



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Alameda County Highway Inventory							
Highways	State Route	Cities	Direction	Total Highway Miles	Peak Daily Volume*	Average AM Peak Period Auto Speed	Average PM Peak Period Auto Speed
Ashby Ave	SR-13	Berkeley	E/W	3.82	39,500 at Domingo Ave	20.7	17.7
Doolittle Dr, Otis Dr, Broadway, Encinal Ave, Central Ave, Webster St	SR-61	Alameda	N/S	7.62	39,000 at Alameda-San Leandro Bridge	27.4	26.3
42nd Ave	SR-77	Oakland	E/W	0.36	17,000 at I-880	26.0	26.0
Niles Canyon, Thornton Ave, Fremont Ave, Peralta Ave, Mowry Ave	SR-84	Fremont/Pleasanton Livermore/ Unincorporated County	N/S & E/W	22.22	69,000 at I-880	37.8	38.2
Foothill Ave, Jackson St	SR-92	Hayward	E/W	1.71	94,000 at I-880	25.1	20.2
Davis St	SR-112	San Leandro	E/W	1.79	33,000 at I-880	20.0	18.3
San Pablo Ave	SR-123	Albany/Berkeley Emeryville/Oakland	N/S	5.17	26,000 at Alameda/Contra Costa Line	20.7	17.4
International Blvd / East 14th	SR-185	Hayward/Union City/ Fremont	N/S	10.10	24,100 at 44th Ave	20.5	18.6
Mission Blvd	SR-238	Hayward/Union City/ Fremont	N/S	14.59	30,000 at SR-84	32.1	29.8
Webster/Posey Tubes	SR-260	Alameda/Oakland	N/S	1.43	29,000 on entire route	29.1	29.1
Mission Blvd	SR-262	Fremont	E/W	1.67	73,000 at I-680	33.7	30.0



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Alameda County Freeway Inventory						
Freeway	Direction	Freeway Length (miles)	Express Lanes	Peak Daily No. of Vehicles*	2022 AM Congested Miles Total (morning peak)	2022 PM Congested Miles Total (afternoon peak)
I-80	E/W	8.1	-	257,000 at I-580	6.0	6.4
I-238	E/W	2.6	-	137,000 at I-580	2.5	0.0
I-580	E/W	46.6	yes	231,000 at I-80	2.6	19.9
I-680	N/S	21.3	yes	131,000 at I-580, Pleasanton	0.0	3.4
I-880	N/S	35.4	yes	260,000 at A Street, Hayward	10.2	11.6
I-980	E/W	2.4	-	103,000 at 18th Street, Oakland	0.0	0.0
SR-13	N/S	5.8	-	71,000 at Broadway Terrace	0.0	3.0
SR-24	E/W	4.5	-	144,000 at SR-13	0.0	4.5
SR-84	E/W	6.2	-	70,000 at I-880	0.0	1.2
SR-92	E/W	6.7	-	98,000 at Clawiter Road, Hayward	0.0	2.1



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Results for Freeways (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F1	I-80 - EB	SF County Line	Toll Plaza	Oakland	2.01	North	5	3,551	46.0	D	720	58.4	B	924	55.0	B
F2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oakland	1.30	North	6	3,704	21.2	(F30)	720	35.8	E	924	24.9	(F30)
F3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emeryville	0.54	North	6	3,706	10.9	(F20)	720	15.5	(F20)	948	10.1	(F20)
F4	I-80 - EB	Powell	Ashby	Emeryville - Berkeley	0.72	North	6	3,706	12.8	(F20)	672	17.0	(F20)	948	12.8	(F20)
F5	I-80 - EB	Ashby	University	Berkeley	1.30	North	5	3,706	21.2	(F30)	696	22.5	(F30)	948	18.7	(F20)
F6	I-80 - EB	University	Jct I-580 (off)	Berkeley - Albany	1.37	North	5	3,349	30.7	E	696	38.4	E	876	33.0	E
F7	I-80 - EB	Jct I-580 (off)	Central (County Line)	Albany	0.84	North	4	3,706	40.0	E	712	49.2	C	948	42.3	D
F8	I-80 - WB	Central (County Line)	Jct I-580	Albany	0.70	North	4	3,705	62.1	A	696	66.4	A	948	67.0	A
F9	I-80 - WB	Jct I-580	University	Berkeley - Albany	1.51	North	6	3,588	45.8	D	696	46.7	D	948	48.5	D
F10	I-80 - WB	University	Ashby	Berkeley	1.31	North	5	3,706	26.9	(F30)	696	32.3	E	924	26.7	(F30)
F11	I-80 - WB	Ashby	Powell	Emeryville	0.71	North	5	3,586	19.1	(F20)	696	31.1	E	948	24.8	(F30)
F12	I-80 - WB	Powell	I-80/I-580 (Split)	Emeryville	0.47	North	6	3,705	30.9	E	720	27.0	(F30)	924	23.9	(F30)
F13	I-80 - WB	I-580 Split	Toll Plaza	Oakland	1.31	North	8	3,705	35.0	E	670	56.7	B	844	45.2	D
F14	I-80 - WB	Toll Plaza	SF County	Oakland	2.01	North	4	3,706	23.6	(F30)	646	57.2	B	912	50.0	C
F15	I-238 - EB	I-880	I-580	Alameda County - San Leandro	2.59	Central	3	1,795	39.7	E	696	56.3	B	948	43.0	D



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Results for Freeways (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F16	I-238 - WB	I-580	I-880	Alameda County - San Leandro	2.48	Central	3	1,792	43.9	D	720	60.3	A	948	44.9	D
F17	I-580 - EB	I-580/I-238 changed fm (I-238/Fthl Off)	Grove	Alameda County	2.68	Central	5	3,706	54.1	C	672	65.5	A	900	52.3	C
F18	I-580 - EB	Grove	Eden Canyon	Alameda County - Pleasanton	2.19	East	4	3,226	39.6	E	720	57.0	B	948	48.9	D
F19	I-580 - EB	Eden Canyon	San Ramon/ Foothill	Alameda County - Pleasanton	4.82	East	4	3,587	23.9	(F30)	672	39.7	E	948	29.7	(F30)
F20	I-580 - EB	San Ramon/ Foothill	I-680	Pleasanton	0.71	East	4	3,706	14.9	(F20)	720	25.6	(F30)	948	18.3	(F20)
F21	I-580 - EB	I-680	Hopyard	Pleasanton	0.87	East	6	3,586	14.8	(F20)	672	25.9	(F30)	924	18.9	(F20)
F22	I-580 - EB	Hopyard	Santa Rita	Pleasanton	1.90	East	6	3,469	26.7	(F30)	696	36.9	E	924	33.1	E
F23	I-580 - EB	Santa Rita	El Charro	Alameda County - Pleasanton	1.25	East	6	3,587	45.8	D	720	49.3	C	948	49.4	C
F24	I-580 - EB	El Charro	SR 84/Airway Blvd.	Alameda County	1.72	East	6	3,587	60.7	A	696	58.4	B	948	58.4	B
F25	I-580 - EB	SR 84/Airway Blvd.	Portola	Livermore	1.73	East	5	3,706	63.7	A	696	58.2	B	924	62.7	A
F26	I-580 - EB	Portola	1st St	Livermore	2.56	East	5	3,469	51.5	C	672	49.1	C	922	56.0	B
F27	I-580 - EB	1st St	Greenville	Livermore	2.13	East	6	3,346	22.8	(F30)	624	26.7	(F30)	946	26.0	(F30)
F28	I-580 - EB	Greenville	N.Flynn	Alameda County	2.73	East	4	3,589	21.0	(F30)	696	19.4	(F20)	900	18.2	(F20)



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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F29	I-580 - EB	N.Flynn	Grant Line	Alameda County	4.32	East	4	3,586	33.7	E	696	30.3	E	924	28.8	(F30)
F30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Alameda County	0.87	East	5	3,706	58.8	B	720	52.4	C	948	57.3	B
F31	I-580 - WB	I-205 (SJ Co)	Grant Line	Alameda County	0.72	East	5	3,337	69.3	A	720	74.2	A	852	71.2	A
F32	I-580 - WB	Grant Line	N Flynn	Alameda County	4.59	East	4	3,706	66.8	A	720	68.8	A	924	67.6	A
F33	I-580 - WB	N Flynn	Greenville Rd	Livermore - Alameda County	2.43	East	5	3,706	67.3	A	720	69.5	A	948	69.7	A
F34	I-580 - WB	Greenville Rd	1st St	Livermore	2.21	East	4	3,706	69.5	A	720	69.9	A	948	69.6	A
F35	I-580 - WB	1st St	Portola Ave	Livermore	2.56	East	4	3,706	70.2	A	720	73.6	A	948	73.2	A
F36	I-580 - WB	Portola	SR 84/Airway Blvd	Livermore	1.73	East	4	3,706	69.0	A	720	69.7	A	924	69.3	A
F37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Livermore - Alameda County	1.73	East	4	3,706	68.9	A	720	70.2	A	948	69.6	A
F38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Pleasanton	1.23	East	4	3,706	65.9	A	720	67.0	A	948	65.4	A
F39	I-580 - WB	Tassajara Rd	I-680	Pleasanton	2.78	East	4	3,447	55.4	B	672	68.7	A	948	58.2	B
F40	I-580 - WB	I-680	San Ramon Rd	Pleasanton	0.71	East	4	3,586	57.2	B	720	66.2	A	948	63.4	A
F41	I-580 - WB	San Ramon Rd	Eden Caynon	Pleasanton - Alameda County	4.82	East	4	3,706	59.2	B	696	67.6	A	948	62.0	A
F42	I-580 - WB	Eden Canyon	Center St	Alameda County	2.50	East	4	3,706	63.5	A	672	70.2	A	924	67.7	A



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F43	I-580 - WB	Center	I-580/238	Alameda County	2.26	Central	5	3,704	57.8	B	696	64.7	A	948	58.7	B
F44	I-580 - EB	I-80	I-980	Oakland	1.27	North	5	3,706	19.5	(F20)	696	50.5	C	948	24.9	(F30)
F45	I-580 - EB	I-980	Harrison	Oakland	1.02	North	5	3,706	15.7	(F20)	720	50.1	C	948	20.1	(F30)
F46	I-580 - EB	Harrison	Lakeshore	Oakland	0.84	North	4	3,706	20.8	(F30)	696	41.9	D	948	22.4	(F30)
F47	I-580 - EB	Lakeshore	Coolidge	Oakland	2.21	North	5	3,466	30.5	E	600	47.9	D	948	33.8	E
F48	I-580 - EB	Coolidge	SH 13 Off	Oakland	2.20	North	4	3,706	31.7	E	624	58.7	B	948	33.0	E
F49	I-580 - EB	SH 13 Off	MacArthur	Oakland	4.08	North	4	3,706	53.3	C	552	66.1	A	924	52.7	C
F50	I-580 - EB	MacArthur	I-580/238	San Leandro - Alameda County	3.78	Central	4	3,645	65.3	A	552	65.1	A	924	62.9	A
F51	I-580 - WB	I-238	Foothill/MacArthur	Alameda County	3.86	Central	4	3,706	68.1	A	648	70.0	A	924	69.8	A
F52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oakland	4.04	North	4	3,585	64.5	A	672	67.1	A	924	66.0	A
F53	I-580 - WB	SH 13 Off	Fruitvale	Oakland	2.63	North	4	3,571	68.6	A	696	72.4	A	924	72.8	A
F54	I-580 - WB	Fruitvale	Harrison	Oakland	2.68	North	4	3,580	65.4	A	672	68.5	A	924	67.0	A
F55	I-580 - WB	Harrison	SH 24 On-ramp	Oakland	1.24	North	5	3,585	58.6	B	696	72.6	A	924	70.1	A
F56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oakland	1.17	North	5	3,706	24.0	(F30)	720	30.1	E	924	27.0	(F30)
F57	I-580 - EB	Central (County Line)	I-80 Jct	Albany	0.70	North	2	3,699	51.4	C	720	58.0	B	948	60.6	A



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F58	I-580 - WB	I-80 Jct	Central (County Line)	Albany	0.86	North	3	3,706	55.0	B	720	64.6	A	948	59.9	B
F59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fremont	2.26	South	3	3,706	23.3	(F30)	720	65.4	A	948	59.6	B
F60	I-680 - NB	Rt 262/Mission	Durham Rd	Fremont	1.62	South	3	3,706	9.0	(F10)	696	43.6	D	948	64.7	A
F61	I-680 - NB	Durham Rd	Washington Blvd	Fremont	1.30	South	3	3,706	12.2	(F20)	672	24.2	(F30)	924	41.8	D
F62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fremont	1.14	South	3	3,586	20.8	(F30)	648	29.8	(F30)	876	40.7	E
F63	I-680 - NB	SR 238/Mission	Vargas Rd	Fremont	1.10	South	4	3,706	22.2	(F30)	720	27.9	(F30)	948	30.4	E
F64	I-680 - NB	Vargas Rd	Andrade Rd	Alameda County	2.21	South	4	3,586	20.2	(F30)	720	24.7	(F30)	948	20.3	(F30)
F65	I-680 - NB	Andrade Rd	Calaveras	Alameda County	1.15	South	3	3,586	33.9	E	720	35.7	E	948	25.1	(F30)
F66	I-680 - NB	Calaveras	Rt.84/Vallecitos	Alameda County	0.39	South	3	3,706	50.9	C	720	51.2	C	948	38.3	E
F67	I-680 - NB	SR 84	Sunol Blvd	Pleasanton - Alameda County	3.52	East	3	3,706	67.8	A	720	68.6	A	927	50.8	C
F68	I-680 - NB	Sunol Blvd.	Bernal Ave	Pleasanton - Alameda County	1.49	East	3	3,706	62.0	A	720	63.7	A	924	35.2	E
F69	I-680 - NB	Bernal Ave	Stoneridge Dr	Pleasanton	2.53	East	3	3,706	58.5	B	720	65.8	A	948	46.5	D
F70	I-680 - NB	Stoneridge Dr	I-580	Pleasanton	0.74	East	4	3,706	59.1	B	720	68.0	A	948	60.4	A
F71	I-680 - NB	I-580	Alcosta	Dublin	1.85	East	4	3,586	66.1	A	720	66.0	A	924	62.7	A



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F72	I-680 - SB	Alcosta	I-580	Dublin	1.85	East	5	3,706	68.3	A	720	67.7	A	924	64.8	A
F73	I-680 - SB	I-580	Stoneridge Dr	Pleasanton	0.73	East	4	3,706	61.6	A	720	67.7	A	948	61.0	A
F74	I-680 - SB	Stoneridge Dr	Bernal	Pleasanton	2.54	East	3	3,466	63.9	A	720	68.0	A	948	65.3	A
F75	I-680 - SB	Bernal Ave.	Sunol Blvd	Alameda County	1.49	East	3	3,466	66.7	A	720	71.1	A	948	69.3	A
F76	I-680 - SB	Sunol Blvd.	SR 84	Alameda County	3.71	East	3	3,576	65.4	A	720	68.7	A	948	66.2	A
F77	I-680 - SB	SR 84 (Niles Canyon)	Andrade Rd	Alameda County	1.33	South	4	3,706	66.9	A	720	67.7	A	948	68.8	A
F78	I-680 - SB	Andrade Rd	Sheridon Rd	Alameda County	1.40	South	5	3,706	64.6	A	720	66.9	A	948	66.3	A
F79	I-680 - SB	Sheridon Rd	Vargas Rd	Alameda County	0.81	South	4	3,706	65.9	A	720	66.0	A	948	66.2	A
F80	I-680 - SB	Vargas Rd	SR 238/Mission	Fremont	1.11	South	4	3,706	69.7	A	720	73.1	A	948	72.7	A
F81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fremont	1.14	South	4	3,706	70.2	A	716	69.3	A	948	68.5	A
F82	I-680 - SB	Washington Blvd	Durham Rd	Fremont	1.35	South	4	3,706	69.3	A	696	68.8	A	948	68.6	A
F83	I-680 - SB	Durham Rd	Rt 262/Mission	Fremont	1.63	South	4	3,706	66.0	A	716	67.6	A	948	63.7	A
F84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fremont	2.25	South	4	3,706	70.5	A	720	70.5	A	948	70.6	A
F85	I-880 - NB	Dix Landing	SR 262/Mission	Fremont	2.09	South	6	3,589	25.1	(F30)	720	60.9	A	876	46.2	D
F86	I-880 - NB	SR 262/Mission	AutoMall Pkwy	Fremont	2.43	South	4	3,590	32.2	E	696	40.6	E	923	36.2	E



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F87	I-880 - NB	AutoMall Pkwy	Stevenson	Fremont	1.53	South	4	3,706	45.1	D	720	43.4	D	948	37.6	E
F88	I-880 - NB	Stevenson	Decoto	Fremont	4.06	South	4	3,106	27.0	(F30)	600	52.8	C	948	46.6	D
F89	I-880 - NB	Decoto	Alvarado Blvd	Fremont	1.17	South	4	3,706	18.7	(F20)	696	36.1	E	924	24.8	(F30)
F90	I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fremont - Union City	1.57	South	4	3,706	22.4	(F30)	696	35.5	E	948	24.6	(F30)
F91	I-880 - NB	Alv-Niles	Tennyson	Union City - Hayward	2.60	South	4	3,706	18.7	(F20)	696	26.8	(F30)	900	21.1	(F30)
F92	I-880 - NB	Tennyson	SR 92	Hayward	1.02	Central	5	3,665	25.7	(F30)	720	32.8	E	948	29.0	(F30)
F93	I-880 - NB	SR 92	A St	Hayward	1.68	Central	5	3,665	32.4	E	696	38.6	E	948	37.9	E
F94	I-880 - NB	A St	I-238 (Marina before 06)	Alameda County	1.95	Central	5	3,706	55.9	B	720	53.5	C	900	49.8	C
F95	I-880 - NB	I-880/I238 (split)	Marina Blvd	San Leandro	2.54	Central	5	1,675	56.1	B	696	59.7	B	924	59.8	B
F96	I-880 - NB	Marina Blvd	SR 112/Davis	San Leandro	0.82	Central	4	1,795	50.9	C	720	49.6	C	948	48.9	D
F97	I-880 - NB	SR 112/Davis	Hegenberger	Oakland - San Leandro	1.83	Central	4	1,558	57.3	B	720	57.1	B	924	53.2	C
F98	I-880 - NB	Hegenberger	High/42nd	Oakland	2.34	North	4	1,795	55.1	B	720	62.8	A	948	51.1	C
F99	I-880 - NB	High/42nd	23rd (1st on)	Oakland	1.25	North	4	1,795	53.7	C	720	58.6	B	948	48.7	D
F100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oakland	2.63	North	4	1,795	57.8	B	673	62.8	A	923	50.0	C
F101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oakland	2.43	North	4	3,700	59.4	B	720	65.5	A	924	65.0	A



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F102	I-880 - NB	I-880/I-80 (split)	I-880/I-80 (merge)	Oakland	1.44	North	4	3,702	13.6	(F20)	720	23.8	(F30)	948	18.4	(F20)
F103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oakland	1.28	North	4	3,586	48.4	D	720	56.5	B	948	55.3	B
F104	I-880 - SB	I-880/I-80 merge	Jct 980	Oakland	2.51	North	4	3,706	22.3	(F30)	720	64.4	A	947	34.0	E
F105	I-880 - SB	I-980	23rd	Oakland	2.74	North	5	1,795	14.4	(F20)	720	40.4	E	851	19.6	(F20)
F106	I-880 - SB	23rd St	High/42nd	Oakland	1.10	North	5	1,675	31.7	E	720	41.7	D	948	28.2	(F30)
F107	I-880 - SB	High/42nd	Hegenberger	Oakland	2.36	North	4	1,675	37.5	E	696	49.3	C	936	31.7	E
F108	I-880 - SB	Hegenberger	SR 112/Davis	Oakland - San Leandro	1.82	North	4	1,795	55.7	B	696	51.3	C	948	48.0	D
F109	I-880 - SB	SR 112/Davis	Marina Blvd	San Leandro	0.82	North	4	1,795	51.6	C	670	39.6	E	924	42.4	D
F110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oakland - San Leandro	2.55	North	4	1,795	51.8	C	648	49.9	C	924	44.0	D
F111	I-880 - SB	I-238 (Marina before 06)	A St	Alameda County	1.91	Central	5	3,586	39.2	E	696	42.7	D	852	34.8	E
F112	I-880 - SB	A St	Rt 92	Hayward	1.70	Central	5	3,706	41.5	D	696	43.3	D	924	44.9	D
F113	I-880 - SB	Rt 92	Tennyson	Hayward	1.01	Central	5	3,706	40.0	E	696	39.7	E	948	42.5	D
F114	I-880 - SB	Tennyson	Alv-Niles	Hayward - Union City	2.60	Central	4	3,347	44.1	D	552	44.1	D	948	41.2	D
F115	I-880 - SB	Alvarado-Niles	Alvarado	Union City - Fremont	1.56	Central	4	3,706	56.4	B	720	55.0	B	948	51.1	C
F116	I-880 - SB	Alvarado	Decoto	Fremont	1.19	South	4	3,706	54.2	C	720	53.8	C	948	48.0	D



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Results for Freeways (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F117	I-880 - SB	Decoto	Stevenson	Fremont	4.06	South	4	3,346	53.4	C	720	57.8	B	852	44.9	D
F118	I-880 - SB	Stevenson	AutoMall Pkwy	Fremont	1.52	South	4	3,706	62.6	A	696	61.5	A	948	48.2	D
F119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fremont	2.83	South	4	3,586	64.1	A	720	66.0	A	948	62.7	A
F120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fremont	1.69	South	4	3,706	66.4	A	720	69.4	A	948	64.3	A
F121	I-980 - WB	SR 24 @ 580	I-880	Oakland	2.49	North	4	1,791	58.9	B	691	58.6	B	948	60.6	A
F122	I-980 - EB	I-880	SR 24 @ 580	Oakland	2.44	North	4	1,795	55.5	B	720	65.8	A	948	64.3	A
F123	SR 13 - NB	Mountain On	Carson/ Redwood (1) (off)	Oakland	1.27	North	2	3,690	55.5	B	720	64.7	A	948	64.1	A
F124	SR 13 - NB	Carson/ Redwood (1) (off)	Joaquin Miller	Oakland	1.08	North	2	3,691	61.7	A	720	64.6	A	948	63.5	A
F125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oakland	1.83	North	2	3,694	44.2	D	720	65.8	A	948	49.7	C
F126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oakland	1.63	North	2	2,973	22.6	(F30)	648	42.6	D	942	20.5	(F30)
F127	SR 13 - SB	Hiller Sig	Moraga Ave	Oakland	1.60	North	2	3,354	36.3	E	686	51.8	C	948	45.0	D
F128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oakland	1.85	North	2	3,688	49.0	C	720	66.5	A	948	57.2	B
F129	SR 13 - SB	Joaq Miller/ Lincoln	Redwood	Oakland	1.07	North	2	3,686	50.0	C	720	64.8	A	948	58.2	B
F130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oakland	1.40	North	2	3,561	13.7	(F20)	636	51.1	C	930	20.7	(F30)



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Results for Freeways (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oakland	1.84	North	4	3,706	20.2	(F30)	720	49.5	C	924	23.5	(F30)
F132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oakland	1.65	North	4	3,706	12.9	(F20)	720	21.0	(F30)	924	12.9	(F20)
F133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oakland	1.04	North	4	3,586	26.8	(F30)	11	22.2	(F30)	924	21.7	(F30)
F134	SR 24 - WB	Fish Ranch Road (CC)	Caldecott (exit)	Oakland	0.99	North	4	3,705	59.4	B	720	61.9	A	900	56.7	B
F135	SR 24 - WB	Caldecott (exit)	Broadway	Oakland	1.73	North	4	3,705	61.5	A	696	69.1	A	948	66.7	A
F136	SR 24 - WB	Broadway	Jct I-580 (on)	Oakland	1.86	North	4	3,687	66.0	A	720	69.6	A	948	69.5	A
F137	SR 84 - EB	San M CL	Toll Plaza	Fremont	3.29	South	3	3,706	50.3	C	720	64.6	A	948	52.2	C
F138	SR 84 - EB	Toll Plaza	Thornton	Fremont	0.54	South	3	3,706	57.7	B	720	74.4	A	948	65.1	A
F139	SR 84 - EB	Thornton Ave/ Pascon Padre	Newark Blvd/ Ardenwood Blvd	Newark	1.16	South	3	3,706	49.3	C	720	64.3	A	948	51.5	C
F140	SR 84 - EB	Newark Blvd/ Ardenwood Blvd	I-880 NB (off)	Newark	1.20	South	2	3,706	15.6	(F20)	720	38.7	E	948	15.2	(F20)
F141	SR 84 - WB	I-880 NB (off)	Ardenwood/ Newark	Newark	1.21	South	3	3,605	48.1	D	720	53.4	C	924	53.2	C
F142	SR 84 - WB	Ardenwood/ Newark	Paseo Padre Pkwy	Newark	1.15	South	3	3,553	65.4	A	720	68.8	A	720	66.1	A
F143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fremont	0.54	South	3	3,599	54.1	C	720	71.3	A	720	59.3	B
F144	SR 84 - WB	Toll Plaza	San M CL	Fremont	3.29	Central	3	3,681	68.2	A	720	66.2	A	948	67.3	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Results for Freeways (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F145	SR 92 - EB	San M CL	Toll Plaza	Hayward	2.78	Central	3	1,311	40.6	E	720	60.1	A	948	46.5	D
F146	SR 92 - EB	Toll Plaza	Clawiter	Hayward	1.87	Central	3	3,703	37.5	E	720	52.4	C	948	38.9	E
F147	SR 92 - EB	Clawiter	I-880	Hayward	2.07	Central	4	3,567	36.2	E	672	34.3	E	924	29.1	(F30)
F148	SR 92 - WB	I-880	Clawiter	Hayward	2.05	Central	4	3,608	62.3	A	720	65.9	A	948	66.3	A
F149	SR 92 - WB	Clawiter	Toll Plaza	Hayward	1.88	Central	4	3,706	58.5	B	77	54.7	C	264	55.0	B
F150	SR 92 - WB	Toll Plaza	San M CL	Hayward	2.79	Central	3	1,311	67.6	A	73	66.1	A	264	64.8	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F1	I-80 - EB	SF County Line	Toll Plaza	Oakland	2.01	North	5	3,706	61.6	A	720	66.9	A	960	65.4	A
F2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oakland	1.30	North	6	3,706	64.1	A	720	63.7	A	888	64.5	A
F3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emeryville	0.54	North	6	3,706	58.7	B	720	62.2	A	960	60.3	A
F4	I-80 - EB	Powell	Ashby	Emeryville - Berkeley	0.72	North	6	3,706	60.2	A	720	68.5	A	960	66.7	A
F5	I-80 - EB	Ashby	University	Berkeley	1.30	North	5	3,706	60.9	A	720	59.7	B	888	57.7	B
F6	I-80 - EB	University	Jct I-580 (off)	Berkeley - Albany	1.37	North	5	3,586	61.0	A	720	67.1	A	432	66.2	A
F7	I-80 - EB	Jct I-580 (off)	Central (County Line)	Albany	0.84	North	4	3,706	64.7	A	720	67.4	A	960	68.1	A
F8	I-80 - WB	Central (County Line)	Jct I-580	Albany	0.70	North	4	3,706	20.5	(F30)	696	41.1	D	936	17.2	(F20)
F9	I-80 - WB	Jct I-580	University	Berkeley - Albany	1.51	North	6	3,349	22.3	(F30)	672	35.4	E	864	21.8	(F30)
F10	I-80 - WB	University	Ashby	Berkeley	1.31	North	5	3,587	29.9	(F30)	672	44.7	D	936	30.1	E
F11	I-80 - WB	Ashby	Powell	Emeryville	0.71	North	5	3,706	29.8	(F30)	672	57.7	B	912	37.6	E
F12	I-80 - WB	Powell	I-80/I-580 (Split)	Emeryville	0.47	North	6	3,692	24.6	(F30)	720	42.6	D	912	29.8	(F30)
F13	I-80 - WB	I-580 Split	Toll Plaza	Oakland	1.31	North	8	3,692	10.5	(F20)	605	34.4	E	721	16.9	(F20)
F14	I-80 - WB	Toll Plaza	SF County	Oakland	2.01	North	4	3,706	39.7	E	694	30.5	E	816	19.4	(F20)
F15	I-238 - EB	I-880	I-580	Alameda County - San Leandro	2.59	Central	3	3,706	43.3	D	720	57.4	B	936	52.0	C



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F16	I-238 - WB	I-580	I-880	Alameda County - San Leandro	2.48	Central	3	3,586	19.6	(F20)	720	42.1	D	840	27.8	(F30)
F17	I-580 - EB	I-580/I-238 changed fm (I-238/Fthl Off)	Grove	Alameda County	2.68	Central	5	3,706	34.4	E	672	66.9	A	888	59.2	B
F18	I-580 - EB	Grove	Eden Canyon	Alameda County - Pleasanton	2.19	East	4	3,706	44.9	D	720	67.1	A	936	53.2	C
F19	I-580 - EB	Eden Canyon	San Ramon/ Foothill	Alameda County - Pleasanton	4.82	East	4	3,706	58.7	B	720	66.0	A	840	59.3	B
F20	I-580 - EB	San Ramon/ Foothill	I-680	Pleasanton	0.71	East	4	3,706	64.9	A	720	65.9	A	960	58.5	B
F21	I-580 - EB	I-680	Hopyard	Pleasanton	0.87	East	6	3,706	66.3	A	720	66.9	A	912	65.7	A
F22	I-580 - EB	Hopyard	Santa Rita	Pleasanton	1.90	East	6	3,706	67.5	A	720	67.5	A	912	66.4	A
F23	I-580 - EB	Santa Rita	El Charro	Alameda County - Pleasanton	1.25	East	6	3,706	68.8	A	720	68.4	A	936	67.5	A
F24	I-580 - EB	El Charro	SR 84/Airway Blvd.	Alameda County	1.72	East	6	3,586	68.2	A	720	67.3	A	864	66.7	A
F25	I-580 - EB	SR 84/Airway Blvd.	Portola	Livermore	1.73	East	5	3,706	68.7	A	720	71.2	A	912	70.5	A
F26	I-580 - EB	Portola	1st St	Livermore	2.56	East	5	3,706	69.1	A	720	67.7	A	960	67.0	A
F27	I-580 - EB	1st St	Greenville	Livermore	2.13	East	6	3,586	67.9	A	720	67.0	A	960	63.2	A
F28	I-580 - EB	Greenville	N.Flynn	Alameda County	2.73	East	4	3,587	67.2	A	696	70.0	A	576	70.5	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F29	I-580 - EB	N.Flynn	Grant Line	Alameda County	4.32	East	4	3,706	69.2	A	720	70.6	A	960	70.1	A
F30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Alameda County	0.87	East	5	3,635	66.8	A	720	70.9	A	960	71.1	A
F31	I-580 - WB	I-205 (SJ Co)	Grant Line	Alameda County	0.72	East	5	3,706	19.2	(F20)	720	30.0	(F30)	936	17.2	(F20)
F32	I-580 - WB	Grant Line	N Flynn	Alameda County	4.59	East	4	3,706	33.8	E	696	39.7	E	960	31.5	E
F33	I-580 - WB	N Flynn	Greenville Rd	Livermore - Alameda County	2.43	East	5	3,586	54.1	C	720	59.6	B	912	57.6	B
F34	I-580 - WB	Greenville Rd	1st St	Livermore	2.21	East	4	3,347	61.8	A	648	60.1	A	864	52.3	C
F35	I-580 - WB	1st St	Portola Ave	Livermore	2.56	East	4	3,706	57.4	B	720	61.5	A	888	46.8	D
F36	I-580 - WB	Portola	SR 84/Airway Blvd	Livermore	1.73	East	4	3,586	48.4	D	672	62.6	A	840	40.5	E
F37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Livermore - Alameda County	1.73	East	4	3,706	49.2	C	720	61.6	A	960	37.2	E
F38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Pleasanton	1.23	East	4	3,706	47.9	D	720	59.7	B	864	35.6	E
F39	I-580 - WB	Tassajara Rd	I-680	Pleasanton	2.78	East	4	3,467	48.4	D	672	63.7	A	840	43.2	D
F40	I-580 - WB	I-680	San Ramon Rd	Pleasanton	0.71	East	4	3,706	61.3	A	720	69.2	A	912	67.1	A
F41	I-580 - WB	San Ramon Rd	Eden Caynon	Pleasanton - Alameda County	4.82	East	4	3,706	60.2	A	720	67.1	A	936	64.8	A
F42	I-580 - WB	Eden Canyon	Center St	Alameda County	2.50	East	4	3,706	57.5	B	720	67.9	A	864	64.7	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F43	I-580 - WB	Center	I-580/238	Alameda County	2.26	Central	5	3,706	49.6	C	696	57.7	B	936	51.0	C
F44	I-580 - EB	I-80	I-980	Oakland	1.27	North	5	3,706	57.8	B	720	58.4	B	840	57.8	B
F45	I-580 - EB	I-980	Harrison	Oakland	1.02	North	5	3,703	65.4	A	696	76.1	A	912	75.4	A
F46	I-580 - EB	Harrison	Lakeshore	Oakland	0.84	North	4	3,702	66.6	A	720	63.2	A	936	62.4	A
F47	I-580 - EB	Lakeshore	Coolidge	Oakland	2.21	North	5	3,702	66.7	A	672	68.2	A	888	67.2	A
F48	I-580 - EB	Coolidge	SH 13 Off	Oakland	2.20	North	4	3,705	67.9	A	624	70.1	A	936	69.6	A
F49	I-580 - EB	SH 13 Off	MacArthur	Oakland	4.08	North	4	3,706	68.2	A	576	71.9	A	864	70.5	A
F50	I-580 - EB	MacArthur	I-580/238	San Leandro - Alameda County	3.78	Central	4	3,699	67.8	A	600	68.2	A	840	67.4	A
F51	I-580 - WB	I-238	Foothill/MacArthur	Alameda County	3.86	Central	4	3,706	49.5	C	696	70.6	A	864	60.5	A
F52	I-580 - WB	Foothill/MacArthur	SH 13 Off	Oakland	4.04	North	4	3,706	27.7	(F30)	672	68.2	A	768	39.8	E
F53	I-580 - WB	SH 13 Off	Fruitvale	Oakland	2.63	North	4	3,586	21.9	(F30)	672	72.6	A	816	32.7	E
F54	I-580 - WB	Fruitvale	Harrison	Oakland	2.68	North	4	3,347	42.5	D	648	66.3	A	888	50.5	C
F55	I-580 - WB	Harrison	SH 24 On-ramp	Oakland	1.24	North	5	3,467	53.3	C	696	74.5	A	864	52.4	C
F56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oakland	1.17	North	5	3,706	33.2	E	720	56.1	B	888	29.6	(F30)
F57	I-580 - EB	Central (County Line)	I-80 Jct	Albany	0.70	North	2	3,706	24.7	(F30)	720	50.4	C	960	19.8	(F20)



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F58	I-580 - WB	I-80 Jct	Central (County Line)	Albany	0.86	North	3	3,706	59.6	B	720	67.4	A	960	66.2	A
F59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fremont	2.26	South	3	3,706	61.7	A	720	65.3	A	912	64.6	A
F60	I-680 - NB	Rt 262/Mission	Durham Rd	Fremont	1.62	South	3	3,706	65.2	A	720	71.6	A	912	70.5	A
F61	I-680 - NB	Durham Rd	Washington Blvd	Fremont	1.30	South	3	3,706	61.8	A	720	62.7	A	912	65.3	A
F62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fremont	1.14	South	3	3,706	60.9	A	720	64.4	A	912	68.2	A
F63	I-680 - NB	SR 238/Mission	Vargas Rd	Fremont	1.10	South	4	3,706	61.0	A	672	65.5	A	840	67.2	A
F64	I-680 - NB	Vargas Rd	Andrade Rd	Alameda County	2.21	South	4	3,351	65.3	A	713	57.3	B	840	67.4	A
F65	I-680 - NB	Andrade Rd	Calaveras	Alameda County	1.15	South	3	3,706	65.1	A	696	67.2	A	912	67.6	A
F66	I-680 - NB	Calaveras	Rt.84/Vallecitos	Alameda County	0.39	South	3	3,706	64.3	A	720	65.5	A	912	66.9	A
F67	I-680 - NB	SR 84	Sunol Blvd	Pleasanton - Alameda County	3.52	East	3	3,706	57.3	B	696	68.8	A	809	69.4	A
F68	I-680 - NB	Sunol Blvd.	Bernal Ave	Pleasanton - Alameda County	1.49	East	3	3,587	45.6	D	720	67.3	A	864	67.3	A
F69	I-680 - NB	Bernal Ave	Stoneridge Dr	Pleasanton	2.53	East	3	3,706	66.0	A	720	69.7	A	888	69.1	A
F70	I-680 - NB	Stoneridge Dr	I-580	Pleasanton	0.74	East	4	3,586	58.6	B	720	72.0	A	912	71.1	A
F71	I-680 - NB	I-580	Alcosta	Dublin	1.85	East	4	3,587	51.2	C	720	65.6	A	888	64.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F72	I-680 - SB	Alcosta	I-580	Dublin	1.85	East	5	3,706	56.1	B	720	68.2	A	864	66.8	A
F73	I-680 - SB	I-580	Stoneridge Dr	Pleasanton	0.73	East	4	3,586	30.2	E	720	66.6	A	840	46.3	D
F74	I-680 - SB	Stoneridge Dr	Bernal	Pleasanton	2.54	East	3	3,586	26.2	(F30)	696	67.0	A	888	40.3	E
F75	I-680 - SB	Bernal Ave.	Sunol Blvd	Alameda County	1.49	East	3	3,587	28.4	(F30)	720	69.4	A	888	37.0	E
F76	I-680 - SB	Sunol Blvd.	SR 84	Alameda County	3.71	East	3	3,700	43.3	D	720	64.5	A	864	43.7	D
F77	I-680 - SB	SR 84 (Niles Canyon)	Andrade Rd	Alameda County	1.33	South	4	3,706	56.7	B	720	60.3	A	864	62.0	A
F78	I-680 - SB	Andrade Rd	Sheridon Rd	Alameda County	1.40	South	5	3,706	56.1	B	720	60.0	B	888	60.9	A
F79	I-680 - SB	Sheridon Rd	Vargas Rd	Alameda County	0.81	South	4	3,706	58.2	B	672	63.4	A	912	62.7	A
F80	I-680 - SB	Vargas Rd	SR 238/Mission	Fremont	1.11	South	4	3,706	60.3	A	720	70.1	A	912	69.1	A
F81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fremont	1.14	South	4	3,586	58.7	B	720	67.3	A	864	65.1	A
F82	I-680 - SB	Washington Blvd	Durham Rd	Fremont	1.35	South	4	3,469	47.9	D	720	66.4	A	888	57.1	B
F83	I-680 - SB	Durham Rd	Rt 262/Mission	Fremont	1.63	South	4	3,706	53.3	C	696	60.0	B	888	52.6	C
F84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fremont	2.25	South	4	3,706	67.5	A	696	69.4	A	816	68.8	A
F85	I-880 - NB	Dix Landing	SR 262/Mission	Fremont	2.09	South	6	3,706	68.5	A	720	68.3	A	936	67.5	A
F86	I-880 - NB	SR 262/Mission	AutoMall Pkwy	Fremont	2.43	South	4	3,586	66.0	A	720	64.6	A	960	63.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F87	I-880 - NB	AutoMall Pkwy	Stevenson	Fremont	1.53	South	4	3,706	65.4	A	720	64.6	A	936	63.2	A
F88	I-880 - NB	Stevenson	Decoto	Fremont	4.06	South	4	3,587	62.5	A	720	66.5	A	960	65.4	A
F89	I-880 - NB	Decoto	Alvarado Blvd	Fremont	1.17	South	4	3,587	63.1	A	720	63.9	A	912	63.2	A
F90	I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fremont - Union City	1.57	South	4	3,586	49.2	C	720	60.3	A	936	57.4	B
F91	I-880 - NB	Alv-Niles	Tennyson	Union City - Hayward	2.60	South	4	3,229	46.0	D	648	55.3	B	792	44.2	D
F92	I-880 - NB	Tennyson	SR 92	Hayward	1.02	Central	5	3,706	49.4	C	696	61.9	A	888	51.7	C
F93	I-880 - NB	SR 92	A St	Hayward	1.68	Central	5	3,706	46.9	D	696	60.7	A	912	51.8	C
F94	I-880 - NB	A St	I-238 (Marina before 06)	Alameda County	1.95	Central	5	3,587	38.3	E	696	58.4	B	960	47.5	D
F95	I-880 - NB	I-880/I238 (split)	Marina Blvd	San Leandro	2.54	Central	5	3,468	23.2	(F30)	696	61.4	A	936	32.3	E
F96	I-880 - NB	Marina Blvd	SR 112/Davis	San Leandro	0.82	Central	4	3,706	23.9	(F30)	720	54.1	C	888	27.1	(F30)
F97	I-880 - NB	SR 112/Davis	Hegenberger	Oakland - San Leandro	1.83	Central	4	3,706	24.5	(F30)	720	56.6	B	888	31.1	E
F98	I-880 - NB	Hegenberger	High/42nd	Oakland	2.34	North	4	3,466	19.1	(F20)	720	54.5	C	936	28.4	(F30)
F99	I-880 - NB	High/42nd	23rd (1st on)	Oakland	1.25	North	4	3,706	23.2	(F30)	720	50.4	C	960	34.2	E
F100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oakland	2.63	North	4	3,706	46.4	D	610	59.0	B	796	53.5	C
F101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oakland	2.43	North	4	3,706	62.2	A	720	63.7	A	864	63.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F102	I-880 - NB	I-880/I-80 (split)	I-880/I-80 (merge)	Oakland	1.44	North	4	3,706	59.0	B	720	55.5	B	960	55.7	B
F103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oakland	1.28	North	4	3,706	55.8	B	696	58.9	B	936	57.4	B
F104	I-880 - SB	I-880/I-80 merge	Jct 980	Oakland	2.51	North	4	3,706	63.3	A	720	65.9	A	936	65.1	A
F105	I-880 - SB	I-980	23rd	Oakland	2.74	North	5	3,706	42.3	D	696	64.8	A	936	55.1	B
F106	I-880 - SB	23rd St	High/42nd	Oakland	1.10	North	5	3,586	53.5	C	696	55.8	B	864	53.1	C
F107	I-880 - SB	High/42nd	Hegenberger	Oakland	2.36	North	4	3,706	61.8	A	720	62.6	A	960	61.6	A
F108	I-880 - SB	Hegenberger	SR 112/Davis	Oakland - San Leandro	1.82	North	4	3,706	65.2	A	720	64.3	A	936	63.4	A
F109	I-880 - SB	SR 112/Davis	Marina Blvd	San Leandro	0.82	North	4	3,706	64.7	A	696	60.8	A	960	60.0	B
F110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oakland - San Leandro	2.55	North	4	3,586	56.6	B	720	58.0	B	888	43.2	D
F111	I-880 - SB	I-238 (Marina before 06)	A St	Alameda County	1.91	Central	5	3,346	30.0	E	648	36.9	E	912	25.1	(F30)
F112	I-880 - SB	A St	Rt 92	Hayward	1.70	Central	5	3,706	31.0	E	696	44.3	D	840	35.1	E
F113	I-880 - SB	Rt 92	Tennyson	Hayward	1.01	Central	5	3,467	24.5	(F30)	672	45.0	D	936	27.7	(F30)
F114	I-880 - SB	Tennyson	Alv-Niles	Hayward - Union City	2.60	Central	4	3,228	22.0	(F30)	696	45.0	D	912	25.7	(F30)
F115	I-880 - SB	Alvarado-Niles	Alvarado	Union City - Fremont	1.56	Central	4	3,706	22.4	(F30)	720	49.0	C	936	29.5	(F30)
F116	I-880 - SB	Alvarado	Decoto	Fremont	1.19	South	4	3,706	25.2	(F30)	720	54.0	C	936	40.6	E



