-880 OFF Ramp	Fre	0.39	South	31.0	1	2	1102	26.2	C/C	1528	25.7	C/C
T122	Fremont Boulevard-SB	NB I-880 OFF Ramp	Paseo Padre Pkwy	Fre	0.39	South	32.0	1	2	2245	26.5	C/C	2785	26.3	C/C
T123	Fremont Boulevard-SB	Paseo Padre Pkwy	Decoto Rd	Fre	0.56	South	29.7	1	2	1899	19.7	D/D	2684	17.9	D/D

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T124	Fremont Boulevard-SB	Decoto Rd	Thornton Ave	Fre	1.33	South	30.2	1	2	2119	21.4	D/D	2649	21.7	D/D
T125	Fremont Boulevard-SB	Thornton Ave	Peralta Blvd	Fre	0.32	South	29.3	2	3	2610	15.4	D/D	2908	17.7	D/D
T126	Fremont Boulevard-SB	Peralta Blvd	Mowry Ave	Fre	1.21	South	29.4	2	3	1765	21.8	C/C	2572	21.7	C/C
T127	Fremont Boulevard-SB	Mowry Ave	Stevenson Rd	Fre	1	South	32.3	2	3	1516	26.2	B/B	2495	26.2	B/B
T128	Fremont Boulevard-SB	Stevenson Rd	Adams Ave	Fre	1.17	South	27.8	2	3	2120	22.9	C/C	2404	25.9	B/B
T129	Fremont Boulevard-SB	Adams Ave	Blacow Rd	Fre	0.38	South	27.9	1	2	3158	23.0	C/C	2789	26.2	C/C
T130	Fremont Boulevard-SB	Blacow Rd	Automall Parkway	Fre	0.91	South	33.1	1	2	2445	23.1	C/C	2780	27.6	C/C
T131	Fremont Boulevard-SB	Automall Parkway	NB I-880 OFF Ramp	Fre	1.28	South	34.9	1	2	2281	29.3	B/B	2791	30.4	B/B
T132	Automall Parkway-EB	NB I-880 OFF Ramp	Fremont Blvd	Fre	0.85	South	23.1	1	2	6	31.9	B/B	3371	26.6	C/C
T133	Automall Parkway-EB	Fremont Blvd	NB I-680 ON Ramp	Fre	0.74	South	29.5	1	2	6	17.9	D/D	3357	21.1	D/D
T134	Automall Parkway-WB	NB I-680 ON Ramp	Fremont Blvd	Fre	0.75	South	21.1	1	2	6	14.0	E/E	3339	21.4	D/D
T135	Automall Parkway-WB	Fremont Blvd	NB I-880 OFF Ramp	Fre	0.85	South	27.1	1	2	6	28.5	B/B	3678	31.2	B/B
T136	Vasco Road-NB	WB I-580 OFF Ramp	Scenic Ave	Liv	0.44	East	36.3	1	2	2755	28.3	B/B	3253	28.1	B/B
T137	Vasco Road-NB	Scenic Ave	Dalton Ave/City-County Line	Liv	0.68	East	37.4	1	2	3022	32.2	B/B	3441	30.3	B/B
T138	Vasco Road-NB	Dalton Ave/City-County Line	N. Vasco Rd/Vasco Rd	Liv	3.11	East	53.0	Rural	Rural	3136	55.8	A/-	3602	55.0	A/-
T139	Vasco Road-NB	N. Vasco Rd/Vasco Rd	Local Road underpass/County Line	Liv	2.25	East	53.0	Rural	Rural	3136	55.8	A/-	3602	55.0	A/-
T140	Vasco Road-SB	Local Road underpass/County Line	N. Vasco Rd/Vasco Rd	Liv	2.25	East	46.8	Rural	Rural	3259	35.3	C/-	3706	28.6	D/-
T141	Vasco Road-SB	N. Vasco Rd/Vasco Rd	Dalton Ave/City-County Line	Liv	3.11	East	46.8	Rural	Rural	3259	35.3	C/-	3706	28.6	D/-
T142	Vasco Road-SB	Dalton Ave/City-County Line	Scenic Ave	Liv	0.68	East	34.3	1	2	3254	33.0	B/B	3703	28.7	B/B
T143	Vasco Road-SB	Scenic Ave	WB I-580 OFF Ramp	Liv	0.44	East	32.0	1	2	2960	32.9	B/B	3520	28.9	B/B