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F117	I-880 - SB	Decoto	Stevenson	Fremont	4.06	South	4	3,466	25.8	(F30)	672	56.6	B	840	38.9	E
F118	I-880 - SB	Stevenson	AutoMall Pkwy	Fremont	1.52	South	4	3,706	42.0	D	720	60.7	A	912	45.4	D
F119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fremont	2.83	South	4	3,466	46.7	D	720	64.8	A	912	59.5	B
F120	I-880 - SB	SR 262/Mission	Dix Landing(off)	Fremont	1.69	South	4	3,706	41.7	D	720	67.3	A	936	63.3	A
F121	I-980 - WB	SR 24 @ 580	I-880	Oakland	2.49	North	4	3,706	63.7	A	720	60.8	A	957	62.9	A
F122	I-980 - EB	I-880	SR 24 @ 580	Oakland	2.44	North	4	3,705	62.0	A	720	66.8	A	960	67.1	A
F123	SR 13 - NB	Mountain On	Carson/ Redwood (1) (off)	Oakland	1.27	North	2	3,668	31.6	E	720	64.1	A	960	48.0	D
F124	SR 13 - NB	Carson/ Redwood (1) (off)	Joaquin Miller	Oakland	1.08	North	2	3,677	24.3	(F30)	720	63.3	A	960	41.2	D
F125	SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oakland	1.83	North	2	3,674	31.0	E	720	65.4	A	960	44.8	D
F126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oakland	1.63	North	2	2,901	36.0	E	637	56.4	B	906	45.3	D
F127	SR 13 - SB	Hiller Sig	Moraga Ave	Oakland	1.60	North	2	1,999	55.9	B	545	54.3	C	868	53.8	C
F128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oakland	1.85	North	2	3,656	64.2	A	720	70.3	A	912	67.5	A
F129	SR 13 - SB	Joaq Miller/ Lincoln	Redwood	Oakland	1.07	North	2	3,690	67.0	A	720	68.0	A	960	66.3	A
F130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oakland	1.40	North	2	3,674	54.2	C	433	66.3	A	716	61.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oakland	1.84	North	4	3,702	66.1	A	696	64.7	A	960	64.5	A
F132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oakland	1.65	North	4	3,704	61.1	A	720	64.8	A	840	64.9	A
F133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oakland	1.04	North	4	3,464	50.9	C	720	50.9	C	840	45.4	D
F134	SR 24 - WB	Fish Ranch Road (CC)	Caldecott (exit)	Oakland	0.99	North	4	3,706	55.0	B	720	60.2	A	912	54.7	C
F135	SR 24 - WB	Caldecott (exit)	Broadway	Oakland	1.73	North	4	3,706	58.7	B	720	68.8	A	909	64.6	A
F136	SR 24 - WB	Broadway	Jct I-580 (on)	Oakland	1.86	North	4	3,706	52.8	C	696	67.2	A	957	56.8	B
F137	SR 84 - EB	San M CL	Toll Plaza	Fremont	3.29	South	3	3,689	66.7	A	720	66.5	A	960	66.3	A
F138	SR 84 - EB	Toll Plaza	Thornton	Fremont	0.54	South	3	3,647	64.3	A	715	75.6	A	960	75.4	A
F139	SR 84 - EB	Thornton Ave/Pascon Padre	Newark Blvd/Ardenwood Blvd	Newark	1.16	South	3	3,634	64.4	A	720	64.3	A	960	63.9	A
F140	SR 84 - EB	Newark Blvd/Ardenwood Blvd	I-880 NB (off)	Newark	1.20	South	2	3,628	48.7	D	720	55.0	C	960	53.0	C
F141	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	Newark	1.21	South	3	3,706	42.5	D	720	54.6	C	912	52.1	C
F142	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	Newark	1.15	South	3	3,706	40.9	E	720	67.6	A	720	59.6	B
F143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fremont	0.54	South	3	3,706	23.9	(F30)	720	71.0	A	720	52.4	C
F144	SR 84 - WB	Toll Plaza	San M CL	Fremont	3.29	South	3	3,706	29.2	(F30)	720	66.0	A	960	65.2	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F145	SR 92 - EB	San M CL	Toll Plaza	Hayward	2.78	Central	3	0	69.0	A	720	69.0	A	960	68.5	A
F146	SR 92 - EB	Toll Plaza	Clawiter	Hayward	1.87	Central	3	3,704	67.9	A	720	63.0	A	960	63.6	A
F147	SR 92 - EB	Clawiter	I-880	Hayward	2.07	Central	4	2,803	59.8	B	687	59.0	B	960	58.7	B
F148	SR 92 - WB	I-880	Clawiter	Hayward	2.05	Central	4	3,706	32.2	E	720	64.2	A	960	57.2	B
F149	SR 92 - WB	Clawiter	Toll Plaza	Hayward	1.88	Central	4	3,706	21.5	(F30)	125	40.4	E	833	33.4	E
F150	SR 92 - WB	Toll Plaza	San M CL	Hayward	2.79	Central	3	1,313	36.5	E	103	60.7	A	878	40.8	E



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F1	I-80 - EB	SF County Line	Toll Plaza	Oakland	2.01	North	5	2,370	51.9	C	432	65.5	A	624	63.6	A
F2	I-80 - EB	Toll Plaza	I-580 SB Merge	Oakland	1.30	North	6	2,368	57.6	B	432	61.6	A	528	60.2	A
F3	I-80 - EB	I-80/I-580 (Merge)	Powell	Emeryville	0.54	North	6	2,370	22.9	(F30)	432	35.9	E	624	24.6	(F30)
F4	I-80 - EB	Powell	Ashby	Emeryville - Berkeley	0.72	North	6	2,370	22.1	(F30)	432	36.0	E	624	23.7	(F30)
F5	I-80 - EB	Ashby	University	Berkeley	1.30	North	5	2,370	36.5	E	432	43.5	D	552	34.6	E
F6	I-80 - EB	University	Jct I-580 (off)	Berkeley - Albany	1.37	North	5	2,370	54.3	C	432	57.7	B	528	54.9	C
F7	I-80 - EB	Jct I-580 (off)	Central (County Line)	Albany	0.84	North	4	2,370	63.5	A	432	68.1	A	576	67.7	A
F8	I-80 - WB	Central (County Line)	Jct I-580	Albany	0.70	North	4	2,370	33.1	E	432	55.0	B	600	33.4	E
F9	I-80 - WB	Jct I-580	University	Berkeley - Albany	1.51	North	6	2,370	21.7	(F30)	432	28.2	(F30)	504	19.5	(F20)
F10	I-80 - WB	University	Ashby	Berkeley	1.31	North	5	2,370	26.0	(F30)	432	29.9	(F30)	552	20.8	(F30)
F11	I-80 - WB	Ashby	Powell	Emeryville	0.71	North	5	2,370	25.6	(F30)	432	35.3	E	576	25.4	(F30)
F12	I-80 - WB	Powell	I-80/I-580 (Split)	Emeryville	0.47	North	6	2,370	25.2	(F30)	432	30.0	(F30)	600	25.4	(F30)
F13	I-80 - WB	I-580 Split	Toll Plaza	Oakland	1.31	North	8	2,370	13.4	(F20)	432	49.2	C	514	34.4	E
F14	I-80 - WB	Toll Plaza	SF County	Oakland	2.01	North	4	2,370	32.9	E	429	29.0	(F30)	576	28.7	(F30)
F15	I-238 - EB	I-880	I-580	Alameda County - San Leandro	2.59	Central	3	2,370	54.5	C	432	63.0	A	552	56.7	B



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F16	I-238 - WB	I-580	I-880	Alameda County - San Leandro	2.48	Central	3	2,294	40.6	E	432	51.0	C	576	39.1	E
F17	I-580 - EB	I-580/I-238 changed fm (I-238/Fthl Off)	Grove	Alameda County	2.68	Central	5	2,370	59.2	B	432	70.1	A	600	63.9	A
F18	I-580 - EB	Grove	Eden Canyon	Alameda County - Pleasanton	2.19	East	4	2,370	50.7	C	432	63.1	A	624	55.3	B
F19	I-580 - EB	Eden Canyon	San Ramon/ Foothill	Alameda County - Pleasanton	4.82	East	4	2,370	63.0	A	432	61.0	A	528	59.8	B
F20	I-580 - EB	San Ramon/ Foothill	I-680	Pleasanton	0.71	East	4	2,370	64.7	A	432	62.1	A	624	55.8	B
F21	I-580 - EB	I-680	Hopyard	Pleasanton	0.87	East	6	2,370	62.9	A	432	61.1	A	576	52.0	C
F22	I-580 - EB	Hopyard	Santa Rita	Pleasanton	1.90	East	6	2,370	62.4	A	432	64.5	A	621	56.6	B
F23	I-580 - EB	Santa Rita	El Charro	Alameda County - Pleasanton	1.25	East	6	2,370	65.8	A	432	67.7	A	576	66.7	A
F24	I-580 - EB	El Charro	SR 84/Airway Blvd.	Alameda County	1.72	East	6	2,370	68.2	A	432	68.1	A	624	68.5	A
F25	I-580 - EB	SR 84/Airway Blvd.	Portola	Livermore	1.73	East	5	2,370	64.8	A	432	73.1	A	624	73.4	A
F26	I-580 - EB	Portola	1st St	Livermore	2.56	East	5	2,370	69.0	A	432	69.7	A	600	69.4	A
F27	I-580 - EB	1st St	Greenville	Livermore	2.13	East	6	2,370	68.6	A	432	70.3	A	552	63.2	A
F28	I-580 - EB	Greenville	N.Flynn	Alameda County	2.73	East	4	2,370	61.7	A	432	70.3	A	600	61.0	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F29	I-580 - EB	N.Flynn	Grant Line	Alameda County	4.32	East	4	2,370	66.6	A	432	67.4	A	576	60.4	A
F30	I-580 - EB	Grant Line	I-205 (SJ Co) Off	Alameda County	0.87	East	5	2,301	67.4	A	432	68.7	A	576	66.1	A
F31	I-580 - WB	I-205 (SJ Co)	Grant Line	Alameda County	0.72	East	5	2,126	68.5	A	432	72.6	A	576	59.7	B
F32	I-580 - WB	Grant Line	N Flynn	Alameda County	4.59	East	4	2,370	65.0	A	432	61.0	A	552	57.6	B
F33	I-580 - WB	N Flynn	Greenville Rd	Livermore - Alameda County	2.43	East	5	2,370	68.4	A	432	62.9	A	600	66.9	A
F34	I-580 - WB	Greenville Rd	1st St	Livermore	2.21	East	4	2,370	70.7	A	432	70.8	A	576	70.0	A
F35	I-580 - WB	1st St	Portola Ave	Livermore	2.56	East	4	2,370	70.6	A	432	74.3	A	624	73.7	A
F36	I-580 - WB	Portola	SR 84/Airway Blvd	Livermore	1.73	East	4	2,370	69.2	A	432	70.5	A	624	69.5	A
F37	I-580 - WB	SR 84/Airway Blvd	Fallon Rd/El Charro	Livermore - Alameda County	1.73	East	4	2,370	67.9	A	432	71.1	A	624	62.0	A
F38	I-580 - WB	Fallon Rd/El Charro	Tassajara	Pleasanton	1.23	East	4	2,370	55.0	B	432	67.0	A	600	45.6	D
F39	I-580 - WB	Tassajara Rd	I-680	Pleasanton	2.78	East	4	2,343	34.5	E	432	67.0	A	528	42.8	D
F40	I-580 - WB	I-680	San Ramon Rd	Pleasanton	0.71	East	4	2,370	63.9	A	432	68.2	A	624	67.1	A
F41	I-580 - WB	San Ramon Rd	Eden Caynon	Pleasanton - Alameda County	4.82	East	4	2,370	66.1	A	432	69.4	A	600	68.5	A
F42	I-580 - WB	Eden Canyon	Center St	Alameda County	2.50	East	4	2,370	69.7	A	432	71.8	A	600	70.7	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F43	I-580 - WB	Center	I-580/238	Alameda County	2.26	Central	5	2,359	65.1	A	432	65.2	A	600	61.5	A
F44	I-580 - EB	I-80	I-980	Oakland	1.27	North	5	2,370	54.2	C	432	56.8	B	576	56.5	B
F45	I-580 - EB	I-980	Harrison	Oakland	1.02	North	5	2,370	63.9	A	432	75.7	A	600	75.3	A
F46	I-580 - EB	Harrison	Lakeshore	Oakland	0.84	North	4	2,370	65.0	A	432	62.1	A	624	62.1	A
F47	I-580 - EB	Lakeshore	Coolidge	Oakland	2.21	North	5	2,370	65.8	A	432	67.7	A	600	67.4	A
F48	I-580 - EB	Coolidge	SH 13 Off	Oakland	2.20	North	4	2,370	66.7	A	432	70.3	A	600	70.0	A
F49	I-580 - EB	SH 13 Off	MacArthur	Oakland	4.08	North	4	2,370	66.7	A	432	71.6	A	528	70.9	A
F50	I-580 - EB	MacArthur	I-580/238	San Leandro - Alameda County	3.78	Central	4	2,318	66.1	A	432	68.1	A	552	66.9	A
F51	I-580 - WB	I-238	Foothill/ MacArthur	Alameda County	3.86	Central	4	2,366	67.5	A	432	71.2	A	552	70.0	A
F52	I-580 - WB	Foothill/ MacArthur	SH 13 Off	Oakland	4.04	North	4	2,359	66.1	A	432	68.7	A	576	64.6	A
F53	I-580 - WB	SH 13 Off	Fruitvale	Oakland	2.63	North	4	2,351	67.4	A	432	74.5	A	600	74.2	A
F54	I-580 - WB	Fruitvale	Harrison	Oakland	2.68	North	4	2,367	63.2	A	432	68.7	A	576	68.5	A
F55	I-580 - WB	Harrison	SH 24 On-ramp	Oakland	1.24	North	5	2,370	51.0	C	432	65.2	A	600	62.6	A
F56	I-580 - WB	SH-24 On-ramp	I-80/580 Split	Oakland	1.17	North	5	2,370	26.5	(F30)	432	34.3	E	576	29.3	(F30)
F57	I-580 - EB	Central (County Line)	I-80 Jct	Albany	0.70	North	2	2,369	37.7	E	432	51.2	C	624	33.7	E



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F58	I-580 - WB	I-80 Jct	Central (County Line)	Albany	0.86	North	3	2,369	58.5	B	432	63.5	A	624	64.0	A
F59	I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fremont	2.26	South	3	2,370	62.2	A	432	67.1	A	576	65.0	A
F60	I-680 - NB	Rt 262/Mission	Durham Rd	Fremont	1.62	South	3	2,370	32.9	E	432	66.9	A	624	67.3	A
F61	I-680 - NB	Durham Rd	Washington Blvd	Fremont	1.30	South	3	2,370	27.5	(F30)	432	52.2	C	600	61.6	A
F62	I-680 - NB	Washington Blvd	Rt 238/Mission	Fremont	1.14	South	3	2,370	37.9	E	432	63.5	A	600	63.4	A
F63	I-680 - NB	SR 238/Mission	Vargas Rd	Fremont	1.10	South	4	2,370	58.0	B	432	65.6	A	624	66.1	A
F64	I-680 - NB	Vargas Rd	Andrade Rd	Alameda County	2.21	South	4	2,370	56.6	B	432	66.2	A	552	51.9	C
F65	I-680 - NB	Andrade Rd	Calaveras	Alameda County	1.15	South	3	2,370	57.7	B	432	63.7	A	624	50.2	C
F66	I-680 - NB	Calaveras	Rt.84/Vallecitos	Alameda County	0.39	South	3	2,370	61.5	A	432	65.4	A	624	55.7	B
F67	I-680 - NB	SR 84	Sunol Blvd	Pleasanton - Alameda County	3.52	East	3	2,370	65.7	A	432	70.4	A	569	53.2	C
F68	I-680 - NB	Sunol Blvd.	Bernal Ave	Pleasanton - Alameda County	1.49	East	3	2,370	54.0	C	432	68.2	A	600	46.3	D
F69	I-680 - NB	Bernal Ave	Stoneridge Dr	Pleasanton	2.53	East	3	2,370	55.2	B	432	70.8	A	576	54.7	C
F70	I-680 - NB	Stoneridge Dr	I-580	Pleasanton	0.74	East	4	2,370	63.5	A	432	72.9	A	624	67.1	A
F71	I-680 - NB	I-580	Alcosta	Dublin	1.85	East	4	2,370	67.8	A	432	68.1	A	600	67.0	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F72	I-680 - SB	Alcosta	I-580	Dublin	1.85	East	5	2,367	70.3	A	432	68.6	A	576	68.7	A
F73	I-680 - SB	I-580	Stoneridge Dr	Pleasanton	0.73	East	4	2,367	63.2	A	432	68.5	A	624	56.6	B
F74	I-680 - SB	Stoneridge Dr	Bernal	Pleasanton	2.54	East	3	2,370	64.7	A	432	68.6	A	576	60.0	A
F75	I-680 - SB	Bernal Ave.	Sunol Blvd	Alameda County	1.49	East	3	2,370	65.4	A	432	71.6	A	600	64.2	A
F76	I-680 - SB	Sunol Blvd.	SR 84	Alameda County	3.71	East	3	2,199	66.9	A	432	69.1	A	600	62.5	A
F77	I-680 - SB	SR 84 (Niles Canyon)	Andrade Rd	Alameda County	1.33	South	4	2,370	69.1	A	432	68.2	A	600	68.8	A
F78	I-680 - SB	Andrade Rd	Sheridon Rd	Alameda County	1.40	South	5	2,370	66.1	A	432	68.4	A	624	67.0	A
F79	I-680 - SB	Sheridon Rd	Vargas Rd	Alameda County	0.81	South	4	2,370	67.8	A	432	67.6	A	600	67.0	A
F80	I-680 - SB	Vargas Rd	SR 238/Mission	Fremont	1.11	South	4	2,370	71.0	A	432	74.2	A	600	73.2	A
F81	I-680 - SB	Rt 238/Mission	Washington Blvd	Fremont	1.14	South	4	2,370	70.8	A	432	69.6	A	624	69.3	A
F82	I-680 - SB	Washington Blvd	Durham Rd	Fremont	1.35	South	4	2,370	68.6	A	432	69.5	A	624	68.6	A
F83	I-680 - SB	Durham Rd	Rt 262/Mission	Fremont	1.63	South	4	2,370	58.6	B	432	65.9	A	624	58.2	B
F84	I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fremont	2.25	South	4	2,370	71.5	A	432	72.0	A	624	72.3	A
F85	I-880 - NB	Dix Landing	SR 262/Mission	Fremont	2.09	South	6	2,370	67.4	A	432	70.5	A	600	69.6	A
F86	I-880 - NB	SR 262/ Mission	AutoMall Pkwy	Fremont	2.43	South	4	2,370	63.4	A	432	67.6	A	600	65.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F87	I-880 - NB	AutoMall Pkwy	Stevenson	Fremont	1.53	South	4	2,370	60.5	A	432	65.6	A	600	58.4	B
F88	I-880 - NB	Stevenson	Decoto	Fremont	4.06	South	4	2,370	60.2	A	432	67.9	A	576	66.8	A
F89	I-880 - NB	Decoto	Alvarado Blvd	Fremont	1.17	South	4	2,370	51.8	C	432	61.0	A	624	58.5	B
F90	I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fremont - Union City	1.57	South	4	2,370	51.8	C	432	56.6	B	624	51.8	C
F91	I-880 - NB	Alv-Niles	Tennyson	Union City - Hayward	2.60	South	4	2,370	39.0	E	432	49.6	C	528	39.3	E
F92	I-880 - NB	Tennyson	SR 92	Hayward	1.02	Central	5	2,370	38.1	E	432	56.5	B	576	36.6	E
F93	I-880 - NB	SR 92	A St	Hayward	1.68	Central	5	2,370	41.6	D	432	56.3	B	600	40.1	E
F94	I-880 - NB	A St	I-238 (Marina before 06)	Alameda County	1.95	Central	5	2,370	54.5	C	432	58.9	B	552	47.9	D
F95	I-880 - NB	I-880/I238 (split)	Marina Blvd	San Leandro	2.54	Central	5	2,370	65.2	A	432	67.9	A	552	64.3	A
F96	I-880 - NB	Marina Blvd	SR 112/Davis	San Leandro	0.82	Central	4	2,370	62.3	A	432	63.1	A	624	52.1	C
F97	I-880 - NB	SR 112/Davis	Hegenberger	Oakland - San Leandro	1.83	Central	4	2,370	59.2	B	432	65.6	A	552	58.8	B
F98	I-880 - NB	Hegenberger	High/42nd	Oakland	2.34	North	4	2,370	38.2	E	432	67.9	A	576	58.3	B
F99	I-880 - NB	High/42nd	23rd (1st on)	Oakland	1.25	North	4	2,370	41.1	D	432	61.1	A	624	50.7	C
F100	I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oakland	2.63	North	4	2,370	54.6	C	385	66.6	A	501	62.2	A
F101	I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oakland	2.43	North	4	2,365	64.7	A	432	67.5	A	600	66.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F102	I-880 - NB	I-880/I-80 (split)	I-880/I-80 (merge)	Oakland	1.44	North	4	2,367	45.8	D	432	53.4	C	624	42.8	D
F103	I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oakland	1.28	North	4	2,370	56.5	B	432	58.6	B	600	58.0	B
F104	I-880 - SB	I-880/I-80 merge	Jct 980	Oakland	2.51	North	4	2,370	67.4	A	432	70.5	A	624	68.7	A
F105	I-880 - SB	I-980	23rd	Oakland	2.74	North	5	2,370	49.4	C	432	67.9	A	552	50.8	C
F106	I-880 - SB	23rd St	High/42nd	Oakland	1.10	North	5	2,370	48.6	D	432	58.9	B	552	48.7	D
F107	I-880 - SB	High/42nd	Hegenberger	Oakland	2.36	North	4	2,370	52.8	C	432	65.7	A	576	53.3	C
F108	I-880 - SB	Hegenberger	SR 112/Davis	Oakland - San Leandro	1.82	North	4	2,370	62.9	A	432	67.3	A	576	64.9	A
F109	I-880 - SB	SR 112/Davis	Marina Blvd	San Leandro	0.82	North	4	2,370	66.7	A	432	65.1	A	624	64.1	A
F110	I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oakland - San Leandro	2.55	North	4	2,370	63.4	A	432	69.8	A	576	64.1	A
F111	I-880 - SB	I-238 (Marina before 06)	A St	Alameda County	1.91	Central	5	2,370	39.1	E	432	55.9	B	600	34.6	E
F112	I-880 - SB	A St	Rt 92	Hayward	1.70	Central	5	2,370	48.3	D	432	56.6	B	480	46.6	D
F113	I-880 - SB	Rt 92	Tennyson	Hayward	1.01	Central	5	2,370	49.6	C	432	60.0	B	600	48.1	D
F114	I-880 - SB	Tennyson	Alv-Niles	Hayward - Union City	2.60	Central	4	2,370	47.9	D	432	59.9	B	624	48.3	D
F115	I-880 - SB	Alvarado-Niles	Alvarado	Union City - Fremont	1.56	Central	4	2,370	46.5	D	432	67.0	A	624	57.4	B
F116	I-880 - SB	Alvarado	Decoto	Fremont	1.19	South	4	2,370	38.8	E	432	72.5	A	624	52.3	C



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F117	I-880 - SB	Decoto	Stevenson	Fremont	4.06	South	4	2,370	44.9	D	432	69.7	A	600	56.4	B
F118	I-880 - SB	Stevenson	AutoMall Pkwy	Fremont	1.52	South	4	2,370	59.0	B	432	64.4	A	600	58.1	B
F119	I-880 - SB	AutoMall Pkwy	Rt 262/Mission	Fremont	2.83	South	4	2,370	65.8	A	432	66.8	A	624	68.2	A
F120	I-880 - SB	SR 262/ Mission	Dix Landing(off)	Fremont	1.69	South	4	2,370	67.1	A	432	71.1	A	624	66.7	A
F121	I-980 - WB	SR 24 @ 580	I-880	Oakland	2.49	North	4	2,368	66.9	A	418	61.8	A	600	64.3	A
F122	I-980 - EB	I-880	SR 24 @ 580	Oakland	2.44	North	4	2,347	63.8	A	432	69.3	A	600	68.9	A
F123	SR 13 - NB	Mountain On	Carson/ Redwood (1) (off)	Oakland	1.27	North	2	2,300	62.2	A	432	65.0	A	624	64.0	A
F124	SR 13 - NB	Carson/ Redwood (1) (off)	Joaquin Miller	Oakland	1.08	North	2	2,285	63.7	A	432	64.8	A	624	64.1	A
F125	SR 13 - NB	Joa Miller/ Linc	Moraga Ave	Oakland	1.83	North	2	2,298	62.5	A	432	66.0	A	624	65.8	A
F126	SR 13 - NB	Moraga Ave	Hiller (Sig)	Oakland	1.63	North	2	1,949	43.8	D	404	49.5	C	568	48.3	D
F127	SR 13 - SB	Hiller Sig	Moraga Ave	Oakland	1.60	North	2	1,705	55.0	B	421	53.6	C	624	53.0	C
F128	SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oakland	1.85	North	2	2,254	64.7	A	432	69.2	A	624	68.3	A
F129	SR 13 - SB	Joaq Miller/ Lincoln	Redwood	Oakland	1.07	North	2	2,295	65.2	A	432	67.2	A	624	66.8	A
F130	SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oakland	1.40	North	2	2,230	51.1	C	356	65.9	A	526	63.4	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F131	SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oakland	1.84	North	4	2,367	65.4	A	432	62.9	A	576	64.9	A
F132	SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oakland	1.65	North	4	2,370	46.7	D	432	53.1	C	624	56.6	B
F133	SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oakland	1.04	North	4	2,370	39.2	E	432	44.8	D	600	33.5	E
F134	SR 24 - WB	Fish Ranch Road (CC)	Caldecott (exit)	Oakland	0.99	North	4	2,370	59.2	B	432	62.5	A	624	59.4	B
F135	SR 24 - WB	Caldecott (exit)	Broadway	Oakland	1.73	North	4	2,370	65.7	A	432	69.8	A	624	69.0	A
F136	SR 24 - WB	Broadway	Jct I-580 (on)	Oakland	1.86	North	4	2,370	61.4	A	432	65.4	A	552	63.7	A
F137	SR 84 - EB	San M CL	Toll Plaza	Fremont	3.29	South	3	2,345	67.2	A	432	67.3	A	624	67.3	A
F138	SR 84 - EB	Toll Plaza	Thornton	Fremont	0.54	South	3	2,342	66.9	A	432	76.8	A	624	76.7	A
F139	SR 84 - EB	Thornton Ave/Pascon Padre	Newark Blvd/Ardenwood Blvd	Newark	1.16	South	3	2,340	66.6	A	432	66.9	A	624	66.5	A
F140	SR 84 - EB	Newark Blvd/Ardenwood Blvd	I-880 NB (off)	Newark	1.20	South	2	2,337	45.5	D	432	53.8	C	624	51.7	C
F141	SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	Newark	1.21	South	3	2,304	46.6	D	432	54.5	C	624	53.8	C
F142	SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	Newark	1.15	South	3	2,233	65.8	A	432	71.2	A	480	68.0	A
F143	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fremont	0.54	South	3	2,274	51.5	C	432	72.9	A	480	61.6	A
F144	SR 84 - WB	Toll Plaza	San M CL	Fremont	3.29	Central	3	2,318	67.7	A	432	67.9	A	624	68.6	A
F145	SR 92 - EB	San M CL	Toll Plaza	Hayward	2.78	Central	3	2,370	67.4	A	432	70.8	A	624	70.1	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Freeways (Tier 1) - Weekend Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F146	SR 92 - EB	Toll Plaza	Clawiter	Hayward	1.87	Central	3	2,368	67.6	A	432	64.5	A	600	64.3	A
F147	SR 92 - EB	Clawiter	I-880	Hayward	2.07	Central	4	1,670	59.2	B	432	61.0	A	624	63.3	A
F148	SR 92 - WB	I-880	Clawiter	Hayward	2.05	Central	4	2,326	63.6	A	432	69.1	A	600	68.6	A
F149	SR 92 - WB	Clawiter	Toll Plaza	Hayward	1.88	Central	4	2,370	52.5	C	55	55.6	B	375	54.9	C
F150	SR 92 - WB	Toll Plaza	San M CL	Hayward	2.79	Central	3	2,370	52.5	C	55	67.6	A	375	65.7	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - PM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
H1	I-80 - EB	Begin of HOV	I-80 HOV/GP Gore	Oakland	0.69	North	1	6	14.2	F	6	49.8	C	6	32.6	E
H2	I-80 - EB	I-80 HOV/GP Gore	Powell (Overhead bridge)	Emeryville - Berkeley	0.56	North	1	6	5.8	F	6	42.3	D	6	9.6	(F10)
H3	I-80 - EB	Powell (Overhead bridge)	Ashby (Interchange Center Point)	Emeryville - Berkeley	0.71	North	1	6	19.6	F	6	30.4	E	6	18.9	(F20)
H4	I-80 - EB	Ashby (Interchange Center Point)	University (Overhead bridge)	Emeryville - Berkeley	1.30	North	1	6	28.6	F	6	38.6	E	6	39.7	E
H5	I-80 - EB	University (Overhead bridge)	I-80/580 Split (Divider)	Berkeley - Albany	1.37	North	1	6	44.3	D	6	46.0	D	6	52.4	C
H6	I-80 - EB	I-80/580 Split (Divider)	County Line	Berkeley - Albany	0.84	North	1	6	48.9	D	6	63.4	A	6	59.9	B
H7	I-80 - WB	County Line	I-580/80 Merge (Concrete Barrier)	Berkeley - Albany	0.70	North	1	6	60.8	A	6	64.6	A	6	64.6	A
H8	I-80 - WB	I-580/80 Merge (Concrete Barrier)	University (Overhead Bridge)	Berkeley - Albany	1.51	North	1	6	61.8	A	6	55.9	B	6	62.0	A
H9	I-80 - WB	University (Overhead Bridge)	Ashby (Interchance Center Point)	Emeryville - Berkeley	1.31	North	1	6	48.8	D	6	37.4	E	6	46.5	D
H10	I-80 - WB	Ashby (Interchance Center Point)	Powell (Overhead Bridge)	Emeryville - Berkeley	0.71	North	1	6	41.9	D	6	50.4	C	6	41.2	D
H11	I-80 - WB	Powell (Overhead Bridge)	I-80/I-580 (GP Lanes Split)	Emeryville - Berkeley	0.47	North	1	6	51.7	C	6	59.4	B	6	52.1	C



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - PM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
H12	I-80 - WB	I-580 Split (ramp)	Toll Plaza	Oakland	1.31	North	1	6	53.7	C	6	59.9	B	6	57.5	B
H13	I-80 - WB	Toll Plaza	End of HOV	Oakland	0.21	North	1	6	48.4	D	6	50.4	C	6	53.4	C
H14	SR 84 - WB	I-880 NB (off)	Ardenwood/ Newark	Newark	1.02	South	1	6	58.7	B	6	61.7	A	6	63.9	A
H15	SR 84 - WB	Ardenwood/ Newark	Paseo Padre Pkwy	Newark	1.15	South	1	6	62.9	A	6	65.0	A	6	69.6	A
H16	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fremont	0.54	South	1	6	57.7	B	6	61.7	A	6	66.7	A
H17	SR 92 - WB	Begin of HOV (Hesperian Blvd)	Clawiter	Hayward	1.17	Central	1	6	65.0	A	6	67.2	A	6	67.4	A
H18	SR 92 - WB	Clawiter	Toll Plaza	Alameda County - Hayward	1.88	Central	1	6	61.0	A	6	64.1	A	6	66.0	A
E5	I-680 - NB	Begin of HOV (Auto Mall Pkwy)	Washington Blvd Entry Point	Fremont	1.30	South	1	-	-	-	-	-	-	6	31.5	E
E6	I-680 - NB	Washington Blvd Entry Point	Rt 84	Fremont	5.80	South	1	-	-	-	-	-	-	6	21.0	(F30)
E7	I-580 - EB	Hacienda	Santa Rita	Pleasanton	1.90	East	2	-	43.9	D	-	60.8	A	-	58.6	B
E8	I-580 - EB	Santa Rita	El Charro	Alameda County - Pleasanton	1.25	East	2	-	58.3	B	-	61.5	A	-	60.6	A
E9	I-580 - EB	El Charro	SR 84/Airway Blvd.	Alameda County	1.72	East	2	-	66.1	A	-	67.1	A	-	66.6	A
E10	I-580 - EB	SR 84/Airway Blvd.	Portola	Alameda County	1.73	East	2	-	68.3	A	-	68.5	A	-	69.0	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - PM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
E11	I-580 - EB	Portola	1st St	Livermore	2.56	East	2	-	62.9	A	-	66.6	A	-	68.6	A
E12	I-580 - EB	1st St	Greenville	Livermore - Alameda County	2.13	East	2	-	31.9	E	-	47.5	D	-	46.3	D
E13	I-580 - WB	Greenville	1st St	Livermore - Alameda County	2.13	East	1	-	74.0	A	-	75.3	A	-	75.0	A
E14	I-580 - WB	1st St	Portola	Livermore	2.56	East	1	-	74.1	A	-	76.1	A	-	75.2	A
E15	I-580 - WB	Portola	SR 84/Airway Blvd.	Alameda County	1.73	East	1	-	72.8	A	-	74.8	A	-	73.7	A
E16	I-580 - WB	SR 84/Airway Blvd.	El Charro	Alameda County	1.73	East	1	-	72.5	A	-	75.3	A	-	74.0	A
E17	I-580 - WB	El Charro	Santa Rita/Tassajara	Alameda County - Pleasanton	1.25	East	1	-	81.3	A	-	84.2	A	-	82.7	A
E18	I-580 - WB	Santa Rita/Tassajara	I-680	Pleasanton	2.80	East	1	-	73.5	A	-	78.7	A	-	74.8	A
E1	I-680 - SB	Begin of HOV (Rt 84)	Washington Blvd Entry Point	Alameda County - Fremont	5.76	South	1	6	75.0	A	6	71.2	A	6	66.8	A
E2	I-680 - SB	Washington Blvd Entry Point	Auto Mall Pkwy Exit Point	Fremont	1.32	South	1	6	76.5	A	6	73.5	A	6	68.7	A
E3	I-680 - SB	Auto Mall Pkwy Exit Point	Mission Blvd Entry Point	Fremont	1.06	South	1	6	76.7	A	6	73.2	A	6	66.9	A
E4	I-680 - SB	Mission Blvd Entry Point	Ala border (S of Scott Creek Rd)	Fremont	3.03	South	1	6	76.4	A	6	73.2	A	6	69.6	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - PM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
H19	I-880 - NB	Begin HOV	I-880/I-80 Split (16th Street)	Oakland	0.17	North	1	6	76.5	A	6	65.6	A	6	74.9	A
H20	I-880 - NB	I-880/I-80 Split (16th Street)	Toll Plaza	Oakland	1.42	North	1	6	55.2	B	6	61.3	A	6	63.1	A
H21	I-880 - NB	Begin HOV (W Grand Ave)	I-880/I-80 Merge	Oakland - Emeryville	1.11	North	1	6	40.8	E	6	52.8	C	6	50.0	C
E19	I-880 - NB	SCL County Line	SR 262/Mission (450 ft s/o Warren Ave Overhead Bridge)	Fremont	2.00	South	1	6	29.0	F	6	67.8	A	6	64.3	A
E20	I-880 - NB	SR262/Mission (450 ft s/o Warren Ave Overhead Bridge)	AutoMall Pkwy (Overhead Bridge)	Fremont	2.43	South	1	6	44.6	D	6	65.9	A	6	60.8	A
E21	I-880 - NB	AutoMall Pkwy (Overhead Bridge)	Stevenson Blvd (Overhead Bridge)	Fremont	1.53	South	1	6	48.7	D	6	62.6	A	6	60.6	A
E22	I-880 - NB	Stevenson Blvd (Overhead Bridge)	Decoto (Overhead Bridge)	Fremont	4.06	South	1	6	35.7	E	6	67.6	A	6	49.8	C
E23	I-880 - NB	Decoto (Overhead Bridge)	Alvarado Blvd (Overhead Bridge)	Fremont	1.17	South	1	6	23.8	F	6	57.7	B	6	26.5	(F30)
E24	I-880 - NB	Alvarado Blvd (Overhead Bridge)	Alvarado-Niles Rd (Overhead Bridge)	Fremont- Union City	1.57	South	1	6	23.3	F	6	55.4	B	6	29.9	(F30)



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - PM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
E25	I-880 - NB	Alvarado-Niles Rd (Overhead Bridge)	Tennyson (Overhead Bridge)	Union City - Hayward	2.60	South	1	6	20.9	F	6	45.1	D	6	33.4	E
E26	I-880 - NB	Tennyson (Overhead Bridge)	SR 92 (Overhead Bridge)	Hayward	1.02	Central	1	6	30.6	E	6	54.0	C	6	45.9	D
E27	I-880 - NB	SR 92 (Overhead Bridge)	A St (Overhead Bridge)	Hayward	1.68	Central	1	6	37.8	E	6	57.4	B	6	52.4	C
E28	I-880 - NB	A St (Overhead Bridge)	End of HOV	Alameda County	0.78	Central	1	6	52.0	C	6	67.9	A	6	62.6	A
E29	I-880 - SB	Marina Blvd (Overhead Bridge)	SR 238 WB (Merge)	San Leandro	2.56	North	1	6	69.2	A	6	74.7	A	6	77.9	A
E30	I-880 - SB	SR 238 WB (Merge)	A St (Overhead Bridge)	San Leandro-Alameda County	1.91	Central	1	6	50.8	C	6	65.9	A	6	62.0	A
E31	I-880 - SB	A St (Overhead Bridge)	Rt 92/Jackson (Overhead Bridge)	Hayward	1.70	Central	1	6	48.4	D	6	65.1	A	6	65.8	A
E32	I-880 - SB	Rt 92/Jackson (Overhead Bridge)	Tennyson (Overhead Bridge)	Hayward	1.01	Central	1	6	53.6	C	6	59.1	B	6	62.9	A
E33	I-880 - SB	Tennyson (Overhead Bridge)	Alvarado-Niles (Overhead Bridge)	Hayward - Union City	2.60	Central	1	6	57.0	B	6	62.9	A	6	60.2	A
E34	I-880 - SB	Alvarado-Niles (Overhead Bridge)	Alvarado (Overhead Bridge)	Union City - Fremont	1.56	Central	1	6	61.6	A	6	69.2	A	6	62.7	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - PM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
E35	I-880 - SB	Alvarado (Overhead Bridge)	Decoto (Overhead Bridge)	Fremont	1.19	Central	1	6	61.4	A	6	68.7	A	6	63.6	A
E36	I-880 - SB	Decoto (Overhead Bridge)	Stevenson (Overhead Bridge)	Fremont	4.06	South	1	6	59.6	B	6	68.5	A	6	51.0	C
E37	I-880 - SB	Stevenson (Overhead Bridge)	AutoMall Pkwy (Overhead Bridge)	Fremont	1.52	Central	1	6	64.9	A	6	69.4	A	6	64.1	A
E38	I-880 - SB	AutoMall Pkwy (Overhead Bridge)	Rt 262/Mission (Painted Gore)	Fremont	2.83	Central	1	6	65.7	A	6	70.2	A	6	73.0	A
E39	I-880 - SB	SR 262/Mission (Painted Gore)	SCL County Line	Fremont	1.60	South	1	6	63.8	A	6	67.2	A	6	71.1	A
E40	I-880 - SB	Begin HOV (South of Hegenberger)	SR 112/Davis	Oakland-San Leandro	1.64	North	1	6	54.5	C	6	61.4	A	6	72.3	A
E41	I-880 - SB	SR 112/Davis	Marina Blvd	San Leandro	0.81	North	1	6	56.3	B	6	63.4	A	6	70.8	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - AM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
H1	I-80 - EB	Begin of HOV	I-80 HOV/GP Gore	Oakland	0.69	North	1	6	54.8	C	6	56.2	B	6	59.1	B
H2	I-80 - EB	I-80 HOV/GP Gore	Powell (Overhead bridge)	Emeryville - Berkeley	0.56	North	1	6	62.5	A	6	64.7	A	6	69.1	A
H3	I-80 - EB	Powell (Overhead bridge)	Ashby (Interchange Center Point)	Emeryville - Berkeley	0.71	North	1	6	63.0	A	6	64.7	A	6	65.3	A
H4	I-80 - EB	Ashby (Interchange Center Point)	University (Overhead bridge)	Emeryville - Berkeley	1.30	North	1	6	67.9	A	6	69.3	A	6	72.2	A
H5	I-80 - EB	University (Overhead bridge)	I-80/580 Split (Divider)	Berkeley - Albany	1.37	North	1	6	67.3	A	6	70.3	A	6	73.8	A
H6	I-80 - EB	I-80/580 Split (Divider)	County Line	Berkeley - Albany	0.84	North	1	6	62.7	A	6	63.9	A	6	68.5	A
H7	I-80 - WB	County Line	I-580/80 Merge (Concrete Barrier)	Berkeley - Albany	0.70	North	1	6	29.1	F	6	33.2	E	6	22.9	(F30)
H8	I-80 - WB	I-580/80 Merge (Concrete Barrier)	University (Overhead Bridge)	Berkeley - Albany	1.51	North	1	6	29.1	F	6	44.6	D	6	30.7	E
H9	I-80 - WB	University (Overhead Bridge)	Ashby (Interchance Center Point)	Emeryville - Berkeley	1.31	North	1	6	39.6	E	6	50.5	C	6	39.7	E
H10	I-80 - WB	Ashby (Interchance Center Point)	Powell (Overhead Bridge)	Emeryville - Berkeley	0.71	North	1	6	38.5	E	6	56.6	B	6	46.9	D
H11	I-80 - WB	Powell (Overhead Bridge)	I-80/I-580 (GP Lanes Split)	Emeryville - Berkeley	0.47	North	1	6	51.5	C	6	59.7	B	6	28.4	(F30)