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T144	Dublin Blvd.-FB	San Ramon Road	Village Parkway	Dub	0.73	East	26.5	2	3	1476	19.3	C/C	1847	20.6	C/C
T145	Dublin Blvd.-FB	Village Parkway	Dougherty Rd	Dub	0.81	East	29.5	2	3	1736	24.0	B/C	2073	22.6	C/C
T146	Dublin Blvd.-FB	Dougherty Rd	Hacienda Dr	Dub	1.21	East	34.1	1	2	983	25.0	C/C	3507	25.6	C/C
T147	Dublin Blvd.-FB	Hacienda Dr	Tassajara Dr	Dub	0.89	East	30.2	1	2	694	22.4	C/C	1266	23.5	C/C
T148	Dublin Blvd.-WB	Tassajara Dr	Hacienda Dr	Dub	0.89	East	29.1	1	2	841	24.7	C/C	3265	26.4	C/C
T149	Dublin Blvd.-WB	Hacienda Dr	Dougherty Rd	Dub	1.21	East	32.8	1	2	1035	21.1	D/D	3561	25.4	C/C
T150	Dublin Blvd.-WB	Dougherty Rd	Village Parkway	Dub	0.81	East	29.5	2	3	2927	23.5	C/C	3424	24.6	B/B
T151	Dublin Blvd.-WB	Village Parkway	San Ramon Road	Dub	0.73	East	24.5	2	3	1650	19.4	C/C	2225	18.3	C/C
T152	San Ramon Road-NB	WB I-580 OFF ramp	Silvergate Dr	Dub	0.64	East	30.8	1	2	1678	22.1	C/C	1300	22.9	C/C
T153	San Ramon Road-NB	Silvergate Dr	Alcosta Blvd/Westside Dr/County Line	Dub	0.99	East	35.1	1	2	2284	31.9	B/B	2703	29.4	B/B
T154	San Ramon Road-SB	Alcosta Blvd/Westside Dr/County Line	Silvergate Dr	Dub	0.99	East	35.8	1	2	2238	33.0	B/B	3093	32.0	B/B
T155	San Ramon Road-SB	Silvergate Dr	WB I-580 OFF ramp	Dub	0.64	East	32.7	1	2	1270	23.3	C/C	2318	24.7	C/C
T156	Dougherty Road-NB	WB I-580 OFF ramp	Amador Valley Blvd on SB	Dub	1.12	East	35.4	1	2	2751	24.4	C/C	3456	18.8	D/D
T157	Dougherty Road-NB	Amador Valley Blvd on SB	Fallcreek Rd on SB/County Line	Dub	0.8	East	44.1	1	2	2653	42.4	A/A	3361	37.1	A/A
T158	Dougherty Road-SB	Fallcreek Rd on SB/County Line	Amador Valley Blvd on SB	Dub	0.8	East	43.1	1	2	3041	33.2	B/B	3692	33.8	B/B
T159	Dougherty Road-SB	Amador Valley Blvd on SB	WB I-580 OFF ramp	Dub	1.12	East	33.1	1	2	2998	21.0	D/D	3619	20.5	D/D
T160	Tassajara Road-NB	WB I-580 OFF ramp	Central Parkway	Dub	0.49	East	24.7	1	2	6	16.6	E/E	Commercial Data Not Available		
T161	Tassajara Road-NB	Central Parkway	Somerset Ln/N Dublin Ranch Dr	Dub	0.68	East	34.3	1	2	6	25.2	C/C			
T162	Tassajara Road-NB	Somerset Ln/N Dublin Ranch Dr	Fallon Rd	Dub	1.04	East	38.4	1	2	6	37.8	A/A			
T163	Tassajara Road-NB	Fallon Rd	County Line	Uninc	0.51	East	35.2	1	1	6	29.6	B/C			
T164	Tassajara Road-SB	County Line	Fallon Rd	Uninc	0.51	East	45.2	1	1	6	42.4	A/A			
T165	Tassajara Road-SB	Fallon Rd	Somerset Ln/N Dublin Ranch Dr	Dub	1.04	East	38.7	1	2	6	39.8	A/A			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T166	Tassajara Road-SB	Somerset Ln/N Dublin Ranch Dr	Central Parkway	Dub	0.68	East	33.8	1	2	6	21.9	D/D			
T167	Tassajara Road-SB	Central Parkway	WB I-580 OFF ramp	Dub	0.49	East	25.7	1	2	6	15.9	E/E			
T168	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	SR 84/Isabel Ave	Murrita Blvd	Liv	0.91	East	31.5	1	2	2045	25.9	C/C	2082	25.1	C/C
T169	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	Murrita Blvd	S Livermore Ave	Liv	1.07	East	23.4	2	3	910	21.7	C/C	699	22.1	C/C
T170	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	S Livermore Ave	Inman St	Liv	0.46	East	21.7	2	3	865	19.4	C/C	93	18.8	C/C
T171	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Inman St	S Livermore Ave	Liv	0.46	East	20.1	2	3	495	18.7	C/C	325	22.1	C/C
T172	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	S Livermore Ave	Murrita Blvd	Liv	1.07	East	26.6	2	3	2416	23.1	C/C	2809	22.8	C/C
T173	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Murrita Blvd	SR 84/Isabel Ave	Liv	0.91	East	21.9	1	2	3168	35.2	A/A	3649	35.1	A/A
T174	Stoneridge Drive-FB	SB I-680 OFF Ramp	Hopyard Rd	Plea	0.93	East	33.2	1	2	2023	28.1	B/B	3233	28.0	B/C
T175	Stoneridge Drive-FB	Hopyard Rd	Hacienda Dr	Plea	0.49	East	29.8	1	2	1397	21.3	D/D	1474	24.7	C/C
T176	Stoneridge Drive-FB	Hacienda Dr	W. Las Positas Blvd	Plea	0.63	East	31.1	1	2	2134	25.5	C/C	2116	29.2	B/B
T177	Stoneridge Drive-FB	W. Las Positas Blvd	Santa Rita Road	Plea	0.44	East	30.0	1	2	479	21.6	D/D	531	21.4	D/D
T178	Santa Rita Road-EB	Stoneridge Dr/Santa Rita Road	W. Los Positas Blvd	Plea	0.29	East	31.1	1	2	2682	30.2	B/B	3170	28.6	B/B
T179	Santa Rita Road-FB	W. Los Positas Blvd	WB I-580 OFF Ramp	Plea	0.88	East	30.3	1	2	2653	29.8	B/B	3304	31.4	B/B
T180	Santa Rita Road-WB	WB I-580 OFF Ramp	W. Los Positas Blvd	Plea	0.88	East	31.3	1	2	2636	29.4	B/B	3414	28.7	B/B
T181	Santa Rita Road-WB	W. Los Positas Blvd	Santa Rita Road	Plea	0.29	East	31.5	1	2	2856	25.8	C/C	3529	25.1	C/C
T182	Stoneridge Drive-WB	Santa Rita Road	W. Las Positas Blvd	Plea	0.44	East	31.8	1	2	1401	23.7	C/C	2092	28.1	B/B

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T183	Stoneridge Drive-WB	W. Las Positas Blvd	Hacienda Dr	Plea	0.63	East	33.8	1	2	2896	29.2	B/B	3380	34.4	B/B
T184	Stoneridge Drive-WB	Hacienda Dr	Hopyard Rd	Plea	0.49	East	28.8	1	2	2361	18.1	D/D	3015	24.6	C/C
T185	Stoneridge Drive-WB	Hopyard Rd	SB I-680 OFF Ramp	Plea	0.93	East	32.9	1	2	2603	27.9	C/C	3110	29.6	B/B
T186	Sunol Blvd.-1st Street-Stanley Blvd.-WB	NB I-680 OFF	Bernal Ave	Plea	1.23	East	31.2	1	2	607	28.1	B/B	1237	28.7	B/B
T187	Sunol Blvd.-1st Street-Stanley Blvd.-WB	Bernal Ave	Ray/Vineyard	Plea	0.63	East	26.1	3	4	2035	23.7	B/B	3002	22.8	B/B
T188	Sunol Blvd.-1st Street-Stanley Blvd.-WB	Ray/Vineyard	Bernal Ave/Valley Ave	Plea	0.86	East	32.1	2	3	618	28.3	B/B	1313	27.3	B/B
T189	Sunol Blvd.-1st Street-Stanley Blvd.-WB	Bernal Ave/Valley Ave	SR 84/Isabel Ave	Plea - Unin	2.98	East	44.9	1	1	2442	47.4	A/A	2895	47.4	A/A
T190	Sunol Blvd.-1st Street-Stanley Blvd.-WB	SR 84/Isabel Ave	Bernal Ave/Valley Ave	Plea - Unin	2.98	East	51.0	1	1	3246	47.4	A/A	3695	50.4	A/A
T191	Sunol Blvd.-1st Street-Stanley Blvd.-WB	Bernal Ave/Valley Ave	Ray/Vineyard	Plea	0.86	East	34.6	2	3	2762	27.3	B/B	3245	26.4	B/B
T192	Sunol Blvd.-1st Street-Stanley Blvd.-WB	Ray/Vineyard	Bernal Ave	Plea	0.63	East	25.4	3	4	3080	16.3	C/C	3538	16.0	C/C
T193	Sunol Blvd.-1st Street-Stanley Blvd.-WB	Bernal Ave	NB I-680 OFF	Plea	1.23	East	35.6	1	2	3185	25.6	C/C	3660	23.9	C/C
T194	14th Avenue - EB	E 8th Street	Foothill Boulevard	Oak	0.259854	North	20.6	3	3	New Segment			684	11.3	D/E
T195	14th Street-Lake Merritt Blvd - WB	12th Street	Bush Street	Oak	1.1312701	North	16.0	3	3				171	12.1	D/E
T197	23rd Avenue - NB	23rd Ave NB/SB Split	E 11th	Oak	0.14569	North	23.3	3	3				3028	22.0	B/C
T198	23rd Avenue - SB	E 12th St	23rd Ave NB/SB Split	Oak	0.140225	North	20.6	3	3				803	15.0	C/D
T200	40th Street-Shellmound Avenue - WB	Broadway	Powell Boulevard	emory - Oak	1.30941	North	25.4	3	3	New Segment			568	17.6	C/D
T202	52nd Street - WB	Telegraph Avenue	Shattuck	Oak	0.110431	North	57.5	3	3				1691	13.1	C/E

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T208	8th Street - WB	Harrison	Broadway	Oak	0.216212	North	10.0	3	3	New Segment	1438	9.7	D/F		
T209	98th Avenue - EB	Airport Access Road	I-580	Oak	3.2455101	North	27.8	3	3		968	16.0	C/D		
T210	Airport Access Road - NB	Dollittle Drive	Hegenberger Road	Oak	0.323794	North	25.4	3	3		911	13.9	C/E		
T211	Altamont Pass Road-Grant Line - EB	Greenville Road	County Line (EB)	ameda Co	9.7084904	East	39.0	Rural	Rural		189	38.4	A/-		
T214	Alvarado-Niles/Smith/Niles Blvd - EB	Union City Boulevard	Mission Boulevard	re - Uni Ct	6.8936	South	34.7	3	3		1148	21.0	B/C		
T215	Auto Mall Parkway - EB	Cherry Street	I-880	Fre	0.751288	South	22.9	3	3		3478	20.7	B/C		
T217	Bernal Avenue - EB	Bernal Avenue	Sunol Blvd/First St	Plea	1.36558	East	33.6	1	1		2459	27.6	C/C		
T218	Broadway - NB	College Ave	SR24	Oak	0.940649	North	27.1	3	3		1737	22.2	B/C		
T220	Buchanan Street-Marin Avenue - EB	I-80	Arlington/Del Norte	erk - Albar	2.1174901	North	19.0	3	3		1200	15.6	C/D		
T224	Casto Street - NB	7th Street	San Pablo Avenue	Oak	0.76572	North	22.1	3	3		162	16.3	C/D		
T225	Castro Valley Boulevard-Mattox - EB	Mission Boulevard	Crow Canyon Road	ameda Co	2.6970799	Centra	27.1	3	3		652	17.6	C/D		
T226	Central Avenue - NB	Cherry Street	I-880	ewark - Fr	0.848362	South	33.5	3	3		659	22.1	B/C		
T229	Clawiter Road - SB	Winton Avenue	SR-92	Hay	1.74613	Centra	30.5	3	3		3244	19.0	B/C		
T233	Dyer Street - SB	Whipple Road	Alvarado Boulevard	Uni Cty	1.15055	South	24.8	3	3		2169	22.8	B/C		
T235	E 18th Street - EB	Lakeshore Avenue	Park Boulevard	Oak	0.218039	North	20.0	3	3	304	16.0	C/D			
T236	East Avenue - EB	Livermore Avenue	Vasco Road	Liv	2.52981	East	35.0	2	2	1698	28.9	B/B			
T237	El Charro Road - NB	Stoneridge Drive	I-580	Plea	0.26323	East	22.7	2	2	2030	22.5	C/C			
T238	Estudillo Avenue - EB	E 14th St	MacArthur Blvd	an Leandr	0.97937	Centra	23.5	3	3	1064	21.7	B/C			
T241	First Street - EB	Stanley Boulevard	Railroad Avenue	Liv	0.883771	East	23.4	2	2	109	15.7	D/E			
T242	Foothill Road - NB	Stoneridge Drive	I-580	Plea	0.735222	East	23.9	2	2	2195	21.3	C/D			
T244	Fruitvale Avenue - NB	Tilden Way	MacArthur Blvd	ameda - C	2.3679199	North	18.2	3	3	317	13.1	C/E			
T245	Gilman Street - EB	I-80	San Pablo Boulevard	Berk	0.63466	North	18.0	3	3	1825	16.3	C/D			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T246	Gimmer Boulevard - SB	Paseo Padre Parkway	Mission Boulevard	Fre	5.0769901	South	33.5	3	3	New Segment	241	22.1	B/C		
T247	Harrison St-Oakland Ave - EB	20th Street	MacArthur Blvd	Oak	0.991124	North	30.7	3	3		579	19.2	B/C		
T248	High Street - NB	I-580	MacArthur Blvd	Oak	0.0457863	North	14.2	3	3		1779	8.9	E/F		
T249	Industrial Blvd-Pkwy West - EB	Clawiter Road	Mission Boulevard	Hay	5.06394	Central	33.1	3	3		2449	23.0	B/C		
T252	Lewelling Boulevard - EB	Hesperian Boulevard	Hesperian Boulevard	Oak - Alameda	1.4173599	Central	25.4	3	3		434	19.1	B/C		
T253	Lewelling Boulevard - WB	Hesperian Boulevard	Wicks Boulevard	San Leandro	1.5334001	Central	33.7	3	3		1337	23.5	B/C		
T254	Livermore Avenue - NB	Tesla Road	I-580	Alameda County	3.29199	East	39.6	2	2		612	24.4	B/C		
T255	MacArthur-Santa Clara - WB	Estudillo Avenue	Seminary Ave	San Leandro	4.3611002	Central - N	27.7	3	3	New Segment	146	17.3	C/D		
T257	Marina Boulevard - WB	Washington Avenue	Dollittle Drive	San Leandro	1.79875	Central	23.5	3	3		1306	17.5	C/D		
T258	Market Street - NB	55th Street	Stanford Avenue	Oak	0.361379	North	25.0	3	3		909	17.6	C/D		
T259	Martin Luther King Jr Way - NB	Adeline Street	Marin Avenue	Berk	2.6703401	North	22.1	3	3		921	15.9	C/D		
T260	Martin Luther King Jr Way - NB	San Pablo Avenue	47th Street	Oak	1.7816	North	27.0	3	3		54	18.2	C/C		
T261	Mission Boulevard - SB	I-680	I-680	Fre	3.00999	South	32.2	3	3		2250	28.1	A/B		
T267	Owens Drive - EB	Willow Road	W Las Positas Blvd	Pleasanton	1.09674	East	26.5	2	2		967	21.5	C/D		
T268	Park Boulevard - EB	E. 18th Street	SR-13	Piedmont - Oak	3.1221299	North	32.0	3	3		370	20.9	B/C		
T269	Park Street - NB	Otis Drive	Encinal Avenue	Alameda	0.420774	North	16.0	3	3		1405	16.0	C/D		
T270	Paseo Padre Parkway - WB	Grimmer Boulevard	Peralta Boulevard	Fre	2.30181	South	26.8	3	3		1437	25.8	A/B		
T271	Paseo Padre Parkway - EB	Sr-84	Ardenwood Boulevard	Newark - Fre	1.49665	South	45.6	3	3	835	36.8	A/A			
T272	Patterson Pass Road - EB	Vasco	County Line	Livermore - Alameda County	10.1074	East	38.0	Rural	Rural	349	30.3	C/-			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T273	Redwood Road - NB	I-580	Catro Valley Boul	Alameda County	0.37937	Central	25.2	3	3	New Segment	1707	14.2	C/D		
T274	San Leandro Blvd - EB	San Leandro/Oakland	E 14th Street	San Leandro - Oak	2.1831601	Central - North	30.7	3	3		507	20.9	B/C		
T275	San Leandro Street - EB	Fruitvale Avenue	Oakland//SL border	Oak	4.3313739	North	31.9	3	3		167	21.2	B/C		
T278	Seminary Avenue - EB	MacArthur Boulevard	I-580	Oak	0.665938	North	24.8	3	3		1665	21.1	B/C		
T281	Stevenson Boulevard - NB	Cherry Street	Mission Boulevard	Fre	4.02492	South	27.2	3	3		1815	23.2	B/C		
T282	Stoneridge Dr-Jack London Blvd - WB	Hopyard Rd	Foothill Road	Plesanton	1.52188	East	32.1	1	1		3250	27.6	C/C		
T283	Telegraph Avenue - NB	Broadway	51st Street	Oak	2.2465301	North	28.9	3	3		303	14.8	C/D		
T284	Tennyson Road - WB	Hesperian Boulevard	Industrial Boulevard	Hay	0.604172	Central	28.1	3	3		2255	25.3	A/B		
T285	Tesla Road - WB	Livermore Avenue	County Line (EB)	Alameda County	11.92927	East	38.4	Rural	rural		67	36.5	A/-		
T286	Thornton Avenue - EB	SR-84	I-880	Newark - Fre	3.7288101	South	37.9	3	3		2013	25.1	A/B		
T289	Vallecitos Road - NB	Sr-84	1st St	Liv - Alameda County	3.31602	East	40.9	2	2		1201	32.4	A/B		
T290	Vasco Road - SB	I-580	Tesla Road	Liv - Alameda County	4.0482998	East	39.0	2	2		1843	32.3	A/B		
T291	Village Parkway - NB	Dublin Boulevard	County Line	Dublin	1.49764	East	32.5	2	2		110	19.1	C/D		
T292	W Las Positas Blvd - EB	Owens Drive	Santa Rita Road	Plesanton	0.216213	East	23.5	2	2		887	15.6	D/E		
T295	Washington Avenue - NB	Lewelling Blvd	Juana Avenue	San Leandro	2.7233601	Central	27.5	3	3		395	17.7	C/D		
T296	Washington Boulevard - WB	Mission Boulevard	Fremont Boulevard	Fre	2.2003801	South	36.7	3	3		1735	26.1	A/B		
T298	Wicks Blvd-Merced Street - SB	Marina Boulevard	Lewelling Blvd	San Leandro	2.1925001	Central	38.4	3	3	213	27.0	A/B			
T299	Winton Avenue - WB	Hesperian Boulevard	Clawiter Road	Hay	0.543366	Central	29.4	3	3	3667	24.9	B/B			