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - AM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
H12	I-80 - WB	I-580 Split (ramp)	Toll Plaza	Oakland	1.31	North	1	6	47.7	D	6	55.9	B	6	27.0	(F30)
H13	I-80 - WB	Toll Plaza	End of HOV	Oakland	0.21	North	1	6	49.4	C	6	48.8	D	6	60.5	A
H14	SR 84 - WB	I-880 NB (off)	Ardenwood/ Newark	Newark	1.02	South	1	6	60.1	A	6	65.8	A	6	65.6	A
H15	SR 84 - WB	Ardenwood/ Newark	Paseo Padre Pkwy	Newark	1.15	South	1	6	45.5	D	6	68.2	A	6	72.4	A
H16	SR 84 - WB	Paseo Padre Pkwy	Toll Gate	Fremont	0.54	South	1	6	23.8	F	6	65.2	A	6	69.4	A
H17	SR 92 - WB	Begin of HOV (Hesperian Blvd)	Clawiter	Hayward	1.17	Central	1	6	44.9	D	6	66.3	A	6	66.7	A
H18	SR 92 - WB	Clawiter	Toll Plaza	Alameda County - Hayward	1.88	Central	1	6	34.7	E	6	64.6	A	6	37.8	E
E5	I-680 - NB	Begin of HOV (Auto Mall Pkwy)	Washington Blvd Entry Point	Fremont	1.30	South	1	-	-	-	-	-	-	6	65.8	A
E6	I-680 - NB	Washington Blvd Entry Point	Rt 84	Fremont	5.80	South	1	-	-	-	-	-	-	6	70.1	A
E7	I-580 - EB	Hacienda	Santa Rita	Pleasanton	1.90	East	2	-	76.8	A	-	77.2	A	-	77.2	A
E8	I-580 - EB	Santa Rita	El Charro	Alameda County - Pleasanton	1.25	East	2	-	74.7	A	-	77.2	A	-	77.0	A
E9	I-580 - EB	El Charro	SR 84/Airway Blvd.	Alameda County	1.72	East	2	-	72.7	A	-	74.0	A	-	73.0	A
E10	I-580 - EB	SR 84/Airway Blvd.	Portola	Alameda County	1.73	East	2	-	72.9	A	-	74.1	A	-	73.3	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - AM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
E11	I-580 - EB	Portola	1st St	Livermore	2.56	East	2	-	73.3	A	-	74.4	A	-	74.0	A
E12	I-580 - EB	1st St	Greenville	Livermore - Alameda County	2.13	East	2	-	74.0	A	-	74.3	A	-	73.6	A
E13	I-580 - WB	Greenville	1st St	Livermore - Alameda County	2.13	East	1	-	66.4	A	-	72.5	A	-	65.3	A
E14	I-580 - WB	1st St	Portola	Livermore	2.56	East	1	-	64.0	A	-	72.4	A	-	58.3	B
E15	I-580 - WB	Portola	SR 84/Airway Blvd.	Alameda County	1.73	East	1	-	56.4	B	-	69.9	A	-	47.8	D
E16	I-580 - WB	SR 84/Airway Blvd.	El Charro	Alameda County	1.73	East	1	-	54.0	C	-	68.6	A	-	52.1	C
E17	I-580 - WB	El Charro	Santa Rita/Tassajara	Alameda County - Pleasanton	1.25	East	1	-	66.4	A	-	79.1	A	-	55.9	B
E18	I-580 - WB	Santa Rita/Tassajara	I-680	Pleasanton	2.80	East	1	-	64.9	A	-	74.5	A	-	58.7	B
E1	I-680 - SB	Begin of HOV (Rt 84)	Washington Blvd Entry Point	Alameda County - Fremont	5.76	South	1	6	63.5	A	6	72.0	A	7	66.9	A
E2	I-680 - SB	Washington Blvd Entry Point	Auto Mall Pkwy Exit Point	Fremont	1.32	South	1	6	61.0	A	6	72.4	A	7	65.6	A
E3	I-680 - SB	Auto Mall Pkwy Exit Point	Mission Blvd Entry Point	Fremont	1.06	South	1	6	67.0	A	6	70.7	A	7	64.7	A
E4	I-680 - SB	Mission Blvd Entry Point	Ala border (S of Scott Creek Rd)	Fremont	3.03	South	1	6	69.3	A	6	71.2	A	7	68.1	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - AM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
H19	I-880 - NB	Begin HOV	I-880/I-80 Split (16th Street)	Oakland	0.17	North	1	6	70.6	A	6	62.2	A	6	69.3	A
H20	I-880 - NB	I-880/I-80 Split (16th Street)	Toll Plaza	Oakland	1.42	North	1	6	44.7	D	6	59.4	B	6	52.6	C
H21	I-880 - NB	Begin HOV (W Grand Ave)	I-880/I-80 Merge	Oakland - Emeryville	1.11	North	1	6	58.7	B	6	63.6	A	6	65.7	A
E19	I-880 - NB	SCL County Line	SR 262/Mission (450 ft s/o Warren Ave Overhead Bridge)	Fremont	2.00	South	1	6	62.0	A	6	68.6	A	6	73.2	A
E20	I-880 - NB	SR262/Mission (450 ft s/o Warren Ave Overhead Bridge)	AutoMall Pkwy (Overhead Bridge)	Fremont	2.43	South	1	6	64.8	A	6	69.6	A	6	71.5	A
E21	I-880 - NB	AutoMall Pkwy (Overhead Bridge)	Stevenson Blvd (Overhead Bridge)	Fremont	1.53	South	1	6	58.8	B	6	70.3	A	6	73.9	A
E22	I-880 - NB	Stevenson Blvd (Overhead Bridge)	Decoto (Overhead Bridge)	Fremont	4.06	South	1	6	62.2	A	6	70.3	A	6	74.9	A
E23	I-880 - NB	Decoto (Overhead Bridge)	Alvarado Blvd (Overhead Bridge)	Fremont	1.17	South	1	6	70.2	A	6	68.3	A	6	72.0	A
E24	I-880 - NB	Alvarado Blvd (Overhead Bridge)	Alvarado-Niles Rd (Overhead Bridge)	Fremont- Union City	1.57	South	1	6	59.9	B	6	69.6	A	6	74.0	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - AM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
E25	I-880 - NB	Alvarado-Niles Rd (Overhead Bridge)	Tennyson (Overhead Bridge)	Union City - Hayward	2.60	South	1	6	56.3	B	6	69.8	A	6	68.4	A
E26	I-880 - NB	Tennyson (Overhead Bridge)	SR 92 (Overhead Bridge)	Hayward	1.02	Central	1	6	61.2	A	6	70.6	A	6	68.2	A
E27	I-880 - NB	SR 92 (Overhead Bridge)	A St (Overhead Bridge)	Hayward	1.68	Central	1	6	58.2	B	6	68.0	A	6	70.5	A
E28	I-880 - NB	A St (Overhead Bridge)	End of HOV	Alameda County	0.78	Central	1	6	49.2	C	6	68.2	A	6	70.8	A
E29	I-880 - SB	Marina Blvd (Overhead Bridge)	SR 238 WB (Merge)	San Leandro	2.56	North	1	6	75.8	A	6	80.0	A	6	71.6	A
E30	I-880 - SB	SR 238 WB (Merge)	A St (Overhead Bridge)	San Leandro-Alameda County	1.91	Central	1	6	42.9	D	6	63.9	A	6	55.8	B
E31	I-880 - SB	A St (Overhead Bridge)	Rt 92/Jackson (Overhead Bridge)	Hayward	1.70	Central	1	6	41.0	E	6	65.3	A	6	61.8	A
E32	I-880 - SB	Rt 92/Jackson (Overhead Bridge)	Tennyson (Overhead Bridge)	Hayward	1.01	Central	1	6	35.0	E	6	66.3	A	6	48.2	D
E33	I-880 - SB	Tennyson (Overhead Bridge)	Alvarado-Niles (Overhead Bridge)	Hayward - Union City	2.60	Central	1	6	27.2	F	6	64.3	A	6	37.1	E
E34	I-880 - SB	Alvarado-Niles (Overhead Bridge)	Alvarado (Overhead Bridge)	Union City - Fremont	1.56	Central	1	6	29.0	F	6	65.4	A	6	53.2	C



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

HOV/Express Lanes - AM Peak Period (Floating Car Surveys)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
E35	I-880 - SB	Alvarado (Overhead Bridge)	Decoto (Overhead Bridge)	Fremont	1.19	Central	1	6	32.2	E	6	66.4	A	6	62.7	A
E36	I-880 - SB	Decoto (Overhead Bridge)	Stevenson (Overhead Bridge)	Fremont	4.06	South	1	6	32.8	E	6	65.5	A	6	55.6	B
E37	I-880 - SB	Stevenson (Overhead Bridge)	AutoMall Pkwy (Overhead Bridge)	Fremont	1.52	Central	1	6	49.3	C	6	65.5	A	6	60.1	A
E38	I-880 - SB	AutoMall Pkwy (Overhead Bridge)	Rt 262/Mission (Painted Gore)	Fremont	2.83	Central	1	6	48.8	D	6	68.9	A	6	67.5	A
E39	I-880 - SB	SR 262/Mission (Painted Gore)	SCL County Line	Fremont	1.60	South	1	6	46.7	D	6	66.8	A	6	69.1	A
E40	I-880 - SB	Begin HOV (South of Hegenberger)	SR 112/Davis	Oakland-San Leandro	1.64	North	1	6	60.4	A	6	61.4	A	6	74.0	A
E41	I-880 - SB	SR 112/Davis	Marina Blvd	San Leandro	0.81	North	1	6	64.4	A	6	67.0	A	6	72.3	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Special Segments (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
R1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oakland	0.4	North	2	3,706	25.1	D	720	59.2	A	948	41.3	A
R2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oakland	0.45	North	2	3,706	18.2	F	720	17.3	F	948	15.7	F
R3	SR 24 WB/I-580 WB	SR 24 Off	I-580 On	Oakland	0.77	North	2	6	51.5	N/A	720	62.5	N/A	948	50.1	N/A
R4	I-580/SR 24 Interchange	I-580 WB	SR-24 EB	Oakland	0.53	North	2	3,388	29.6	D	720	58.7	A	948	44.0	A
R5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oakland	0.75	North	2	3,575	14.0	F	720	50.4	A	948	22.4	F
R6	SR13/SR 24 Interchange	SR-13 NB	SR-24 EB	Oakland	0.33	North	1	3,697	13.2	F	720	24.2	D	948	16.3	F
R7	SR13/SR 24 Interchange	SR-24 WB	SR-13 SB	Oakland	0.16	North	1	3,649	19.8	D	720	60.6	A	948	44.5	A
R8	I-880/I-238 Interchange	I-880 SB	I-238 EB	San Leandro	0.75	Central	2	3,230	33.2	C	720	49.3	A	948	39.5	B
R9	I-880/I-238 Interchange	I-238 WB	I-880 NB	San Leandro	0.51	Central	2	3,224	53.6	A	720	53.3	A	948	52.1	A
R10	I-880/I-238 Interchange	I-880 NB	I-238 EB	San Leandro	0.42	Central	2	3,706	28.4	B	720	54.9	A	948	32.8	A
R11	I-880/I-238 Interchange	I-238 WB	I-880 SB	San Leandro	0.81	Central	2	3,706	44.4	B	720	53.8	A	948	41.0	C
R12	I-580 /I-238 Interchange	I-580 SB	I-238 WB	Hayward	0.70	Central	1	3,706	64.6	A	720	69.9	A	948	58.4	A
R13	I-580 /I-238 Interchange	I-238 EB	I-580 NB	Hayward	0.36	Central	1	3,704	65.4	A	493	59.6	A	628	59.1	A
R14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleasanton	0.52	East	1	3,619	33.6	A	720	40.8	A	948	37.5	A
R15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleasanton	0.29	East	1	3,053	39.4	A	720	45.4	A	948	40.8	A



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Special Segments (Tier 1) - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
R16	I-580/I-680 Interchange	I-680 NB	I-580 EB	Pleasanton	0.92	East	2	3,703	47.6	C	720	50.1	C	948	45.1	C
R17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleasanton	0.62	East	1	3,322	37.0	A	720	41.9	A	948	35.5	B
R18	I-580/I-680 Interchange	I-580 WB	I-680 NB	Pleasanton	0.42	East	2	3,700	51.6	A	720	50.7	A	948	45.9	B
R19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleasanton	0.64	East	1	3,677	35.0	B	720	41.2	A	948	32.5	B
R20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleasanton	1.22	East	2	3,695	55.2	B	720	62.7	A	940	59.0	B
R21	I-580/I-680 Interchange	I-680 SB	I-580 WB	Pleasanton	0.44	East	2	3,667	55.7	A	720	59.3	A	948	54.3	A
R22	I-880/SR 260 Connection	I-880 SB	SR-260 WB	Oakland	0.99	North	varies	6	10.0	F	478	11.7	F	6	10.4	F
R23	I-880/SR 260 Connection	SR-260 EB	I-880 NB	Oakland	0.41	North	varies	6	16.3	F	555	23.4	D	6	13.1	F



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Special Segments (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
R1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oakland	0.4	North	2	3,706	46.3	A	720	68.3	A	960	62.4	A
R2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oakland	0.45	North	2	3,706	40.9	A	720	47.5	A	960	35.0	B
R3	SR 24 WB/I-580 WB	SR 24 off	I-580 on	Oakland	0.77	North	2	6	47.2	N/A	720	64.8	N/A	960	28.3	N/A
R4	I-580/SR 24 Interchange	I-580 WB	SR-24 EB	Oakland	0.53	North	2	3,152	53.0	A	720	62.2	A	960	58.6	A
R5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oakland	0.75	North	2	3,115	48.5	A	713	61.7	A	960	50.4	A
R6	SR13/SR 24 Interchange	SR-13 NB	SR-24 EB	Oakland	0.33	North	1	3,591	44.8	A	720	63.0	A	960	55.9	A
R7	SR13/SR 24 Interchange	SR-24 WB	SR-13 SB	Oakland	0.16	North	1	3,484	38.1	A	720	67.6	A	960	53.8	A
R8	I-880/I-238 Interchange	I-880 SB	I-238 EB	San Leandro	0.75	Central	2	3,705	49.4	A	720	54.7	A	960	44.9	A
R9	I-880/I-238 Interchange	I-238 WB	I-880 NB	San Leandro	0.51	Central	2	3,706	11.1	F	720	39.5	C	960	17.0	F
R10	I-880/I-238 Interchange	I-880 NB	I-238 EB	San Leandro	0.42	Central	2	3,706	46.5	A	720	57.3	A	960	43.2	A
R11	I-880/I-238 Interchange	I-238 WB	I-880 SB	San Leandro	0.81	Central	2	3,706	37.2	C	720	45.1	B	960	26.8	E
R12	I-580 /I-238 Interchange	I-580 SB	I-238 WB	Hayward	0.70	Central	1	3,706	45.3	A	720	71.3	A	960	68.1	A
R13	I-580 /I-238 Interchange	I-238 EB	I-580 NB	Hayward	0.36	Central	1	3,706	65.2	A	556	59.8	A	665	59.6	A
R14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleasanton	0.52	East	1	3,686	38.9	A	720	45.6	A	960	38.9	A
R15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleasanton	0.29	East	1	3,505	22.1	E	720	50.6	A	960	28.3	D



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Special Segments (Tier 1) - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
R16	I-580/I-680 Interchange	I-680 NB	I-580 EB	Pleasanton	0.92	East	2	3,699	56.6	B	720	56.7	B	960	56.4	B
R17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleasanton	0.62	East	1	3,226	35.9	B	720	40.6	A	960	31.7	C
R18	I-580/I-680 Interchange	I-580 WB	I-680 NB	Pleasanton	0.42	East	2	3,706	49.3	A	720	47.2	A	960	40.2	C
R19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleasanton	0.64	East	1	3,689	12.7	F	720	35.6	A	960	18.6	F
R20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleasanton	1.22	East	2	3,702	61.3	A	720	68.2	A	960	66.6	A
R21	I-580/I-680 Interchange	I-680 SB	I-580 WB	Pleasanton	0.44	East	2	3,699	56.1	A	720	61.1	A	960	58.8	A
R22	I-880/SR 260 Connection	I-880 SB	SR-260 WB	Oakland	0.99	North	varies	6	15.4	F	209	15.9	F	6	11.7	F
R23	I-880/SR 260 Connection	SR-260 EB	I-880 NB	Oakland	0.41	North	varies	6	15.7	F	398	22.8	D	6	4.3	F



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Bridges - PM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F151	SR 92 - WB	San M CL	Foster City Boulevard	San Mateo County	4.97	Central	3	1,311	68.6	A	720	67.8	A	948	65.1	A
F152	SR 92 - EB	Foster City Boulevard	San M CL	San Mateo County	4.97	Central	3	1,311	35.3	E	696	54.6	C	948	43.5	D
F153	SR 84 - WB	San M CL	Ravenswood Slough	San Mateo County	1.31	South	3	3,680	62.9	A	720	60.7	A	948	63.1	A
F154	SR 84 - EB	Ravenswood Slough	San M CL	San Mateo County	1.31	South	3	3,706	48.2	D	720	57.2	B	948	51.8	C
F155	I-80 - WB	SF County Line	Fremont St Off Ramp	San Francisco County	3.32	North	5	3,467	19.3	(F20)	720	53.7	C	948	24.2	(F30)
F156	I-80 - EB	Bryant St On Ramp	SF County Line	San Francisco County	3.29	North	5	3,551	38.1	E	672	40.0	E	948	30.1	E



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Bridges - AM Peak Period (INRIX Data)								2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	#Lanes	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
F151	SR 92 - WB	San M CL	Foster City Boulevard	San Mateo County	4.97	Central	3	1,313	41.2	D	720	58.6	B	960	42.5	D
F152	SR 92 - EB	Foster City Boulevard	San M CL	San Mateo County	4.97	Central	3	1,313	68.9	A	720	66.3	A	960	65.9	A
F153	SR 84 - WB	San M CL	Ravenswood Slough	San Mateo County	1.31	South	3	3,706	28.6	(F30)	720	58.8	B	960	56.2	B
F154	SR 84 - EB	Ravenswood Slough	San M CL	San Mateo County	1.31	South	3	3,692	61.9	A	720	62.6	A	960	63.4	A
F155	I-80 - WB	SF County Line	Fremont St Off Ramp	San Francisco County	3.32	North	5	3,466	41.8	D	720	43.7	D	960	31.2	E
F156	I-80 - EB	Bryant St On Ramp	SF County Line	San Francisco County	3.29	North	5	3,586	57.7	B	672	60.3	A	960	51.5	C



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A1	150th St - EB	Hesperian	I-580	San Leandro	0.49	II	Central	2	INRIX	1198	12.7	E	INRIX	720	17.4	D	INRIX	720	19	C
A2	150th St - WB	I-580	Hesperian	San Leandro	0.49	II	Central	2	INRIX	68	15.6	D	INRIX	716	17.3	D	INRIX	716	19.1	C
A3	A Street - EB	I-880	Western	Hayward	1.08	II	Central	2	INRIX	1,529	20.8	C	INRIX	720	19.3	C	INRIX	720	23.2	C
A4	A Street - EB	Western	SR 185 (previously SR 238)	Hayward	0.31	III	Central	2	INRIX	2,477	10.8	D	INRIX	720	20.8	B	INRIX	720	12.8	B
A5	A Street - WB	SR 238	Western	Hayward	0.54	III	Central	2	INRIX	2,381	14.1	C	INRIX	720	15.9	C	INRIX	720	15.1	C
A6	A Street - WB	Western	I-880	Hayward	1.07	II	Central	2	INRIX	1,338	17.9	D	INRIX	720	19.4	C	INRIX	720	20.5	C
A7	Atlantic - EB	Main	Webster	Alameda	0.81	II	North	2	Floating Car	6	19.2	C	INRIX	719	21.6	C	INRIX	719	21.0	C
A8	Atlantic - WB	Webster	Main	Alameda	0.81	II	North	2	Floating Car	6	25.9	B	INRIX	720	22.7	C	INRIX	720	23.3	C
A9	Hegenberger - EB	SR 61	Edgewater	Oakland	0.77	I	North	3	INRIX	1,608	21.7	D	INRIX	702	25.2	C	INRIX	702	21.6	D
A10	Hegenberger - EB	Edgewater	Baldwin	Oakland	0.73	I	North	3	INRIX	3,344	24.8	C	INRIX	720	26.1	C	INRIX	720	25.8	C
A11	Hegenberger - EB	Baldwin	E 14th	Oakland	1.02	I	North	3	INRIX	2,319	24.4	C	INRIX	720	27.7	C	INRIX	720	31.5	B
A12	Hegenberger - WB	E 14th	Baldwin	Oakland	1.02	I	North	3	INRIX	2,273	31.0	B	INRIX	720	29.7	B	INRIX	720	44.3	A
A13	Hegenberger - WB	Baldwin	Edgewater	Oakland	0.72	I	North	3	INRIX	2,954	24.4	C	INRIX	720	28.1	B	INRIX	720	25.4	C
A14	Hegenberger - WB	Edgewater	SR 61	Oakland	0.77	I	North	3	INRIX	2,430	23.9	C	INRIX	713	24.3	C	INRIX	713	24.6	C
A15	Hesperian - NB	Tennyson	SH 92 - WB	Hayward	0.49	I	Central	3	INRIX	2,421	15.0	E	INRIX	720	26.9	C	INRIX	720	24.9	C

LOS is presented as calculated using the 1985/2000 HCM standards



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A16	Hesperian - NB	SH 92	La Playa	Hayward	0.78	II	Central	3	INRIX	2,461	14.8	D	INRIX	720	26.1	B	INRIX	720	28.6	B
A17	Hesperian - NB	La Playa	W.Winton Ave.	Hayward	0.43	II	Central	3	INRIX	3,532	14.4	D	INRIX	720	25.7	B	INRIX	720	13.5	E
A18	Hesperian - NB	W.Winton Ave	A St	Hayward	0.97	II	Central	3	INRIX	3,619	20.6	C	INRIX	720	24.8	B	INRIX	720	19.2	C
A19	Hesperian - NB	A St	Hacienda	Alameda County	0.67	II	Central	3	INRIX	3,038	18.4	C	INRIX	720	18.7	C	INRIX	720	17.4	D
A20	Hesperian - NB	Hacienda	Grant	Alameda County	0.66	II	Central	3	INRIX	3,490	19.7	C	INRIX	720	17.6	D	INRIX	720	19.1	C
A21	Hesperian - NB	Grant	Llewelling	Alameda County	0.27	II	Central	3	INRIX	3,120	11.2	E	INRIX	720	16.6	D	INRIX	720	14.5	D
A22	Hesperian - NB	Llewelling	Springlake	Alameda County	0.39	II	Central	3	INRIX	2,604	15.0	D	INRIX	720	17.2	D	INRIX	720	22.0	C
A23	Hesperian - NB	Springlake	Fairmont	San Leandro	0.66	II	Central	3	INRIX	3,271	15.7	D	INRIX	720	16.8	D	INRIX	720	19.2	C
A24	Hesperian - NB	Fairmont	14th	San Leandro	0.31	II	Central	2	INRIX	361	13.9	E	INRIX	634	16.5	D	INRIX	634	17.8	D
A25	Hesperian - SB	14th	Fairmont	San Leandro	0.31	II	Central	2	INRIX	220	16.1	D	INRIX	632	16.6	D	INRIX	632	18.4	C
A26	Hesperian - SB	Fairmont	Springlake	San Leandro	0.66	II	Central	3	INRIX	1,759	18.3	C	INRIX	720	16.9	D	INRIX	720	19.9	C
A27	Hesperian - SB	Springlake	Llewelling	Alameda County	0.39	II	Central	3	INRIX	2,903	12.4	E	INRIX	720	17.7	D	INRIX	720	15.6	D
A28	Hesperian - SB	Llewelling	Grant	Alameda County	0.27	II	Central	3	INRIX	3,118	12.6	E	INRIX	720	17.8	D	INRIX	720	16.2	D
A29	Hesperian - SB	Grant	Hacienda	Alameda County	0.66	II	Central	3	INRIX	3,363	21.0	C	INRIX	720	18.8	C	INRIX	720	22.7	C
A30	Hesperian - SB	Hacienda	A St	Alameda County	0.67	II	Central	3	INRIX	3,028	18.0	C	INRIX	720	20.6	C	INRIX	720	19.5	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A31	Hesperian - SB	A St	W.Winton Ave.	Hayward	0.97	II	Central	3	INRIX	2,055	21.8	C	INRIX	720	28.9	B	INRIX	720	27.9	B
A32	Hesperian - SB	W.Winton Ave	La Playa	Hayward	0.43	II	Central	3	INRIX	2,932	19.9	C	INRIX	720	29.5	B	INRIX	720	25.4	B
A33	Hesperian - SB	La Playa	SH 92	Hayward	0.78	II	Central	3	INRIX	1,853	19.4	C	INRIX	720	30.3	A	INRIX	720	31.3	A
A34	Hesperian - SB	SH 92 - WB	Tennyson	Hayward	0.49	I	Central	3	INRIX	1,331	16.8	E	INRIX	720	31.1	B	INRIX	720	26.5	C
A35	Mowry - EB	I-880	Farwell	Fremont	0.28	II	South	3	Floating Car	6	26.3	B	INRIX	720	24.0	B	INRIX	720	21.6	C
A36	Mowry - EB	Farwell	SH 84	Fremont	2.48	II	South	3	Floating Car	6	20.3	C	INRIX	720	23.3	C	INRIX	720	24.9	B
A37	Mowry - WB	SH 84	Farwell	Fremont	2.53	II	South	3	Floating Car	6	21.8	C	INRIX	720	25.3	B	INRIX	720	26.5	B
A38	Mowry - WB	Farwell	I-880	Fremont	0.28	II	South	3	Floating Car	6	34.1	A	INRIX	720	22.4	C	INRIX	720	26.0	B
A39	Park/23rd - EB	Encinal	Santa Clara	Alameda	0.23	III	North	2	INRIX	2,974	9.0	D	INRIX	720	13.5	C	INRIX	720	10.2	C
A40	Park/23rd - EB	Santa Clara	Kennedy	Alameda	0.68	III	North	2	INRIX	2,676	10.7	D	INRIX	49	11.2	D	INRIX	49	12.0	D
A41	Park/23rd - EB	Kennedy	E 11th	Oakland	0.45	II	North	2	INRIX	2,205	20.1	C	INRIX	720	23.4	C	INRIX	720	24.1	B
A42	Park/23rd - WB	E 11th	Kennedy	Oakland	0.45	II	North	2	INRIX	54	17.7	D	INRIX	715	18.0	D	INRIX	715	19.7	C
A43	Park/23rd - WB	Kennedy	Santa Clara	Alameda	0.74	III	North	2	INRIX	244	11.7	D	INRIX	720	13.3	C	INRIX	720	12.0	C
A44	Park/23rd - WB	Santa Clara	Encinal	Alameda	0.23	III	North	2	INRIX	2,629	9.1	D	INRIX	720	13.1	C	INRIX	720	10.3	C
A45	MLK Jr Way - NB	SH 24	Adeline	Oakland	1.48	II	North	3	Floating Car	6	14.9	D	INRIX	720	25.8	B	INRIX	720	21.2	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berkeley	0.28	II	North	3	INRIX	2,530	12.4	E	INRIX	720	15.7	D	INRIX	720	14.8	D
A47	Adeline - NB	MLK Jr - North	Shattuck/Adeline	Berkeley	0.61	II	North	3	INRIX	2,455	16.6	D	INRIX	712	18.5	C	INRIX	712	17.9	D
A48	Shattuck NB	Shattuck/Adeline	Dwight	Berkeley	0.31	II	North	2	INRIX	2,739	13.9	E	INRIX	715	14.6	D	INRIX	715	12.7	E
A49	Shattuck NB	Dwight	University	Berkeley	0.57	III	North	2	INRIX	2,991	12.1	D	INRIX	2	14.0	C	INRIX	2	11.1	C
A50	Shattuck SB	University	Dwight	Berkeley	0.57	III	North	2	INRIX	3,081	11.6	D	INRIX	58	11.7	D	INRIX	58	9.7	D
A51	Shattuck SB	Dwight	Shattuck/Adeline	Berkeley	0.30	II	North	2	INRIX	3,508	16.2	D	INRIX	720	14.5	D	INRIX	720	13.2	E
A52	Adeline - SB	Shattuck/Adeline	MLK Jr - North	Berkeley	0.61	II	North	3	INRIX	2,676	17.1	D	INRIX	686	18.7	C	INRIX	686	19.2	C
A53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berkeley	0.29	II	North	3	INRIX	2,832	12.7	E	INRIX	5	18.1	C	INRIX	5	12.2	E
A54	MLK Jr Way - SB	Adeline	SH 24	Oakland	1.39	II	North	3	Floating Car	6	16.8	D	INRIX	720	27.7	B	INRIX	720	25.0	B
A55	Tennyson - EB	Hesperian	I-880	Hayward	0.86	I	Central	2	INRIX	1,889	18.3	D	INRIX	605	24.4	C	INRIX	605	21.2	D
A56	Tennyson - EB	I-880 NB	Rt 238	Hayward	1.54	II	Central	2	INRIX	1,990	18.1	C	INRIX	720	18.4	C	INRIX	720	18.6	C
A57	Tennyson - WB	Rt 238	I-880	Hayward	1.54	II	Central	2	INRIX	1,646	18.2	C	INRIX	720	17.8	D	INRIX	720	18.9	C
A58	Tennyson - WB	I-880	Hesperian	Hayward	0.86	I	Central	2	INRIX	2,338	19.0	D	INRIX	601	25.2	C	INRIX	601	25.2	C
A59	University - EB	I-80 SB	6th	Berkeley	0.40	II	North	2	INRIX	2,758	19.1	C	INRIX	655	22.4	C	INRIX	655	24.7	B
A60	University - EB	6th	San Pablo	Berkeley	0.32	II	North	2	INRIX	3,413	11.7	E	INRIX	720	16.0	D	INRIX	720	15.0	D
A61	University - EB	San Pablo	Sacramento	Berkeley	0.56	II	North	2	INRIX	2,781	17.0	D	INRIX	720	16.1	D	INRIX	720	16.0	D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A62	University - EB	Sacramento	ML King	Berkeley	0.49	II	North	2	INRIX	3,172	18.1	C	INRIX	720	17.1	D	INRIX	720	17.5	D
A63	University - EB	ML King	Shattuck Pl	Berkeley	0.29	III	North	2	INRIX	2,217	12.9	D	INRIX	716	15.1	C	INRIX	716	12.3	C
A64	University - WB	Shattuck Pl	ML King	Berkeley	0.29	III	North	2	INRIX	1,830	11.5	D	INRIX	511	15.9	C	INRIX	511	13.6	C
A65	University - WB	ML King	Sacramento	Berkeley	0.49	II	North	2	INRIX	3,369	18.6	C	INRIX	720	17.8	D	INRIX	720	16.8	D
A66	University - WB	Sacramento	San Pablo	Berkeley	0.56	II	North	2	INRIX	3,564	12.9	E	INRIX	720	15.6	D	INRIX	720	15.1	D
A67	University - WB	San Pablo	6th	Berkeley	0.32	II	North	2	INRIX	3,442	12.3	E	INRIX	720	13.7	E	INRIX	720	14.8	D
A68	University - WB	6th	I-80 SB	Berkeley	0.40	II	North	2	INRIX	2,906	26.1	B	INRIX	715	24.6	B	INRIX	715	28.9	B
A69	SR 13 Ashby - WB	Hillier	Domingo	Oakland - Berkeley	0.81	II	North	1	INRIX	2,779	20.5	C	INRIX	720	23.2	C	INRIX	720	20.7	C
A70	SR 13 Ashby - WB	Domingo	College	Berkeley	0.52	III	North	2	INRIX	1,784	20.8	B	INRIX	720	18.3	C	INRIX	720	18.1	C
A71	SR 13 Ashby - WB	College	Telegraph	Berkeley	0.37	III	North	2	INRIX	3,612	10.5	D	INRIX	720	17.4	C	INRIX	720	14.4	C
A72	SR 13 Ashby - WB	Telegraph	Shattuck	Berkeley	0.38	III	North	2	INRIX	3,612	10.5	D	INRIX	720	17.0	C	INRIX	720	14.3	C
A73	SR 13 Ashby - WB	Shattuck	ML King	Berkeley	0.26	III	North	2	INRIX	2,538	13.5	C	INRIX	720	15.2	C	INRIX	720	15.1	C
A74	SR 13 Ashby - WB	ML King	San Pablo	Berkeley	0.86	III	North	2	INRIX	3,434	13.8	C	INRIX	720	16.0	C	INRIX	720	14.4	C
A75	SR 13 Ashby - WB	San Pablo	I-80 Ramps	Berkeley	0.64	II	North	2	INRIX	3,374	21.7	C	INRIX	720	20.4	C	INRIX	720	23.9	C
A76	SR 13 Ashby - EB	I-80	San Pablo	Berkeley	0.62	II	North	2	INRIX	3,281	16.4	D	INRIX	720	21.7	C	INRIX	720	23.3	C



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Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A77	SR 13 Ashby - EB	San Pablo	ML King	Berkeley	0.86	III	North	2	INRIX	3,441	17.7	C	INRIX	720	20.5	B	INRIX	720	19.2	B
A78	SR 13 Ashby - EB	ML King	Shattuck	Berkeley	0.26	III	North	2	INRIX	2,827	11.3	D	INRIX	720	16.4	C	INRIX	720	13.6	C
A79	SR 13 Ashby - EB	Shattuck	Telegraph	Berkeley	0.38	III	North	2	INRIX	3,612	10.5	D	INRIX	720	15.7	C	INRIX	720	16.6	C
A80	SR 13 Ashby - EB	Telegraph	College	Berkeley	0.37	III	North	2	INRIX	3,612	10.5	D	INRIX	720	15.3	C	INRIX	720	10.0	C
A81	SR 13 Ashby - EB	College	Domingo	Berkeley	0.52	III	North	2	INRIX	3,408	27.7	A	INRIX	720	11.6	D	INRIX	720	10.2	D
A82	SR 13 Ashby - EB	Domingo	Hiller	Berkeley - Oakland	0.81	II	North	1	INRIX	3,408	27.7	B	INRIX	720	25.9	B	INRIX	720	21.0	C
A83	SR 61 - SB	Atlantic	Cent/ Webster	Alameda	0.57	III	North	2	INRIX	2,345	13.1	C	INRIX	720	14.0	C	INRIX	720	12.1	C
A84	SR 61 - SB	Cent/ Webster	Sher/Encino	Alameda	0.74	II	North	2	INRIX	2,096	19.3	C	INRIX	706	18.8	C	INRIX	706	19.6	C
A85	SR 61 - SB	Sher/Encino	Park	Alameda	1.20	II	North	2	INRIX	2,227	19.1	C	INRIX	711	18.6	C	INRIX	711	18.8	C
A86	SR 61 - SB	Park	High/Otis	Alameda	1.05	II	North	2	INRIX	1,065	19.9	C	INRIX	720	18.8	C	INRIX	720	19.3	C
A91	SR 61 (Doolittle) - NB	Davis	Airport	Alameda	0.94	I	Central	2	INRIX	3,433	28.6	B	INRIX	720	29.9	B	INRIX	720	30.3	B
A93	SR 61 (Doolittle) - NB	Harbor Bay	Island Dr	Alameda	0.51	I	North	2	INRIX	2,771	25.6	C	INRIX	720	35.5	A	INRIX	720	38.2	A
A89	SR 61 - SB	Harbor Bay	Airport Dr	Oakland	2.17	I	North	2	INRIX	2,022	33.1	B	INRIX	720	37.1	A	INRIX	720	36.4	A
A94	SR 61 (Doolittle) - NB	Island Dr	High/Otis	Oakland - San Leandro	0.44	II	North	2	INRIX	2,970	19.5	C	INRIX	720	19.5	C	INRIX	720	19.0	C

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Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A87	SR 61 (Doolittle) - SB	High	Island Dr	San Leandro - Oakland	0.44	II	North	2	INRIX	2,835	22.2	C	INRIX	720	22.0	C	INRIX	720	21.6	C
A92	SR 61 - NB	Airport Dr	Harbor Bay	Oakland	2.17	I	North	2	INRIX	2,733	36.9	A	INRIX	720	38.6	A	INRIX	720	38.0	A
A88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay Pkwy	Alameda	0.51	I	North	2	INRIX	2,298	28.9	B	INRIX	720	34.2	B	INRIX	720	34.1	B
A90	SR 61 (Doolittle) - SB	Airport	Davis	Alameda	0.94	I	North	2	INRIX	2,260	24.0	C	INRIX	720	29.7	B	INRIX	720	30.2	B
A95	SR 61 - NB	High/Otis	Park	Alameda	1.05	II	North	2	INRIX	1,150	19.3	C	INRIX	715	18.3	C	INRIX	715	16.9	D
A96	SR 61 - NB	Park/Encinal	Sher/Cent	Alameda	1.20	II	North	2	INRIX	1,806	19.3	C	INRIX	720	18.9	C	INRIX	720	19.8	C
A97	SR 61 - NB	Sher/Cent	Web/Cent	Alameda	0.74	II	North	2	INRIX	1,552	19.0	C	INRIX	720	18.5	C	INRIX	720	20.1	C
A98	SR 61 - NB	Cent/Web	Atlantic	Alameda	0.57	III	North	2	INRIX	1,405	14.0	C	INRIX	720	17.1	C	INRIX	720	13.7	C
A99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oakland	0.36	I	North	2	INRIX	644	21.7	D	INRIX	658	20.0	D	INRIX	658	26.3	C
A100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oakland	0.36	I	North	2	INRIX	1,191	22.9	C	INRIX	703	18.7	D	INRIX	703	25.7	C
A101	Decoto - WB	SH 238/ Mission	Union Square	Union City	0.86	II	South	2	INRIX	3,277	19.9	C	INRIX	720	22.8	C	INRIX	720	24.2	B
A102	Decoto - WB	Union Square	Alv-Niles Rd	Union City	0.24	II	South	2	INRIX	2,587	19.0	C	INRIX	720	22.6	C	INRIX	720	16.9	D
A103	Decoto - WB	Alv-Niles Rd	Fremont CL	Union City	0.65	II	South	2	INRIX	2,607	23.4	C	INRIX	720	23.5	C	INRIX	720	23.1	C
A104	Decoto - WB	Fremont CL	I-880 NB (off)	Fremont	1.15	II	South	2	INRIX	2,712	25.1	B	INRIX	720	26.3	B	INRIX	720	28.6	B
A105	Decoto - EB	I-880 NB (off)	Union City CL	Fremont	1.15	II	South	2	INRIX	3,612	20.4	C	INRIX	720	22.6	C	INRIX	720	21.8	C

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Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A106	Decoto - EB	Union City CL	Alv-Niles Rd	Union City	0.66	II	South	2	INRIX	3,088	19.9	C	INRIX	720	20.4	C	INRIX	720	16.2	D
A107	Decoto - EB	Alv-Niles Rd	Union Square	Union City	0.24	II	South	2	INRIX	3,605	20.7	C	INRIX	720	21.8	C	INRIX	720	18.2	C
A108	Decoto - EB	Union Square	SH 238/ Mission	Union City	0.85	II	South	2	INRIX	928	20.6	C	INRIX	720	25.1	B	INRIX	720	22.8	C
A109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fremont	0.81	I	South	2	INRIX	2,814	30.6	B	INRIX	720	31.5	B	INRIX	720	31.2	B
A110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fremont	1.66	I	South	1	INRIX	948	28.1	B	INRIX	720	30.9	B	INRIX	720	30.5	B
A111	SR 84/ Fremont(Fre)-WB	Peralta	Thornton	Fremont	0.33	II	South	2	INRIX	3,238	14.8	D	INRIX	720	17.6	D	INRIX	720	16.9	D
A112	SR 84/	Fremont	I-880 SB	Fremont	1.26	II	South	3	INRIX	2,976	23.5	C	INRIX	720	23.8	C	INRIX	720	24.1	B
A113	SR 84/ Thornton (Fre)-EB	I-880 SB	Fremont	Fremont	1.26	II	South	3	INRIX	3,636	18.3	C	INRIX	720	23.2	C	INRIX	720	22.6	C
A114	SR 84/ Fremont (Fre)-EB	Thornton	Peralta	Fremont	0.32	II	South	2	INRIX	2,568	17.7	D	INRIX	720	18.5	C	INRIX	720	19.1	C
A115	SR 84/Peralta (Fre) - EB	Fremont	Mowry	Fremont	1.64	I	South	1	INRIX	2,042	27.1	C	INRIX	720	29.6	B	INRIX	720	30.4	B
A116	SR 84/Mowry (Fre) - EB	Peralta	SH 238	Fremont	0.86	I	South	2	INRIX	3,509	15.5	E	INRIX	720	23.8	C	INRIX	720	17.0	E
A117	1st Street - SB	I-580 Off	N Mines	Livermore	0.60	I	East	3	INRIX	2,063	22.8	C	INRIX	720	28.4	B	INRIX	720	26.6	C
A118	1st Street - SB	N Mines	Inman	Livermore	1.06	I	East	2	INRIX	2,548	21.2	D	INRIX	720	27.9	C	INRIX	720	32.4	B
A119	1st Street - NB	Inman	N Mines	Livermore	1.06	I	East	2	INRIX	3,525	20.9	D	INRIX	720	30.6	B	INRIX	720	30.1	B

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A120	1st Street - NB	N Mines	I-580 Off	Livermore	0.60	I	East	3	INRIX	3,152	21.2	D	INRIX	720	23.8	C	INRIX	720	25.1	C
A121	SR 84 - EB	SR 238/ Mission	Union City Limit	Fremont	1.35	I	South	1	INRIX	3,558	25.0	E	INRIX	720	43.8	A	INRIX	720	41.4	A
A122	SR 84 - EB	Union City Limit	Palomares	Fremont	0.86	I	South	1	INRIX	3,535	30.0	D	INRIX	720	39.4	B	INRIX	720	35.6	B
A123	SR 84 - EB	Palomares	Niles Cnyn Quarry	Fremont	2.16	I	South	1	INRIX	3,538	27.0	D	INRIX	720	41.0	A	INRIX	720	37.8	B
A124	SR 84 - EB	Niles Cnyn Quarry	Sunol Rd	Fremont	1.74	I	South	1	INRIX	3,589	23.9	E	INRIX	720	35.8	C	INRIX	720	34.9	C
A125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fremont	0.55	I	South	1	INRIX	3,423	9.4	F	INRIX	720	25.0	A	INRIX	720	9.2	F
A126	SR 84 - EB	Ple-Sunol Rd	SR 84 (Off)/I-680	Alameda County	0.80	I	East	1	INRIX	3,435	24.6	E	INRIX	380	27.1	D	INRIX	380	31.7	C
A127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ln	Alameda County	1.05	I	East	1	INRIX	3,694	13.4	F	INRIX	715	22.9	F	INRIX	715	12.0	F
A128	SR 84 - EB	Vallecitos Ln	Vallecitos Nuc.Cntr	Alameda County	1.13	I	East	1	INRIX	3,643	29.6	E	INRIX	720	22.5	F	INRIX	720	23.3	F
A129	SR 84 - EB	Vallecitos Nuc.Center Ent.	Culvert (Lat/Long: 37.613854,-121.817224)	Alameda County	1.66	I	East	1	INRIX	3,611	48.9	B	INRIX	720	45.1	C	INRIX	720	45.6	C
A130	SR 84 - EB	Culvert (Lat/Long: 37.613854,-121.817224)	Ruby Hill / Kaithoff	Alameda County	1.63	I	East	2	INRIX	3,563	55.7	A	INRIX	720	59.5	A	INRIX	720	61.5	A
A131	SR 84 - EB	Ruby Hill./ Kaithoff	Isabel/ Vallecitos	Livermore	0.38	I	East	1	INRIX	3,401	42.1	A	INRIX	720	54.5	A	INRIX	720	50.0	A
A132	SR 84 (Liv) - NB	Isabel/ Vallecitos	Vineyard	Livermore	1.12	I	East	1	INRIX	3,434	40.7	A	INRIX	720	50.4	A	INRIX	720	51.4	A

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A133	SR 84 (Liv) - NB	Vineyard	Concannon	Livermore	0.60	I	East	1	INRIX	3,389	31.3	B	INRIX	720	43.4	A	INRIX	720	43.2	A
A134	SR 84 (Liv) - NB	Concannon	Stanley	Livermore	1.05	I	East	1	INRIX	3,269	43.3	A	INRIX	720	44.9	A	INRIX	720	48.4	A
A135	SR 84 (Liv) - NB	Stanley	W. Jack London Blvd.	Livermore	0.90	I	East	1	INRIX	3,473	38.3	A	INRIX	720	39.0	A	INRIX	720	41.7	A
A136	SR 84 (Liv) - NB	W. Jack London Blvd.	Airway/Kitty Hawk	Livermore	0.49	I	East	3	INRIX	3,627	21.9	D	INRIX	720	32.5	B	INRIX	720	30.1	B
A137	Airway Blvd (old SR 84) - NB	SR 84	I-580 EB off ramp	Livermore	1.06	I	East	1	INRIX	1,510	33.0	B	INRIX	716	35.7	A	INRIX	716	32.5	B
A138	Airway Blvd (old SR 84) - SB	I-580 EB off ramp	SR 84	Livermore	1.06	I	East	1	INRIX	864	31.5	B	INRIX	452	34.8	B	INRIX	452	34.7	B
A139	SR 84 (Liv) - SB	Airway/Kitty	W. Jack London Blvd.	Livermore	0.49	I	East	3	INRIX	3,600	31.1	B	INRIX	720	31.2	B	INRIX	720	34.5	B
A140	SR 84 (Liv) - SB	W. Jack London Blvd.	Stanley	Livermore	0.90	I	East	1	INRIX	3,510	46.3	A	INRIX	720	41.5	A	INRIX	720	44.8	A
A141	SR 84 (Liv) - SB	Stanley	Concannon	Livermore	1.05	I	East	1	INRIX	3,371	37.7	A	INRIX	720	46.7	A	INRIX	720	49.0	A
A142	SR 84 (Liv) - SB	Concannon	Vineyard	Livermore	0.60	I	East	1	INRIX	3,393	24.2	C	INRIX	720	47.8	A	INRIX	720	45.1	A
A143	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Livermore	1.12	I	East	1	INRIX	2,917	36.6	A	INRIX	720	52.7	A	INRIX	720	54.9	A
A144	SR 84 - WB	Isabel/Vallecitos	Ruby Hill / Kaithoff	Livermore	0.38	I	East	1	INRIX	3,330	38.7	A	INRIX	720	51.8	A	INRIX	720	47.8	A
A145	SR 84 - WB	Ruby Hill / Kaithoff	Culvert (Lat/Long: 37.613854,-121.817224)	Alameda County	1.63	I	East	2	INRIX	3,151	55.2	A	INRIX	720	56.1	A	INRIX	720	50.9	A

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A146	SR 84 - WB	Culvert (Lat/Long: 37.613854,-121.817224)	Vallecitos Nuc.Cntr	Alameda County	1.65	I	East	1	INRIX	3,275	56.6	A	INRIX	720	56.4	A	INRIX	720	35.9	D
A147	SR 84 - WB	Vallecitos Nuc.Cntr	Vallecitos Ln	Alameda County	1.14	I	South	1	INRIX	3,267	55.0	A	INRIX	720	53.0	A	INRIX	720	41.4	C
A148	SR 84 - WB	Vallecitos Ln	SR 84/I-680 On	Alameda County	0.86	I	South	1	INRIX	1,482	53.7	A	INRIX	704	57.9	A	INRIX	704	44.8	B
A149	SR 84 - WB	SR 84/I-680 On	Ple-Sunol Rd	Alameda County	0.62	I	South	1	INRIX	2,025	35.9	B	INRIX	716	26.0	D	INRIX	716	37.0	B
A150	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fremont	0.55	I	South	1	INRIX	2,126	41.9	A	INRIX	715	44.3	A	INRIX	715	46.3	A
A151	SR 84 - WB	Sunol Rd	Niles Canyon Quarry	Fremont	1.74	I	South	1	INRIX	2,218	46.9	A	INRIX	715	47.7	A	INRIX	715	47.5	A
A152	SR 84 - WB	Niles Canyon Quarry	Eastern Fremont City Limit	Fremont	1.00	I	South	1	INRIX	2,215	44.1	A	INRIX	715	47.4	A	INRIX	715	47.0	A
A153	SR 84 - WB	Eastern Fremont City Limit	Union City Limit	Fremont	2.03	I	South	1	INRIX	2,211	41.6	A	INRIX	716	40.8	A	INRIX	716	36.5	B
A154	SR 84 - WB	Union City Limit	SR 238	Fremont	1.35	I	South	1	INRIX	2,194	35.7	A	INRIX	716	41.2	A	INRIX	716	39.5	A
A155	SR 92 - EB	I-880	Mission	Hayward	1.71	II	Central	3	INRIX	3,663	16.1	D	INRIX	720	17.7	D	INRIX	720	15.8	D
A156	SR 92 - WB	Mission	I-880	Hayward	1.71	II	Central	3	INRIX	2,599	20.8	C	INRIX	716	23.1	C	INRIX	716	24.5	B
A157	SR 112 (Davis) - EB	Doolittle	I-880	San Leandro	0.52	II	Central	2	INRIX	3,087	14.2	D	INRIX	715	15.0	D	INRIX	715	17.0	D
A158	SR 112 (Davis) - EB	I-880	San Leandro	San Leandro	0.99	II	Central	2	INRIX	3,049	13.1	E	INRIX	720	16.3	D	INRIX	720	17.4	D
A159	SR 112 (Davis) - EB	San Leandro	14th	San Leandro	0.28	III	Central	2	INRIX	2,684	13.1	C	INRIX	719	15.1	C	INRIX	719	15.0	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A160	SR 112 (Davis) - WB	E 14th	San Leandro	San Leandro	0.28	III	Central	2	INRIX	2,019	12.0	D	INRIX	720	17.7	C	INRIX	720	14.5	C
A161	SR 112 (Davis) - WB	San Leandro	I-880	San Leandro	0.99	II	Central	2	INRIX	3,117	15.2	D	INRIX	27	17.1	D	INRIX	27	19.4	C
A162	SR 112 (Davis) - WB	I-880	Doolittle	San Leandro	0.52	II	Central	2	INRIX	3,435	15.2	D	INRIX	720	18.7	C	INRIX	720	23.1	C
A163	SR 123 San Pablo - SB	Carlson	Washington	Albany	0.51	II	North	2	INRIX	3,369	16.2	D	INRIX	720	17.6	D	INRIX	720	21.4	C
A164	SR 123 San Pablo - SB	Washington	Marin	Albany	0.36	III	North	2	INRIX	3,156	15.1	C	INRIX	720	17.5	C	INRIX	720	17.4	C
A165	SR 123 San Pablo - SB	Marin	Gilman	Albany - Berkeley	0.45	II	North	2	INRIX	3,372	14.7	D	INRIX	720	18.0	D	INRIX	720	18.8	C
A166	SR 123 San Pablo - SB	Gilman	University	Berkeley	0.81	II	North	2	INRIX	2,770	18.3	C	INRIX	720	17.9	D	INRIX	720	17.7	D
A167	SR 123 San Pablo - SB	University	Allston	Berkeley	0.19	III	North	2	INRIX	3,288	17.4	C	INRIX	720	18.0	C	INRIX	720	13.2	C
A168	SR 123 San Pablo - SB	Allston	Dwight	Berkeley	0.38	II	North	2	INRIX	3,288	17.4	D	INRIX	720	18.0	C	INRIX	720	16.2	D
A169	SR 123 San Pablo - SB	Dwight	Ashby	Berkeley	0.64	II	North	2	INRIX	2,981	17.1	D	INRIX	720	18.1	C	INRIX	720	19.6	C
A170	SR 123 San Pablo - SB	Ashby	Stanford	Oakland	0.80	II	North	2	INRIX	3,388	18.7	C	INRIX	711	18.1	C	INRIX	711	19.0	C
A171	SR 123 San Pablo - SB	Stanford	53rd	Oakland	0.27	II	North	2	INRIX	3,555	15.0	D	INRIX	720	17.7	D	INRIX	720	19.5	C
A172	SR 123 San Pablo - SB	53rd	Park	Emeryville	0.34	II	North	2	INRIX	3,555	15.0	D	INRIX	720	17.6	D	INRIX	720	16.2	D
A173	SR 123 San Pablo - SB	Park	35th	Emeryville - Oakland	0.44	II	North	2	INRIX	2,205	15.4	D	INRIX	720	18.3	C	INRIX	720	13.6	E
A174	SR 123 San Pablo - NB	35th	Park	Oakland - Emeryville	0.42	II	North	2	INRIX	1,824	13.3	E	INRIX	711	16.0	D	INRIX	711	13.2	E

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A175	SR 123 San Pablo - NB	Park	53rd	Emeryville	0.34	II	North	2	INRIX	3,580	15.3	D	INRIX	715	17.1	D	INRIX	715	17.5	D
A176	SR 123 San Pablo - NB	53rd	Stanford	Oakland	0.27	II	North	2	INRIX	3,580	15.3	D	INRIX	716	18.2	C	INRIX	716	21.9	C
A177	SR 123 San Pablo - NB	Stanford	Ashby	Oakland	0.80	II	North	2	INRIX	3,520	12.3	E	INRIX	720	16.9	D	INRIX	720	16.2	D
A178	SR 123 San Pablo - NB	Ashby	Dwight	Berkeley	0.64	II	North	2	INRIX	3,063	17.5	D	INRIX	720	17.1	D	INRIX	720	19.3	C
A179	SR 123 San Pablo - NB	Dwight	Allston	Berkeley	0.38	II	North	2	INRIX	3,351	12.5	E	INRIX	720	17.3	D	INRIX	720	16.5	D
A180	SR 123 San Pablo - NB	Allston	University	Berkeley	0.19	III	North	2	INRIX	3,351	12.5	D	INRIX	720	17.0	C	INRIX	720	10.9	C
A181	SR 123 San Pablo - NB	University	Gilman	Berkeley	0.81	II	North	2	INRIX	3,157	14.7	D	INRIX	720	17.1	D	INRIX	720	16.3	D
A182	SR 123 San Pablo - NB	Gilman	Marin	Albany - Berkeley	0.45	II	North	2	INRIX	3,542	13.9	E	INRIX	720	16.7	D	INRIX	720	18.4	C
A183	SR 123 San Pablo - NB	Marin	Washington	Albany	0.36	III	North	2	INRIX	3,356	14.3	C	INRIX	720	15.9	C	INRIX	720	15.0	C
A184	SR 123 San Pablo - NB	Washington	Carlson	Albany	0.51	II	North	2	INRIX	3,478	15.2	D	INRIX	720	16.2	D	INRIX	720	18.0	C
A185	SR 185 (International Blvd) - SB	42nd	46th St	Oakland	0.29	II	North	2	INRIX	1,187	14.4	D	INRIX	720	14.4	D	INRIX	720	15.2	D
A186	SR 185 (International Blvd) - SB	46th St	Seminary	Oakland	0.78	II	North	2	INRIX	2,079	17.6	D	INRIX	715	14.5	D	INRIX	715	16.1	D
A187	SR 185 (International Blvd) - SB	Seminary	73rd	Oakland	0.80	II	North	2	INRIX	940	7.9	F	INRIX	715	14.1	D	INRIX	715	14.0	D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A188	SR 185 (International Blvd) - SB	73rd Ave	98th Ave	Oakland	1.41	II	North	2	INRIX	430	13.9	E	INRIX	582	14.5	D	INRIX	582	15.3	D
A189	SR 185 (International Blvd) - SB	98th	Broadmoor	Oakland	0.75	II	North	2	INRIX	859	15.5	D	INRIX	705	14.6	D	INRIX	705	16.6	D
A190	SR 185 (14th) - SB	Broadmoor	Davis	San Leandro	0.73	II	Central	2	INRIX	1,922	17.4	D	INRIX	714	17.2	D	INRIX	714	18.8	C
A191	SR 185 (14th) - SB	Davis	San Leandro	San Leandro	1.06	III	Central	2	INRIX	2,156	15.7	C	INRIX	714	18.5	C	INRIX	714	17.6	C
A192	SR 185 (14th) - SB	San L Blvd	Hesperian	San Leandro	0.94	II	Central	2	INRIX	3,033	17.9	D	INRIX	720	19.4	C	INRIX	720	21.3	C
A193	SR 185 (14th) - SB	Hesperian	Bayfair	San Leandro	0.47	II	Central	2	INRIX	1,905	16.6	D	INRIX	720	19.7	C	INRIX	720	20.1	C
A194	SR 185 (14th) - SB	Bayfair	170th	Alameda County	1.19	II	South	2	INRIX	1,417	18.6	C	INRIX	720	19.0	C	INRIX	720	19.9	C
A195	SR 185 (14th) - SB	170th	Llewelling	Alameda County	0.20	II	South	2	INRIX	2,120	19.3	C	INRIX	720	17.7	D	INRIX	720	21.8	C
A196	SR 185 (14th) - SB	Llewelling	Sunset	Alameda County	1.05	II	South	2	INRIX	1,434	19.9	C	INRIX	720	19.6	C	INRIX	720	22.1	C
A197	SR 185 Hayward - SB	Sunset	SR 92/238	Hayward	0.84	III	Central	2	INRIX	2,632	16.9	C	INRIX	720	18.4	C	INRIX	720	18.6	C
A198	SR 185 Hayward - NB	A Street (SR 92/238 until 2012)	Sunset	Hayward	0.43	III	Central	2	INRIX	2,018	19.9	B	INRIX	712	22.3	B	INRIX	712	25.6	B
A199	SR 185 (14th) - NB	Sunset	Llewelling	Alameda County	1.05	II	South	2	INRIX	411	21.2	C	INRIX	712	21.6	C	INRIX	712	23.1	C
A200	SR 185 (14th) - NB	Llewelling	170th	Alameda County	0.20	II	South	2	INRIX	1,535	22.0	C	INRIX	720	21.0	C	INRIX	720	24.0	B
A201	SR 185 (14th) - NB	170th	Bayfair	Alameda County	1.19	II	South	2	INRIX	930	16.6	D	INRIX	720	17.7	D	INRIX	720	20.4	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A202	SR 185 (14th) - NB	Bayfair	Hesperian	San Leandro	0.47	II	Central	2	INRIX	1,349	14.7	D	INRIX	720	18.9	C	INRIX	720	18.3	C
A203	SR 185 (14th) - NB	Hesperian	San L Blvd	San Leandro	0.94	II	Central	2	INRIX	2,337	20.1	C	INRIX	720	20.1	C	INRIX	720	22.6	C
A204	SR 185 (14th) - NB	San Leandro	Davis	San Leandro	1.06	III	Central	1	INRIX	1,279	13.7	C	INRIX	720	18.0	C	INRIX	720	16.0	C
A205	SR 185 (14th) - NB	Davis	Broadmoor	San Leandro	0.73	II	Central	2	INRIX	1,855	16.3	D	INRIX	720	16.6	D	INRIX	720	19.7	C
A206	SR 185 (International Blvd) - NB	Broadmoor	98th	Oakland	0.75	II	North	2	INRIX	531	15.0	D	INRIX	709	15.7	D	INRIX	709	15.8	D
A207	SR 185 (International Blvd) - NB	98th Ave	73rd Ave	Oakland	1.41	II	North	2	INRIX	820	13.0	E	INRIX	647	15.2	D	INRIX	647	15.1	D
A208	SR 185 (International Blvd) - NB	73rd Ave	Seminary	Oakland	0.80	II	North	2	INRIX	789	13.4	E	INRIX	720	15.6	D	INRIX	720	17.4	D
A209	SR 185 (International Blvd) - NB	Seminary	46th St	Oakland	0.78	II	North	2	INRIX	1,765	15.1	D	INRIX	720	15.1	D	INRIX	720	19.2	C
A210	SR 185 (International Blvd) - NB	46th St	42nd	Oakland	0.29	II	North	2	INRIX	743	13.0	E	INRIX	719	13.2	E	INRIX	719	13.7	E
A211	SR 238 (Foothill) - NB	Jackson	City Center	Hayward	0.63	III	Central	4	INRIX	3,706	15.3	C	INRIX	720	18.3	C	INRIX	720	19.3	C
A212	SR 238 (Foothill) - NB	City Center	I-580	Hayward	0.73	II	South	3	INRIX	3,436	20.7	C	INRIX	720	24.4	B	INRIX	720	23.6	C
A213	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Alameda County	0.68	I	South	1	Floating Car	6	37.0	A	INRIX	720	48.9	A	INRIX	720	47.4	A
A214	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Alameda County	0.73	I	South	3	Floating Car	6	35.9	A	INRIX	720	50.0	A	INRIX	720	49.9	A

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Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A215	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hayward - Alameda County	1.04	II	Central	3	INRIX	2,970	18.7	C	INRIX	720	23.3	C	INRIX	720	26.4	B
A216	SR 238 (Foothill) - SB	City Center	A Street	Hayward	0.16	III	Central	3	INRIX	3,200	16.7	C	INRIX	720	18.6	C	INRIX	720	15.4	C
A217	SR 238 (Mission) - NB	680 NB Rmp	Stevenson	Fremont	2.35	I	South	2	INRIX	1,691	31.0	B	INRIX	720	36.0	A	INRIX	720	33.5	B
A218	SR 238 (Mission) - NB	Stevenson	Nursery	Fremont	2.43	I	South	2	INRIX	3,641	26.7	C	INRIX	720	30.6	B	INRIX	720	29.0	B
A219	SR 238 (Mission) - NB	Nursery	Tamarack	Union City	2.63	I	South	3	INRIX	3,501	31.1	B	INRIX	720	34.2	B	INRIX	720	32.3	B
A220	SR 238 (Mission) - NB	Tamarack	Industrial	Union City - Hayward	1.96	I	South	3	INRIX	3,706	21.7	D	INRIX	720	28.4	B	INRIX	720	27.4	C
A221	SR 238 (Mission) - NB	Industrial	Sorenson	Hayward	1.46	II	Central	2	INRIX	3,706	20.7	C	INRIX	720	27.0	B	INRIX	720	26.5	B
A222	SR 238 (Mission) - NB	Sorenson	Jackson	Hayward	1.83	II	Central	2	INRIX	3,622	19.7	C	INRIX	720	20.0	C	INRIX	720	20.4	C
A223	SR 238 (Mission) - SB	Jackson	Sorenson	Hayward	1.83	II	Central	2	INRIX	3,394	22.8	C	INRIX	720	25.0	B	INRIX	720	26.4	B
A224	SR 238 (Mission) - SB	Sorenson	Industrial	Hayward	1.46	II	Central	2	INRIX	3,588	24.0	B	INRIX	720	27.6	B	INRIX	720	26.9	B
A225	SR 238 (Mission) - SB	Industrial	Tamarack	Hayward - Union City	1.96	I	Central	3	INRIX	3,611	26.2	C	INRIX	720	28.5	B	INRIX	720	30.4	B
A226	SR 238 (Mission) - SB	Tamarack	Nursery	Union City	2.63	I	South	3	INRIX	3,000	32.5	B	INRIX	720	33.1	B	INRIX	720	32.0	B
A227	SR 238 (Mission) - SB	Nursery	Stevenson	Fremont	2.43	I	South	2	INRIX	2,682	26.9	C	INRIX	720	30.9	B	INRIX	720	31.6	B
A228	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fremont	2.35	I	South	2	INRIX	3,643	20.6	D	INRIX	720	33.7	B	INRIX	720	31.3	B
A229	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oakland	1.35	I	North	2	INRIX	2,846	26.4	C	INRIX	9	32.4	B	INRIX	9	25.2	C

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Arterials (Tier 1) - PM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A230	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oakland	1.43	I	North	2	INRIX	1,201	25.9	C	INRIX	105	28.7	B	INRIX	105	32.8	B
A231	SR 262 (Mission) - EB	I-880 NB	I-680 NB	Fremont	1.48	I	South	2	INRIX	3,706	21.2	D	INRIX	720	28.9	B	INRIX	720	23.9	C
A232	SR 262 (Mission) - WB	I-680 NB	I-880 SB	Fremont	1.67	I	South	2	INRIX	3,590	31.8	B	INRIX	720	40.8	A	INRIX	720	35.5	A
A233	SR 84 (Liv) - NB - realign	Airway	I-580 WB (off)	Livermore	0.52	I	East	3	INRIX	2,874	35.0	B	INRIX	720	34.4	B	INRIX	720	37.1	A
A234	SR 84 (Liv) - NB - realign	I-580 WB (off)	Airway)	Livermore	0.53	I	East	3	INRIX	2,477	24.8	C	INRIX	720	27.4	C	INRIX	720	26.0	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A1	150th St - EB	Hesperian	I-580	San Leandro	0.49	II	Central	2	INRIX	469	13.4	E	INRIX	702	16.8	D	INRIX	702	19.4	C
A2	150th St - WB	I-580	Hesperian	San Leandro	0.49	II	Central	2	INRIX	324	14.5	D	INRIX	689	20.1	C	INRIX	689	22.0	C
A3	A Street - EB	I-880	Western	Hayward	1.08	II	Central	2	INRIX	1,129	21.1	C	INRIX	677	22.4	C	INRIX	677	24.4	B
A4	A Street - EB	Western	SR 185 (previously SR 238)	Hayward	0.31	III	Central	2	INRIX	1,868	12.2	D	INRIX	708	23.5	B	INRIX	708	15.4	C
A5	A Street - WB	SR 238	Western	Hayward	0.54	III	Central	2	INRIX	3,405	16.3	C	INRIX	720	20.4	B	INRIX	720	18.0	C
A6	A Street - WB	Western	I-880	Hayward	1.07	II	Central	2	INRIX	2,052	19.0	C	INRIX	720	22.9	C	INRIX	720	21.8	C
A7	Atlantic - EB	Main	Webster	Alameda	0.81	II	North	2	Floating Car	6	21.1	C	INRIX	677	22.4	C	INRIX	677	21.7	C
A8	Atlantic - WB	Webster	Main	Alameda	0.81	II	North	2	Floating Car	6	26.4	B	INRIX	705	24.0	C	INRIX	705	22.9	C
A9	Hegenberger - EB	SR 61	Edgewater	Oakland	0.77	I	North	3	INRIX	1,937	23.4	C	INRIX	569	25.5	C	INRIX	569	23.3	C
A10	Hegenberger - EB	Edgewater	Baldwin	Oakland	0.73	I	North	3	INRIX	3,471	24.2	C	INRIX	720	27.0	C	INRIX	720	25.9	C
A11	Hegenberger - EB	Baldwin	E 14th	Oakland	1.02	I	North	3	INRIX	2,390	27.6	C	INRIX	688	30.4	B	INRIX	688	32.9	B
A12	Hegenberger - WB	E 14th	Baldwin	Oakland	1.02	I	North	3	INRIX	2,563	30.5	B	INRIX	720	31.7	B	INRIX	720	46.1	A
A13	Hegenberger - WB	Baldwin	Edgewater	Oakland	0.72	I	North	3	INRIX	3,126	25.6	C	INRIX	714	29.2	B	INRIX	714	26.3	C
A14	Hegenberger - WB	Edgewater	SR 61	Oakland	0.77	I	North	3	INRIX	2,896	25.1	C	INRIX	720	26.2	C	INRIX	720	27.3	C
A15	Hesperian - NB	Tennyson	SH 92 - WB	Hayward	0.49	I	Central	3	INRIX	1,589	15.0	E	INRIX	718	28.7	B	INRIX	718	25.6	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A16	Hesperian - NB	SH 92	La Playa	Hayward	0.78	II	Central	3	INRIX	1,536	20.1	C	INRIX	720	30.4	A	INRIX	720	31.4	A
A17	Hesperian - NB	La Playa	W.Winton Ave.	Hayward	0.43	II	Central	3	INRIX	3,011	20.4	C	INRIX	720	29.9	B	INRIX	720	27.6	B
A18	Hesperian - NB	W.Winton Ave	A St	Hayward	0.97	II	Central	3	INRIX	3,574	22.6	C	INRIX	720	28.3	B	INRIX	720	27.5	B
A19	Hesperian - NB	A St	Hacienda	Alameda County	0.67	II	Central	3	INRIX	2,738	23.2	C	INRIX	720	25.4	B	INRIX	720	22.7	C
A20	Hesperian - NB	Hacienda	Grant	Alameda County	0.66	II	Central	3	INRIX	3,345	24.7	B	INRIX	718	22.3	C	INRIX	718	20.5	C
A21	Hesperian - NB	Grant	Llewelling	Alameda County	0.27	II	Central	3	INRIX	2,823	12.0	E	INRIX	718	20.5	C	INRIX	718	17.3	D
A22	Hesperian - NB	Llewelling	Springlake	Alameda County	0.39	II	Central	3	INRIX	2,600	16.9	D	INRIX	718	21.0	C	INRIX	718	23.3	C
A23	Hesperian - NB	Springlake	Fairmont	San Leandro	0.66	II	Central	3	INRIX	3,137	17.2	D	INRIX	720	20.4	C	INRIX	720	21.3	C
A24	Hesperian - NB	Fairmont	14th	San Leandro	0.31	II	Central	2	INRIX	258	17.4	D	INRIX	343	19.2	C	INRIX	343	18.9	C
A25	Hesperian - SB	14th	Fairmont	San Leandro	0.31	II	Central	2	INRIX	177	14.0	D	INRIX	420	20.0	C	INRIX	420	19.9	C
A26	Hesperian - SB	Fairmont	Springlake	San Leandro	0.66	II	Central	3	INRIX	2,112	21.2	C	INRIX	719	21.2	C	INRIX	719	22.2	C
A27	Hesperian - SB	Springlake	Llewelling	Alameda County	0.39	II	Central	3	INRIX	2,950	16.2	D	INRIX	719	21.7	C	INRIX	719	19.1	C
A28	Hesperian - SB	Llewelling	Grant	Alameda County	0.27	II	Central	3	INRIX	3,421	15.6	D	INRIX	720	21.4	C	INRIX	720	15.6	D
A29	Hesperian - SB	Grant	Hacienda	Alameda County	0.66	II	Central	3	INRIX	3,541	22.8	C	INRIX	720	23.2	C	INRIX	720	22.1	C
A30	Hesperian - SB	Hacienda	A St	Alameda County	0.67	II	Central	3	INRIX	3,472	21.3	C	INRIX	720	26.9	B	INRIX	720	19.0	C

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A31	Hesperian - SB	A St	W.Winton Ave.	Hayward	0.97	II	Central	3	INRIX	3,308	21.1	C	INRIX	720	31.1	A	INRIX	720	26.3	B
A32	Hesperian - SB	W.Winton Ave	La Playa	Hayward	0.43	II	Central	3	INRIX	3,570	18.9	C	INRIX	720	33.0	A	INRIX	720	31.3	A
A33	Hesperian - SB	La Playa	SH 92	Hayward	0.78	II	Central	3	INRIX	3,155	18.9	C	INRIX	720	33.6	A	INRIX	720	29.1	B
A34	Hesperian - SB	SH 92 - WB	Tennyson	Hayward	0.49	I	Central	3	INRIX	2,983	19.2	D	INRIX	718	32.3	B	INRIX	718	25.9	C
A35	Mowry - EB	I-880	Farwell	Fremont	0.28	II	South	3	Floating Car	6	28.8	B	INRIX	720	27.2	B	INRIX	720	25.3	B
A36	Mowry - EB	Farwell	SH 84	Fremont	2.48	II	South	3	Floating Car	6	25.5	B	INRIX	704	26.4	B	INRIX	704	27.6	B
A37	Mowry - WB	SH 84	Farwell	Fremont	2.53	II	South	3	Floating Car	6	21.1	C	INRIX	720	27.6	B	INRIX	720	28.4	B
A38	Mowry - WB	Farwell	I-880	Fremont	0.28	II	South	3	Floating Car	6	33.8	A	INRIX	720	23.9	C	INRIX	720	24.3	B
A39	Park/23rd - EB	Encinal	Santa Clara	Alameda	0.23	III	North	2	INRIX	2,654	11.0	D	INRIX	700	16.2	C	INRIX	700	12.8	D
A40	Park/23rd - EB	Santa Clara	Kennedy	Alameda	0.68	III	North	2	INRIX	2,581	9.9	D	INRIX	10	14.0	C	INRIX	10	14.0	C
A41	Park/23rd - EB	Kennedy	E 11th	Oakland	0.45	II	North	2	INRIX	2,688	15.4	D	INRIX	695	24.0	B	INRIX	695	22.3	C
A42	Park/23rd - WB	E 11th	Kennedy	Oakland	0.45	II	North	2	INRIX	66	16.0	D	INRIX	645	19.2	C	INRIX	645	21.0	C
A43	Park/23rd - WB	Kennedy	Santa Clara	Alameda	0.74	III	North	2	INRIX	52	13.3	C	INRIX	639	16.5	C	INRIX	639	15.9	C
A44	Park/23rd - WB	Santa Clara	Encinal	Alameda	0.23	III	North	2	INRIX	2,265	10.9	D	INRIX	720	15.9	C	INRIX	720	13.8	C
A45	MLK Jr Way - NB	SH 24	Adeline	Oakland	1.48	II	North	3	Floating Car	6	24.7	B	INRIX	720	28.9	B	INRIX	720	27.4	B

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A46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berkeley	0.28	II	North	3	INRIX	1,767	14.2	D	INRIX	717	17.4	D	INRIX	717	16.3	D
A47	Adeline - NB	MLK Jr - North	Shattuck/Adeline	Berkeley	0.61	II	North	3	INRIX	1,756	17.8	D	INRIX	656	18.7	C	INRIX	656	18.9	C
A48	Shattuck NB	Shattuck/Adeline	Dwight	Berkeley	0.31	II	North	2	INRIX	2,218	15.9	D	INRIX	2	12.4	E	INRIX	2	13.3	E
A49	Shattuck NB	Dwight	University	Berkeley	0.57	III	North	2	INRIX	2,149	13.3	C	INRIX	410	14.8	C	INRIX	410	18.0	C
A50	Shattuck SB	University	Dwight	Berkeley	0.57	III	North	2	INRIX	2,577	14.1	C	INRIX	22	13.0	D	INRIX	22	11.3	D
A51	Shattuck SB	Dwight	Shattuck/Adeline	Berkeley	0.30	II	North	2	INRIX	3,018	19.6	C	INRIX	707	18.8	C	INRIX	707	17.6	D
A52	Adeline - SB	Shattuck/Adeline	MLK Jr - North	Berkeley	0.61	II	North	3	INRIX	1,349	19.1	C	INRIX	325	19.5	C	INRIX	325	20.1	C
A53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berkeley	0.29	II	North	3	INRIX	1,853	14.1	D	INRIX	660	17.4	D	INRIX	660	13.0	E
A54	MLK Jr Way - SB	Adeline	SH 24	Oakland	1.39	II	North	3	Floating Car	6	22.0	C	INRIX	704	34.6	A	INRIX	704	28.9	B
A55	Tennyson - EB	Hesperian	I-880	Hayward	0.86	I	Central	2	INRIX	1,907	19.6	D	INRIX	452	25.7	C	INRIX	452	26.2	C
A56	Tennyson - EB	I-880 NB	Rt 238	Hayward	1.54	II	Central	2	INRIX	1,929	17.9	D	INRIX	700	22.1	C	INRIX	700	20.9	C
A57	Tennyson - WB	Rt 238	I-880	Hayward	1.54	II	Central	2	INRIX	1,883	18.0	C	INRIX	700	21.4	C	INRIX	700	18.9	C
A58	Tennyson - WB	I-880	Hesperian	Hayward	0.86	I	Central	2	INRIX	3,030	17.9	D	INRIX	459	27.3	C	INRIX	459	24.7	C
A59	University - EB	I-80 SB	6th	Berkeley	0.40	II	North	2	INRIX	2,810	15.9	D	INRIX	424	22.3	C	INRIX	424	21.4	C
A60	University - EB	6th	San Pablo	Berkeley	0.32	II	North	2	INRIX	3,330	14.4	D	INRIX	720	17.6	D	INRIX	720	14.7	D
A61	University - EB	San Pablo	Sacramento	Berkeley	0.56	II	North	2	INRIX	3,073	18.6	C	INRIX	720	17.8	D	INRIX	720	15.9	D

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A62	University - EB	Sacramento	ML King	Berkeley	0.49	II	North	2	INRIX	3,206	20.8	C	INRIX	719	18.8	C	INRIX	719	17.7	D
A63	University - EB	ML King	Shattuck Pl	Berkeley	0.29	III	North	2	INRIX	1,740	15.9	C	INRIX	681	16.2	C	INRIX	681	13.8	C
A64	University - WB	Shattuck Pl	ML King	Berkeley	0.29	III	North	2	INRIX	1,252	14.8	C	INRIX	346	16.9	C	INRIX	346	15.7	C
A65	University - WB	ML King	Sacramento	Berkeley	0.49	II	North	2	INRIX	3,118	21.9	C	INRIX	709	19.2	C	INRIX	709	19.1	C
A66	University - WB	Sacramento	San Pablo	Berkeley	0.56	II	North	2	INRIX	3,181	18.0	C	INRIX	709	18.7	C	INRIX	709	17.9	D
A67	University - WB	San Pablo	6th	Berkeley	0.32	II	North	2	INRIX	3,197	17.1	D	INRIX	720	18.4	C	INRIX	720	18.5	C
A68	University - WB	6th	I-80 SB	Berkeley	0.40	II	North	2	INRIX	3,116	30.9	A	INRIX	589	29.4	B	INRIX	589	31.5	A
A69	SR 13 Ashby - WB	Hiller	Domingo	Oakland - Berkeley	0.81	II	North	1	INRIX	3,175	21.1	C	INRIX	720	23.9	C	INRIX	720	19.7	C
A70	SR 13 Ashby - WB	Domingo	College	Berkeley	0.52	III	North	2	INRIX	2,237	21.1	B	INRIX	715	20.1	B	INRIX	715	19.8	B
A71	SR 13 Ashby - WB	College	Telegraph	Berkeley	0.37	III	North	2	INRIX	3,158	17.6	C	INRIX	715	19.3	B	INRIX	715	17.2	C
A72	SR 13 Ashby - WB	Telegraph	Shattuck	Berkeley	0.38	III	North	2	INRIX	3,158	17.6	C	INRIX	715	19.8	B	INRIX	715	18.1	C
A73	SR 13 Ashby - WB	Shattuck	ML King	Berkeley	0.26	III	North	2	INRIX	2,462	15.8	C	INRIX	712	19.5	B	INRIX	712	15.5	C
A74	SR 13 Ashby - WB	ML King	San Pablo	Berkeley	0.86	III	North	2	INRIX	3,408	17.2	C	INRIX	711	20.9	B	INRIX	711	20.8	B
A75	SR 13 Ashby - WB	San Pablo	I-80 Ramps	Berkeley	0.64	II	North	2	INRIX	3,200	21.0	C	INRIX	714	26.5	B	INRIX	714	28.0	B
A76	SR 13 Ashby - EB	I-80	San Pablo	Berkeley	0.62	II	North	2	INRIX	3,238	20.0	C	INRIX	720	20.6	C	INRIX	720	23.6	C

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A77	SR 13 Ashby - EB	San Pablo	ML King	Berkeley	0.86	III	North	2	INRIX	3,287	17.3	C	INRIX	720	19.4	B	INRIX	720	18.6	C
A78	SR 13 Ashby - EB	ML King	Shattuck	Berkeley	0.26	III	North	2	INRIX	2,205	13.5	C	INRIX	711	18.4	C	INRIX	711	14.2	C
A79	SR 13 Ashby - EB	Shattuck	Telegraph	Berkeley	0.38	III	North	2	INRIX	3,158	17.6	C	INRIX	711	18.7	C	INRIX	711	17.8	C
A80	SR 13 Ashby - EB	Telegraph	College	Berkeley	0.37	III	North	2	INRIX	3,158	17.6	C	INRIX	711	18.4	C	INRIX	711	17.5	C
A81	SR 13 Ashby - EB	College	Domingo	Berkeley	0.52	III	North	2	INRIX	2,141	43.9	A	INRIX	626	19.2	B	INRIX	626	19.0	C
A82	SR 13 Ashby - EB	Domingo	Hiller	Berkeley - Oakland	0.81	II	North	1	INRIX	2,141	43.9	A	INRIX	683	28.7	B	INRIX	683	26.8	B
A83	SR 61 - SB	Atlantic	Cent/ Webster	Alameda	0.57	III	North	2	INRIX	818	13.8	C	INRIX	714	18.1	C	INRIX	714	14.6	C
A84	SR 61 - SB	Cent/ Webster	Sher/Encino	Alameda	0.74	II	North	2	INRIX	1,636	20.2	C	INRIX	548	20.2	C	INRIX	548	21.8	C
A85	SR 61 - SB	Sher/Encino	Park	Alameda	1.20	II	North	2	INRIX	1,898	19.6	C	INRIX	511	19.9	C	INRIX	511	19.9	C
A86	SR 61 - SB	Park	High/Otis	Alameda	1.05	II	North	2	INRIX	632	20.8	C	INRIX	440	20.8	C	INRIX	440	20.3	C
A91	SR 61 (Doolittle) - NB	Davis	Airport	Alameda	0.94	I	Central	2	INRIX	3,652	24.0	C	INRIX	720	31.5	B	INRIX	720	30.4	B
A93	SR 61 (Doolittle) - NB	Harbor Bay	Island Dr	Alameda	0.51	I	North	2	INRIX	2,635	18.0	D	INRIX	720	38.0	A	INRIX	720	39.0	A
A89	SR 61 - SB	Harbor Bay	Airport Dr	Oakland	2.17	I	North	2	INRIX	1,793	35.9	A	INRIX	708	40.0	A	INRIX	708	38.2	A
A94	SR 61 (Doolittle) - NB	Island Dr	High/Otis	Oakland - San Leandro	0.44	II	North	2	INRIX	3,076	19.6	C	INRIX	720	23.8	C	INRIX	720	21.2	C

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A87	SR 61 (Doolittle) - SB	High	Island Dr	San Leandro - Oakland	0.44	II	North	2	INRIX	2,685	23.2	C	INRIX	714	24.4	B	INRIX	714	24.2	B
A92	SR 61 - NB	Airport Dr	Harbor Bay	Oakland	2.17	I	North	2	INRIX	3,036	36.1	A	INRIX	720	40.2	A	INRIX	720	37.0	A
A88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay Pkwy	Alameda	0.51	I	North	2	INRIX	2,511	28.3	B	INRIX	715	37.2	A	INRIX	715	36.3	A
A90	SR 61 (Doolittle) - SB	Airport	Davis	Alameda	0.94	I	North	2	INRIX	1,991	30.9	B	INRIX	700	33.0	B	INRIX	700	34.7	B
A95	SR 61 - NB	High/Otis	Park	Alameda	1.05	II	North	2	INRIX	1,211	17.6	D	INRIX	568	20.6	C	INRIX	568	17.8	D
A96	SR 61 - NB	Park/Encinal	Sher/Cent	Alameda	1.20	II	North	2	INRIX	1,666	16.9	D	INRIX	641	19.7	C	INRIX	641	19.6	C
A97	SR 61 - NB	Sher/Cent	Web/Cent	Alameda	0.74	II	North	2	INRIX	1,593	18.3	C	INRIX	605	20.6	C	INRIX	605	20.7	C
A98	SR 61 - NB	Cent/Web	Atlantic	Alameda	0.57	III	North	2	INRIX	1,585	14.2	C	INRIX	720	19.3	B	INRIX	720	14.7	C
A99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oakland	0.36	I	North	2	INRIX	254	19.2	D	INRIX	450	20.0	D	INRIX	450	27.0	C
A100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oakland	0.36	I	North	2	INRIX	1,074	19.1	D	INRIX	613	20.3	D	INRIX	613	25.0	C
A101	Decoto - WB	SH 238/ Mission	Union Square	Union City	0.86	II	South	2	INRIX	3,529	19.1	C	INRIX	720	27.7	B	INRIX	720	23.6	C
A102	Decoto - WB	Union Square	Alv-Niles Rd	Union City	0.24	II	South	2	INRIX	3,135	18.8	C	INRIX	720	27.7	B	INRIX	720	18.5	C
A103	Decoto - WB	Alv-Niles Rd	Fremont CL	Union City	0.65	II	South	2	INRIX	3,135	22.0	C	INRIX	720	28.8	B	INRIX	720	23.3	C
A104	Decoto - WB	Fremont CL	I-880 NB (off)	Fremont	1.15	II	South	2	INRIX	3,497	18.4	C	INRIX	720	28.9	B	INRIX	720	18.3	C
A105	Decoto - EB	I-880 NB (off)	Union City CL	Fremont	1.15	II	South	2	INRIX	2,873	24.2	B	INRIX	719	30.3	A	INRIX	719	28.8	B