T300	14th Avenue - WB	Foothill Boulevard	E 8th Street	Oak	0.259854	North	17.4	3	3	987	13.8	C/E			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T301	14th Street-Lake Merritt Blvd - EB	Brush Street	12th Street	Oak	1.1312701	North	17.7	3	3	New Segment	228	11.8	D/E		
T303	23rd Avenue - SB	E 11th	23rd Ave NB/SB Split	Oak	0.14569	North	20.6	3	3		1011	15.4	C/D		
T304	23rd Avenue - NB	23rd Ave NB/SB Split	E 12 St	Oak	0.140225	North	23.3	3	3		1849	16.6	C/D		
T306	40th Street-Shellmound Avenue - EB	Powell Boulevard	Broadway	Emery	1.30941	North	23.9	3	3		108	16.2	C/D		
T308	52nd Street - EB	Shattuck Avenue	Telegraph Avenue	Oak	0.110431	North	11.2	3	3		2489	10.3	D/E		
T313	7th Street-E 8th Street - EB	I-880	14th Avenue	Oak	3.4299901	North	23.6	3	3		91	16.4	C/D		
T314	98th Avenue - WB	I-580	Airport Access Road	Oak	3.2455101	North	29.0	3	3		517	15.2	C/D		
T315	Airport Access Road - SB	Hegenberger Road	Dollittle Drive	Oak	0.323794	North	18.6	3	3		56	11.0	D/E		
T316	Altamont Pass Road-Grant Line - WB	County Line (WB)	Greenville Road	Alameda County	9.7084904	East	33.0	Rural	Rural		2790	32.8	A/-		
T319	Alvarado-Niles/Smith/Niles Blvd - WB	Mission Boulevard	Union City Boulevard	Fre - Uni Cty	6.8936	South	38.2	3	3		1190	23.3	B/C		
T320	Auto Mall Parkway - WB	I-880	Cherry Street	Fre	0.751288	South	20.3	3	3		3626	19.2	B/C		
T322	Bernal Avenue - WB	Sunol Blvd/First St	I-680	Plea	1.36558	East	28.5	1	1		2246	23.9	C/D		
T323	Broadway - SB	SR-24	College Ave	Oak	0.940649	North	25.9	3	3		2299	22.5	B/C		
T325	Buchanan Street-Marin Avenue - WB	Arlington/Del Norte	I-80	Berk - Albany	2.11707	North	22.3	3	3		834	18.6	C/C		
T328	Castro Valley Boulevard-Mattox - WB	Crow Canyon Road	Mission Boulevard	Alameda County	2.6970799	Central	29.5	3	3		887	18.9	C/C		
T329	Central Avenue - SB	I-880	Cherry Street	Newark - Fre	0.848362	South	30.4	3	3		945	20.5	B/C		
T332	Clawiter Road - NB	Winton Avenue	SR-92	Hay	1.74613	Central	25.6	3	3	1767	19.3	B/C			
T336	Dyer Street - NB	Alvarado Boulevard	Whipple Road	Uni Cty	1.15055	South	22.3	3	3	1433	20.3	B/C			
T338	E 18th Street - WB	Park Boulevard	Lakeshore Avenue	Oak	0.218039	North	16.1	3	3	723	13.1	C/E			
T339	East Avenue - WB	Vasco Road	Livermore Avenue	Liv	2.52981	East	32.5	2	2	1926	25.6	B/C			
T340	El Charro Road - SB	I-580	Stoneridge Drive	Plea	0.26323	East	27.0	2	2	2339	26.9	B/C			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T341	Estudillo Avenue - WB	MacArthur Boulevard	E 14th St	San Leandro	0.97937	Central	24.3	3	3	New Segment	1969	19.1	B/C		
T344	First Street - WB	Stoneridge Drive	I-580	Liv	0.883771	East	24.9	2	2		282	16.6	D/E		
T345	Foothill Road - SB	I-580	Stoneridge Drive	Plea	0.735222	East	36.0	2	2		3359	27.0	B/C		
T347	Fruitvale Avenue - SB	MacArthur Boulevard	Tilden Way	Alameda - Oak	2.3679199	North	23.1	3	3		259	13.3	C/E		
T348	Gilman Street - WB	San Pablo Boulevard	I-80	Berk	0.63466	North	18.6	3	3		1516	19.3	B/C		
T349	Gimmer Boulevard - NB	Mission Boulevard	Paseo Padre Parkway	Fre	5.0769901	South	32.9	3	3		151	23.3	B/C		
T350	Harrison St-Oakland Ave - SB	MacArthur Blvd	20th Street	Oak	0.991124	North	29.1	3	3		1646	14.5	C/D		
T351	High Street - WB	MacArthur Blvd	I-580	Oak	0.0457863	North	16.6	3	3		1718	14.0	C/E		
T352	Industrial Blvd-Pkwy West - WB	Mission Boulevard	Clawiter Road	Hay	5.1611202	Central	33.7	3	3		2942	25.5	A/B		
T355	Lewelling Boulevard - WB	Mission Boulevard	Hesperian Boulevard	San Leandro - Alameda County	1.4173599	Central	24.7	3	3	636	18.4	C/C			
T356	Lewelling Boulevard - EB	Wicks Boulevard	Hesperian Boulevard	San Leandro	1.5334001	Central	32.7	3	3	591	18.6	C/C			
T357	Livermore Avenue - SB	I-580	Tesla Road	Liv - Alameda County	3.29199	East	38.6	2	2	253	22.7	C/C			
T358	MacArthur-SantaClara - EB	San Pablo Avenue	Piedmont Ave	Emery	1.55849	North	43.2	3	3	217	15.2	C/D			
T359	Main St-Santa Rita Rd - SB	Stoneridge Drive	Bernal Avenue	Plea	3.1027801	East	35.1	2	2	3312	17.5	D/D			
T360	Marina Boulevard - EB	Dollittle Drive	Washington Avenue	San Leandro	1.79875	Central	22.9	3	3	417	17.5	C/D			
T361	Market Street - SB	Stanford Avenue	55th Street	Oak	0.361379	North	21.2	3	3	1725	17.9	C/D			
T362	Martin Luther King Jr Way - SB	Marin Avenue	Adeline Street	Berk	2.6703401	North	21.9	3	3	1775	17.2	C/D			
T363	Martin Luther King Jr Way - SB	47th Street	San Pablo Avenue	Oak	1.7816	North	34.7	3	3	80	21.7	B/C			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T364	Mission Boulevard - NB	I-680	I-680	Fre	3.00999	South	29.3	3	3		1410	26.7	A/B		
T370	Owens Drive - WB	W Las Positas Blvd	Willow Road	Plea	1.09674	East	38.0	2	2		1570	23.1	C/C		
T371	Park Boulevard - WB	SR-13	E 18th Street	Piedmont	3.1221299	North	33.8	3	3		674	19.9	B/C		
T372	Park Street - SB	Encinal Avenue	Otis Drive	Alameda	0.420774	North	21.0	3	3		1291	16.4	C/D		
T373	Paseo Padre Parkway - EB	Peralta Boulevard	Grimmer Boulevard	Fre	2.30181	South	29.8	3	3		2334	24.1	B/B		
T374	Paseo Padre Parkway - WB	SR-84	Ardenwood Boulevard	Newark - Fre	1.49665	South	45.7	3	3	New Segment	3335	40.5	A/A		
T375	Patterson Pass Road - WB	County Line	Vasco Road	Liv - Alameda County	10.1074	East	38.0	Rural	Rural		2435	34.2	B/-		
T376	Redwood Road - SB	Castro Valley Boul	I-580	Alameda County	0.37937	Central	24.2	3	3		2139	15.1	C/D		
T377	San Leandro Blvd - NB	E 14th Street	San Leandro/Oakland	San Leandro - Oakland	2.1831601	Central - North	34.3	3	3		477	19.1	B/C		
T378	San Leandro Street - WB	Oakland//SL border	Fruitvale Avenue	Oak	4.3313739	North	34.3	3	3		1090	16.5	C/D		
T379	San Pablo Avenue - SB	I-580	16th Street	Oak	1.70105	North	22.4	3	3		305	20.9	B/C		
T381	Seminary Avenue - WB	I-580	MacArthur Boulevard	Oak	0.665938	North	28.0	3	3		1772	25.6	A/B		
T384	Stevenson Boulevard - SB	Mission Boulevard	Cherry Street	Fre	4.02492	South	30.0	3	3		2303	22.8	B/C		
T386	Telegraph Avenue - SB	51st Street	Broadway	Oak	2.2465301	North	28.8	3	3		252	14.0	C/E		
T387	Tennyson Road - EB	Industrial Boulevard	Hespedian Boulevard	Hay	0.604172	Central	22.0	3	3		1479	19.6	B/C		
T388	Tesla Road - WB	County Line	Livermore Avenue	Alameda County	11.92927	East	43.0	Rural	Rural		2226	37.1	B/-		
T389	Thornton Avenue - WB	I-880	SR-84	Newark - Fre	3.7288101	South	38.0	3	3		2258	26.3	A/B		
T391	UC Blvd - Ardenwood - Newark Blvd - WB	Central Avenue	SR 84	Newark	2.1475101	South	28.4	3	3		1013	23.3	B/C		
T392	Vallecitos Road - SB	1st St	SR-84	Liv - Alameda County	3.31602	East	36.1	2	2	1793	17.4	D/D			