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A106	Decoto - EB	Union City CL	Alv-Niles Rd	Union City	0.66	II	South	2	INRIX	2,922	24.4	B	INRIX	719	27.4	B	INRIX	719	25.6	B
A107	Decoto - EB	Alv-Niles Rd	Union Square	Union City	0.24	II	South	2	INRIX	3,399	20.7	C	INRIX	668	25.5	B	INRIX	668	21.1	C
A108	Decoto - EB	Union Square	SH 238/ Mission	Union City	0.85	II	South	2	INRIX	380	21.2	C	INRIX	668	24.4	B	INRIX	668	24.2	B
A109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fremont	0.81	I	South	2	INRIX	3,520	30.0	B	INRIX	720	33.1	B	INRIX	720	30.6	B
A110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fremont	1.66	I	South	1	INRIX	1,468	26.8	C	INRIX	670	30.9	B	INRIX	670	30.3	B
A111	SR 84/ Fremont(Fre)-WB	Peralta	Thornton	Fremont	0.33	II	South	2	INRIX	1,691	16.1	D	INRIX	632	20.6	C	INRIX	632	20.2	C
A112	SR 84/	Fremont	I-880 SB	Fremont	1.26	II	South	3	INRIX	3,423	19.0	C	INRIX	720	27.6	B	INRIX	720	22.7	C
A113	SR 84/ Thornton (Fre)-EB	I-880 SB	Fremont	Fremont	1.26	II	South	3	INRIX	3,155	18.0	C	INRIX	672	27.1	B	INRIX	672	22.8	C
A114	SR 84/ Fremont (Fre)-EB	Thornton	Peralta	Fremont	0.32	II	South	2	INRIX	2,756	18.1	C	INRIX	692	21.5	C	INRIX	692	22.7	C
A115	SR 84/Peralta (Fre) - EB	Fremont	Mowry	Fremont	1.64	I	South	1	INRIX	1,087	27.1	C	INRIX	692	30.3	B	INRIX	692	29.5	B
A116	SR 84/Mowry (Fre) - EB	Peralta	SH 238	Fremont	0.86	I	South	2	INRIX	2,432	23.7	C	INRIX	688	28.5	B	INRIX	688	26.5	C
A117	1st Street - SB	I-580 Off	N Mines	Livermore	0.60	I	East	3	INRIX	2,919	26.8	C	INRIX	720	33.2	B	INRIX	720	28.0	C
A118	1st Street - SB	N Mines	Inman	Livermore	1.06	I	East	2	INRIX	3,300	25.8	C	INRIX	720	32.9	B	INRIX	720	34.4	B
A119	1st Street - NB	Inman	N Mines	Livermore	1.06	I	East	2	INRIX	3,261	22.9	C	INRIX	720	32.0	B	INRIX	720	32.3	B

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Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A120	1st Street - NB	N Mines	I-580 Off	Livermore	0.60	I	East	3	INRIX	2,904	22.0	C	INRIX	718	25.8	C	INRIX	718	27.2	C
A121	SR 84 - EB	SR 238/ Mission	Union City Limit	Fremont	1.35	I	South	1	INRIX	2,583	43.2	A	INRIX	720	44.5	A	INRIX	720	44.2	A
A122	SR 84 - EB	Union City Limit	Palomares	Fremont	0.86	I	South	1	INRIX	2,577	42.3	A	INRIX	720	39.6	B	INRIX	720	37.4	B
A123	SR 84 - EB	Palomares	Niles Cnyn Quarry	Fremont	2.16	I	South	1	INRIX	2,578	41.8	A	INRIX	720	41.7	A	INRIX	720	40.5	A
A124	SR 84 - EB	Niles Cnyn Quarry	Sunol Rd	Fremont	1.74	I	South	1	INRIX	2,661	42.8	A	INRIX	718	39.2	B	INRIX	718	41.4	B
A125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fremont	0.55	I	South	1	INRIX	2,655	12.7	F	INRIX	719	37.7	A	INRIX	719	30.9	A
A126	SR 84 - EB	Ple-Sunol Rd	SR 84 (Off)/I-680	Alameda County	0.80	I	East	1	INRIX	3,334	21.6	E	INRIX	397	34.0	C	INRIX	397	34.4	B
A127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ln	Alameda County	1.05	I	East	1	INRIX	3,194	58.3	A	INRIX	684	57.4	A	INRIX	684	53.6	A
A128	SR 84 - EB	Vallecitos Ln	Vallecitos Nuc.Cntr	Alameda County	1.13	I	East	1	INRIX	3,126	55.6	A	INRIX	720	53.2	A	INRIX	720	41.9	C
A129	SR 84 - EB	Vallecitos Nuc.Center Ent.	Culvert (Lat/Long: 37.613854,-121.817224)	Alameda County	1.66	I	East	1	INRIX	3,118	56.3	A	INRIX	720	55.7	A	INRIX	720	46.7	B
A130	SR 84 - EB	Culvert (Lat/Long: 37.613854,-121.817224)	Ruby Hill / Kaithoff	Alameda County	1.63	I	East	2	INRIX	3,161	53.4	A	INRIX	720	58.1	A	INRIX	720	58.7	A
A131	SR 84 - EB	Ruby Hill./ Kaithoff	Isabel/ Vallecitos	Livermore	0.38	I	East	1	INRIX	3,131	38.2	A	INRIX	720	53.1	A	INRIX	720	46.8	A
A132	SR 84 (Liv) - NB	Isabel/ Vallecitos	Vineyard	Livermore	1.12	I	East	1	INRIX	3,299	35.9	A	INRIX	720	50.4	A	INRIX	720	49.4	A

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A133	SR 84 (Liv) - NB	Vineyard	Concannon	Livermore	0.60	I	East	1	INRIX	3,560	25.8	C	INRIX	720	46.4	A	INRIX	720	42.9	A
A134	SR 84 (Liv) - NB	Concannon	Stanley	Livermore	1.05	I	East	1	INRIX	3,508	41.3	A	INRIX	720	47.0	A	INRIX	720	48.4	A
A135	SR 84 (Liv) - NB	Stanley	W. Jack London Blvd.	Livermore	0.90	I	East	1	INRIX	3,536	40.2	A	INRIX	720	41.0	A	INRIX	720	43.3	A
A136	SR 84 (Liv) - NB	W. Jack London Blvd.	Airway/Kitty Hawk	Livermore	0.49	I	East	3	INRIX	3,647	27.8	C	INRIX	720	34.8	B	INRIX	720	32.8	B
A137	Airway Blvd (old SR 84) - NB	SR 84	I-580 EB off ramp	Livermore	1.06	I	East	1	INRIX	1,480	31.0	B	INRIX	702	34.3	B	INRIX	702	33.1	B
A138	Airway Blvd (old SR 84) - SB	I-580 EB off ramp	SR 84	Livermore	1.06	I	East	1	INRIX	565	32.4	B	INRIX	288	33.5	B	INRIX	288	33.8	B
A139	SR 84 (Liv) - SB	Airway/Kitty	W. Jack London Blvd.	Livermore	0.49	I	East	3	INRIX	3,596	29.1	B	INRIX	720	30.9	B	INRIX	720	31.3	B
A140	SR 84 (Liv) - SB	W. Jack London Blvd.	Stanley	Livermore	0.90	I	East	1	INRIX	3,628	43.5	A	INRIX	720	40.9	A	INRIX	720	43.2	A
A141	SR 84 (Liv) - SB	Stanley	Concannon	Livermore	1.05	I	East	1	INRIX	3,567	19.0	D	INRIX	720	46.2	A	INRIX	720	47.8	A
A142	SR 84 (Liv) - SB	Concannon	Vineyard	Livermore	0.60	I	East	1	INRIX	3,611	14.4	E	INRIX	720	46.9	A	INRIX	720	42.8	A
A143	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Livermore	1.12	I	East	1	INRIX	3,614	15.8	E	INRIX	720	49.7	A	INRIX	720	50.2	A
A144	SR 84 - WB	Isabel/Vallecitos	Ruby Hill / Kaithoff	Livermore	0.38	I	East	1	INRIX	3,704	34.7	B	INRIX	720	45.8	A	INRIX	720	34.8	B
A145	SR 84 - WB	Ruby Hill / Kaithoff	Culvert (Lat/Long: 37.613854,-121.817224)	Alameda County	1.63	I	East	2	INRIX	3,701	29.3	E	INRIX	720	35.9	D	INRIX	720	10.0	F

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A146	SR 84 - WB	Culvert (Lat/Long: 37.613854,-121.817224)	Vallecitos Nuc.Cntr	Alameda County	1.65	I	East	1	INRIX	3,704	37.4	D	INRIX	720	40.2	C	INRIX	720	19.7	F
A147	SR 84 - WB	Vallecitos Nuc.Cntr	Vallecitos Ln	Alameda County	1.14	I	South	1	INRIX	3,691	54.1	A	INRIX	720	49.0	A	INRIX	720	40.3	C
A148	SR 84 - WB	Vallecitos Ln	SR 84/I-680 On	Alameda County	0.86	I	South	1	INRIX	2,479	43.6	C	INRIX	710	42.0	C	INRIX	710	27.1	F
A149	SR 84 - WB	SR 84/I-680 On	Ple-Sunol Rd	Alameda County	0.62	I	South	1	INRIX	2,453	35.1	B	INRIX	679	35.7	B	INRIX	679	38.5	A
A150	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fremont	0.55	I	South	1	INRIX	2,578	42.7	A	INRIX	720	43.8	A	INRIX	720	47.6	A
A151	SR 84 - WB	Sunol Rd	Niles Canyon Quarry	Fremont	1.74	I	South	1	INRIX	3,070	46.3	A	INRIX	720	47.4	A	INRIX	720	48.3	A
A152	SR 84 - WB	Niles Canyon Quarry	Eastern Fremont City Limit	Fremont	1.00	I	South	1	INRIX	3,039	42.7	B	INRIX	720	47.8	A	INRIX	720	47.5	A
A153	SR 84 - WB	Eastern Fremont City Limit	Union City Limit	Fremont	2.03	I	South	1	INRIX	3,073	39.6	A	INRIX	720	41.4	A	INRIX	720	36.9	B
A154	SR 84 - WB	Union City Limit	SR 238	Fremont	1.35	I	South	1	INRIX	3,059	33.3	A	INRIX	720	42.3	A	INRIX	720	39.5	A
A155	SR 92 - EB	I-880	Mission	Hayward	1.71	II	Central	3	INRIX	2,878	24.5	B	INRIX	687	26.9	B	INRIX	687	27.2	B
A156	SR 92 - WB	Mission	I-880	Hayward	1.71	II	Central	3	INRIX	3,684	22.3	C	INRIX	720	26.5	B	INRIX	720	23.0	C
A157	SR 112 (Davis) - EB	Doolittle	I-880	San Leandro	0.52	II	Central	2	INRIX	2,931	18.9	C	INRIX	620	17.6	D	INRIX	620	20.0	C
A158	SR 112 (Davis) - EB	I-880	San Leandro	San Leandro	0.99	II	Central	2	INRIX	2,632	17.2	D	INRIX	713	21.3	C	INRIX	713	21.7	C
A159	SR 112 (Davis) - EB	San Leandro	14th	San Leandro	0.28	III	Central	2	INRIX	2,037	14.6	C	INRIX	626	19.3	B	INRIX	626	18.1	C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A160	SR 112 (Davis) - WB	E 14th	San Leandro	San Leandro	0.28	III	Central	2	INRIX	2,935	12.3	D	INRIX	720	19.8	B	INRIX	720	16.6	C
A161	SR 112 (Davis) - WB	San Leandro	I-880	San Leandro	0.99	II	Central	2	INRIX	3,524	17.8	D	INRIX	8	21.3	C	INRIX	8	18.5	C
A162	SR 112 (Davis) - WB	I-880	Doolittle	San Leandro	0.52	II	Central	2	INRIX	3,611	16.9	D	INRIX	720	19.3	C	INRIX	720	22.8	C
A163	SR 123 San Pablo - SB	Carlson	Washington	Albany	0.51	II	North	2	INRIX	3,170	17.9	D	INRIX	720	21.3	C	INRIX	720	18.8	C
A164	SR 123 San Pablo - SB	Washington	Marin	Albany	0.36	III	North	2	INRIX	2,963	17.2	C	INRIX	720	21.2	B	INRIX	720	16.0	C
A165	SR 123 San Pablo - SB	Marin	Gilman	Albany - Berkeley	0.45	II	North	2	INRIX	3,321	17.1	D	INRIX	720	21.5	C	INRIX	720	21.0	C
A166	SR 123 San Pablo - SB	Gilman	University	Berkeley	0.81	II	North	2	INRIX	2,996	17.6	D	INRIX	720	21.0	C	INRIX	720	19.2	C
A167	SR 123 San Pablo - SB	University	Allston	Berkeley	0.19	III	North	2	INRIX	3,017	20.6	B	INRIX	720	22.1	B	INRIX	720	15.5	C
A168	SR 123 San Pablo - SB	Allston	Dwight	Berkeley	0.38	II	North	2	INRIX	3,017	20.6	C	INRIX	720	22.3	C	INRIX	720	18.4	C
A169	SR 123 San Pablo - SB	Dwight	Ashby	Berkeley	0.64	II	North	2	INRIX	2,543	19.8	C	INRIX	703	22.0	C	INRIX	703	22.9	C
A170	SR 123 San Pablo - SB	Ashby	Stanford	Oakland	0.80	II	North	2	INRIX	2,875	19.0	C	INRIX	696	22.3	C	INRIX	696	22.6	C
A171	SR 123 San Pablo - SB	Stanford	53rd	Oakland	0.27	II	North	2	INRIX	2,965	17.3	D	INRIX	720	22.3	C	INRIX	720	21.8	C
A172	SR 123 San Pablo - SB	53rd	Park	Emeryville	0.34	II	North	2	INRIX	2,965	17.3	D	INRIX	720	22.2	C	INRIX	720	20.4	C
A173	SR 123 San Pablo - SB	Park	35th	Emeryville - Oakland	0.44	II	North	2	INRIX	1,512	17.8	D	INRIX	716	22.3	C	INRIX	716	17.8	D
A174	SR 123 San Pablo - NB	35th	Park	Oakland - Emeryville	0.42	II	North	2	INRIX	1,095	16.4	D	INRIX	672	19.8	C	INRIX	672	15.9	D

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Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A175	SR 123 San Pablo - NB	Park	53rd	Emeryville	0.34	II	North	2	INRIX	3,471	18.7	C	INRIX	661	22.2	C	INRIX	661	20.0	C
A176	SR 123 San Pablo - NB	53rd	Stanford	Oakland	0.27	II	North	2	INRIX	3,471	18.7	C	INRIX	633	22.2	C	INRIX	633	25.7	B
A177	SR 123 San Pablo - NB	Stanford	Ashby	Oakland	0.80	II	North	2	INRIX	3,076	15.6	D	INRIX	692	20.3	C	INRIX	692	19.7	C
A178	SR 123 San Pablo - NB	Ashby	Dwight	Berkeley	0.64	II	North	2	INRIX	1,556	22.1	C	INRIX	665	20.8	C	INRIX	665	24.4	B
A179	SR 123 San Pablo - NB	Dwight	Allston	Berkeley	0.38	II	North	2	INRIX	2,167	18.9	C	INRIX	686	21.4	C	INRIX	686	20.5	C
A180	SR 123 San Pablo - NB	Allston	University	Berkeley	0.19	III	North	2	INRIX	2,167	18.9	C	INRIX	686	20.6	B	INRIX	686	14.8	C
A181	SR 123 San Pablo - NB	University	Gilman	Berkeley	0.81	II	North	2	INRIX	1,407	17.9	D	INRIX	642	21.1	C	INRIX	642	20.8	C
A182	SR 123 San Pablo - NB	Gilman	Marin	Albany - Berkeley	0.45	II	North	2	INRIX	2,249	17.9	D	INRIX	635	21.6	C	INRIX	635	25.7	B
A183	SR 123 San Pablo - NB	Marin	Washington	Albany	0.36	III	North	2	INRIX	1,562	18.7	C	INRIX	665	21.6	B	INRIX	665	21.1	B
A184	SR 123 San Pablo - NB	Washington	Carlson	Albany	0.51	II	North	2	INRIX	2,143	19.7	C	INRIX	660	21.9	C	INRIX	660	23.7	C
A185	SR 185 (International Blvd) - SB	42nd	46th St	Oakland	0.29	II	North	2	INRIX	585	17.5	D	INRIX	679	16.9	D	INRIX	679	17.4	D
A186	SR 185 (International Blvd) - SB	46th St	Seminary	Oakland	0.78	II	North	2	INRIX	1,326	20.7	C	INRIX	634	17.3	D	INRIX	634	17.2	D
A187	SR 185 (International Blvd) - SB	Seminary	73rd	Oakland	0.80	II	North	2	INRIX	897	13.1	E	INRIX	647	17.1	D	INRIX	647	17.3	D

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Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A188	SR 185 (International Blvd) - SB	73rd Ave	98th Ave	Oakland	1.41	II	North	2	INRIX	337	18.0	C	INRIX	421	17.3	D	INRIX	421	17.8	D
A189	SR 185 (International Blvd) - SB	98th	Broadmoor	Oakland	0.75	II	North	2	INRIX	1,131	19.3	C	INRIX	661	16.8	D	INRIX	661	19.7	C
A190	SR 185 (14th) - SB	Broadmoor	Davis	San Leandro	0.73	II	Central	2	INRIX	2,222	19.3	C	INRIX	690	20.2	C	INRIX	690	21.3	C
A191	SR 185 (14th) - SB	Davis	San Leandro	San Leandro	1.06	III	Central	2	INRIX	1,530	19.1	B	INRIX	614	21.1	B	INRIX	614	19.8	B
A192	SR 185 (14th) - SB	San L Blvd	Hesperian	San Leandro	0.94	II	Central	2	INRIX	2,278	21.8	C	INRIX	622	22.6	C	INRIX	622	24.5	B
A193	SR 185 (14th) - SB	Hesperian	Bayfair	San Leandro	0.47	II	Central	2	INRIX	862	19.8	C	INRIX	677	20.7	C	INRIX	677	22.8	C
A194	SR 185 (14th) - SB	Bayfair	170th	Alameda County	1.19	II	South	2	INRIX	573	20.0	C	INRIX	681	19.9	C	INRIX	681	20.6	C
A195	SR 185 (14th) - SB	170th	Llewelling	Alameda County	0.20	II	South	2	INRIX	2,359	21.3	C	INRIX	696	20.2	C	INRIX	696	23.5	C
A196	SR 185 (14th) - SB	Llewelling	Sunset	Alameda County	1.05	II	South	2	INRIX	1,516	20.3	C	INRIX	715	23.3	C	INRIX	715	24.2	B
A197	SR 185 Hayward - SB	Sunset	SR 92/238	Hayward	0.84	III	Central	2	INRIX	2,996	16.7	C	INRIX	720	20.9	B	INRIX	720	19.9	B
A198	SR 185 Hayward - NB	A Street (SR 92/238 until 2012)	Sunset	Hayward	0.43	III	Central	2	INRIX	1,390	20.4	B	INRIX	675	23.2	B	INRIX	675	27.0	A
A199	SR 185 (14th) - NB	Sunset	Llewelling	Alameda County	1.05	II	South	2	INRIX	685	23.2	C	INRIX	670	24.5	B	INRIX	670	25.1	B
A200	SR 185 (14th) - NB	Llewelling	170th	Alameda County	0.20	II	South	2	INRIX	1,752	25.2	B	INRIX	704	24.2	B	INRIX	704	25.2	B
A201	SR 185 (14th) - NB	170th	Bayfair	Alameda County	1.19	II	South	2	INRIX	1,386	19.8	C	INRIX	712	21.0	C	INRIX	712	21.7	C

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Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A202	SR 185 (14th) - NB	Bayfair	Hesperian	San Leandro	0.47	II	Central	2	INRIX	1,633	20.1	C	INRIX	720	24.1	B	INRIX	720	22.2	C
A203	SR 185 (14th) - NB	Hesperian	San L Blvd	San Leandro	0.94	II	Central	2	INRIX	2,986	19.6	C	INRIX	720	23.9	C	INRIX	720	23.8	C
A204	SR 185 (14th) - NB	San Leandro	Davis	San Leandro	1.06	III	Central	1	INRIX	1,617	15.4	C	INRIX	685	21.8	B	INRIX	685	17.6	C
A205	SR 185 (14th) - NB	Davis	Broadmoor	San Leandro	0.73	II	Central	2	INRIX	2,323	19.9	C	INRIX	661	20.7	C	INRIX	661	23.1	C
A206	SR 185 (International Blvd) - NB	Broadmoor	98th	Oakland	0.75	II	North	2	INRIX	673	15.9	D	INRIX	665	19.0	C	INRIX	665	18.2	C
A207	SR 185 (International Blvd) - NB	98th Ave	73rd Ave	Oakland	1.41	II	North	2	INRIX	1,050	15.1	D	INRIX	574	18.9	C	INRIX	574	16.8	D
A208	SR 185 (International Blvd) - NB	73rd Ave	Seminary	Oakland	0.80	II	North	2	INRIX	1,134	13.8	E	INRIX	682	17.7	D	INRIX	682	18.5	C
A209	SR 185 (International Blvd) - NB	Seminary	46th St	Oakland	0.78	II	North	2	INRIX	2,245	16.6	D	INRIX	680	16.5	D	INRIX	680	19.0	C
A210	SR 185 (International Blvd) - NB	46th St	42nd	Oakland	0.29	II	North	2	INRIX	1,453	14.2	D	INRIX	705	14.4	D	INRIX	705	14.0	D
A211	SR 238 (Foothill) - NB	Jackson	City Center	Hayward	0.63	III	Central	4	INRIX	3,640	17.7	C	INRIX	715	18.8	C	INRIX	715	20.2	B
A212	SR 238 (Foothill) - NB	City Center	I-580	Hayward	0.73	II	South	3	INRIX	3,167	25.5	B	INRIX	720	26.6	B	INRIX	720	28.0	B
A213	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Alameda County	0.68	I	South	1	Floating Car	6	49.5	A	INRIX	720	50.4	A	INRIX	720	49.0	A
A214	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Alameda County	0.73	I	South	3	Floating Car	6	32.9	B	INRIX	720	54.8	A	INRIX	720	53.9	A

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Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A215	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hayward - Alameda County	1.04	II	Central	3	INRIX	3,477	21.1	C	INRIX	720	28.4	B	INRIX	720	27.8	B
A216	SR 238 (Foothill) - SB	City Center	A Street	Hayward	0.16	III	Central	3	INRIX	3,576	18.6	C	INRIX	720	21.9	B	INRIX	720	13.8	C
A217	SR 238 (Mission) - NB	680 NB Rmp	Stevenson	Fremont	2.35	I	South	2	INRIX	2,228	31.7	B	INRIX	720	37.2	A	INRIX	720	34.9	B
A218	SR 238 (Mission) - NB	Stevenson	Nursery	Fremont	2.43	I	South	2	INRIX	2,926	32.1	B	INRIX	720	35.1	A	INRIX	720	36.4	A
A219	SR 238 (Mission) - NB	Nursery	Tamarack	Union City	2.63	I	South	3	INRIX	3,021	34.6	B	INRIX	718	38.7	A	INRIX	718	37.3	A
A220	SR 238 (Mission) - NB	Tamarack	Industrial	Union City - Hayward	1.96	I	South	3	INRIX	3,692	28.0	B	INRIX	715	33.4	B	INRIX	715	34.1	B
A221	SR 238 (Mission) - NB	Industrial	Sorenson	Hayward	1.46	II	Central	2	INRIX	3,685	25.6	B	INRIX	720	32.7	A	INRIX	720	29.8	B
A222	SR 238 (Mission) - NB	Sorenson	Jackson	Hayward	1.83	II	Central	2	INRIX	3,652	23.7	C	INRIX	720	28.3	B	INRIX	720	28.3	B
A223	SR 238 (Mission) - SB	Jackson	Sorenson	Hayward	1.83	II	Central	2	INRIX	3,621	24.1	B	INRIX	720	30.6	A	INRIX	720	27.1	B
A224	SR 238 (Mission) - SB	Sorenson	Industrial	Hayward	1.46	II	Central	2	INRIX	3,706	22.6	C	INRIX	720	31.1	A	INRIX	720	25.6	B
A225	SR 238 (Mission) - SB	Industrial	Tamarack	Hayward - Union City	1.96	I	Central	3	INRIX	3,706	20.7	D	INRIX	720	31.1	B	INRIX	720	28.8	B
A226	SR 238 (Mission) - SB	Tamarack	Nursery	Union City	2.63	I	South	3	INRIX	3,630	26.0	C	INRIX	720	35.2	A	INRIX	720	29.5	B
A227	SR 238 (Mission) - SB	Nursery	Stevenson	Fremont	2.43	I	South	2	INRIX	3,675	25.7	C	INRIX	720	33.2	B	INRIX	720	32.0	B
A228	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fremont	2.35	I	South	2	INRIX	3,098	27.7	C	INRIX	720	36.8	A	INRIX	720	31.8	B
A229	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oakland	1.35	I	North	2	INRIX	2,702	16.6	E	INRIX	6	33.2	B	INRIX	6	25.2	C

LOS is presented as calculated using the 1985/2000 HCM standards



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 1) - AM Peak Period (INRIX Data)									2018 Results				2020 Results				2022 Results			
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Arterial Class	Plan Area	# Lanes	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS	Method	Sample	Speed	LOS
A230	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oakland	1.43	I	North	2	INRIX	300	33.9	B	INRIX	9	34.3	B	INRIX	9	32.8	B
A231	SR 262 (Mission) - EB	I-880 NB	I-680 NB	Fremont	1.48	I	South	2	INRIX	3,699	31.7	B	INRIX	646	39.2	A	INRIX	646	34.8	B
A232	SR 262 (Mission) - WB	I-680 NB	I-880 SB	Fremont	1.67	I	South	2	INRIX	3,703	32.1	B	INRIX	703	37.5	A	INRIX	703	32.7	B
A233	SR 84 (Liv) - NB - realign	Airway	I-580 WB (off)	Livermore	0.52	I	East	3	INRIX	3,385	35.0	B	INRIX	720	34.7	B	INRIX	720	36.8	A
A234	SR 84 (Liv) - SB - realign	I-580 WB (off)	Airway)	Livermore	0.53	I	East	3	INRIX	3,263	25.0	C	INRIX	720	26.6	C	INRIX	720	23.4	C

LOS is presented as calculated using the 1985/2000 HCM standards



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T1	W.Grand Ave - Grand Ave -EB	I-80/Maritime St	San Pablo Ave	Oakland	1.63	North	2	3	776	19.7	C/C	720	23.1	C/C	888	23.9	C/C
T2	W.Grand Ave - Grand Ave -EB	San Pablo Ave	Broadway	Oakland	0.40	North	3	4	1,845	12.0	D/D	720	17.5	C/C	888	14.3	C/C
T3	W.Grand Ave - Grand Ave -EB	Broadway	I-580	Oakland	1.08	North	3	4	1,647	12.1	D/D	699	15.5	C/C	888	14.5	C/C
T4	W.Grand Ave - Grand Ave -WB	I-580	Broadway	Oakland	1.08	North	3	4	814	14.8	C/C	694	16.2	C/C	878	16.1	C/C
T5	W.Grand Ave - Grand Ave -WB	Broadway	San Pablo Ave	Oakland	0.40	North	3	4	2,206	13.0	C/D	720	17.3	C/C	888	14.2	C/C
T6	W.Grand Ave - Grand Ave -WB	San Pablo Ave	I-80/Maritime St	Oakland	1.63	North	2	3	2,394	26.8	B/B	690	25.2	B/B	73	25.3	B/B
T7	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	I-980 ON Ramp/Brush St	Webster	Oakland	0.60	North	3	4	na	na	na	720	14.3	C/C	888	13.1	C/C
T8	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	Webster	East side of Lake Merritt Channel	Oakland	0.66	North	3	4	na	na	na	38	15.4	C/C	121	14.6	C/C
T9	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	East side of Lake Merritt Channel	MacArthur Blvd/I-580 ON Ramp	Oakland	1.15	North	3	4	1,255	13.0	C/D	652	15.6	C/C	857	16.2	C/C
T10	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	MacArthur Blvd/I-580 ON Ramp	East side of Lake Merritt Channel	Oakland	1.15	North	3	4	758	15.0	C/C	667	16.6	C/C	872	16.0	C/C
T11	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	East side of Lake Merritt Channel	Webster	Oakland	0.64	North	3	4	na	na	na	711	14.1	C/C	888	13.8	C/C
T12	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	Webster	I-980 OFF Ramp/Brush St	Oakland	0.60	North	3	4	na	na	na	711	14.2	C/C	888	12.6	D/D
T13	Telegraph Ave-NB	51st Street	Russell St	Oakland	1.41	North	3	4	1,392	15.1	C/C	715	17.4	C/C	887	17.6	C/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T14	Telegraph Ave-NB	Russell St	Bancroft Way	Berkeley	0.77	North	3	4	948	12.9	D/D	720	16.1	C/C	888	14.6	C/C
T15	Dana-Dwight-Telegraph-SB	Bancroft Way	Russell St	Berkeley	0.90	North	3	4	na	na	na	435	20.0	B/B	845	18.8	C/C
T16	Telegraph Ave-SB	Russell St	51st Street	Oakland	1.41	North	3	4	1,205	16.4	C/C	715	17.5	C/C	888	17.4	C/C
T17	Broadway-SB	Broadway/College Ave	Grand Ave	Oakland	1.91	North	2	3	1,547	11.9	E/E	720	15.3	D/D	888	15.0	D/D
T18	Broadway-SB	Grand Ave	14th St	Oakland	0.55	North	3	4	1,654	10.1	D/D	720	13.5	C/C	888	10.0	D/D
T19	Broadway-SB	14th St	5th St/Broadway	Oakland	0.48	North	3	4	2,496	7.3	E/E	na	na	na	888	10.8	D/D
T20	Broadway (Connection to I-880)-SB	5th St/Broadway	I-880 ON Ramp	Oakland	0.21	North	1	1	na	na	na	908	27.0	C/D	876	21.4	D/D
T21	Broadway (Connection to I-880)-NB	I-880 OFF Ramp	5th St/Broadway	Oakland	1.26	North	1	2	na	na	na	929	17.9	D/D	888	16.2	E/E
T22	Broadway-NB	5th St/Broadway	14th St	Oakland	0.48	North	3	4	631	8.5	E/E	720	10.2	D/D	888	11.5	D/D
T23	Broadway-NB	14th St	Grand Ave	Oakland	0.55	North	3	4	1,411	11.1	D/D	716	13.8	C/C	888	12.4	D/D
T24	Broadway-NB	Grand Ave	Broadway/College Ave	Oakland	1.91	North	2	3	2,357	12.6	E/E	716	16.3	D/D	888	15.4	D/D
T25	Durant-EB	Shattuck	College Ave.	Berkeley	0.73	North	3	4	na	na	na	720	15.0	C/C	888	14.3	C/C
T26	College Avenue-SB	Bancroft Way/College Ave	Ashby Ave	Berkeley	0.85	North	3	4	1,704	9.1	D/D	680	13.3	C/C	835	11.3	D/D
T27	College Avenue-SB	Ashby Ave	Miles Ave/SR 24 OFF Ramp	Oakland	0.83	North	3	4	1,513	11.6	D/D	702	13.9	C/C	867	12.4	D/D
T28	College Avenue-SB	Miles Ave/SR 24 OFF Ramp	Broadway/College Ave	Oakland	0.61	North	3	4	2,378	12.5	D/D	594	14.9	C/C	844	13.9	C/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T29	College Avenue-NB	Broadway/College Ave	Miles Ave/SR 24 OFF Ramp	Oakland	0.61	North	3	4	2,101	11.5	D/D	519	14.3	C/C	831	13.1	C/C
T30	College Avenue-NB	Miles Ave/SR 24 OFF Ramp	Ashby Ave	Oakland	0.83	North	3	4	1,417	9.4	D/D	699	13.8	C/C	854	12.2	D/D
T31	College Avenue-NB	Ashby Ave	Bancroft Way/College Ave	Berkeley	0.85	North	3	4	1,658	11.2	D/D	642	13.4	C/C	759	12.6	D/D
T32	Bancroft-WB	College Ave.	Shattuck	Berkeley	0.73	North	3	4	482	10.8	D/D	620	15.1	C/C	869	12.4	D/D
T33	51st Street-EB	SR 24 Off Ramp/52nd St	Broadway	Oakland	0.75	North	3	4	2,981	14.5	C/C	694	18.2	C/C	888	18.7	C/C
T34	51st Street-WB	Broadway	SR 24 Off Ramp/52nd St	Oakland	0.75	North	3	4	694	17.4	C/C	678	17.2	C/C	877	17.3	C/C
T35	Shattuck Avenue-NB	51st	Alcatraz Ave.	Oakland	0.81	North	3	4	3,062	16.4	C/C	715	18.9	C/C	888	18.3	C/C
T36	Shattuck Avenue-NB	Alcatraz Ave.	Adeline St.	Oakland	0.70	North	3	4	2,479	13.6	C/C	720	16.4	C/C	888	15.5	C/C
T37	Shattuck Avenue-SB	Adeline St.	Alcatraz Ave.	Oakland	0.70	North	3	4	2,454	10.5	D/D	720	15.0	C/C	888	12.7	D/D
T38	Shattuck Avenue-SB	Alcatraz Ave.	51st	Oakland	0.81	North	3	4	3,134	17.3	C/C	720	17.9	C/C	888	17.4	C/C
T39	Powell Street-Stanford Avenue-EB	NB I-80 OFF Ramp	San Pablo Ave	Emeryville	0.75	North	2	3	na	na	na	687	15.9	D/D	884	18.4	C/C
T40	Powell Street-Stanford Avenue-EB	San Pablo Ave	MLK Jr Way	Oakland	0.76	North	2	3	na	na	na	578	23.2	C/C	804	24.5	B/B
T41	Powell Street-Stanford Avenue-WB	MLK Jr Way	San Pablo Ave	Oakland	0.76	North	2	3	na	na	na	464	21.7	C/C	837	23.8	C/C

LOS is presented as calculated using the 1985/2000 HCM standards



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T42	Powell Street-Stanford Avenue-WB	San Pablo Ave	NB I-80 OFF Ramp	Emeryville	0.75	North	2	3	2,181	15.1	D/D	660	17.5	D/D	824	17.5	D/D
T43	40thStreet-Shellmound Avenue-EB	Shellmound Way (north of Powell St)	40th St	Emeryville	0.73	North	2	3	na	na	na	720	26.1	B/B	883	26.4	B/B
T44	40thStreet-Shellmound Avenue-EB	40th St	San Pablo Ave	Emeryville	0.68	North	3	4	1,142	11.6	D/D	720	18.5	C/C	883	20.5	B/B
T45	40thStreet-Shellmound Avenue-WB	San Pablo Ave	40th St	Emeryville	0.68	North	3	4	658	16.6	C/C	720	17.1	C/C	875	19.1	B/B
T46	40thStreet-Shellmound Avenue-WB	40th St	Shellmound Way (north of Powell St)	Emeryville	0.73	North	2	3	na	na	na	720	17.0	D/D	888	18.2	C/C
T47	International Boulevard-NB	42nd Ave	Fruitvale Ave	Oakland	0.62	North	3	4	1,240	12.2	D/D	708	14.7	C/C	888	13.3	C/C
T48	International Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1.38	North	3	4	470	18.2	C/C	683	15.9	C/C	875	17.6	C/C
T49	International Boulevard-NB	14th Ave	Lake Merritt Blvd	Oakland	0.88	North	3	4	364	18.1	C/C	670	17.1	C/C	875	18.7	C/C
T50	International Boulevard-SB	Lake Merritt Blvd	14th Ave	Oakland	0.88	North	3	4	780	18.5	C/C	709	17.1	C/C	888	17.5	C/C
T51	International Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1.38	North	3	4	1,061	17.7	C/C	701	14.9	C/C	888	16.4	C/C
T52	International Boulevard-SB	Fruitvale Ave	42nd Ave	Oakland	0.62	North	3	4	1,503	9.0	D/E	720	12.7	D/D	888	12.2	D/D
T53	73d Ave-NB	International Blvd/73rd Ave	73rd Ave/Foothill Blvd	Oakland	1.07	North	2	3	2,317	19.1	C/C	716	20.6	C/C	888	21.6	C/C
T54	Foothill Boulevard-NB	73rd Ave/Foothill Blvd	Seminary Ave	Oakland	1.02	North	3	4	153	17.4	C/C	462	17.7	C/C	654	19.9	B/B

LOS is presented as calculated using the 1985/2000 HCM standards



APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T55	Foothill Boulevard-NB	Seminary Ave	High Street	Oakland	1.22	North	3	4	370	18.2	C/C	671	17.6	C/C	879	18.3	C/C
T56	Foothill Boulevard-NB	High Street	Fruitvale Ave	Oakland	0.90	North	3	4	152	10.0	D/D	537	13.6	C/C	757	13.3	C/C
T57	Foothill Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1.32	North	2	3	369	18.5	C/C	469	17.5	D/D	691	18.3	C/C
T58	Foothill Boulevard-NB	14th Ave	1st Ave/Lake Shore Blvd	Oakland	0.88	North	3	4	54	17.8	C/C	581	18.9	C/C	817	17.7	C/C
T60	Foothill Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1.32	North	2	3	284	15.8	D/D	640	15.6	D/D	736	16.4	D/D
T61	Foothill Boulevard-SB	Fruitvale Ave	High Street	Oakland	0.90	North	3	4	247	9.6	D/D	465	13.3	C/C	664	12.2	D/D
T62	Foothill Boulevard-SB	High Street	Seminary Ave	Oakland	1.22	North	3	4	575	17.5	C/C	678	17.0	C/C	871	17.8	C/C
T63	Foothill Boulevard-SB	Seminary Ave	73rd Ave/Foothill Blvd	Oakland	1.02	North	3	4	276	12.9	D/D	551	16.6	C/C	832	18.7	C/C
T64	73d Ave-SB	73rd Ave/Foothill Blvd	International Blvd/73rd Ave	Oakland	1.07	North	2	3	1,494	20.2	C/C	720	19.1	C/C	888	22.2	C/C
T65	E. 15th Street-SB/14th Avenue	1st Avenue	Foothill Blvd/14th Avenue	Oakland	0.98	North	3	4	na	na	na	na	na	na	na	na	na
T66	High Street-EB	Otis Drive	Central Ave	Alameda	0.58	North	3	4	505	19.2	B/B	707	18.5	C/C	938	19.2	B/B
T67	High Street-EB	Central Ave	Fernside Blvd	Alameda	0.48	North	3	4	1,695	16.3	C/C	707	18.5	C/C	938	18.5	C/C
T68	High Street-EB	Fernside Blvd	NB I-880 OFF Ramp	Oakland	0.50	North	2	3	576	10.9	E/E	687	12.3	E/E	790	13.3	E/E
T69	High Street-EB	NB I-880 OFF Ramp	Foothill Blvd	Oakland	0.61	North	3	4	945	10.6	D/D	713	12.7	D/D	888	13.1	C/C
T70	High Street-EB	Foothill Blvd	MacArthur Blvd/WB I-580 OFF Ramp	Oakland	1.29	North	3	4	1,049	18.8	C/C	720	18.0	C/C	888	18.2	C/C
T71	High Street-WB	MacArthur Blvd/WB I-580 OFF Ramp	Foothill Blvd	Oakland	1.29	North	3	4	707	18.3	C/C	708	17.4	C/C	869	18.3	C/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T72	High Street-WB	Foothill Blvd	NB I-880 OFF Ramp	Oakland	0.61	North	3	4	1,029	10.2	D/D	720	15.0	C/C	888	13.6	C/C
T73	High Street-WB	NB I-880 OFF Ramp	Fernside Blvd	Oakland	0.50	North	2	3	2,068	17.3	D/D	720	14.8	D/D	888	17.8	D/D
T74	High Street-WB	Fernside Blvd	Central Ave	Alameda	0.48	North	3	4	2,420	18.5	C/C	720	18.4	C/C	937	19.1	B/B
T75	High Street-WB	Central Ave	Otis Drive	Alameda	0.58	North	3	4	1,301	16.8	C/C	594	18.0	C/C	765	18.1	C/C
T76	Crow Canyon Road/Grove Way-NB	A Street/Redwood Road	EB I-580 ON Ramp/Grove Way	Alameda County	0.95	Central	2	3	2,008	18.2	C/C	720	23.2	C/C	948	25.0	B/B
T77	Crow Canyon Road/Grove Way-NB	EB I-580 ON Ramp/Grove Way	Cull Canyon	Alameda County	0.81	Central	1	2	3,659	22.7	C/C	715	26.6	C/C	858	24.0	C/C
T78	Crow Canyon Road-NB	Cull Canyon	Cold Water Dr	Alameda County	0.88	Central	1	2	3,675	36.7	A/A	720	36.0	A/A	876	26.4	C/C
T79	Crow Canyon Road-NB	Cold Water Dr	0.43 miles north of Norris Canyon Rd	Alameda County	2.41	Central	1	2	3,706	36.5	B/-	720	43.0	A/A	876	41.9	A/A
T80	Crow Canyon Road-NB	0.43 miles north of Norris Canyon Rd	County Line	Alameda County	2.97	Central	1	1	3,706	36.5	B/-	720	43.3	A/A	876	41.5	A/B
T81	Crow Canyon Road-SB	County Line	0.43 miles north of Norris Canyon Rd	Alameda County	2.97	Central	1	1	3,706	37.2	B/-	720	43.0	A/A	873	41.9	A/B
T82	Crow Canyon Road-SB	0.43 miles north of Norris Canyon Rd	Cold Water Dr	Alameda County	2.40	Central	1	2	3,706	37.2	B/-	720	42.4	A/A	873	39.4	A/A
T83	Crow Canyon Road-SB	Cold Water Dr	Cull Canyon	Alameda County	0.89	Central	1	2	2,981	35.9	A/A	720	33.4	B/B	871	30.1	B/B
T84	Crow Canyon Road/Grove Way-SB	Cull Canyon	EB I-580 ON Ramp/Grove Way	Alameda County	0.82	Central	1	2	2,335	25.3	C/C	720	26.2	C/C	876	29.4	B/B
T85	Crow Canyon Road/Grove Way-SB	EB I-580 ON Ramp/Grove Way	A Street/Redwood Road	Alameda County	0.94	Central	2	3	935	23.2	C/C	705	24.6	B/B	935	24.7	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T86	Winton Avenue - D Street-EB	Hesperian Blvd.	SB I-880 ON Ramp	Hayward	0.39	Central	2	3	3,695	14.7	D/D	720	17.0	D/D	948	16.1	D/D
T87	Winton Avenue - D Street-EB	SB I-880 ON Ramp	Santa Clara St	Hayward	0.35	Central	2	3	3,599	18.8	C/C	720	16.8	D/D	948	18.1	C/C
T88	Winton Avenue - D Street-EB	Santa Clara St	Soto Rd	Hayward	0.55	Central	2	3	3,666	16.7	D/D	720	20.5	C/C	948	20.7	C/C
T89	Winton Avenue - D Street-EB	Soto Rd	Foothill Boulevard/D St	Hayward	0.92	Central	2	3	2,803	13.0	E/E	720	16.6	D/D	948	16.7	D/D
T90	Winton Avenue - D Street-WB	Foothill Boulevard/D St	Soto Rd	Hayward	0.92	Central	2	3	864	17.7	D/D	720	20.3	C/C	937	21.3	C/C
T91	Winton Avenue - D Street-WB	Soto Rd	Santa Clara St	Hayward	0.55	Central	2	3	2,572	16.3	D/D	720	21.7	C/C	948	22.2	C/C
T92	Winton Avenue - D Street-WB	Santa Clara St	SB I-880 ON Ramp	Hayward	0.35	Central	2	3	2,510	30.2	A/A	720	24.8	B/B	948	29.3	B/B
T93	Winton Avenue - D Street-WB	SB I-880 ON Ramp	Hesperian Blvd.	Hayward	0.39	Central	2	3	3,693	19.3	C/C	720	21.6	C/C	948	19.9	C/C
T94	A Street-EB	Foothill Boulevard/A St	Redwood Rd/Grove Way	Alameda County	0.80	Central	2	3	3,483	19.0	C/C	720	22.4	C/C	948	21.8	C/C
T95	A Street-EB	Redwood Rd/Grove Way	EB I-580 ON Ramp/ Grove Way	Alameda County	0.42	Central	2	3	3,293	19.2	C/C	720	22.4	C/C	948	19.6	C/C
T96	A Street-WB	EB I-580 ON Ramp/ Grove Way	Redwood Rd/Grove Way	Alameda County	0.42	Central	2	3	3,223	20.1	C/C	720	21.4	C/C	948	21.7	C/C
T97	A Street-WB	Redwood Rd/Grove Way	Foothill Boulevard/A St	Alameda County	0.80	Central	2	3	3,174	19.1	C/C	720	21.7	C/C	948	20.3	C/C
T98	Hesperian Boulevard-Union City Blvd-NB	Union City/Alvarado Blvd	Whipple Rd	Union City	0.98	South	1	2	3,590	12.3	F/F	720	22.3	C/C	888	20.1	D/D
T99	Hesperian Boulevard-Union City Blvd-NB	Whipple Rd	Hesperian/Union City Blvd/overbridge	Union City	0.30	South	1	2	3,706	11.9	F/F	720	19.0	D/D	888	19.1	D/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T100	Hesperian Boulevard-Union City Blvd-NB	Hesperian/Union City Blvd/overbridge	Industrial Blvd	Hayward	0.57	South	1	2	3,702	14.3	E/E	720	20.2	D/D	888	19.0	D/D
T101	Hesperian Boulevard-Union City Blvd-NB	Industrial Blvd	Tennyson/Hesperian	Hayward	1.05	South	2	3	3,526	23.8	C/C	720	27.5	B/B	948	27.4	B/B
T102	Hesperian Boulevard-Union City Blvd-SB	Tennyson/Hesperian	Industrial Blvd	Hayward	1.05	South	2	3	2,744	23.0	C/C	720	30.0	A/A	947	32.1	A/A
T103	Hesperian Boulevard-Union City Blvd-SB	Industrial Blvd	Hesperian/Union City Blvd/overbridge	Hayward	0.57	South	1	2	757	21.2	D/D	720	23.6	C/C	888	25.2	C/C
T104	Hesperian Boulevard-Union City Blvd-SB	Hesperian/Union City Blvd/overbridge	Whipple Rd	Union City	0.30	South	1	2	3,546	23.8	C/C	720	20.7	D/D	888	21.4	D/D
T105	Hesperian Boulevard-Union City Blvd-SB	Whipple Rd	Union City/Alvarado Blvd	Union City	0.98	South	1	2	2,565	24.2	C/C	720	28.4	B/B	888	28.6	B/B
T106	Alvarado Blvd.-NB	NB I-880 ON Ramp	Deep Creek Rd/SB I-880 OFF Ramp	Fremont	0.22	South	1	2	3,394	26.0	C/C	720	26.9	C/C	948	28.2	B/B
T107	Alvarado Blvd.-NB	Deep Creek Rd/SB I-880 OFF Ramp	Fair Ranch Rd	Union City	1.42	South	1	2	2,528	22.7	C/C	720	26.5	C/C	888	26.0	C/C
T108	Alvarado Blvd.-NB	Fair Ranch Rd	Union City/Alvarado Blvd	Union City	0.51	South	1	2	2,536	19.9	D/D	720	20.7	D/D	888	22.4	C/C
T109	Alvarado Blvd.-SB	Union City/Alvarado Blvd	Fair Ranch Rd	Union City	0.51	South	1	2	2,103	17.3	D/D	720	19.6	D/D	888	22.9	C/C
T110	Alvarado Blvd.-SB	Fair Ranch Rd	Deep Creek Rd/SB I-880 OFF Ramp	Union City	1.42	South	1	2	1,879	22.9	C/C	720	25.9	C/C	888	25.9	C/C
T111	Alvarado Blvd.-SB	Deep Creek Rd/SB I-880 OFF Ramp	NB I-880 ON Ramp	Fremont	0.22	South	1	2	2,979	24.6	C/C	720	24.2	C/C	948	27.4	C/C

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T112	Fremont Boulevard-NB	NB I-880 OFF Ramp	Automall Parkway	Fremont	1.28	South	1	2	3,309	20.7	D/D	720	23.1	C/C	948	23.7	C/C
T113	Fremont Boulevard-NB	Automall Parkway	Blacow Rd	Fremont	0.91	South	1	2	3,576	31.2	B/B	720	27.2	C/C	948	32.1	B/B
T114	Fremont Boulevard-NB	Blacow Rd	Adams Ave	Fremont	0.38	South	1	2	3,653	24.5	C/C	720	23.7	C/C	948	27.7	C/C
T115	Fremont Boulevard-NB	Adams Ave	Stevenson Rd	Fremont	1.17	South	2	3	3,306	24.6	B/B	720	20.5	C/C	948	20.9	C/C
T116	Fremont Boulevard-NB	Stevenson Rd	Mowry Ave	Fremont	1.00	South	2	3	2,692	24.4	B/B	720	19.3	C/C	948	21.9	C/C
T117	Fremont Boulevard-NB	Mowry Ave	Peralta Blvd	Fremont	1.21	South	2	3	2,911	23.2	C/C	720	22.5	C/C	948	21.3	C/C
T118	Fremont Boulevard-NB	Peralta Blvd	Thornton Ave	Fremont	0.33	South	2	3	2,731	15.0	D/D	720	17.7	D/D	940	17.0	D/D
T119	Fremont Boulevard-NB	Thornton Ave	Decoto Rd	Fremont	1.33	South	1	2	3,075	25.8	C/C	720	26.5	C/C	948	25.1	C/C
T120	Fremont Boulevard-NB	Decoto Rd	Paseo Padre Pkwy	Fremont	0.56	South	1	2	3,185	23.5	C/C	720	25.2	C/C	948	27.1	C/C
T121	Fremont Boulevard-NB	Paseo Padre Pkwy	NB I-880 OFF Ramp	Fremont	0.39	South	1	2	3,068	24.2	C/C	720	25.5	C/C	948	28.4	B/B
T122	Fremont Boulevard-SB	NB I-880 OFF Ramp	Paseo Padre Pkwy	Fremont	0.39	South	1	2	2,206	22.9	C/C	720	25.6	C/C	948	26.7	C/C
T123	Fremont Boulevard-SB	Paseo Padre Pkwy	Decoto Rd	Fremont	0.56	South	1	2	1,709	24.7	C/C	720	25.5	C/C	948	25.4	C/C
T124	Fremont Boulevard-SB	Decoto Rd	Thornton Ave	Fremont	1.33	South	1	2	2,060	24.7	C/C	720	25.4	C/C	948	25.5	C/C
T125	Fremont Boulevard-SB	Thornton Ave	Peralta Blvd	Fremont	0.32	South	2	3	3,003	17.1	D/D	720	18.5	C/C	948	19.1	C/C
T126	Fremont Boulevard-SB	Peralta Blvd	Mowry Ave	Fremont	1.21	South	2	3	2,002	22.8	C/C	700	23.2	C/C	948	22.1	C/C

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T127	Fremont Boulevard-SB	Mowry Ave	Stevenson Rd	Fremont	1.00	South	2	3	1,593	23.7	C/C	720	19.6	C/C	948	22.0	C/C
T128	Fremont Boulevard-SB	Stevenson Rd	Adams Ave	Fremont	1.17	South	2	3	1,705	22.3	C/C	720	20.7	C/C	948	23.0	C/C
T129	Fremont Boulevard-SB	Adams Ave	Blacow Rd	Fremont	0.38	South	1	2	2,376	21.9	D/D	720	27.0	C/C	948	27.1	C/C
T130	Fremont Boulevard-SB	Blacow Rd	Automall Parkway	Fremont	0.91	South	1	2	1,994	27.1	C/C	720	27.9	C/C	948	31.3	B/B
T131	Fremont Boulevard-SB	Automall Parkway	NB I-880 OFF Ramp	Fremont	1.28	South	1	2	1,407	27.6	C/C	720	25.3	C/C	948	31.2	B/B
T132	Automall Parkway-EB	NB I-880 OFF Ramp	Fremont Blvd	Fremont	0.85	South	1	2	3,668	23.8	C/C	720	22.7	C/C	948	22.6	C/C
T133	Automall Parkway-EB	Fremont Blvd	NB I-680 ON Ramp	Fremont	0.74	South	1	2	3,634	13.1	E/E	720	20.5	D/D	948	23.6	C/C
T134	Automall Parkway-WB	NB I-680 ON Ramp	Fremont Blvd	Fremont	0.75	South	1	2	2,735	21.5	D/D	720	26.9	C/C	948	24.0	C/C
T135	Automall Parkway-WB	Fremont Blvd	NB I-880 OFF Ramp	Fremont	0.85	South	1	2	3,443	24.5	C/C	720	24.8	C/C	948	28.4	B/B
T136	Vasco Road-NB	WB I-580 OFF Ramp	Scenic Ave	Livermore	0.44	East	1	2	3,599	9.0	F/F	720	25.0	C/C	888	13.2	E/E
T137	Vasco Road-NB	Scenic Ave	Dalton Ave/City-County Line	Livermore	0.68	East	1	2	3,705	8.1	F/F	720	25.8	C/C	888	9.7	F/F
T138	Vasco Road-NB	Dalton Ave/City-County Line	N. Vasco Rd/Vasco Rd	Alameda County	3.11	East	1	2	3,700	40.6	C/-	720	49.6	A/A	888	47.7	A/A
T139	Vasco Road-NB	N. Vasco Rd/Vasco Rd	Local Road underpass/County Line	Alameda County	2.25	East	1	2	3,700	40.6	C/-	na	na	na	888	37.7	A/A
T140	Vasco Road-SB	Local Road underpass/County Line	N. Vasco Rd/Vasco Rd	Alameda County	2.25	East	1	2	3,438	56.4	A/-	na	na	na	888	63.4	A/A

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T141	Vasco Road-SB	N. Vasco Rd/Vasco Rd	Dalton Ave/City-County Line	Alameda County	3.11	East	1	2	3,438	56.4	A/-	720	51.2	A/A	888	53.9	A/A
T142	Vasco Road-SB	Dalton Ave/City-County Line	Scenic Ave	Livermore	0.68	East	1	2	3,393	28.4	B/B	720	37.3	A/A	888	32.5	B/B
T143	Vasco Road-SB	Scenic Ave	WB I-580 OFF Ramp	Livermore	0.44	East	1	2	1,872	30.2	B/B	720	37.1	A/A	888	32.5	B/B
T144	Dublin Blvd.-EB	San Ramon Road	Village Parkway	Dublin	0.73	East	2	3	3,577	15.3	D/D	720	23.5	C/C	888	20.2	C/C
T145	Dublin Blvd.-EB	Village Parkway	Dougherty Rd	Dublin	0.81	East	2	3	3,572	24.1	B/B	720	26.9	B/B	888	24.9	B/B
T146	Dublin Blvd.-EB	Dougherty Rd	Hacienda Dr	Dublin	1.21	East	1	2	3,705	27.6	C/C	720	28.1	B/B	888	27.0	C/C
T147	Dublin Blvd.-EB	Hacienda Dr	Tassajara Dr	Dublin	0.89	East	1	2	3,468	21.8	D/D	70	23.7	C/C	222	21.8	D/D
T148	Dublin Blvd.-WB	Tassajara Dr	Hacienda Dr	Dublin	0.89	East	1	2	3,523	22.4	C/C	720	25.4	C/C	888	26.4	C/C
T149	Dublin Blvd.-WB	Hacienda Dr	Dougherty Rd	Dublin	1.21	East	1	2	3,616	26.6	C/C	720	29.6	B/B	888	28.1	B/B
T150	Dublin Blvd.-WB	Dougherty Rd	Village Parkway	Dublin	0.81	East	2	3	3,582	22.9	C/C	720	24.7	B/B	888	25.0	B/B
T151	Dublin Blvd.-WB	Village Parkway	San Ramon Road	Dublin	0.73	East	2	3	3,122	13.8	E/E	720	23.1	C/C	888	19.4	C/C
T152	San Ramon Road-NB	WB I-580 OFF ramp	Silvergate Dr	Dublin	0.64	East	1	2	2,976	21.9	D/D	720	28.4	B/B	888	25.6	C/C
T153	San Ramon Road-NB	Silvergate Dr	Alcosta Blvd/Westside Dr/County Line	Dublin	0.99	East	1	2	3,503	32.4	B/B	720	31.0	B/B	888	33.8	B/B
T154	San Ramon Road-SB	Alcosta Blvd/Westside Dr/County Line	Silvergate Dr	Dublin	0.99	East	1	2	2,978	33.0	B/B	720	31.7	B/B	888	34.7	B/B
T155	San Ramon Road-SB	Silvergate Dr	WB I-580 OFF ramp	Dublin	0.64	East	1	2	1,660	23.1	C/C	720	23.5	C/C	888	25.6	C/C
T156	Dougherty Road-NB	WB I-580 OFF ramp	Amador Valley Blvd on SB	Dublin	1.12	East	1	2	3,613	22.0	C/D	na	na	na	888	33.3	B/B

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T157	Dougherty Road-NB	Amador Valley Blvd on SB	Fallcreek Rd on SB/ County Line	Dublin	0.80	East	1	2	3,609	41.6	A/A	720	42.9	A/A	888	43.7	A/A
T158	Dougherty Road-SB	Fallcreek Rd on SB/ County Line	Amador Valley Blvd on SB	Dublin	0.80	East	1	2	3,378	30.8	B/B	720	40.0	A/A	888	38.0	A/A
T159	Dougherty Road-SB	Amador Valley Blvd on SB	WB I-580 OFF ramp	Dublin	1.12	East	1	2	3,537	21.2	D/D	720	29.7	B/B	888	28.5	B/B
T160	Tassajara Road-NB	WB I-580 OFF ramp	Central Parkway	Dublin	0.49	East	1	2	na	na	na	720	27.4	C/C	888	22.6	C/C
T161	Tassajara Road-NB	Central Parkway	Somerset Ln/N Dublin Ranch Dr	Dublin	0.68	East	1	2	na	na	na	720	29.7	B/B	888	32.7	B/B
T162	Tassajara Road-NB	Somerset Ln/N Dublin Ranch Dr	Fallon Rd	Dublin	1.04	East	1	2	na	na	na	720	36.6	A/A	888	32.2	B/B
T163	Tassajara Road-NB	Fallon Rd	County Line	Dublin	0.51	East	1	1	na	na	na	na	na	na	888	36.5	A/B
T164	Tassajara Road-SB	County Line	Fallon Rd	Dublin	0.51	East	1	1	na	na	na	na	na	na	888	36.6	A/B
T165	Tassajara Road-SB	Fallon Rd	Somerset Ln/N Dublin Ranch Dr	Dublin	1.04	East	1	2	na	na	na	720	37.4	A/A	888	35.4	A/A
T166	Tassajara Road-SB	Somerset Ln/N Dublin Ranch Dr	Central Parkway	Dublin	0.68	East	1	2	na	na	na	720	28.1	B/B	888	29.3	B/B
T167	Tassajara Road-SB	Central Parkway	WB I-580 OFF ramp	Dublin	0.49	East	1	2	na	na	na	720	29.6	B/B	888	23.7	C/C
T168	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	SR 84/Isabel Ave	Murrita Blvd	Livermore	0.91	East	1	2	3,611	26.8	C/C	720	31.8	B/B	888	31.3	B/B
T169	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	Murrita Blvd	S Livermore Ave	Livermore	1.07	East	2	3	2,371	21.8	C/C	na	na	na	888	22.5	C/C
T170	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	S Livermore Ave	Inman St	Livermore	0.46	East	2	3	450	17.5	D/D	719	18.7	C/C	888	26.9	B/B

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T171	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Inman St	S Livermore Ave	Livermore	0.46	East	2	3	194	13.7	E/E	na	na	na	888	21.0	C/C
T172	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	S Livermore Ave	Murrita Blvd	Livermore	1.07	East	2	3	1,020	19.5	C/C	na	na	na	886	21.8	C/C
T173	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Murrita Blvd	SR 84/Isabel Ave	Livermore	0.91	East	1	2	2,664	34.8	B/B	720	33.9	B/B	888	37.8	A/A
T174	Stoneridge Drive-EB	SB I-680 OFF Ramp	Hopyard Rd	Pleasanton	0.93	East	1	2	3,697	28.6	B/B	720	30.1	B/B	888	32.4	B/B
T175	Stoneridge Drive-EB	Hopyard Rd	Hacienda Dr	Pleasanton	0.49	East	1	2	3,423	28.5	B/B	720	27.2	C/C	888	23.0	C/C
T176	Stoneridge Drive-EB	Hacienda Dr	W. Las Positas Blvd	Pleasanton	0.63	East	1	2	3,632	27.2	C/C	720	27.4	C/C	888	27.9	C/C
T177	Stoneridge Drive-EB	W. Las Positas Blvd	Santa Rita Road	Pleasanton	0.44	East	1	2	2,947	26.7	C/C	na	na	na	888	27.0	C/C
T178	Santa Rita Road-EB	Stoneridge Dr/Santa Rita Road	W. Los Positas Blvd	Pleasanton	0.29	East	1	2	3,424	28.2	B/B	720	28.8	B/B	888	28.9	B/B
T179	Santa Rita Road-EB	W. Los Positas Blvd	WB I-580 OFF Ramp	Pleasanton	0.88	East	1	2	3,662	24.5	C/C	720	27.5	C/C	888	28.4	B/B
T180	Santa Rita Road-WB	WB I-580 OFF Ramp	W. Los Positas Blvd	Pleasanton	0.88	East	1	2	3,410	27.7	C/C	720	28.3	B/B	888	29.8	B/B
T181	Santa Rita Road-WB	W. Los Positas Blvd	Santa Rita Road	Pleasanton	0.29	East	1	2	3,449	25.4	C/C	720	27.5	C/C	888	30.6	B/B
T182	Stoneridge Drive-WB	Santa Rita Road	W. Las Positas Blvd	Pleasanton	0.44	East	1	2	1,070	26.5	C/C	na	na	na	888	27.8	C/C
T183	Stoneridge Drive-WB	W. Las Positas Blvd	Hacienda Dr	Pleasanton	0.63	East	1	2	3,308	31.4	B/B	na	na	na	888	27.7	C/C
T184	Stoneridge Drive-WB	Hacienda Dr	Hopyard Rd	Pleasanton	0.49	East	1	2	2,744	22.1	C/C	720	26.0	C/C	888	22.6	C/C

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T185	Stoneridge Drive-WB	Hopyard Rd	SB I-680 OFF Ramp	Pleasanton	0.93	East	1	2	3,366	29.4	B/B	720	29.1	B/B	888	31.0	B/B
T186	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	NB I-680 OFF	Bernal Ave	Pleasanton	1.23	East	1	2	2,654	27.1	C/C	720	26.2	C/C	888	26.2	C/C
T187	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave	Ray/Vineyard	Pleasanton	0.63	East	3	4	3,640	17.7	C/C	720	16.6	C/C	888	12.7	D/D
T188	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Ray/Vineyard	Bernal Ave/Valley Ave	Pleasanton	0.86	East	2	3	3,171	23.6	C/C	720	24.5	B/B	888	29.6	B/B
T189	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave/Valley Ave	SR 84/Isabel Ave	Livermore	2.98	East	1	1	3,675	48.9	A/A	720	52.9	A/A	888	54.3	A/A
T190	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	SR 84/Isabel Ave	Bernal Ave/Valley Ave	Livermore	2.98	East	1	1	3,148	51.1	A/A	720	52.8	A/A	888	55.1	A/A
T191	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave/Valley Ave	Ray/Vineyard	Pleasanton	0.86	East	2	3	1,400	27.2	B/B	720	27.7	B/B	888	27.8	B/B
T192	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Ray/Vineyard	Bernal Ave	Pleasanton	0.63	East	3	4	2,255	19.1	B/B	720	19.7	B/B	888	19.3	B/B
T193	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave	NB I-680 OFF	Pleasanton	1.23	East	1	2	2,417	33.2	B/B	720	30.9	B/B	888	32.2	B/B
T194	14th Avenue - EB	E 8th Street	Foothill Boulevard	Oakland	0.26	North	3	3	1,580	10.9	D/E	714	14.0	C/E	888	12.9	D/E
T195	14th Street-Lake Merritt Blvd - WB	12th Street	Bush Street	Oakland	1.13	North	3	3	212	12.8	D/E	610	15.0	C/D	840	14.7	C/D
T196	20th Street	Harrison Street	San Pablo Avenue	Oakland	0.51	North	2	3	na	na	na	472	12.6	E/E	840	12.4	E/E

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T197	23rd Avenue - NB	23rd Ave NB/SB Split	E 11th	Oakland	0.15	North	3	3	2,872	22.7	B/C	711	18.0	C/C	888	21.9	B/C
T198	23rd Avenue - SB	E 12th St	23rd Ave NB/SB Split	Oakland	0.14	North	3	3	958	19.8	B/C	720	20.5	B/C	888	23.4	B/C
T199	29th Avenue	Ford St	International/E 14th	Oakland	0.52	Central	2	3	na	na	na	670	12.0	E/E	845	13.1	E/E
T200	40th Street-Shellmound Avenue - WB	Broadway	Powell Boulevard	Oakland	1.31	North	3	3	283	16.2	C/D	720	18.1	C/C	941	18.0	C/C
T201	42nd Avenue-Courtland	International Blvd	High Street	Oakland	0.37	Central	2	3	na	na	na	409	16.6	D/D	808	16.5	D/D
T202	52nd Street - WB	Telegraph Avenue	Shattuck	Oakland	0.11	North	3	3	1,000	12.1	D/E	699	17.0	C/D	887	13.1	C/E
T203	55th Street	Shattuck Avenue	Market Street	Oakland	0.52	North	2	3	na	na	na	657	16.2	D/D	881	17.5	D/D
T204	5th Street	Oak Street	Adeline Street	Oakland	1.32	North	2	3	na	na	na	na	na	na	874	16.0	D/D
T205	6th Street	Oak Street	Adeline Street	Oakland	1.32	North	2	3	na	na	na	720	41.8	A/A	888	36.1	A/A
T206	73rd Avenue	MacArthur Blvd	I-580	Oakland	0.79	Central	2	3	na	na	na	709	19.4	C/C	882	19.0	C/C
T207	7th Street-E 8th Street	14th Avenue	I-880	Oakland	3.43	North	2	3	na	na	na	53	17.6	D/D	165	17.7	D/D
T208	8th Street - WB	Harrison	Broadway	Oakland	0.22	North	3	3	1,643	7.2	E/F	720	11.7	D/E	888	10.3	D/E
T209	98th Avenue - EB	Airport Access Road	I-580	Oakland	3.25	North	3	3	1,120	16.3	C/D	663	17.0	C/D	881	17.4	C/D
T210	Airport Access Road - NB	Dollittle Drive	Hegenberger Road	Oakland	0.32	North	3	3	937	16.6	C/D	585	18.0	C/D	884	16.5	C/D
T211	Altamont Pass Road-Grant Line - EB	Greenville Road	County Line (EB)	Alameda County	9.71	East	1	2	2,083	30.2	C/B	715	36.3	A/A	888	30.7	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T212	Altamont Pass Road-Grant Line	Laughlin Rd	Greenville Road	Alameda County	0.49	East	1	2	na	na	na	720	24.4	C/C	884	26.7	C/C
T213	AltamontPass-Grant Line	Vasco Road	Laughlin Rd	Livermore	0.90	East	1	2	na	na	na	720	22.8	C/C	884	30.5	B/B
T214	Alvarado-Niles/Smith/NilesBlvd - EB	Union City Boulevard	Mission Boulevard	Union City	6.89	South	3	3	1,917	22.9	B/C	713	24.0	B/C	948	24.4	B/B
T215	Auto Mall Parkway - EB	Cherry Street	I-880	Fremont	0.75	South	3	3	3,652	17.0	C/D	720	21.1	B/C	948	18.1	C/C
T216	B Street	Foothill Boulevard	Mission Boulevard	Hayward	0.20	South	2	3	na	na	na	720	13.8	E/E	940	10.5	E/E
T217	Bernal Avenue - EB	Bernal Avenue	Sunol Blvd/First St	Pleasanton	1.37	East	1	1	3,369	27.7	C/C	720	28.6	B/C	888	28.7	B/C
T218	Broadway - NB	College Ave	SR24	Oakland	0.94	North	3	3	3,429	19.4	B/C	720	20.0	B/C	888	19.6	B/C
T219	Broadway	Encinal Avenue	Tilden Way	Alameda	0.55	Central	2	3	na	na	na	na	na	na	948	15.0	D/D
T220	Buchanan Street-Marin Avenue - EB	I-80	Arlington/Del Norte	Albany	2.12	North	3	3	2,355	15.0	C/D	700	16.8	C/D	880	16.2	C/D
T221	Bush Street	7th Street	San Pablo Avenue	Oakland	0.87	North	2	3	na	na	na	na	na	na	878	21.0	C/C
T223	Carlos Bee Blvd-Hayward Blvd	Campus Drive	Mission Boulevard	Hayward	0.93	South	1	2	na	na	na	720	32.0	B/B	948	31.6	B/B
T224	Casto Street - NB	7th Street	San Pablo Avenue	Oakland	0.77	North	3	3	715	17.3	C/D	720	24.8	B/B	886	22.9	B/C
T225	Castro Valley Boulevard-Mattox - EB	Mission Boulevard	Crow Canyon Road	Alameda County	2.70	Central	3	3	810	16.9	C/D	716	20.4	B/C	876	18.8	C/C
T226	Central Avenue - NB	Cherry Street	I-880	Newark	0.85	South	3	3	846	23.9	B/C	720	27.0	A/B	947	28.3	A/B
T227	Cherry-Boyce-Cushing	I-880	Thornton Avenue	Newark	5.67	South	1	2	na	na	na	720	33.3	B/B	948	34.0	B/B

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T228	Claremont Avenue	Telegraph Avenue	Ashby Avenue	Oakland	2.62	North	2	3	na	na	na	na	na	na	449	18.5	C/C
T229	Clawiter Road - SB	Winton Avenue	SR-92	Hayward	1.75	Central	3	3	1,863	20.7	B/C	719	24.3	B/B	948	25.6	A/B
T230	Constitution Way-8th Street	Central Avenue	Webster Street	Alameda	0.95	Central	2	3	na	na	na	720	15.9	D/D	948	15.4	D/D
T231	Dublin Boulevard	Fallon Road	Tassajara Road	Dublin	1.24	East	1	2	na	na	na	na	na	na	888	25.9	C/C
T232	Durant Avenue	Shattuck Avenue	College Avenue	Berkeley	0.73	North	2	3	na	na	na	720	15.0	D/D	888	14.3	D/D
T233	Dyer Street - SB	Whipple Road	Alvarado Boulevard	Union City	1.15	South	3	3	1,974	21.3	B/C	720	23.1	B/C	888	23.9	B/C
T234	E 12th Street	40th St	Lake Merritt Blvd	Oakland	2.82	North	2	3	na	na	na	na	na	na	888	28.9	B/B
T235	E 18th Street - EB	Lakeshore Avenue	Park Boulevard	Oakland	0.22	North	3	3	1,560	12.1	D/E	113	14.3	C/D	293	12.8	D/E
T236	East Avenue - EB	Livermore Avenue	Vasco Road	Livermore	2.53	East	2	2	1,577	29.8	B/B	720	28.1	B/B	888	29.9	B/B
T237	El Charro Road - NB	Stoneridge Drive	I-580	Pleasanton	0.26	East	2	2	2,829	23.1	C/C	720	45.2	A/A	888	42.1	A/A
T238	Estudillo Avenue - EB	E 14th St	MacArthur Blvd	San Leandro	0.98	Central	3	3	1,742	19.0	B/C	712	20.2	B/C	888	20.2	B/C
T239	Fallon Road	I-580	Tassajara Road	Dublin	2.85	East	1	2	na	na	na	38	33.1	B/B	888	34.7	B/B
T240	Fernside Boulevard	Otis-Dollittle Drive	High Street	Alameda	1.15	Central	2	3	na	na	na	720	20.6	C/C	948	20.7	C/C
T241	First Street - EB	Stanley Boulevard	Railroad Avenue	Livermore	0.88	East	2	2	308	13.3	E/E	131	17.0	D/E	331	13.2	E/E
T242	Foothill Road - NB	Stoneridge Drive	I-580	Pleasanton	0.74	East	2	2	3,608	19.5	C/D	720	25.5	B/C	888	22.7	C/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T243	Fremont Boulevard	I-880	County Line	Fremont	3.01	South	1	2	na	na	na	706	39.1	A/A	948	40.7	A/A
T244	Fruitvale Avenue - NB	Tilden Way	MacArthur Blvd	Oakland	2.37	North	3	3	277	14.0	C/E	711	15.0	C/D	948	13.4	C/E
T245	Gilman Street - EB	I-80	San Pablo Boulevard	Berkeley	0.63	North	3	3	1,564	13.6	C/E	720	15.6	C/D	888	15.2	C/D
T246	Gimmer Boulevard - SB	Paseo Padre Parkway	Mission Boulevard	Fremont	5.08	South	3	3	85	26.0	A/B	712	26.8	A/B	909	28.6	A/B
T247	Harrison St-Oakland Ave - EB	20th Street	MacArthur Blvd	Oakland	0.99	North	3	3	3,036	17.2	C/D	713	16.5	C/D	885	15.0	C/D
T248	High Street - NB	I-580	MacArthur Blvd	Oakland	0.05	North	3	3	1,483	7.1	E/F	720	16.3	C/D	888	12.6	D/E
T249	Industrial Blvd-Pkwy West - EB	Clawiter Road	Mission Boulevard	Hayward	5.06	Central	3	3	2,557	22.1	B/C	720	25.6	A/B	948	23.9	B/C
T250	Industrial Pkwy Southwest	Industrial Pkwy West	Whipple Road	Hayward	0.92	South	1	2	na	na	na	720	31.3	B/B	948	28.8	B/B
T251	Isabel Avenue	Portola Avenue	Airway Boulevard	Livermore	0.85	East	1	2	na	na	na	720	27.1	C/C	888	29.3	B/B
T252	Lewelling Boulevard - EB	Hesperian Boulevard	Hespedian Boulevard	Alameda County	1.42	Central	3	3	648	16.8	C/D	720	20.0	B/C	948	19.2	B/C
T253	Lewelling Boulevard - WB	Hesperian Boulevard	Wicks Boulevard	San Leandro	1.53	Central	3	3	461	24.4	B/B	720	25.8	A/B	939	26.1	A/B
T254	Livermore Avenue - NB	Tesla Road	I-580	Livermore	3.29	East	2	2	596	22.4	C/C	666	24.2	B/C	832	25.6	B/C
T255	MacArthur-SantaClara - WB	Estudillo Avenue	Seminary Ave	Oakland	4.36	Central - North	3	3	51	20.0	B/C	513	24.0	B/B	818	23.4	B/C
T256	Main St-Santa Rita Rd	Bernal Avenue	Stoneridge Drive	Pleasanton	3.10	East	1	2	na	na	na	na	na	na	879	20.7	D/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T257	Marina Boulevard - WB	Dollittle Drive	Washington Avenue	San Leandro	1.80	Central	3	3	1,112	17.8	C/D	621	18.8	C/C	845	20.2	B/C
T258	Market Street - NB	55th Street	Stanford Avenue	Oakland	0.36	North	3	3	2,442	14.0	C/E	703	16.7	C/D	888	16.0	C/D
T259	Martin Luther King Jr Way - NB	Marin Avenue	Adeline Street	Berkeley	2.67	North	3	3	2,642	15.2	C/D	717	17.1	C/D	883	15.1	C/D
T260	Martin Luther King Jr Way - NB	San Pablo Avenue	47th Street	Oakland	1.78	North	3	3	507	16.5	C/D	7	18.4	C/C	106	19.7	B/C
T261	Mission Boulevard - SB	I-680	I-680	Fremont	3.01	South	3	3	1,688	27.6	A/B	720	31.0	A/A	948	34.0	A/A
T262	Mowry Avenue	I-880	Cherry Street	Newark	0.78	South	1	2	na	na	na	720	21.6	D/D	948	23.5	C/C
T263	Neal Street	Main St	1st Street	Pleasanton	0.13	East	1	2	na	na	na	682	19.3	D/D	888	11.5	F/F
T264	North Canyons Parkway-Portola	Airway Boulevard	1st Street	Livermore	4.20	East	1	2	na	na	na	720	29.9	B/B	884	31.1	B/B
T265	Osgood Road-WarmSpringsBlvd	County Line	Fremont/Washington	Fremont	5.48	South	1	2	na	na	na	720	30.1	B/B	948	29.0	B/B
T266	Otis Drive	Park Street	Broadway	Alameda	0.24	North	2	3	na	na	na	720	15.7	D/D	948	15.4	D/D
T267	Owens Drive - EB	Willow Road	W Las Positas Blvd	Pleasanton	1.10	East	2	2	2,988	20.5	C/D	655	27.6	B/C	886	30.1	A/B
T268	Park Boulevard - EB	E 18th Street	SR-13	Oakland	3.12	North	3	3	1,377	21.7	B/C	634	24.2	B/B	881	22.8	B/C
T269	Park Street - NB	Otis Drive	Encinal Avenue	Alameda	0.42	North	3	3	1,982	15.1	C/D	720	13.8	C/E	948	15.2	C/D
T270	Paseo Padre Parkway - WB	Peralta Boulevard	Grimmer Boulevard	Fremont	2.30	South	3	3	2,340	22.1	B/C	720	24.8	B/B	948	23.6	B/C

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T271	Paseo Padre Parkway - EB	SR-84	Ardenwood Boulevard	Fremont	1.50	South	3	3	3,539	32.4	A/A	720	41.1	A/A	948	35.9	A/A
T272	Patterson Pass Road - EB	Vasco Road	County Line (EB)	Livermore	10.11	East	1	2	2,878	37.6	A/A	na	na	na	887	39.2	A/A
T273	Redwood Road - NB	I-580	Castro Valley Boul	Alameda County	0.38	Central	3	3	2,735	11.9	D/E	720	15.5	C/D	876	14.1	C/D
T274	San Leandro Blvd - EB	E 14th Street	San Leandro/Oakland	San Leandro	2.18	Central	3	3	943	20.7	B/C	683	25.2	A/B	876	26.0	A/B
T275	San Leandro Street - EB	Fruitvale Avenue	Oakland//SL border	Oakland	4.33	North	3	3	638	19.3	B/C	714	31.1	A/A	878	23.2	B/C
T276	San Pablo Avenue	16th Street	I-580	Oakland	1.70	North	2	3	na	na	na	2	16.7	D/D	216	17.6	D/D
T277	Santa Clara Avenue	Webster Street	Broadway	Alameda	2.28	North	2	3	na	na	na	na	na	na	509	18.5	C/C
T278	Seminary Avenue - EB	MacArthur Boulevard	I-580	Oakland	0.67	North	3	3	2,586	21.8	B/C	706	21.8	B/C	884	21.3	B/C
T279	Shattuck Avenue	Marin Avenue	University Avenue	Berkeley	1.27	North	2	3	na	na	na	690	18.5	C/C	855	18.2	C/C
T280	Solano Avenue	San Pablo Boulevard	Sutter Street	Albany	1.47	North	2	3	na	na	na	618	15.3	D/D	744	14.4	D/D
T281	Stevenson Boulevard - NB	Cherry Street	Mission Boulevard	Fremont	4.02	South	3	3	2,495	21.4	B/C	720	23.1	B/C	947	24.9	B/B
T282	Stoneridge Dr-Jack London Blvd - WB	Foothill Road	Hopyard Rd	Pleasanton	1.52	East	1	1	3,264	27.0	C/D	720	28.0	B/C	888	30.6	B/C
T283	Telegraph Avenue - NB	51st Street	Broadway	Oakland	2.25	North	3	3	1,019	12.9	D/E	672	14.5	C/D	817	14.1	C/D
T284	Tennyson Road - WB	Industrial Boulevard	Hesperian Boulevard	Hayward	0.60	Central	3	3	1,346	24.2	B/B	720	22.5	B/C	948	25.7	A/B

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T285	Tesla Road - EB	Livermore Avenue	County Line (EB)	Alameda County	11.93	East	1	2	2,623	33.3	B/B	na	na	na	886	37.1	A/A
T286	Thornton Avenue - EB	SR-84	I-880	Newark	3.73	South	3	3	1,185	24.0	B/C	720	26.5	A/B	948	26.5	A/B
T287	Tilden Way	Park Street	Fruitvale Avenue	Alameda	0.43	Central	2	3	na	na	na	677	15.8	D/D	943	16.4	D/D
T288	UC Blvd- Ardenwood- Newark Blvd	Alvarado Blvd	SR 84	Union City	3.57	South	1	2	na	na	na	720	31.0	B/B	946	32.6	B/B
T289	Vallecitos Road - NB	SR-84	1st St	Livermore	3.32	East	2	2	1,486	31.8	A/B	720	32.8	A/B	885	35.3	A/A
T290	Vasco Road - SB	I-580	Tesla Road	Livermore	4.05	East	2	2	836	32.1	A/B	na	na	na	887	34.5	A/B
T291	Village Parkway - NB	Dublin Boulevard	County Line	Dublin	1.50	East	2	2	214	23.2	C/C	720	25.1	B/C	888	25.1	B/C
T292	W Las Positas Blvd - EB	Owens Drive	Santa Rita Road	Pleasanton	0.22	East	2	2	2,637	17.3	D/D	na	na	na	888	18.8	C/D
T293	Walnut Avenue	Mission Boulevard	Fremont Boulevard	Fremont	1.83	South	1	2	na	na	na	na	na	na	948	23.9	C/C
T294	Warren Avenue	Fremont Blvd	Warm Springs Blvd	Fremont	1.04	South	1	2	na	na	na	720	22.1	C/C	948	20.1	D/D
T295	Washington Avenue - NB	Juana Avenue	Lewelling Blvd	San Leandro	2.72	Central	3	3	198	16.6	C/D	636	18.6	C/C	913	19.9	B/C
T296	Washington Boulevard - WB	Fremont Boulevard	Mission Boulevard	Fremont	2.20	South	3	3	1,571	20.2	B/C	720	27.3	A/B	944	28.2	A/B
T297	Whipple Road	Mission Boulevard	Union City Boulevard	Union City	3.43	South	1	2	na	na	na	720	22.7	C/C	881	23.1	C/C