Table B-9: 2018 LOS Monitoring Results for Arterials (Tier 2) - AM Peak Period (INRIX data)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	FFS	Class (1985)	Class (2000)	2016 results			2018 Results		
										Sample	Speed	LOS (85/00)	Sample	Speed	LOS (85/00)
T393	Vasco Road - NB	Tesla Road	I-580	Liv - Alameda County	3.1115501	East	38.6	2	2	New Segment	1903	30.2	A/B		
T394	Village Parkway - SB	County Line	Dublin Boulevard	Dublin	1.49764	East	32.5	2	2		820	23.3	C/C		
T395	W Las Positas Blvd - WB	Santa Rita Road	Owens Drive	Pleasanton	0.216213	East	24.8	2	2		1074	19.5	C/D		
T398	Washington Avenue - SB	Juana Avenue	Lewelling Blvd	San Leandro	2.7233601	Central	25.7	3	3		319	19.5	B/C		
T399	Washington Boulevard - EB	Fremont Boulevard	Mission Boulevard	Fremont	2.2003801	South	34.8	3	3		885	23.6	B/C		
T401	Wicks Blvd-Merced Street - NB	Lewelling Blvd	Marina Boulevard	San Leandro	2.1925001	Central	35.5	3	3		109	22.5	B/C		
T402	Winton Avenue - EB	Clawiter Road	Hespedian Boulevard	Hayward	0.543366	Central	23.0	3	3		3706	22.6	B/C		
T403	Stoneridge Dr-Jack London Blvd - WB	Santa Rita Road	Hopyard Rd	Pleasanton	1.55644	East	33.0	2	2		2891	29.4	B/B		
T405	Stoneridge Dr-Jack London Blvd - EB	Hopyard Rd	Santa Rita Road	Pleasanton	1.55644	East	28.8	2	2		1414	25.5	B/C		
T406	Stoneridge Dr-Jack London Blvd - EB	Foothill Boulevard	Hopyard Rd	Pleasanton	1.52188	East	30.7	1	1		1970	27.4	C/C		
T407	UC Blvd-Ardenwood-Newark Blvd - EB	SR 84	Central Ave	Newark	2.1475101	South	34.0	3	3		2259	25.1	A/B		
T409	SantaClara - NB	I-580	Okland Avenue	Oakland	0.823448	North	24.5	3	3		790	18.6	C/C		
T410	MacArthur-SantaClara - WB	Seminary Ave	Grand Ave	Oakland	4.7892199	North	25.6	3	3		53	13.9	C/E		
T412	MacArthur-SantaClara - WB	Piedmont Ave	San Pablo Avenue	Emeryville	1.55682	North	42.9	3	3		578	16.4	C/D		
T414	MacArthur-SantaClara - EB	Grand Ave	Seminary Ave	Oakland	4.7741899	North	27.1	3	3	New Segment	61	15.7	C/D		
T415	MacArthur-SantaClara - SB	Seminary Ave	Estudillo Ave	Oak-San Leandro	0.323794	Norh-Central	20.5	3	3		51	22.4	B/C		