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T298	Wicks Blvd-Merced Street - SB	Marina Boulevard	Lewelling Blvd	San Leandro	2.19	Central	3	3	473	25.9	A/B	na	na	na	941	25.8	A/B
T299	Winton Avenue - WB	Clawiter Road	Hesperian Boulevard	Hayward	0.54	Central	3	3	3,547	25.6	A/B	720	23.6	B/C	948	28.4	A/B
T300	14th Avenue - WB	E 8th Street	Foothill Boulevard	Oakland	0.26	North	3	3	1,272	14.3	C/D	na	na	na	882	10.1	D/E
T301	14th Street-Lake Merritt Blvd - EB	Bush Street	12th Street	Oakland	1.13	North	3	3	654	11.5	D/E	586	12.9	D/E	840	13.0	D/E
T302	20th Street	San Pablo Avenue	Harrison Street	Oakland	0.51	North	2	3	na	na	na	541	12.7	E/E	876	12.1	E/E
T303	23rd Avenue - SB	23rd Ave NB/SB Split	E 11th	Oakland	0.15	North	3	3	1,102	23.3	B/C	720	19.8	B/C	888	23.4	B/C
T304	23rd Avenue - NB	E 12th St	23rd Ave NB/SB Split	Oakland	0.14	North	3	3	1,905	14.4	C/D	711	18.6	C/C	888	19.9	B/C
T305	29th Avenue	International/E 14th	Ford St	Oakland	0.52	Central	2	3	na	na	na	14	11.8	E/E	81	13.0	E/E
T306	40th Street-Shellmound Avenue - EB	Powell Boulevard	Broadway	Oakland	1.31	North	3	3	1,020	17.1	C/D	720	17.3	C/D	948	17.8	C/D
T307	42nd Avenue-Courtland	High Street	International Blvd	Oakland	0.37	Central	2	3	na	na	na	523	19.7	C/C	778	19.9	C/C
T308	52nd Street - EB	Telegraph Avenue	Shattuck Avenue	Oakland	0.11	North	3	3	3,127	9.7	D/F	694	12.4	D/E	888	12.2	D/E
T309	55th Street	Market Street	Shattuck Avenue	Oakland	0.52	North	2	3	na	na	na	708	14.7	D/D	888	15.9	D/D
T310	5th Street	Adeline Street	Oak Street	Oakland	1.32	North	2	3	na	na	na	720	22.6	C/C	888	19.5	C/C
T312	73rd Avenue	I-580	MacArthur Blvd	Oakland	0.79	Central	2	3	na	na	na	706	15.6	D/D	867	17.4	D/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T313	7th Street-E 8th Street - EB	I-880	14th Avenue	Oakland	3.43	North	3	3	84	13.8	C/E	432	20.0	B/C	838	17.7	C/D
T314	98th Avenue - WB	I-580	Airport Access Road	Oakland	3.25	North	3	3	333	17.5	C/D	720	17.8	C/D	888	19.7	B/C
T315	Airport Access Road - SB	Hegenberger Road	Dollittle Drive	Oakland	0.32	North	3	3	212	14.2	C/D	152	12.9	D/E	316	14.1	C/D
T316	Altamont Pass Road - WB	Greenville Road	County Line	Alameda County	9.71	East	3	3	72	39.0	A/A	17	45.5	A/A	323	47.5	A/A
T317	Altamont Pass Road-Grant Line	Greenville Road	Laughlin Rd	Alameda County	0.49	East	1	2	na	na	na	681	37.8	A/A	877	32.8	B/B
T318	AltamontPass-Grant Line	Laughlin Rd	Vasco Road	Livermore	0.90	East	1	2	na	na	na	709	36.3	A/A	880	34.6	B/B
T319	Alvarado-Niles/Smith/NilesBlvd - WB	Union City Boulevard	Mission Boulevard	Union City	6.89	South	3	3	680	23.0	B/C	691	23.3	B/C	778	24.2	B/B
T320	Auto Mall Parkway - WB	I-880	Cherry Street	Fremont	0.75	South	3	3	3,678	15.7	C/D	720	23.1	B/C	948	19.4	B/C
T321	B Street	Mission Boulevard	Foothill Boulevard	Hayward	0.20	South	2	3	na	na	na	na	na	na	940	10.6	E/E
T322	Bernal Avenue - WB	I-680	Sunol Blvd/First St	Pleasanton	1.37	East	1	1	1,481	24.1	C/D	720	27.4	C/C	888	27.1	C/C
T323	Broadway - SB	College Ave	SR24	Oakland	0.94	North	3	3	1,538	20.3	B/C	712	23.1	B/C	888	23.1	B/C
T324	Broadway	Tilden Way	Encinal Avenue	Alameda	0.55	Central	2	3	na	na	na	na	na	na	948	14.5	D/D
T325	Buchanan Street-Marin Avenue - WB	I-80	Arlington/Del Norte	Albany	2.12	North	3	3	890	16.1	C/D	714	15.8	C/D	888	16.2	C/D

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T326	C Street	Mission Boulevard	Foothill Boulevard	Hayward	0.19	South	2	3	na	na	na	720	14.4	D/D	948	11.9	E/E
T327	Carlos Bee Blvd-Hayward Blvd	Mission Boulevard	Campus Drive	Hayward	0.93	South	1	2	na	na	na	720	32.9	B/B	943	32.3	B/B
T328	Castro Valley Boulevard-Mattox - WB	Mission Boulevard	Crow Canyon Road	Alameda County	2.70	Central	3	3	565	15.7	C/D	715	18.7	C/C	865	18.0	C/D
T329	Central Avenue - SB	I-880	Cherry Street	Newark	0.85	South	3	3	277	23.1	B/C	698	24.4	B/B	942	30.0	A/B
T330	Cherry-Boyce-Cushing	Thornton Avenue	I-880	Newark	5.67	South	1	2	na	na	na	715	33.5	B/B	948	34.7	B/B
T331	Claremont Avenue	Ashby Avenue	Telegraph Avenue	Oakland	1.68	North	2	3	na	na	na	703	21.6	C/C	883	20.7	C/C
T332	Clawiter Road - NB	Winton Avenue	SR-92	Hayward	1.75	Central	3	3	2,982	17.7	C/D	720	20.1	B/C	948	19.8	B/C
T333	Constitution Way-8th Street	Webster Street	Central Avenue	Alameda	0.95	Central	2	3	na	na	na	720	18.5	C/C	948	14.6	D/D
T334	Dublin Boulevard	Tassajara Road	Fallon Road	Dublin	1.24	East	1	2	na	na	na	na	na	na	888	28.3	B/B
T335	Durant Avenue	College Avenue	Shattuck Avenue	Berkeley	0.73	North	2	3	na	na	na	na	na	na	888	14.3	D/D
T336	Dyer Street - NB	Whipple Road	Alvarado Boulevard	Union City	1.15	South	3	3	3,002	15.0	C/D	720	20.4	B/C	888	19.1	B/C
T337	E 12th Street	Lake Merritt Blvd	High Street	Oakland	3.00	North	2	3	na	na	na	720	26.2	B/B	883	30.6	A/A

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T338	E 18th Street - WB	Lakeshore Avenue	Park Boulevard	Oakland	0.22	North	3	3	243	11.5	D/E	525	14.8	C/D	817	12.3	D/E
T339	East Avenue - WB	Livermore Avenue	Vasco Road	Livermore	2.53	East	2	2	1,750	26.5	B/C	720	26.8	B/C	883	27.5	B/C
T340	El Charro Road - SB	I-580	Stoneridge Drive	Pleasanton	0.26	East	2	2	2,423	25.4	B/C	711	27.7	B/C	880	27.2	B/C
T341	Estudillo Avenue - WB	E 14th St	MacArthur Blvd	San Leandro	0.98	Central	3	3	1,249	20.4	B/C	627	21.4	B/C	862	21.3	B/C
T342	Fallon Road	Tassajara Road	I-580	Dublin	2.85	East	1	2	na	na	na	720	33.1	B/B	888	31.9	B/B
T343	Fernside Boulevard	High Street	Otis-Dollittle Drive	Alameda	1.15	Central	2	3	na	na	na	720	20.3	C/C	941	20.6	C/C
T344	First Street - WB	Stanley Boulevard	Railroad Avenue	Livermore	0.88	East	2	2	204	15.1	D/E	310	15.0	D/E	588	14.0	D/E
T345	Foothill Road - SB	Stoneridge Drive	I-580	Pleasanton	0.74	East	2	2	3,318	22.8	C/C	720	27.9	B/C	888	28.1	B/B
T346	Fremont Boulevard	County Line	I-880	Fremont	3.01	South	1	2	na	na	na	692	37.1	A/A	940	41.7	A/A
T347	Fruitvale Avenue - SB	Tilden Way	MacArthur Boulevard	Oakland	2.37	North	3	3	152	11.7	D/E	658	13.9	C/E	900	13.8	C/E
T348	Gilman Street - WB	I-80	San Pablo Boulevard	Berkeley	0.63	North	3	3	1,851	15.0	C/D	720	15.7	C/D	888	15.2	C/D
T349	Gimmer Boulevard - NB	Paseo Padre Parkway	Mission Boulevard	Fremont	5.08	South	3	3	364	24.7	B/B	568	25.9	A/B	779	26.9	A/B
T350	Harrison St-Oakland Ave - SB	MacArthur Blvd	20th Street	Oakland	0.99	North	3	3	423	16.3	C/D	714	18.1	C/C	874	17.2	C/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T351	High Street - WB	I-580	MacArthur Blvd	Oakland	0.05	North	3	3	1,245	12.8	D/E	720	17.1	C/D	888	13.5	C/E
T352	Industrial Blvd-Pkwy West - WB	Clawiter Road	Mission Boulevard	Hayward	5.16	Central	3	3	2,393	25.4	A/B	720	25.2	A/B	941	26.8	A/B
T353	Industrial Pkwy Southwest	Whipple Road	Industrial Pkwy West	Hayward	0.89	South	1	2	na	na	na	720	28.0	C/C	948	29.4	B/B
T354	Isabel Avenue	Airway Boulevard	Portola Avenue	Livermore	0.85	East	1	2	na	na	na	715	33.3	B/B	888	37.0	A/A
T355	Lewelling Boulevard - WB	Hesperian Boulevard	Mission Boulevard	Alameda County	1.42	Central	3	3	311	17.0	C/D	720	20.6	B/C	943	20.8	B/C
T356	Lewelling Boulevard - EB	Wicks Boulevard	Hespedian Boulevard	San Leandro	1.53	Central	3	3	890	19.9	B/C	720	22.5	B/C	948	23.6	B/C
T357	Livermore Avenue - SB	I-580	Tesla Road	Livermore	3.29	East	2	2	329	20.4	C/D	672	23.5	C/C	830	24.1	B/C
T358	MacArthur-SantaClara - EB	San Pablo Avenue	Piedmont Ave	Oakland	1.56	North	3	3	1,519	11.8	D/E	24	22.7	B/C	336	19.6	B/C
T359	Main St-Santa Rita Rd - SB	Bernal Avenue	Stoneridge Drive	Pleasanton	3.10	East	2	2	3,151	16.9	D/E	na	na	na	888	21.5	C/D
T360	Marina Boulevard - EB	Dollittle Drive	Washington Avenue	San Leandro	1.80	Central	3	3	1,028	16.3	C/D	608	18.5	C/C	875	19.1	B/C
T361	Market Street - SB	55th Street	Stanford Avenue	Oakland	0.36	North	3	3	1,819	13.9	C/E	709	17.6	C/D	888	15.7	C/D
T362	Martin Luther King Jr Way - SB	Marin Avenue	Adeline Street	Berkeley	2.67	North	3	3	1,693	16.5	C/D	684	16.4	C/D	863	16.3	C/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T363	Martin Luther King Jr Way - SB	San Pablo Avenue	47th Street	Oakland	1.78	North	3	3	92	18.5	C/C	208	20.9	B/C	524	21.2	B/C
T364	Mission Boulevard - NB	I-680	I-680	Fremont	3.01	South	3	3	3,656	14.0	C/E	720	28.2	A/B	876	31.5	A/A
T365	Mowry Avenue	Cherry Street	I-880	Newark	0.78	South	1	2	na	na	na	720	20.2	D/D	876	22.4	C/C
T366	Neal Street	1st Street	Main St	Pleasanton	0.13	East	1	2	na	na	na	na	na	na	880	11.3	F/F
T367	North Canyons Parkway-Portola	1st Street	Airway Boulevard	Livermore	4.20	East	1	2	na	na	na	660	31.4	B/B	886	32.9	B/B
T368	Osgood Road-WarmSpringsBlvd	Fremont/Washington	County Line	Fremont	5.48	South	1	2	na	na	na	na	na	na	876	30.4	B/B
T369	Otis Drive	Broadway	Park Street	Alameda	0.24	North	2	3	na	na	na	720	14.6	D/D	876	12.3	E/E
T370	Owens Drive - WB	Willow Road	W Las Positas Blvd	Pleasanton	1.10	East	2	2	2,205	19.7	C/D	na	na	na	888	28.6	B/B
T371	Park Boulevard - WB	E 18th Street	SR-13	Oakland	3.12	North	3	3	475	22.8	B/C	569	25.8	A/B	736	23.8	B/C
T372	Park Street - SB	Otis Drive	Encinal Avenue	Alameda	0.42	North	3	3	2,028	14.0	C/E	720	13.3	C/E	876	16.1	C/D
T373	Paseo Padre Parkway - EB	Peralta Boulevard	Grimmer Boulevard	Fremont	2.30	South	3	3	2,503	23.4	B/C	719	25.3	A/B	876	24.4	B/B
T374	Paseo Padre Parkway - WB	SR-84	Ardenwood Boulevard	Fremont	1.50	South	3	3	1,419	40.2	A/A	649	42.2	A/A	868	40.8	A/A
T375	Patterson Pass Road - WB	Vasco Road	County Line	Livermore	10.11	East	1	2	170	31.2	B/B	na	na	na	9	34.3	B/B
T376	Redwood Road - SB	I-580	Castro Valley Boul	Alameda County	0.38	Central	3	3	1,512	14.2	C/D	720	15.6	C/D	876	16.4	C/D

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T377	San Leandro Blvd - NB	E 14th Street	San Leandro/Oakland	San Leandro	2.18	Central	3	3	252	20.5	B/C	560	26.4	A/B	662	27.2	A/B
T378	San Leandro Street - WB	Fruitvale Avenue	Oakland//SL border	Oakland	4.33	North	3	3	94	19.4	B/C	270	25.4	A/B	446	23.7	B/C
T379	San Pablo Avenue - SB	I-580	16th Street	Oakland	1.70	North	3	3	60	17.0	C/D	239	16.8	C/D	784	17.5	C/D
T380	Santa Clara Avenue	Broadway	Webster Street	Alameda	2.28	North	2	3	na	na	na	na	na	na	805	18.9	C/C
T381	Seminary Avenue - WB	MacArthur Boulevard	I-580	Oakland	0.67	North	3	3	1,731	24.5	B/B	436	23.2	B/C	672	25.9	A/B
T382	Shattuck Avenue	University Avenue	Marin Avenue	Berkeley	1.18	North	2	3	na	na	na	713	17.3	D/D	887	17.1	D/D
T383	Solano Avenue	San Pablo Boulevard	Sutter Street	Albany	1.47	North	2	3	na	na	na	685	15.2	D/D	825	13.9	E/E
T384	Stevenson Boulevard - SB	Cherry Street	Mission Boulevard	Fremont	4.02	South	3	3	1,287	23.7	B/C	719	23.6	B/C	876	26.3	A/B

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T385	Stoneridge Dr- Jack London Blvd	Isabel Avenue	Santa Rita Rd	Livermore	2.50	East	1	2	na	na	na	720	38.5	A/A	888	35.4	A/A
T386	Telegraph Avenue - SB	51st Street	Broadway	Oakland	2.25	North	3	3	216	12.3	D/E	409	14.9	C/D	814	14.1	C/D
T387	Tennyson Road - EB	Industrial Boulevard	Hesperian Boulevard	Hayward	0.60	Central	3	3	2,146	20.2	B/C	720	22.3	B/C	876	25.7	A/B
T388	Tesla Road	County Line	Livermore Avenue	Alameda County	11.93	East	1	2	na	na	na	na	na	na	78	37.9	A/A
T389	Thornton Avenue - WB	SR-84	I-880	Newark	3.73	South	3	3	1,320	24.8	B/B	720	28.6	A/B	876	28.6	A/B
T390	Tilden Way	Fruitvale Avenue	Park Street	Alameda	0.43	Central	2	3	na	na	na	720	15.2	D/D	871	16.5	D/D
T391	UC Blvd- Ardenwood- Newark Blvd - WB	Central Avenue	SR 84	Newark	2.15	South	3	3	1,589	20.5	B/C	720	22.1	B/C	876	22.7	B/C
T392	Vallecitos Road - SB	SR-84	1st St	Livermore	3.32	East	2	2	1,095	30.2	A/B	8	32.0	A/B	43	32.5	A/B
T393	Vasco Road - NB	I-580	Tesla Road	Livermore	3.11	East	2	2	2,099	28.8	B/B	720	31.7	A/B	888	33.2	A/B
T394	Village Parkway - SB	Dublin Boulevard	County Line	Dublin	1.50	East	2	2	1,023	23.3	C/C	720	24.6	B/C	888	23.1	C/C
T395	W Las Positas Blvd - WB	Owens Drive	Santa Rita Road	Pleasanton	0.22	East	2	2	1,018	19.0	C/D	720	21.5	C/D	888	20.8	C/D
T396	Walnut Avenue	Fremont Boulevard	Mission Boulevard	Fremont	1.83	South	1	2	na	na	na	na	na	na	876	24.0	C/C

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T397	Warren Avenue	Warm Springs Blvd	Fremont Blvd	Fremont	1.04	South	1	2	na	na	na	720	21.8	D/D	876	22.2	C/C
T398	Washington Avenue - SB	Juana Avenue	Lewelling Blvd	San Leandro	2.72	Central	3	3	197	17.5	C/D	719	19.1	B/C	876	19.6	B/C
T399	Washington Boulevard - EB	Fremont Boulevard	Mission Boulevard	Fremont	2.20	South	3	3	1,970	16.2	C/D	720	27.6	A/B	876	27.7	A/B
T400	Whipple Road	Union City Boulevard	Mission Boulevard	Union City	3.43	South	1	2	na	na	na	720	22.5	C/C	888	20.6	D/D
T401	Wicks Blvd-Merced Street - NB	Marina Boulevard	Lewelling Blvd	San Leandro	2.19	Central	3	3	300	24.9	B/B	na	na	na	876	24.9	B/B
T402	Winton Avenue - EB	Clawiter Road	Hesperian Boulevard	Hayward	0.54	Central	3	3	3,703	12.8	D/E	720	18.6	C/C	876	17.5	C/D
T403	Stoneridge Dr-Jack London Blvd - WB	Hopyard Rd	Santa Rita Rd	Pleasanton	1.56	East	2	2	2,498	27.2	B/C	720	27.6	B/C	888	25.9	B/C
T404	Stoneridge Dr-Jack London Blvd	Santa Rita Rd	Isabel Avenue	Livermore	4.34	East	1	2	na	na	na	720	33.9	B/B	888	35.1	A/A
T405	Stoneridge Dr-Jack London Blvd - EB	Santa Rita Rd	Hopyard Rd	Pleasanton	1.56	East	2	2	3,577	27.3	B/C	720	28.9	B/B	888	29.8	B/B
T406	Stoneridge Dr-Jack London Blvd - EB	Hopyard Rd	Foothill Road	Pleasanton	1.52	East	1	1	3,585	25.2	C/D	586	28.4	B/C	888	29.3	B/C
T407	UC Blvd-Ardenwood-Newark Blvd - EB	SR 84	Central Ave	Newark	2.15	South	3	3	1,459	21.9	B/C	720	24.8	B/B	876	23.8	B/C

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Arterials (Tier 2) - PM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Road Class (1985)	Road Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T408	UC Blvd- Ardenwood- Newark Blvd	SR 84	Alvarado Blvd	Union City	3.57	South	1	2	na	na	na	720	30.8	B/B	876	28.9	B/B
T409	SantaClara - NB	I-580	Okland Avenue	Oakland	0.82	North	3	3	515	18.9	C/C	37	21.1	B/C	318	20.5	B/C
T410	MacArthur- SantaClara	Seminary Ave	Grand Ave	Oakland	4.79	North	2	3	na	na	na	23	20.6	C/C	244	20.9	C/C
T411	MacArthur- SantaClara	Grand Ave	Piedmont Ave	Oakland	0.74	North	2	3	na	na	na	106	19.8	C/C	380	19.2	C/C
T412	MacArthur- SantaClara - WB	Piedmont Ave	San Pablo Avenue	Oakland	1.56	North	3	3	1,244	15.9	C/D	145	19.1	B/C	160	20.0	B/C
T413	MacArthur- SantaClara	Piedmont Avenue	Grand Ave	Oakland	1.08	North	2	3	na	na	na	513	21.7	C/C	888	18.5	C/C
T414	MacArthur- SantaClara - EB	Grand Ave	Seminary Ave	Oakland	4.77	North	3	3	61	15.3	C/D	38	18.3	C/C	167	18.1	C/C
T415	MacArthur- SantaClara - SB	Seminary Ave	Estudillo Ave	Oakland	0.32	Norh- Central	3	3	61	18.5	C/C	349	21.6	B/C	624	21.7	B/C
T416	El Charro Road - SB	Stoneridge Drive	eridge Drive to Buach Rd	Pleasanton	0.09	East	2	2	2,514	24.8	B/C	720	23.1	C/C	888	22.3	C/C
T417	El Charro Road - NB	Stoneridge Drive	eridge Drive to Buach Rd	Pleasanton	0.09	East	2	2	2,987	21.0	C/D	711	22.5	C/C	880	24.9	B/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T1	W.Grand Ave - Grand Ave -EB	I-80/Maritime St	San Pablo Ave	Oakland	1.63	North	2	3	314	21.4	C/C	713	23.0	C/C	888	23.7	C/C
T2	W.Grand Ave - Grand Ave -EB	San Pablo Ave	Broadway	Oakland	0.40	North	3	4	1,741	12.7	D/D	713	17.9	C/C	888	14.6	C/C
T3	W.Grand Ave - Grand Ave -EB	Broadway	I-580	Oakland	1.08	North	3	4	471	16.1	C/C	412	16.7	C/C	747	17.4	C/C
T4	W.Grand Ave - Grand Ave -WB	I-580	Broadway	Oakland	1.08	North	3	4	1,370	14.5	C/C	633	18.2	C/C	867	17.7	C/C
T5	W.Grand Ave - Grand Ave -WB	Broadway	San Pablo Ave	Oakland	0.40	North	3	4	1,415	12.6	D/D	711	17.7	C/C	888	14.2	C/C
T6	W.Grand Ave - Grand Ave -WB	San Pablo Ave	I-80/Maritime St	Oakland	1.63	North	2	3	2,686	24.8	B/B	711	24.1	B/B	54	20.6	C/C
T7	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	I-980 ON Ramp/Brush St	Webster	Oakland	0.60	North	3	4	na	na	na	710	13.0	C/C	886	13.6	C/C
T8	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	Webster	East side of Lake Merritt Channel	Oakland	0.66	North	3	4	na	na	na	6	14.2	C/C	83	15.2	C/C
T9	11th St - Lake Merritt Blvd - Lakeshore Ave-EB	East side of Lake Merritt Channel	MacArthur Blvd/I-580 ON Ramp	Oakland	1.15	North	3	4	187	16.6	C/C	221	17.4	C/C	654	18.7	C/C
T10	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	MacArthur Blvd/I-580 ON Ramp	East side of Lake Merritt Channel	Oakland	1.15	North	3	4	1,559	17.5	C/C	676	19.1	B/B	785	19.3	B/B
T11	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	East side of Lake Merritt Channel	Webster	Oakland	0.64	North	3	4	na	na	na	715	13.1	C/C	888	13.9	C/C
T12	12th St - Lake Merritt Blvd - Lakeshore Ave-WB	Webster	I-980 OFF Ramp/Brush St	Oakland	0.60	North	3	4	na	na	na	715	13.1	C/C	888	12.0	D/D
T13	Telegraph Ave-NB	51st Street	Russell St	Oakland	1.41	North	3	4	1,038	16.1	C/C	702	20.0	B/B	875	20.3	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T14	Telegraph Ave-NB	Russell St	Bancroft Way	Berkeley	0.77	North	3	4	735	15.5	C/C	720	19.6	B/B	881	18.3	C/C
T15	Dana-Dwight-Telegraph-SB	Bancroft Way	Russell St	Berkeley	0.90	North	3	4	na	na	na	219	21.6	B/B	641	20.7	B/B
T16	Telegraph Ave-SB	Russell St	51st Street	Oakland	1.41	North	3	4	1,043	17.9	C/C	549	20.4	B/B	701	20.0	B/B
T17	Broadway-SB	Broadway/College Ave	Grand Ave	Oakland	1.91	North	2	3	1,523	13.4	E/E	698	17.3	D/D	888	17.2	D/D
T18	Broadway-SB	Grand Ave	14th St	Oakland	0.55	North	3	4	1,292	12.1	D/D	688	14.1	C/C	888	12.3	D/D
T19	Broadway-SB	14th St	5th St/Broadway	Oakland	0.48	North	3	4	1,357	9.1	D/D	na	na	na	888	13.7	C/C
T20	Broadway (Connection to I-880)-SB	5th St/Broadway	I-880 ON Ramp	Oakland	0.21	North	1	1	na	na	na	834	30.4	B/C	830	34.6	B/B
T21	Broadway (Connection to I-880)-NB	I-880 OFF Ramp	5th St/Broadway	Oakland	1.26	North	1	2	na	na	na	915	19.9	D/D	881	19.1	D/D
T22	Broadway-NB	5th St/Broadway	14th St	Oakland	0.48	North	3	4	770	9.4	D/D	692	10.5	D/D	888	11.9	D/D
T23	Broadway-NB	14th St	Grand Ave	Oakland	0.55	North	3	4	1,382	11.0	D/D	690	14.0	C/C	888	13.9	C/C
T24	Broadway-NB	Grand Ave	Broadway/College Ave	Oakland	1.91	North	2	3	1,091	13.8	E/E	662	17.3	D/D	885	17.2	D/D
T25	Durant-EB	Shattuck	College Ave.	Berkeley	0.73	North	3	4	na	na	na	566	15.8	C/C	856	17.7	C/C
T26	College Avenue-SB	Bancroft Way/College Ave	Ashby Ave	Berkeley	0.85	North	3	4	725	14.9	C/C	270	16.3	C/C	425	15.1	C/C
T27	College Avenue-SB	Ashby Ave	Miles Ave/SR 24 OFF Ramp	Oakland	0.83	North	3	4	838	15.0	C/C	383	17.6	C/C	525	17.0	C/C
T28	College Avenue-SB	Miles Ave/SR 24 OFF Ramp	Broadway/College Ave	Oakland	0.61	North	3	4	1,558	15.2	C/C	288	17.7	C/C	406	17.6	C/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T29	College Avenue-NB	Broadway/College Ave	Miles Ave/SR 24 OFF Ramp	Oakland	0.61	North	3	4	1,930	14.4	C/C	371	16.9	C/C	651	17.0	C/C
T30	College Avenue-NB	Miles Ave/SR 24 OFF Ramp	Ashby Ave	Oakland	0.83	North	3	4	1,423	12.8	D/D	561	16.2	C/C	696	15.6	C/C
T31	College Avenue-NB	Ashby Ave	Bancroft Way/College Ave	Berkeley	0.85	North	3	4	1,485	14.4	C/C	541	15.4	C/C	746	14.9	C/C
T32	Bancroft-WB	College Ave.	Shattuck	Berkeley	0.73	North	3	4	440	13.0	C/D	231	15.8	C/C	716	15.5	C/C
T33	51st Street-EB	SR 24 Off Ramp/52nd St	Broadway	Oakland	0.75	North	3	4	1,973	14.5	C/C	641	20.0	B/B	870	19.9	B/B
T34	51st Street-WB	Broadway	SR 24 Off Ramp/52nd St	Oakland	0.75	North	3	4	1,318	18.5	C/C	489	20.3	B/B	759	20.6	B/B
T35	Shattuck Avenue-NB	51st	Alcatraz Ave.	Oakland	0.81	North	3	4	2,002	20.3	B/B	661	20.8	B/B	875	20.1	B/B
T36	Shattuck Avenue-NB	Alcatraz Ave.	Adeline St.	Oakland	0.70	North	3	4	1,707	16.3	C/C	710	18.5	C/C	883	17.4	C/C
T37	Shattuck Avenue-SB	Adeline St.	Alcatraz Ave.	Oakland	0.70	North	3	4	2,492	16.9	C/C	689	19.6	B/B	885	18.4	C/C
T38	Shattuck Avenue-SB	Alcatraz Ave.	51st	Oakland	0.81	North	3	4	2,880	19.7	B/B	700	22.2	B/B	888	20.8	B/B
T39	Powell Street-Stanford Avenue-EB	NB I-80 OFF Ramp	San Pablo Ave	Emeryville	0.75	North	2	3	na	na	na	418	18.8	C/C	568	19.8	C/C
T40	Powell Street-Stanford Avenue-EB	San Pablo Ave	MLK Jr Way	Oakland	0.76	North	2	3	na	na	na	337	24.9	B/B	678	24.6	B/B
T41	Powell Street-Stanford Avenue-WB	MLK Jr Way	San Pablo Ave	Oakland	0.76	North	2	3	na	na	na	200	24.7	B/B	617	24.1	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T42	Powell Street-Stanford Avenue-WB	San Pablo Ave	NB I-80 OFF Ramp	Emeryville	0.75	North	2	3	2,207	18.7	C/C	426	20.6	C/C	745	18.5	C/C
T43	40thStreet-Shellmound Avenue-EB	Shellmound Way (north of Powell St)	40th St	Emeryville	0.73	North	2	3	na	na	na	501	34.1	A/A	756	27.3	B/B
T44	40thStreet-Shellmound Avenue-EB	40th St	San Pablo Ave	Emeryville	0.68	North	3	4	333	17.5	C/C	501	25.2	A/A	756	18.9	C/C
T45	40thStreet-Shellmound Avenue-WB	San Pablo Ave	40th St	Emeryville	0.68	North	3	4	534	21.1	B/B	475	20.7	B/B	672	17.8	C/C
T46	40thStreet-Shellmound Avenue-WB	40th St	Shellmound Way (north of Powell St)	Emeryville	0.73	North	2	3	na	na	na	475	24.8	B/B	762	24.2	B/B
T47	International Boulevard-NB	42nd Ave	Fruitvale Ave	Oakland	0.62	North	3	4	2,015	10.8	D/D	659	16.1	C/C	871	14.8	C/C
T48	International Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1.38	North	3	4	993	16.9	C/C	619	15.8	C/C	796	17.7	C/C
T49	International Boulevard-NB	14th Ave	Lake Merritt Blvd	Oakland	0.88	North	3	4	878	16.7	C/C	545	16.0	C/C	846	18.1	C/C
T50	International Boulevard-SB	Lake Merritt Blvd	14th Ave	Oakland	0.88	North	3	4	196	19.0	B/C	616	17.5	C/C	801	19.3	B/B
T51	International Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1.38	North	3	4	421	17.7	C/C	564	17.4	C/C	771	17.8	C/C
T52	International Boulevard-SB	Fruitvale Ave	42nd Ave	Oakland	0.62	North	3	4	747	14.8	C/C	648	15.7	C/C	879	15.3	C/C
T53	73d Ave-NB	International Blvd/73rd Ave	73rd Ave/Foothill Blvd	Oakland	1.07	North	2	3	1,753	19.7	C/C	706	22.8	C/C	880	24.2	B/B
T54	Foothill Boulevard-NB	73rd Ave/Foothill Blvd	Seminary Ave	Oakland	1.02	North	3	4	113	16.0	C/C	263	19.1	B/B	522	19.7	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T55	Foothill Boulevard-NB	Seminary Ave	High Street	Oakland	1.22	North	3	4	446	16.9	C/C	419	19.1	B/B	787	18.2	C/C
T56	Foothill Boulevard-NB	High Street	Fruitvale Ave	Oakland	0.90	North	3	4	438	9.5	D/D	373	15.0	C/C	623	13.3	C/C
T57	Foothill Boulevard-NB	Fruitvale Ave	14th Ave	Oakland	1.32	North	2	3	465	19.0	C/C	494	17.8	D/D	496	18.8	C/C
T58	Foothill Boulevard-NB	14th Ave	1st Ave/Lake Shore Blvd	Oakland	0.88	North	3	4	117	20.0	B/B	466	19.4	B/B	709	16.6	C/C
T60	Foothill Boulevard-SB	14th Ave	Fruitvale Ave	Oakland	1.32	North	2	3	62	18.1	C/C	318	18.0	D/D	536	17.3	D/D
T61	Foothill Boulevard-SB	Fruitvale Ave	High Street	Oakland	0.90	North	3	4	307	13.9	C/C	182	16.8	C/C	524	12.8	D/D
T62	Foothill Boulevard-SB	High Street	Seminary Ave	Oakland	1.22	North	3	4	353	18.4	C/C	351	18.9	C/C	663	18.6	C/C
T63	Foothill Boulevard-SB	Seminary Ave	73rd Ave/Foothill Blvd	Oakland	1.02	North	3	4	269	15.1	C/C	283	19.0	C/C	489	19.5	B/B
T64	73d Ave-SB	73rd Ave/Foothill Blvd	International Blvd/73rd Ave	Oakland	1.07	North	2	3	2,006	19.9	C/C	698	22.1	C/C	883	24.0	B/B
T65	E. 15th Street-SB/14th Avenue	1st Avenue	Foothill Blvd/14th Avenue	Oakland	0.98	North	3	4	na	na	na	na	na	na	na		na
T66	High Street-EB	Otis Drive	Central Ave	Alameda	0.58	North	3	4	985	17.4	C/C	700	20.1	B/B	926	18.2	C/C
T67	High Street-EB	Central Ave	Fernside Blvd	Alameda	0.48	North	3	4	2,521	16.0	C/C	700	20.1	B/B	926	19.4	B/B
T68	High Street-EB	Fernside Blvd	NB I-880 OFF Ramp	Oakland	0.50	North	2	3	1,599	11.4	E/E	704	15.8	D/D	835	15.8	D/D
T69	High Street-EB	NB I-880 OFF Ramp	Foothill Blvd	Oakland	0.61	North	3	4	1,967	13.5	C/C	660	15.6	C/C	882	14.2	C/C
T70	High Street-EB	Foothill Blvd	MacArthur Blvd/WB I-580 OFF Ramp	Oakland	1.29	North	3	4	1,728	15.7	C/C	720	20.1	B/B	882	18.2	C/C
T71	High Street-WB	MacArthur Blvd/WB I-580 OFF Ramp	Foothill Blvd	Oakland	1.29	North	3	4	832	19.6	B/B	668	21.3	B/B	815	20.1	B/B

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T72	High Street-WB	Foothill Blvd	NB I-880 OFF Ramp	Oakland	0.61	North	3	4	1,018	11.1	D/D	720	16.7	C/C	888	13.8	C/C
T73	High Street-WB	NB I-880 OFF Ramp	Fernside Blvd	Oakland	0.50	North	2	3	1,393	17.7	D/D	720	16.9	D/D	888	19.3	C/C
T74	High Street-WB	Fernside Blvd	Central Ave	Alameda	0.48	North	3	4	2,173	20.7	B/B	692	20.3	B/B	866	20.6	B/B
T75	High Street-WB	Central Ave	Otis Drive	Alameda	0.58	North	3	4	1,160	18.9	C/C	443	19.9	B/B	395	16.5	C/C
T76	Crow Canyon Road/Grove Way-NB	A Street/Redwood Road	EB I-580 ON Ramp/Grove Way	Alameda County	0.95	Central	2	3	844	21.1	C/C	553	24.4	B/B	914	27.6	B/B
T77	Crow Canyon Road/Grove Way-NB	EB I-580 ON Ramp/Grove Way	Cull Canyon	Alameda County	0.81	Central	1	2	2,635	20.4	D/D	551	28.7	B/B	824	23.2	C/C
T78	Crow Canyon Road-NB	Cull Canyon	Cold Water Dr	Alameda County	0.88	Central	1	2	2,848	38.3	A/A	720	38.6	A/A	880	30.4	B/B
T79	Crow Canyon Road-NB	Cold Water Dr	0.43 miles north of Norris Canyon Rd	Alameda County	2.41	Central	1	2	3,666	38.4	A/-	720	45.4	A/A	878	44.0	A/A
T80	Crow Canyon Road-NB	0.43 miles north of Norris Canyon Rd	County Line	Alameda County	2.97	Central	1	1	3,666	38.4	A/-	720	45.0	A/A	877	42.6	A/A
T81	Crow Canyon Road-SB	County Line	0.43 miles north of Norris Canyon Rd	Alameda County	2.97	Central	1	1	3,692	39.4	A/-	720	44.1	A/A	888	44.2	A/A
T82	Crow Canyon Road-SB	0.43 miles north of Norris Canyon Rd	Cold Water Dr	Alameda County	2.40	Central	1	2	3,692	39.4	A/-	720	44.4	A/A	888	43.4	A/A
T83	Crow Canyon Road-SB	Cold Water Dr	Cull Canyon	Alameda County	0.89	Central	1	2	3,147	37.7	A/A	720	36.4	A/A	888	30.9	B/B
T84	Crow Canyon Road/Grove Way-SB	Cull Canyon	EB I-580 ON Ramp/Grove Way	Alameda County	0.82	Central	1	2	2,892	26.7	C/C	720	28.4	B/B	888	29.5	B/B
T85	Crow Canyon Road/Grove Way-SB	EB I-580 ON Ramp/Grove Way	A Street/Redwood Road	Alameda County	0.94	Central	2	3	1,993	24.0	B/C	673	25.7	B/B	960	26.8	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T86	Winton Avenue - D Street-EB	Hesperian Blvd.	SB I-880 ON Ramp	Hayward	0.39	Central	2	3	3,692	22.0	C/C	720	20.0	C/C	960	21.5	C/C
T87	Winton Avenue - D Street-EB	SB I-880 ON Ramp	Santa Clara St	Hayward	0.35	Central	2	3	2,803	23.3	C/C	665	24.4	B/B	934	26.0	B/B
T88	Winton Avenue - D Street-EB	Santa Clara St	Soto Rd	Hayward	0.55	Central	2	3	3,291	17.6	D/D	684	24.9	B/B	927	24.9	B/B
T89	Winton Avenue - D Street-EB	Soto Rd	Foothill Boulevard/D St	Hayward	0.92	Central	2	3	2,019	13.8	E/E	664	20.4	C/C	758	19.7	C/C
T90	Winton Avenue - D Street-WB	Foothill Boulevard/D St	Soto Rd	Hayward	0.92	Central	2	3	2,099	16.5	D/D	720	22.0	C/C	960	21.2	C/C
T91	Winton Avenue - D Street-WB	Soto Rd	Santa Clara St	Hayward	0.55	Central	2	3	3,350	17.6	D/D	720	25.1	B/B	960	23.7	C/C
T92	Winton Avenue - D Street-WB	Santa Clara St	SB I-880 ON Ramp	Hayward	0.35	Central	2	3	3,374	28.2	B/B	707	28.6	B/B	960	32.7	A/A
T93	Winton Avenue - D Street-WB	SB I-880 ON Ramp	Hesperian Blvd.	Hayward	0.39	Central	2	3	3,706	14.8	D/D	720	19.8	C/C	960	18.5	C/C
T94	A Street-EB	Foothill Boulevard/A St	Redwood Rd/Grove Way	Alameda County	0.80	Central	2	3	3,183	20.9	C/C	696	26.7	B/B	951	24.3	B/B
T95	A Street-EB	Redwood Rd/Grove Way	EB I-580 ON Ramp/ Grove Way	Alameda County	0.42	Central	2	3	3,105	21.9	C/C	700	28.0	B/B	951	23.6	C/C
T96	A Street-WB	EB I-580 ON Ramp/ Grove Way	Redwood Rd/Grove Way	Alameda County	0.42	Central	2	3	3,622	22.4	C/C	720	26.6	B/B	960	21.9	C/C
T97	A Street-WB	Redwood Rd/Grove Way	Foothill Boulevard/A St	Alameda County	0.80	Central	2	3	3,655	16.9	D/D	720	25.4	B/B	960	18.2	C/C
T98	Hesperian Boulevard-Union City Blvd-NB	Union City/Alvarado Blvd	Whipple Rd	Union City	0.98	South	1	2	2,405	24.6	C/C	720	29.8	B/B	888	29.9	B/B
T99	Hesperian Boulevard-Union City Blvd-NB	Whipple Rd	Hesperian/Union City Blvd/overbridge	Union City	0.30	South	1	2	3,545	26.5	C/C	720	28.5	B/B	888	31.0	B/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T100	Hesperian Boulevard-Union City Blvd-NB	Hesperian/Union City Blvd/overbridge	Industrial Blvd	Hayward	0.57	South	1	2	3,507	19.1	D/D	720	28.4	B/B	888	25.8	C/C
T101	Hesperian Boulevard-Union City Blvd-NB	Industrial Blvd	Tennyson/Hesperian	Hayward	1.05	South	2	3	3,323	23.4	C/C	720	29.7	B/B	960	29.6	B/B
T102	Hesperian Boulevard-Union City Blvd-SB	Tennyson/Hesperian	Industrial Blvd	Hayward	1.05	South	2	3	3,555	16.6	D/D	720	32.3	A/A	960	27.5	B/B
T103	Hesperian Boulevard-Union City Blvd-SB	Industrial Blvd	Hesperian/Union City Blvd/overbridge	Hayward	0.57	South	1	2	1,718	22.0	C/D	720	28.5	B/B	888	25.7	C/C
T104	Hesperian Boulevard-Union City Blvd-SB	Hesperian/Union City Blvd/overbridge	Whipple Rd	Union City	0.30	South	1	2	3,700	25.6	C/C	720	28.9	B/B	888	30.2	B/B
T105	Hesperian Boulevard-Union City Blvd-SB	Whipple Rd	Union City/Alvarado Blvd	Union City	0.98	South	1	2	3,588	25.2	C/C	720	30.9	B/B	888	27.6	C/C
T106	Alvarado Blvd.-NB	NB I-880 ON Ramp	Deep Creek Rd/SB I-880 OFF Ramp	Fremont	0.22	South	1	2	1,915	26.0	C/C	720	30.5	B/B	960	30.3	B/B
T107	Alvarado Blvd.-NB	Deep Creek Rd/SB I-880 OFF Ramp	Fair Ranch Rd	Union City	1.42	South	1	2	1,450	23.4	C/C	692	30.2	B/B	857	28.4	B/B
T108	Alvarado Blvd.-NB	Fair Ranch Rd	Union City/Alvarado Blvd	Union City	0.51	South	1	2	1,627	18.9	D/D	703	23.7	C/C	864	21.5	D/D
T109	Alvarado Blvd.-SB	Union City/Alvarado Blvd	Fair Ranch Rd	Union City	0.51	South	1	2	2,410	17.5	D/D	692	23.5	C/C	874	21.0	D/D
T110	Alvarado Blvd.-SB	Fair Ranch Rd	Deep Creek Rd/SB I-880 OFF Ramp	Union City	1.42	South	1	2	2,405	23.0	C/C	692	29.6	B/B	874	25.7	C/C
T111	Alvarado Blvd.-SB	Deep Creek Rd/SB I-880 OFF Ramp	NB I-880 ON Ramp	Fremont	0.22	South	1	2	3,166	27.7	C/C	717	28.8	B/B	960	28.1	B/B