B.5 | HOV and Express Lanes

Table B-10: 2018 LOS Monitoring Results for HOV/Express Lanes - PM Peak Period (Floating Car Surveys)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
H1	I-80 - EB	Begin of HOV	I-80 HOV/GP Gore	Oak	North	0.69	1	6	7.2	F	6	14.2	F
H2	I-80 - EB	I-80 HOV/GP Gore	Powell (Overhead bridge)	Emery - Berk	North	0.56	1	6	4.7	F	6	5.8	F
H3	I-80 - EB	Powell (Overhead bridge)	(Interchange Center)	Emery - Berk	North	0.71	1	6	17.0	F	6	19.6	F
H4	I-80 - EB	Ashby (Interchange)	University (Overhead bridge)	Emery - Berk	North	1.3	1	6	25.7	F	6	28.6	F
H5	I-80 - EB	University (Overhead bridge)	I-80/580 Split (Divider)	Berk - Alb	North	1.37	1	6	44.6	D	6	44.3	D
H6	I-80 - EB	I-80/580 Split (Divider)	County Line	Berk - Alb	North	0.84	1	6	58.6	B	6	48.9	D
H7	I-80 - WB	County Line	I-80 Merge (Concrete Bridge)	Berk - Alb	North	0.7	1	6	64.5	A	6	60.8	A
H8	I-80 - WB	I-580/80 Merge (Concrete Bridge)	University (Overhead Bridge)	Berk - Alb	North	1.51	1	6	61.8	A	6	61.8	A
H9	I-80 - WB	University (Overhead Bridge)	(Interchange Center)	Emery - Berk	North	1.31	1	6	43.8	D	6	48.8	D
H10	I-80 - WB	Ashby (Interchange)	Powell (Overhead Bridge)	Emery - Berk	North	0.71	1	6	41.5	D	6	41.9	D
H11	I-80 - WB	Powell (Overhead Bridge)	I-80/I-580 (GP Lanes Split)	Emery - Berk	North	0.47	1	6	51.5	C	6	51.7	C
H12	I-80 - WB	I-580 Split (ramp)	Toll Plaza	Oak	North	1.31	1	6	49.9	C	6	53.7	C
H13	I-80 - WB	Toll Plaza	End of HOV	Oak	North	0.21	1	6	14.0	F	6	48.4	D
H14	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	New	South	1.02	1	6	63.0	A	6	58.7	B
H15	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	New	South	1.15	1	6	72.4	A	6	62.9	A
H16	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fre	South	0.54	1	6	65.6	A	6	57.7	B
H17	SR 92 - WB	Begin of HOV (Hesperia)	Clawiter	Hay	Central	1.17	1	6	68.9	A	6	65.0	A
H18	SR 92 - WB	Clawiter	Toll Plaza	Uninc - Hay	Central	1.88	1	6	67.2	A	6	61.0	A
E5	I-580 - EB	Hacienda	Santa Rita	Plea	East	1.9	2	-	-	-	-	43.9	D
E6	I-580 - EB	Santa Rita	El Charro	Uninc - Plea	East	1.25	2	-	-	-	-	58.3	B
E7	I-580 - EB	El Charro	SR 84/Airway Blvd.	Uninc	East	1.72	2	-	-	-	-	66.1	A
E8	I-580 - EB	SR 84/Airway Blvd.	Portola	Uninc	East	1.73	2	-	-	-	-	68.3	A
E9	I-580 - EB	Portola	1st St	Liv	East	2.56	2	-	-	-	-	62.9	A
E10	I-580 - EB	1st St	Greenville	Liv - Uninc	East	2.13	2	-	-	-	-	31.9	E
E11	I-580 - WB	Greenville	1st St	Liv - Uninc	East	2.13	1	-	-	-	-	74.0	A
E12	I-580 - WB	1st St	Portola	Liv	East	2.56	1	-	-	-	-	74.1	A
E13	I-580 - WB	Portola	SR 84/Airway Blvd.	Uninc	East	1.73	1	-	-	-	-	72.8	A
E14	I-580 - WB	SR 84/Airway Blvd.	El Charro	Uninc	East	1.73	1	-	-	-	-	72.5	A
E15	I-580 - WB	El Charro	Santa Rita/Tassajara	Uninc - Plea	East	1.25	1	-	-	-	-	81.3	A
E16	I-580 - WB	Santa Rita/Tassajara	I-680	Plea	East	2.8	1	-	-	-	-	73.5	A
E1	I-680 - SB	Begin of HOV (Rt 84)	Washington Blvd Entry Point	Uninc - Fre	South	5.76	1	5	67.0	A	6	75.0	A
E2	I-680 - SB	Washington Blvd Entry Point	Auto Mall Pkwy Exit Point	Fre	South	1.32	1	5	68.6	A	6	76.5	A
E3	I-680 - SB	Auto Mall Pkwy Exit Point	Mission Blvd Entry Point	Fre	South	1.06	1	5	69.2	A	6	76.7	A
E4	I-680 - SB	Mission Blvd Entry Point	border (S of Scott Creek)	Fre	South	3.03	1	5	70.6	A	6	76.4	A
H25	I-880 - NB	Begin HOV	I-880/I-80 Split (16th Street)	Oak	North	0.17	1	6	67.9	A	6	76.5	A
H26	I-880 - NB	I-880/I-80 Split (16th Street)	Toll Plaza	Oak	North	1.42	1	6	62.6	A	6	55.2	B
H27	I-880 - NB	Begin HOV (W Grand Ave)	I-880/I-80 Merge	Oak - Emery	North	1.11	1	6	36.8	E	6	40.8	E
H28	I-880 - NB	SCL County Line	50 ft s/o Warren Ave	Fre	South	2	1	6	28.7	F	6	29.0	F
H29	I-880 - NB	SR262/Mission (450 ft s/o)	Auto Mall Pkwy (Overhead Bridge)	Fre	South	2.43	1	6	38.5	E	6	44.6	D
H30	I-880 - NB	Auto Mall Pkwy (Overhead Bridge)	Thomson Blvd (Overhead Bridge)	Fre	South	1.53	1	6	42.1	D	6	48.7	D
H31	I-880 - NB	Stevenson Blvd (Overhead Bridge)	Decoto (Overhead Bridge)	Fre	South	4.06	1	6	20.3	F	6	35.7	E
H32	I-880 - NB	Decoto (Overhead Bridge)	Ardo Blvd (Overhead Bridge)	Fre	South	1.17	1	6	18.9	F	6	23.8	F
H33	I-880 - NB	Alvarado Blvd (Overhead Bridge)	Ardo-Niles Rd (Overhead Bridge)	Fre- Uni Cty	South	1.57	1	6	24.0	F	6	23.3	F



CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
H34	I-880 - NB	Alvarado-Niles Rd (Overhead Bridge)	Tennyson (Overhead Bridge)	Uni Cty - Hay	South	2.6	1	6	21.1	F	6	20.9	F
H35	I-880 - NB	Tennyson (Overhead Bridge)	SR 92 (Overhead Bridge)	Hay	Central	1.02	1	6	26.2	F	6	30.6	E
H36	I-880 - NB	SR 92 (Overhead Bridge)	A St (Overhead Bridge)	Hay	Central	1.68	1	6	35.9	E	6	37.8	E
H37	I-880 - NB	A St (Overhead Bridge)	End of HOV	Uninc	Central	0.78	1	6	52.2	C	6	52.0	C
H38	I-880 - SB	Marina Blvd (Overhead Bridge)	SR 238 WB (Merge)	San L	North	2.56	1	6	55.8	B	6	69.2	A
H39	I-880 - SB	SR 238 WB (Merge)	A St (Overhead Bridge)	San L-Uninc	Central	1.91	1	6	53.1	C	6	50.8	C
H40	I-880 - SB	A St (Overhead Bridge)	Jackson (Overhead Bridge)	Hay	Central	1.7	1	6	53.7	C	6	48.4	D
H41	I-880 - SB	Rt 92/Jackson (Overhead Bridge)	Tennyson (Overhead Bridge)	Hay	Central	1.01	1	6	47.4	D	6	53.6	C
H42	I-880 - SB	Tennyson (Overhead Bridge)	Alvarado-Niles (Overhead Bridge)	Hay - Uni Cty	Central	2.6	1	6	53.6	C	6	57.0	B
H43	I-880 - SB	Alvarado-Niles (Overhead Bridge)	Alvarado (Overhead Bridge)	Uni Cty - Fre	Central	1.56	1	6	65.6	A	6	61.6	A
H44	I-880 - SB	Alvarado (Overhead Bridge)	Decoto (Overhead Bridge)	Fre	Central	1.19	1	6	59.7	B	6	61.4	A
H45	I-880 - SB	Decoto (Overhead Bridge)	Stevenson (Overhead Bridge)	Fre	South	4.06	1	6	67.4	A	6	59.6	B
H46	I-880 - SB	Stevenson (Overhead Bridge)	AutoMall Pkwy (Overhead Bridge)	Fre	Central	1.52	1	6	71.1	A	6	64.9	A
H47	I-880 - SB	AutoMall Pkwy (Overhead Bridge)	SR 262/Mission (Painted Green)	Fre	Central	2.83	1	6	69.9	A	6	65.7	A
H48	I-880 - SB	SR 262/Mission (Painted Green)	SCL County Line	Fre	South	1.6	1	6	71.7	A	6	63.8	A
H49	I-880 - SB	Begin HOV (South of I-880)	SR 112/Davis	Oak-San L	North	1.64	1	6	62.4	A	6	54.5	C
H50	I-880 - SB	SR 112/Davis	Marina Blvd	San L	North	0.81	1	6	56.4	B	6	56.3	B

Table B-11: 2018 LOS Monitoring Results for HOV/Express Lanes - AM Peak Period (Floating Car Surveys)

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
H1	I-80 - EB	Begin of HOV	I-80 HOV/GP Gore	Oak	North	0.69	1	6	62.2	A	6	54.8	C
H2	I-80 - EB	I-80 HOV/GP Gore	Powell (Overhead bridge)	Emery - Berk	North	0.56	1	6	63.2	A	6	62.5	A
H3	I-80 - EB	Powell (Overhead bridge)	(Interchange Center)	Emery - Berk	North	0.71	1	6	67.4	A	6	63.0	A
H4	I-80 - EB	Ashby (Interchange)	University (Overhead bridge)	Emery - Berk	North	1.3	1	6	70.8	A	6	67.9	A
H5	I-80 - EB	University (Overhead bridge)	I-80/580 Split (Divider)	Berk - Alb	North	1.37	1	6	70.8	A	6	67.3	A
H6	I-80 - EB	I-80/580 Split (Divider)	County Line	Berk - Alb	North	0.84	1	6	66.2	A	6	62.7	A
H7	I-80 - WB	County Line	I-80 Merge (Concrete Bridge)	Berk - Alb	North	0.7	1	6	37.1	E	6	29.1	F
H8	I-80 - WB	I-580/80 Merge (Concrete Bridge)	University (Overhead Bridge)	Berk - Alb	North	1.51	1	6	33.3	E	6	29.1	F
H9	I-80 - WB	University (Overhead Bridge)	(Interchange Center)	Emery - Berk	North	1.31	1	6	34.3	E	6	39.6	E
H10	I-80 - WB	Ashby (Interchange)	Powell (Overhead Bridge)	Emery - Berk	North	0.71	1	6	31.5	E	6	38.5	E
H11	I-80 - WB	Powell (Overhead Bridge)	I-80/I-580 (GP Lanes Split)	Emery - Berk	North	0.47	1	6	32.6	E	6	51.5	C
H12	I-80 - WB	I-580 Split (ramp)	Toll Plaza	Oak	North	1.31	1	6	34.5	E	6	47.7	D
H13	I-80 - WB	Toll Plaza	End of HOV	Oak	North	0.21	1	6	48.2	D	6	49.4	C
H14	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	New	South	1.02	1	6	57.6	B	6	60.1	A
H15	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	New	South	1.15	1	6	58.0	B	6	45.5	D
H16	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fre	South	0.54	1	6	54.3	C	6	23.8	F
H17	SR 92 - WB	Begin of HOV (Hesperia)	Clawiter	Hay	Central	1.17	1	6	34.6	E	6	44.9	D
H18	SR 92 - WB	Clawiter	Toll Plaza	Uninc - Hay	Central	1.88	1	6	39.5	E	6	34.7	E
E5	I-580 - EB	Hacienda	Santa Rita	Plea	East	1.9	2	-	-	-	-	76.8	A
E6	I-580 - EB	Santa Rita	El Charro	Uninc - Plea	East	1.25	2	-	-	-	-	74.7	A
E7	I-580 - EB	El Charro	SR 84/Airway Blvd.	Uninc	East	1.72	2	-	-	-	-	72.7	A
E8	I-580 - EB	SR 84/Airway Blvd.	Portola	Uninc	East	1.73	2	-	-	-	-	72.9	A
E9	I-580 - EB	Portola	1st St	Liv	East	2.56	2	-	-	-	-	73.3	A
E10	I-580 - EB	1st St	Greenville	Liv - Uninc	East	2.13	2	-	-	-	-	74.0	A
E11	I-580 - WB	Greenville	1st St	Liv - Uninc	East	2.13	1	-	-	-	-	66.4	A
E12	I-580 - WB	1st St	Portola	Liv	East	2.56	1	-	-	-	-	64.0	A
E13	I-580 - WB	Portola	SR 84/Airway Blvd.	Uninc	East	1.73	1	-	-	-	-	56.4	B
E14	I-580 - WB	SR 84/Airway Blvd.	El Charro	Uninc	East	1.73	1	-	-	-	-	54.0	C
E15	I-580 - WB	El Charro	Santa Rita/Tassajara	Uninc - Plea	East	1.25	1	-	-	-	-	66.4	A
E16	I-580 - WB	Santa Rita/Tassajara	I-680	Plea	East	2.8	1	-	-	-	-	64.9	A
E1	I-680 - SB	Begin of HOV (Rt 84)	Washington Blvd Entry Point	Uninc - Fre	South	5.76	1	6	65.6	A	6	63.5	A
E2	I-680 - SB	Washington Blvd Entry Point	Auto Mall Pkwy Exit Point	Fre	South	1.32	1	6	66.2	A	6	61.0	A
E3	I-680 - SB	Auto Mall Pkwy Exit Point	Mission Blvd Entry Point	Fre	South	1.06	1	6	53.3	C	6	67.0	A
E4	I-680 - SB	Mission Blvd Entry Point	border (S of Scott Creek)	Fre	South	3.03	1	6	68.3	A	6	69.3	A
H25	I-880 - NB	Begin HOV	I-880/I-80 Split (16th Street)	Oak	North	0.17	1	6	70.3	A	6	70.6	A
H26	I-880 - NB	I-880/I-80 Split (16th Street)	Toll Plaza	Oak	North	1.42	1	6	60.8	A	6	44.7	D
H27	I-880 - NB	Begin HOV (W Grand)	I-880/I-80 Merge	Oak - Emery	North	1.11	1	6	60.1	A	6	58.7	B
H28	I-880 - NB	SCL County Line	50 ft s/o Warren Ave C	Fre	South	2	1	6	71.1	A	6	62.0	A
H29	I-880 - NB	SR262/Mission (450 ft s/o)	Auto Mall Pkwy (Overhead Bridge)	Fre	South	2.43	1	6	69.0	A	6	64.8	A
H30	I-880 - NB	Auto Mall Pkwy (Overhead Bridge)	Thomson Blvd (Overhead Bridge)	Fre	South	1.53	1	6	70.4	A	6	58.8	B
H31	I-880 - NB	Stevenson Blvd (Overhead Bridge)	Decoto (Overhead Bridge)	Fre	South	4.06	1	6	70.2	A	6	62.2	A
H32	I-880 - NB	Decoto (Overhead Bridge)	Ardo Blvd (Overhead Bridge)	Fre	South	1.17	1	6	71.5	A	6	70.2	A
H33	I-880 - NB	Alvarado Blvd (Overhead Bridge)	Ardo-Niles Rd (Overhead Bridge)	Fre - Uni Cty	South	1.57	1	6	69.3	A	6	59.9	B

CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
								Sample	Speed	LOS	Sample	Speed	LOS
H34	I-880 - NB	Alvarado-Niles Rd (Overhead Bridge)	Tennyson (Overhead Bridge)	Uni Cty - Hay	South	2.6	1	6	67.9	A	6	56.3	B
H35	I-880 - NB	Tennyson (Overhead Bridge)	SR 92 (Overhead Bridge)	Hay	Central	1.02	1	6	65.1	A	6	61.2	A
H36	I-880 - NB	SR 92 (Overhead Bridge)	A St (Overhead Bridge)	Hay	Central	1.68	1	6	66.7	A	6	58.2	B
H37	I-880 - NB	A St (Overhead Bridge)	End of HOV	Uninc	Central	0.78	1	6	67.3	A	6	49.2	C
H38	I-880 - SB	Marina Blvd (Overhead Bridge)	SR 238 WB (Merge)	San L	North	2.56	1	6	59.6	B	6	75.8	A
H39	I-880 - SB	SR 238 WB (Merge)	A St (Overhead Bridge)	San L-Uninc	Central	1.91	1	6	56.9	B	6	42.9	D
H40	I-880 - SB	A St (Overhead Bridge)	Jackson (Overhead Bridge)	Hay	Central	1.7	1	6	56.1	B	6	41.0	E
H41	I-880 - SB	Rt 92/Jackson (Overhead Bridge)	Tennyson (Overhead Bridge)	Hay	Central	1.01	1	6	44.1	D	6	35.0	E
H42	I-880 - SB	Tennyson (Overhead Bridge)	Alvarado-Niles (Overhead Bridge)	Hay - Uni Cty	Central	2.6	1	6	51.8	C	6	27.2	F
H43	I-880 - SB	Alvarado-Niles (Overhead Bridge)	Alvarado (Overhead Bridge)	Uni Cty - Fre	Central	1.56	1	6	52.4	C	6	29.0	F
H44	I-880 - SB	Alvarado (Overhead Bridge)	Decoto (Overhead Bridge)	Fre	Central	1.19	1	6	50.2	C	6	32.2	E
H45	I-880 - SB	Decoto (Overhead Bridge)	Stevenson (Overhead Bridge)	Fre	South	4.06	1	6	46.4	D	6	32.8	E
H46	I-880 - SB	Stevenson (Overhead Bridge)	AutoMall Pkwy (Overhead Bridge)	Fre	Central	1.52	1	6	54.0	C	6	49.3	C
H47	I-880 - SB	AutoMall Pkwy (Overhead Bridge)	SR 162/Mission (Painted Green)	Fre	Central	2.83	1	6	56.4	B	6	48.8	D
H48	I-880 - SB	SR 262/Mission (Painted Green)	SCL County Line	Fre	South	1.6	1	6	73.6	A	6	46.7	D
H49	I-880 - SB	Begin HOV (South of I-880)	SR 112/Davis	Oak-San L	North	1.64	1	6	68.3	A	6	60.4	A
H50	I-880 - SB	SR 112/Davis	Marina Blvd	San L	North	0.81	1	6	67.5	A	6	64.4	A

Table B-12: 2018 LOS Monitoring Results for Bridges - PM Peak Period (INRIX Data)

CMP ID	CMP Route	Segment Limits		Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
		From	To					Sample	Speed	LOS	Sample	Speed	LOS
F151	SR 92 - WB	San M CL	Foster City Boulevard	SM	4.97	Central	3	3200	65.8	A	1311	68.6	A
F152	SR 92 - EB	Foster City Boulevard	San M CL	SM	4.97	Central	3	3200	34.4	E	1311	35.3	E
F153	SR 84 - WB	San M CL	Ravenswood Slough	SM	1.31	South	3	3101	60.0	A	3680	62.8773247	A
F154	SR 84 - EB	Ravenswood Slough	San M CL	SM	1.31	South	3	3200	45.3	D	3706	48.2	D
F155	I-80 - WB	SF County Line	Fremont St Off Ramp	SF	3.32	North	5	2960	25.8	(F30)	3467	19.3	(F20)
F156	I-80 - EB	Bryant St On Ramp	SF County Line	SF	3.29	North	5	2960	33.5	E	3551	38.1	E

Table B-13: 2018 LOS Monitoring Results for Bridges - AM Peak Period (INRIX Data)

CMP ID	CMP Route	Segment Limits		Jurisdiction	Length (mi)	Plan Area	# Lanes	2016 results			2018 Results		
		From	To					Sample	Speed	LOS	Sample	Speed	LOS
F151	SR 92 - WB	San M CL	Foster City Boulevard	SM	4.97	Central	3	2914	44.4	D	1313	41.2	D
F152	SR 92 - EB	Foster City Boulevard	San M CL	SM	4.97	Central	3	2675	67.4	A	1313	68.9	A
F153	SR 84 - WB	San M CL	Ravenswood Slough	SM	1.31	South	3	3026	30.0	E	3706	28.6	(F30)
F154	SR 84 - EB	Ravenswood Slough	San M CL	SM	1.31	South	3	2895	59.4	B	3692	61.9	A
F155	I-80 - WB	SF County Line	Fremont St Off Ramp	SF	3.32	North	5	2797	35.4	E	3466	41.8	D
F156	I-80 - EB	Bryant St On Ramp	SF County Line	SF	3.29	North	5	2797	52.5	C	3586	57.7	B