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T112	Fremont Boulevard-NB	NB I-880 OFF Ramp	Automall Parkway	Fremont	1.28	South	1	2	1,147	24.5	C/C	720	25.3	C/C	956	25.1	C/C
T113	Fremont Boulevard-NB	Automall Parkway	Blacow Rd	Fremont	0.91	South	1	2	2,171	28.8	B/B	678	31.6	B/B	958	31.3	B/B
T114	Fremont Boulevard-NB	Blacow Rd	Adams Ave	Fremont	0.38	South	1	2	3,414	23.5	C/C	600	27.7	C/C	897	26.8	C/C
T115	Fremont Boulevard-NB	Adams Ave	Stevenson Rd	Fremont	1.17	South	2	3	2,853	23.2	C/C	603	23.7	C/C	897	22.0	C/C
T116	Fremont Boulevard-NB	Stevenson Rd	Mowry Ave	Fremont	1.00	South	2	3	1,399	26.2	B/B	720	22.5	C/C	960	24.2	B/B
T117	Fremont Boulevard-NB	Mowry Ave	Peralta Blvd	Fremont	1.21	South	2	3	1,493	20.9	C/C	530	26.3	B/B	914	22.4	C/C
T118	Fremont Boulevard-NB	Peralta Blvd	Thornton Ave	Fremont	0.33	South	2	3	1,433	16.1	D/D	632	20.8	C/C	952	20.4	C/C
T119	Fremont Boulevard-NB	Thornton Ave	Decoto Rd	Fremont	1.33	South	1	2	2,075	23.5	C/C	707	29.3	B/B	960	24.2	C/C
T120	Fremont Boulevard-NB	Decoto Rd	Paseo Padre Pkwy	Fremont	0.56	South	1	2	1,840	25.6	C/C	720	28.5	B/B	960	26.8	C/C
T121	Fremont Boulevard-NB	Paseo Padre Pkwy	NB I-880 OFF Ramp	Fremont	0.39	South	1	2	1,528	25.7	C/C	720	28.9	B/B	960	29.5	B/B
T122	Fremont Boulevard-SB	NB I-880 OFF Ramp	Paseo Padre Pkwy	Fremont	0.39	South	1	2	2,785	26.3	C/C	718	28.7	B/B	960	26.9	C/C
T123	Fremont Boulevard-SB	Paseo Padre Pkwy	Decoto Rd	Fremont	0.56	South	1	2	2,684	17.9	D/D	718	28.3	B/B	956	21.6	D/D
T124	Fremont Boulevard-SB	Decoto Rd	Thornton Ave	Fremont	1.33	South	1	2	2,649	21.7	D/D	709	27.9	C/C	954	23.1	C/C
T125	Fremont Boulevard-SB	Thornton Ave	Peralta Blvd	Fremont	0.32	South	2	3	2,908	17.7	D/D	692	21.5	C/C	947	22.7	C/C
T126	Fremont Boulevard-SB	Peralta Blvd	Mowry Ave	Fremont	1.21	South	2	3	2,572	21.7	C/C	628	26.1	B/B	946	22.9	C/C

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T127	Fremont Boulevard-SB	Mowry Ave	Stevenson Rd	Fremont	1.00	South	2	3	2,495	26.2	B/B	715	23.6	C/C	960	24.9	B/B
T128	Fremont Boulevard-SB	Stevenson Rd	Adams Ave	Fremont	1.17	South	2	3	2,404	25.9	B/B	689	24.0	C/C	954	24.0	C/C
T129	Fremont Boulevard-SB	Adams Ave	Blacow Rd	Fremont	0.38	South	1	2	2,789	26.2	C/C	689	29.5	B/B	954	26.3	C/C
T130	Fremont Boulevard-SB	Blacow Rd	Automall Parkway	Fremont	0.91	South	1	2	2,780	27.6	C/C	689	29.1	B/B	954	31.1	B/B
T131	Fremont Boulevard-SB	Automall Parkway	NB I-880 OFF Ramp	Fremont	1.28	South	1	2	2,791	30.4	B/B	720	25.9	C/C	960	29.5	B/B
T132	Automall Parkway-EB	NB I-880 OFF Ramp	Fremont Blvd	Fremont	0.85	South	1	2	3,371	26.6	C/C	720	25.1	C/C	960	26.5	C/C
T133	Automall Parkway-EB	Fremont Blvd	NB I-680 ON Ramp	Fremont	0.74	South	1	2	3,357	21.1	D/D	720	24.1	C/C	960	22.2	C/C
T134	Automall Parkway-WB	NB I-680 ON Ramp	Fremont Blvd	Fremont	0.75	South	1	2	3,339	21.4	D/D	720	27.5	C/C	960	23.5	C/C
T135	Automall Parkway-WB	Fremont Blvd	NB I-880 OFF Ramp	Fremont	0.85	South	1	2	3,678	31.2	B/B	720	26.5	C/C	960	28.0	B/B
T136	Vasco Road-NB	WB I-580 OFF Ramp	Scenic Ave	Livermore	0.44	East	1	2	3,253	28.1	B/B	720	34.7	B/B	888	31.0	B/B
T137	Vasco Road-NB	Scenic Ave	Dalton Ave/City-County Line	Livermore	0.68	East	1	2	3,441	30.3	B/B	720	35.8	A/A	888	35.6	A/A
T138	Vasco Road-NB	Dalton Ave/City-County Line	N. Vasco Rd/Vasco Rd	Alameda County	3.11	East	1	2	3,602	55.0	A/-	720	50.0	A/A	888	49.8	A/A
T139	Vasco Road-NB	N. Vasco Rd/Vasco Rd	Local Road underpass/County Line	Alameda County	2.25	East	1	2	3,602	55.0	A/-	na	na	na	888	57.4	A/A
T140	Vasco Road-SB	Local Road underpass/County Line	N. Vasco Rd/Vasco Rd	Alameda County	2.25	East	1	2	3,706	28.6	D/-	na	na	na	888	27.8	C/C

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T141	Vasco Road-SB	N. Vasco Rd/Vasco Rd	Dalton Ave/City-County Line	Alameda County	3.11	East	1	2	3,706	28.6	D/-	720	39.7	A/A	888	18.0	D/D
T142	Vasco Road-SB	Dalton Ave/City-County Line	Scenic Ave	Livermore	0.68	East	1	2	3,703	28.7	B/B	720	34.0	B/B	888	30.5	B/B
T143	Vasco Road-SB	Scenic Ave	WB I-580 OFF Ramp	Livermore	0.44	East	1	2	3,520	28.9	B/B	720	33.6	B/B	888	25.4	C/C
T144	Dublin Blvd.-EB	San Ramon Road	Village Parkway	Dublin	0.73	East	2	3	1,847	20.6	C/C	718	26.2	B/B	885	25.2	B/B
T145	Dublin Blvd.-EB	Village Parkway	Dougherty Rd	Dublin	0.81	East	2	3	2,073	22.6	C/C	720	26.8	B/B	885	27.6	B/B
T146	Dublin Blvd.-EB	Dougherty Rd	Hacienda Dr	Dublin	1.21	East	1	2	3,507	25.6	C/C	720	27.7	C/C	888	27.6	C/C
T147	Dublin Blvd.-EB	Hacienda Dr	Tassajara Dr	Dublin	0.89	East	1	2	1,266	23.5	C/C	12	25.7	C/C	53	24.8	C/C
T148	Dublin Blvd.-WB	Tassajara Dr	Hacienda Dr	Dublin	0.89	East	1	2	3,265	26.4	C/C	714	28.9	B/B	888	30.4	B/B
T149	Dublin Blvd.-WB	Hacienda Dr	Dougherty Rd	Dublin	1.21	East	1	2	3,561	25.4	C/C	720	28.6	B/B	888	25.8	C/C
T150	Dublin Blvd.-WB	Dougherty Rd	Village Parkway	Dublin	0.81	East	2	3	3,424	24.6	B/B	720	26.6	B/B	888	26.3	B/B
T151	Dublin Blvd.-WB	Village Parkway	San Ramon Road	Dublin	0.73	East	2	3	2,225	18.3	C/C	720	25.1	B/B	888	23.4	C/C
T152	San Ramon Road-NB	WB I-580 OFF ramp	Silvergate Dr	Dublin	0.64	East	1	2	1,300	22.9	C/C	710	28.7	B/B	886	27.3	C/C
T153	San Ramon Road-NB	Silvergate Dr	Alcosta Blvd/Westside Dr/County Line	Dublin	0.99	East	1	2	2,703	29.4	B/B	667	30.3	B/B	858	31.7	B/B
T154	San Ramon Road-SB	Alcosta Blvd/Westside Dr/County Line	Silvergate Dr	Dublin	0.99	East	1	2	3,093	32.0	B/B	710	33.5	B/B	887	33.2	B/B
T155	San Ramon Road-SB	Silvergate Dr	WB I-580 OFF ramp	Dublin	0.64	East	1	2	2,318	24.7	C/C	710	26.9	C/C	887	26.6	C/C
T156	Dougherty Road-NB	WB I-580 OFF ramp	Amador Valley Blvd on SB	Dublin	1.12	East	1	2	3,456	18.8	D/D	na	na	na	888	33.9	B/B

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T157	Dougherty Road-NB	Amador Valley Blvd on SB	Fallcreek Rd on SB/ County Line	Dublin	0.80	East	1	2	3,361	37.1	A/A	719	41.4	A/A	886	41.9	A/A
T158	Dougherty Road-SB	Fallcreek Rd on SB/ County Line	Amador Valley Blvd on SB	Dublin	0.80	East	1	2	3,692	33.8	B/B	720	43.2	A/A	888	40.0	A/A
T159	Dougherty Road-SB	Amador Valley Blvd on SB	WB I-580 OFF ramp	Dublin	1.12	East	1	2	3,619	20.5	D/D	720	30.7	B/B	888	28.1	B/B
T160	Tassajara Road-NB	WB I-580 OFF ramp	Central Parkway	Dublin	0.49	East	1	2	na	na	na	720	29.6	B/B	888	25.7	C/C
T161	Tassajara Road-NB	Central Parkway	Somerset Ln/N Dublin Ranch Dr	Dublin	0.68	East	1	2	na	na	na	685	31.5	B/B	872	31.4	B/B
T162	Tassajara Road-NB	Somerset Ln/N Dublin Ranch Dr	Fallon Rd	Dublin	1.04	East	1	2	na	na	na	623	36.4	A/A	812	31.0	B/B
T163	Tassajara Road-NB	Fallon Rd	County Line	Dublin	0.51	East	1	1	na	na	na	na	na	na	873	36.7	A/B
T164	Tassajara Road-SB	County Line	Fallon Rd	Dublin	0.51	East	1	1	na	na	na	na	na	na	883	38.1	A/B
T165	Tassajara Road-SB	Fallon Rd	Somerset Ln/N Dublin Ranch Dr	Dublin	1.04	East	1	2	na	na	na	720	40.3	A/A	888	34.5	B/B
T166	Tassajara Road-SB	Somerset Ln/N Dublin Ranch Dr	Central Parkway	Dublin	0.68	East	1	2	na	na	na	720	31.6	B/B	888	29.5	B/B
T167	Tassajara Road-SB	Central Parkway	WB I-580 OFF ramp	Dublin	0.49	East	1	2	na	na	na	720	32.8	B/B	888	25.7	C/C
T168	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	SR 84/Isabel Ave	Murrita Blvd	Livermore	0.91	East	1	2	2,082	25.1	C/C	720	31.0	B/B	883	28.8	B/B
T169	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	Murrita Blvd	S Livermore Ave	Livermore	1.07	East	2	3	699	22.1	C/C	na	na	na	857	25.1	B/B
T170	E. Stanley Blvd - Railroad Avenue - 1st Street-NB	S Livermore Ave	Inman St	Livermore	0.46	East	2	3	93	18.8	C/C	555	22.5	C/C	830	25.6	B/B

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T171	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Inman St	S Livermore Ave	Livermore	0.46	East	2	3	325	22.1	C/C	na	na	na	876	22.1	C/C
T172	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	S Livermore Ave	Murrita Blvd	Livermore	1.07	East	2	3	2,809	22.8	C/C	na	na	na	888	23.0	C/C
T173	E. Stanley Blvd - Railroad Avenue - 1st Street-SB	Murrita Blvd	SR 84/Isabel Ave	Livermore	0.91	East	1	2	3,649	35.1	A/A	720	35.3	A/A	888	36.9	A/A
T174	Stoneridge Drive-EB	SB I-680 OFF Ramp	Hopyard Rd	Pleasanton	0.93	East	1	2	3,233	28.0	B/C	714	33.5	B/B	887	34.2	B/B
T175	Stoneridge Drive-EB	Hopyard Rd	Hacienda Dr	Pleasanton	0.49	East	1	2	1,474	24.7	C/C	693	29.7	B/B	882	25.4	C/C
T176	Stoneridge Drive-EB	Hacienda Dr	W. Las Positas Blvd	Pleasanton	0.63	East	1	2	2,116	29.2	B/B	693	29.6	B/B	882	29.3	B/B
T177	Stoneridge Drive-EB	W. Las Positas Blvd	Santa Rita Road	Pleasanton	0.44	East	1	2	531	21.4	D/D	na	na	na	874	27.1	C/C
T178	Santa Rita Road-EB	Stoneridge Dr/Santa Rita Road	W. Los Positas Blvd	Pleasanton	0.29	East	1	2	3,170	28.6	B/B	720	32.6	B/B	888	31.7	B/B
T179	Santa Rita Road-EB	W. Los Positas Blvd	WB I-580 OFF Ramp	Pleasanton	0.88	East	1	2	3,304	31.4	B/B	720	34.5	B/B	888	35.2	A/A
T180	Santa Rita Road-WB	WB I-580 OFF Ramp	W. Los Positas Blvd	Pleasanton	0.88	East	1	2	3,414	28.7	B/B	720	32.4	B/B	888	30.8	B/B
T181	Santa Rita Road-WB	W. Los Positas Blvd	Santa Rita Road	Pleasanton	0.29	East	1	2	3,529	25.1	C/C	720	31.3	B/B	888	31.4	B/B
T182	Stoneridge Drive-WB	Santa Rita Road	W. Las Positas Blvd	Pleasanton	0.44	East	1	2	2,092	28.1	B/B	na	na	na	888	27.5	C/C
T183	Stoneridge Drive-WB	W. Las Positas Blvd	Hacienda Dr	Pleasanton	0.63	East	1	2	3,380	34.4	B/B	na	na	na	888	29.2	B/B
T184	Stoneridge Drive-WB	Hacienda Dr	Hopyard Rd	Pleasanton	0.49	East	1	2	3,015	24.6	C/C	720	29.1	B/B	888	24.5	C/C

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T185	Stoneridge Drive-WB	Hopyard Rd	SB I-680 OFF Ramp	Pleasanton	0.93	East	1	2	3,110	29.6	B/B	715	32.6	B/B	888	32.0	B/B
T186	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	NB I-680 OFF	Bernal Ave	Pleasanton	1.23	East	1	2	1,237	28.7	B/B	510	29.1	B/B	808	29.5	B/B
T187	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave	Ray/Vineyard	Pleasanton	0.63	East	3	4	3,002	22.8	B/B	719	23.0	B/B	888	20.8	B/B
T188	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Ray/Vineyard	Bernal Ave/Valley Ave	Pleasanton	0.86	East	2	3	1,313	27.3	B/B	682	28.3	B/B	840	30.3	A/A
T189	Sunol Blvd.- 1st Street- Stanley Blvd.-NB	Bernal Ave/Valley Ave	SR 84/Isabel Ave	Livermore	2.98	East	1	1	2,895	47.4	A/A	712	50.7	A/A	881	54.1	A/A
T190	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	SR 84/Isabel Ave	Bernal Ave/Valley Ave	Livermore	2.98	East	1	1	3,695	50.4	A/A	720	52.7	A/A	888	52.4	A/A
T191	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave/Valley Ave	Ray/Vineyard	Pleasanton	0.86	East	2	3	3,245	26.4	B/B	720	29.5	B/B	888	22.0	C/C
T192	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Ray/Vineyard	Bernal Ave	Pleasanton	0.63	East	3	4	3,538	16.0	C/C	720	21.6	B/B	888	13.2	C/C
T193	Sunol Blvd.- 1st Street- Stanley Blvd.-SB	Bernal Ave	NB I-680 OFF	Pleasanton	1.23	East	1	2	3,660	23.9	C/C	720	31.4	B/B	888	28.4	B/B
T194	14th Avenue - EB	E 8th Street	Foothill Boulevard	Oakland	0.26	North	3	3	684	11.3	D/E	603	14.8	C/D	772	14.1	C/D
T195	14th Street-Lake Merritt Blvd - WB	12th Street	Bush Street	Oakland	1.13	North	3	3	171	12.1	D/E	521	13.8	C/E	772	13.8	C/E
T196	20th Street	Harrison Street	San Pablo Avenue	Oakland	0.51	North	2	3	na	na	na	470	12.4	E/E	798	12.0	E/E

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T197	23rd Avenue - NB	23rd Ave NB/SB Split	E 11th	Oakland	0.15	North	3	3	3,028	22.0	B/C	691	20.6	B/C	877	22.9	B/C
T198	23rd Avenue - SB	E 12th St	23rd Ave NB/SB Split	Oakland	0.14	North	3	3	803	15.0	C/D	711	21.3	B/C	888	22.7	B/C
T199	29th Avenue	Ford St	International/E 14th	Oakland	0.52	Central	2	3	na	na	na	492	14.2	D/D	845	14.9	D/D
T200	40th Street-Shellmound Avenue - WB	Broadway	Powell Boulevard	Oakland	1.31	North	3	3	568	17.6	C/D	577	19.6	B/C	802	19.0	C/C
T201	42nd Avenue-Courtland	International Blvd	High Street	Oakland	0.37	Central	2	3	na	na	na	194	18.1	C/C	635	16.8	D/D
T202	52nd Street - WB	Telegraph Avenue	Shattuck	Oakland	0.11	North	3	3	1,691	13.1	C/E	446	16.9	C/D	741	14.3	C/D
T203	55th Street	Shattuck Avenue	Market Street	Oakland	0.52	North	2	3	na	na	na	525	17.1	D/D	757	18.1	C/C
T204	5th Street	Oak Street	Adeline Street	Oakland	1.32	North	2	3	na	na	na	na	na	na	811	20.2	C/C
T205	6th Street	Oak Street	Adeline Street	Oakland	1.32	North	2	3	na	na	na	720	41.1	A/A	888	37.1	A/A
T206	73rd Avenue	MacArthur Blvd	I-580	Oakland	0.79	Central	2	3	na	na	na	696	20.8	C/C	876	18.3	C/C
T207	7th Street-E 8th Street	14th Avenue	I-880	Oakland	3.43	North	2	3	na	na	na	22	17.9	D/D	178	18.2	C/C
T208	8th Street - WB	Harrison	Broadway	Oakland	0.22	North	3	3	1,438	9.7	D/F	708	12.0	D/E	874	11.3	D/E
T209	98th Avenue - EB	Airport Access Road	I-580	Oakland	3.25	North	3	3	968	16.0	C/D	441	20.1	B/C	847	19.1	B/C
T210	Airport Access Road - NB	Dollittle Drive	Hegenberger Road	Oakland	0.32	North	3	3	911	13.9	C/E	608	18.3	C/C	851	17.9	C/D
T211	Altamont Pass Road-Grant Line - EB	Greenville Road	County Line (EB)	Alameda County	9.71	East	1	2	189	38.4	A/A	49	45.9	A/A	157	49.3	A/A

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T212	Altamont Pass Road-Grant Line	Laughlin Rd	Greenville Road	Alameda County	0.49	East	1	2	na	na	na	399	35.6	A/A	850	33.6	B/B
T213	AltamontPass-Grant Line	Vasco Road	Laughlin Rd	Livermore	0.90	East	1	2	na	na	na	307	33.1	B/B	840	33.9	B/B
T214	Alvarado-Niles/Smith/NilesBlvd - EB	Union City Boulevard	Mission Boulevard	Union City	6.89	South	3	3	1,148	21.0	B/C	477	26.4	A/B	941	23.9	B/C
T215	Auto Mall Parkway - EB	Cherry Street	I-880	Fremont	0.75	South	3	3	3,478	20.7	B/C	720	21.4	B/C	960	22.0	B/C
T216	B Street	Foothill Boulevard	Mission Boulevard	Hayward	0.20	South	2	3	na	na	na	720	15.4	D/D	960	11.6	E/E
T217	Bernal Avenue - EB	Bernal Avenue	Sunol Blvd/First St	Pleasanton	1.37	East	1	1	2,459	27.6	C/C	590	29.8	B/C	872	28.5	B/C
T218	Broadway - NB	College Ave	SR24	Oakland	0.94	North	3	3	1,737	22.2	B/C	631	24.7	B/B	836	24.7	B/B
T219	Broadway	Encinal Avenue	Tilden Way	Alameda	0.55	Central	2	3	na	na	na	na	na	na	876	16.3	D/D
T220	Buchanan Street-Marin Avenue - EB	I-80	Arlington/Del Norte	Albany	2.12	North	3	3	1,200	15.6	C/D	280	17.0	C/D	727	16.9	C/D
T221	Bush Street	7th Street	San Pablo Avenue	Oakland	0.87	North	2	3	na	na	na	na	na	na	857	21.9	C/C
T223	Carlos Bee Blvd-Hayward Blvd	Campus Drive	Mission Boulevard	Hayward	0.93	South	1	2	na	na	na	715	33.8	B/B	960	33.0	B/B
T224	Casto Street - NB	7th Street	San Pablo Avenue	Oakland	0.77	North	3	3	162	16.3	C/D	615	23.2	B/C	864	21.5	B/C
T225	Castro Valley Boulevard-Mattox - EB	Mission Boulevard	Crow Canyon Road	Alameda County	2.70	Central	3	3	652	17.6	C/D	656	22.4	B/C	886	21.8	B/C
T226	Central Avenue - NB	Cherry Street	I-880	Newark	0.85	South	3	3	659	22.1	B/C	674	28.1	A/B	931	29.1	A/B
T227	Cherry-Boyce-Cushing	I-880	Thornton Avenue	Newark	5.67	South	1	2	na	na	na	685	33.2	B/B	952	35.9	A/A

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T228	Claremont Avenue	Telegraph Avenue	Ashby Avenue	Oakland	2.62	North	2	3	na	na	na	na	na	na	206	19.8	C/C
T229	Clawiter Road - SB	Winton Avenue	SR-92	Hayward	1.75	Central	3	3	3,244	19.0	B/C	720	22.1	B/C	960	23.1	B/C
T230	Constitution Way-8th Street	Central Avenue	Webster Street	Alameda	0.95	Central	2	3	na	na	na	720	18.6	C/C	960	16.0	D/D
T231	Dublin Boulevard	Fallon Road	Tassajara Road	Dublin	1.24	East	1	2	na	na	na	na	na	na	886	29.6	B/B
T232	Durant Avenue	Shattuck Avenue	College Avenue	Berkeley	0.73	North	2	3	na	na	na	566	15.8	D/D	856	17.7	D/D
T233	Dyer Street - SB	Whipple Road	Alvarado Boulevard	Union City	1.15	South	3	3	2,169	22.8	B/C	684	26.6	A/B	860	26.7	A/B
T234	E 12th Street	40th St	Lake Merritt Blvd	Oakland	2.82	North	2	3	na	na	na	na	na	na	880	28.4	B/B
T235	E 18th Street - EB	Lakeshore Avenue	Park Boulevard	Oakland	0.22	North	3	3	304	16.0	C/D	55	14.1	C/D	119	15.8	C/D
T236	East Avenue - EB	Livermore Avenue	Vasco Road	Livermore	2.53	East	2	2	1,698	28.9	B/B	709	28.5	B/B	886	28.5	B/B
T237	El Charro Road - NB	Stoneridge Drive	I-580	Pleasanton	0.26	East	2	2	2,030	22.5	C/C	660	44.0	A/A	888	43.0	A/A
T238	Estudillo Avenue - EB	E 14th St	MacArthur Blvd	San Leandro	0.98	Central	3	3	1,064	21.7	B/C	535	22.8	B/C	878	22.7	B/C
T239	Fallon Road	I-580	Tassajara Road	Dublin	2.85	East	1	2	na	na	na	23	32.1	B/B	875	33.1	B/B
T240	Fernside Boulevard	Otis-Dollittle Drive	High Street	Alameda	1.15	Central	2	3	na	na	na	720	21.8	C/C	960	20.4	C/C
T241	First Street - EB	Stanley Boulevard	Railroad Avenue	Livermore	0.88	East	2	2	109	15.7	D/E	25	20.6	C/D	101	16.0	D/E
T242	Foothill Road - NB	Stoneridge Drive	I-580	Pleasanton	0.74	East	2	2	2,195	21.3	C/D	720	30.2	A/B	870	25.9	B/C
T243	Fremont Boulevard	I-880	County Line	Fremont	3.01	South	1	2	na	na	na	611	38.6	A/A	906	39.1	A/A

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T244	Fruitvale Avenue - NB	Tilden Way	MacArthur Blvd	Oakland	2.37	North	3	3	317	13.1	C/E	662	16.7	C/D	954	15.3	C/D
T245	Gilman Street - EB	I-80	San Pablo Boulevard	Berkeley	0.63	North	3	3	1,825	16.3	C/D	710	16.5	C/D	884	17.7	C/D
T246	Gimmer Boulevard - SB	Paseo Padre Parkway	Mission Boulevard	Fremont	5.08	South	3	3	241	22.1	B/C	329	27.0	A/B	814	26.5	A/B
T247	Harrison St-Oakland Ave - EB	20th Street	MacArthur Blvd	Oakland	0.99	North	3	3	579	19.2	B/C	436	17.2	C/D	713	15.7	C/D
T248	High Street - NB	I-580	MacArthur Blvd	Oakland	0.05	North	3	3	1,779	8.9	E/F	720	18.6	C/C	884	13.7	C/E
T249	Industrial Blvd-Pkwy West - EB	Clawiter Road	Mission Boulevard	Hayward	5.06	Central	3	3	2,449	23.0	B/C	720	26.3	A/B	959	26.2	A/B
T250	Industrial Pkwy Southwest	Industrial Pkwy West	Whipple Road	Hayward	0.92	South	1	2	na	na	na	717	33.9	B/B	960	28.5	B/B
T251	Isabel Avenue	Portola Avenue	Airway Boulevard	Livermore	0.85	East	1	2	na	na	na	705	26.2	C/C	888	26.3	C/C
T252	Lewelling Boulevard - EB	Hesperian Boulevard	Hespedian Boulevard	Alameda County	1.42	Central	3	3	434	19.1	B/C	682	23.5	B/C	841	20.2	B/C
T253	Lewelling Boulevard - WB	Hesperian Boulevard	Wicks Boulevard	San Leandro	1.53	Central	3	3	1,337	23.5	B/C	705	26.3	A/B	951	26.7	A/B
T254	Livermore Avenue - NB	Tesla Road	I-580	Livermore	3.29	East	2	2	612	24.4	B/C	511	25.2	B/C	779	26.3	B/C
T255	MacArthur-SantaClara - WB	Estudillo Avenue	Seminary Ave	Oakland	4.36	Central - North	3	3	146	17.3	C/D	178	25.1	A/B	531	24.2	B/B
T256	Main St-Santa Rita Rd	Bernal Avenue	Stoneridge Drive	Pleasanton	3.10	East	1	2	na	na	na	na	na	na	721	21.2	D/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T257	Marina Boulevard - WB	Washington Avenue	Dollittle Drive	San Leandro	1.80	Central	3	3	1,306	17.5	C/D	529	19.6	B/C	871	20.4	B/C
T258	Market Street - NB	55th Street	Stanford Avenue	Oakland	0.36	North	3	3	909	17.6	C/D	238	18.5	C/C	628	19.1	B/C
T259	Martin Luther King Jr Way - NB	Adeline Street	Marin Avenue	Berkeley	2.67	North	3	3	921	15.9	C/D	320	17.9	C/D	652	16.9	C/D
T260	Martin Luther King Jr Way - NB	San Pablo Avenue	47th Street	Oakland	1.78	North	3	3	54	18.2	C/C	9	20.3	B/C	35	20.0	B/C
T261	Mission Boulevard - SB	I-680	I-680	Fremont	3.01	South	3	3	2,250	28.1	A/B	683	33.1	A/A	958	34.8	A/A
T262	Mowry Avenue	I-880	Cherry Street	Newark	0.78	South	1	2	na	na	na	720	22.4	C/C	960	24.6	C/C
T263	Neal Street	Main St	1st Street	Pleasanton	0.13	East	1	2	na	na	na	396	19.4	D/D	831	14.6	E/E
T264	North Canyons Parkway-Portola	Airway Boulevard	1st Street	Livermore	4.20	East	1	2	na	na	na	453	29.7	B/B	844	29.9	B/B
T265	Osgood Road-WarmSpringsBlvd	County Line	Fremont/Washington	Fremont	5.48	South	1	2	na	na	na	631	30.0	B/B	935	30.1	B/B
T266	Otis Drive	Park Street	Broadway	Alameda	0.24	North	2	3	na	na	na	720	20.0	C/C	957	18.0	D/D
T267	Owens Drive - EB	Willow Road	W Las Positas Blvd	Pleasanton	1.10	East	2	2	967	21.5	C/D	208	28.9	B/B	637	30.4	A/B
T268	Park Boulevard - EB	E. 18th Street	SR-13	Oakland	3.12	North	3	3	370	20.9	B/C	292	24.6	B/B	680	22.1	B/C
T269	Park Street - NB	Otis Drive	Encinal Avenue	Alameda	0.42	North	3	3	1,405	16.0	C/D	700	16.6	C/D	960	17.7	C/D

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T270	Paseo Padre Parkway - WB	Grimmer Boulevard	Peralta Boulevard	Fremont	2.30	South	3	3	1,437	25.8	A/B	700	26.1	A/B	954	27.1	A/B
T271	Paseo Padre Parkway - EB	Sr-84	Ardenwood Boulevard	Fremont	1.50	South	3	3	835	36.8	A/A	634	39.3	A/A	947	38.3	A/A
T272	Patterson Pass Road - EB	Vasco	County Line	Livermore	10.11	East	1	2	349	30.3	C/B	na	na	na	9	33.2	B/B
T273	Redwood Road - NB	I-580	Catro Valley Boul	Alameda County	0.38	Central	3	3	1,707	14.2	C/D	718	20.8	B/C	884	19.6	B/C
T274	San Leandro Blvd - EB	San Leandro/Oakland	E 14th Street	San Leandro	2.18	Central - North	3	3	507	20.9	B/C	270	27.2	A/B	759	27.1	A/B
T275	San Leandro Street - EB	Fruitvale Avenue	Oakland//SL border	Oakland	4.33	North	3	3	167	21.2	B/C	492	26.7	A/B	783	24.0	B/B
T276	San Pablo Avenue	16th Street	I-580	Oakland	1.70	North	2	3	na	na	na	4	13.8	E/E	107	18.0	D/D
T277	Santa Clara Avenue	Webster Street	Broadway	Alameda	2.28	North	2	3	na	na	na	na	na	na	224	18.0	D/D
T278	Seminary Avenue - EB	MacArthur Boulevard	I-580	Oakland	0.67	North	3	3	1,665	21.1	B/C	662	23.6	B/C	888	22.2	B/C
T279	Shattuck Avenue	Marin Avenue	University Avenue	Berkeley	1.27	North	2	3	na	na	na	510	19.4	C/C	816	18.2	C/C
T280	Solano Avenue	San Pablo Boulevard	Sutter Street	Albany	1.47	North	2	3	na	na	na	330	17.9	D/D	727	16.7	D/D
T281	Stevenson Boulevard - NB	Cherry Street	Mission Boulevard	Fremont	4.02	South	3	3	1,815	23.2	B/C	697	24.8	B/B	553	26.3	A/B

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T282	Stoneridge Dr- Jack London Blvd - WB	Hopyard Rd	Foothill Road	Pleasanton	1.52	East	1	1	3,250	27.6	C/C	651	32.0	B/C	880	33.1	B/C
T283	Telegraph Avenue - NB	Broadway	51st Street	Oakland	2.25	North	3	3	303	14.8	C/D	438	16.7	C/D	594	16.0	C/D
T284	Tennyson Road - WB	Hesperian Boulevard	Industrial Boulevard	Hayward	0.60	Central	3	3	2,255	25.3	A/B	720	24.8	B/B	960	28.4	A/B
T285	Tesla Road - WB	Livermore Avenue	County Line (EB)	Alameda County	11.93	East	1	2	67	36.5	A/-	na	na	na	79	36.5	A/A
T286	Thornton Avenue - EB	SR-84	I-880	Newark	3.73	South	3	3	2,013	25.1	A/B	715	27.9	A/B	960	28.6	A/B
T287	Tilden Way	Park Street	Fruitvale Avenue	Alameda	0.43	Central	2	3	na	na	na	506	17.4	D/D	926	17.4	D/D
T288	UC Blvd- Ardenwood- Newark Blvd	Alvarado Blvd	SR 84	Union City	3.57	South	1	2	na	na	na	708	34.0	B/B	960	29.3	B/B
T289	Vallecitos Road - NB	Sr-84	1st St	Livermore	3.32	East	2	2	1,201	32.4	A/B	656	35.5	A/A	836	36.1	A/A
T290	Vasco Road - SB	I-580	Tesla Road	Livermore	4.05	East	2	2	1,843	32.3	A/B	na	na	na	888	33.8	A/B
T291	Village Parkway - NB	Dublin Boulevard	County Line	Dublin	1.50	East	2	2	110	19.1	C/D	610	24.6	B/C	870	21.7	C/D
T292	W Las Positas Blvd - EB	Owens Drive	Santa Rita Road	Pleasanton	0.22	East	2	2	887	15.6	D/E	na	na	na	863	18.1	C/D
T293	Walnut Avenue	Mission Boulevard	Fremont Boulevard	Fremont	1.83	South	1	2	na	na	na	na	na	na	949	25.3	C/C
T294	Warren Avenue	Fremont Blvd	Warm Springs Blvd	Fremont	1.04	South	1	2	na	na	na	707	23.1	C/C	960	22.6	C/C

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T295	Washington Avenue - NB	Lewelling Blvd	Juana Avenue	San Leandro	2.72	Central	3	3	395	17.7	C/D	304	21.1	B/C	684	20.9	B/C
T296	Washington Boulevard - WB	Mission Boulevard	Fremont Boulevard	Fremont	2.20	South	3	3	1,735	26.1	A/B	694	29.1	A/B	890	27.6	A/B
T297	Whipple Road	Mission Boulevard	Union City Boulevard	Union City	3.43	South	1	2	na	na	na	713	24.1	C/C	882	23.0	C/C
T298	Wicks Blvd-Merced Street - SB	Marina Boulevard	Lewelling Blvd	San Leandro	2.19	Central	3	3	213	27.0	A/B	na	na	na	939	27.9	A/B
T299	Winton Avenue - WB	Hesperian Boulevard	Clawiter Road	Hayward	0.54	Central	3	3	3,667	24.9	B/B	720	21.0	B/C	960	26.0	A/B
T300	14th Avenue - WB	Foothill Boulevard	E 8th Street	Oakland	0.26	North	3	3	987	13.8	C/E	na	na	na	858	11.2	D/E
T301	14th Street-Lake Merritt Blvd - EB	Brush Street	12th Street	Oakland	1.13	North	3	3	228	11.8	D/E	212	13.7	C/E	476	14.1	C/D
T302	20th Street	San Pablo Avenue	Harrison Street	Oakland	0.51	North	2	3	na	na	na	542	12.7	E/E	801	11.0	E/E
T303	23rd Avenue - SB	E 11th	23rd Ave NB/SB Split	Oakland	0.15	North	3	3	1,011	15.4	C/D	711	20.6	B/C	888	22.7	B/C
T304	23rd Avenue - NB	23rd Ave NB/SB Split	E 12 St	Oakland	0.14	North	3	3	1,849	16.6	C/D	691	21.1	B/C	877	21.1	B/C
T305	29th Avenue	International/E 14th	Ford St	Oakland	0.52	Central	2	3	na	na	na	634	14.3	D/D	207	12.9	E/E
T306	40th Street-Shellmound Avenue - EB	Powell Boulevard	Broadway	Oakland	1.31	North	3	3	108	16.2	C/D	603	19.0	B/C	958	19.2	B/C
T307	42nd Avenue-Courtland	High Street	International Blvd	Oakland	0.37	Central	2	3	na	na	na	408	20.3	C/C	774	20.8	C/C
T308	52nd Street - EB	Shattuck Avenue	Telegraph Avenue	Oakland	0.11	North	3	3	2,489	10.3	D/E	679	12.9	D/E	875	13.5	C/E

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CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T309	55th Street	Market Street	Shattuck Avenue	Oakland	0.52	North	2	3	na	na	na	506	16.4	D/D	842	17.0	D/D
T310	5th Street	Adeline Street	Oak Street	Oakland	1.32	North	2	3	na	na	na	713	25.5	B/B	883	24.6	B/B
T312	73rd Avenue	I-580	MacArthur Blvd	Oakland	0.79	Central	2	3	na	na	na	597	21.0	C/C	863	18.9	C/C
T313	7th Street-E 8th Street - EB	I-880	14th Avenue	Oakland	3.43	North	3	3	91	16.4	C/D	145	19.6	B/C	287	18.7	C/C
T314	98th Avenue - WB	I-580	Airport Access Road	Oakland	3.25	North	3	3	517	15.2	C/D	611	20.1	B/C	880	19.8	B/C
T315	Airport Access Road - SB	Hegenberger Road	Dollittle Drive	Oakland	0.32	North	3	3	56	11.0	D/E	45	13.0	C/E	206	12.9	D/E
T316	Altamont Pass Road-Grant Line - WB	County Line (WB)	Greenville Road	Alameda County	9.71	East	1	2	2,790	32.8	A/B	627	45.4	A/A	885	33.1	B/B
T317	Altamont Pass Road-Grant Line	Greenville Road	Laughlin Rd	Alameda County	0.49	East	1	2	na	na	na	720	32.8	B/B	888	31.0	B/B
T318	AltamontPass-Grant Line	Laughlin Rd	Vasco Road	Livermore	0.90	East	1	2	na	na	na	720	34.6	B/B	888	33.5	B/B
T319	Alvarado-Niles/Smith/NilesBlvd - WB	Mission Boulevard	Union City Boulevard	Union City	6.89	South	3	3	1,190	23.3	B/C	613	26.1	A/B	561	24.0	B/C
T320	Auto Mall Parkway - WB	I-880	Cherry Street	Fremont	0.75	South	3	3	3,626	19.2	B/C	720	24.0	B/B	960	24.3	B/B
T321	B Street	Mission Boulevard	Foothill Boulevard	Hayward	0.20	South	2	3	na	na	na	na	na	na	960	11.7	E/E
T322	Bernal Avenue - WB	Sunol Blvd/First St	I-680	Pleasanton	1.37	East	1	1	2,246	23.9	C/D	720	29.1	B/C	888	30.1	B/C

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T323	Broadway - SB	SR-24	College Ave	Oakland	0.94	North	3	3	2,299	22.5	B/C	720	26.5	A/B	888	24.5	B/B
T324	Broadway	Tilden Way	Encinal Avenue	Alameda	0.55	Central	2	3	na	na	na	na	na	na	866	16.9	D/D
T325	Buchanan Street-Marin Avenue - WB	Arlington/Del Nort	I-80	Albany	2.12	North	3	3	834	18.6	C/C	608	21.3	B/C	872	20.0	B/C
T326	C Street	Mission Boulevard	Foothill Boulevard	Hayward	0.19	South	2	3	na	na	na	531	14.2	D/D	932	15.0	D/D
T327	Carlos Bee Blvd-Hayward Blvd	Mission Boulevard	Campus Drive	Hayward	0.93	South	1	2	na	na	na	688	30.4	B/B	884	31.0	B/B
T328	Castro Valley Boulevard-Mattox - WB	Crow Canyon Road	Mission Boulevard	Alameda County	2.70	Central	3	3	887	18.9	C/C	672	23.1	B/C	878	21.2	B/C
T329	Central Avenue - SB	I-880	Cherry Street	Newark	0.85	South	3	3	945	20.5	B/C	619	25.3	A/B	921	29.6	A/B
T330	Cherry-Boyce-Cushing	Thornton Avenue	I-880	Newark	5.67	South	1	2	na	na	na	718	32.4	B/B	948	34.3	B/B
T331	Claremont Avenue	Ashby Avenue	Telegraph Avenue	Oakland	1.68	North	2	3	na	na	na	563	22.1	C/C	879	23.0	C/C
T332	Clawiter Road - NB	Winton Avenue	SR-92	Hayward	1.75	Central	3	3	1,767	19.3	B/C	700	20.5	B/C	960	21.3	B/C
T333	Constitution Way-8th Street	Webster Street	Central Avenue	Alameda	0.95	Central	2	3	na	na	na	652	23.1	C/C	870	18.3	C/C
T334	Dublin Boulevard	Tassajara Road	Fallon Road	Dublin	1.24	East	1	2	na	na	na	na	na	na	875	28.9	B/B
T335	Durant Avenue	College Avenue	Shattuck Avenue	Berkeley	0.73	North	2	3	na	na	na	na	na	na	856	17.7	D/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T336	Dyer Street - NB	Alvarado Boulevard	Whipple Road	Union City	1.15	South	3	3	1,433	20.3	B/C	719	25.0	A/B	866	24.7	B/B
T337	E 12th Street	Lake Merritt Blvd	High Street	Oakland	3.00	North	2	3	na	na	na	369	24.0	C/C	810	31.2	A/A
T338	E 18th Street - WB	Park Boulevard	Lakeshore Avenue	Oakland	0.22	North	3	3	723	13.1	C/E	429	15.6	C/D	587	13.5	C/E
T339	East Avenue - WB	Vasco Road	Livermore Avenue	Livermore	2.53	East	2	2	1,926	25.6	B/C	707	28.8	B/B	885	27.1	B/C
T340	El Charro Road - SB	I-580	Stoneridge Drive	Pleasanton	0.26	East	2	2	2,339	26.9	B/C	603	31.8	A/B	855	30.5	A/B
T341	Estudillo Avenue - WB	MacArthur Boulevard	E 14th St	San Leandro	0.98	Central	3	3	1,969	19.1	B/C	488	22.8	B/C	725	20.5	B/C
T342	Fallon Road	Tassajara Road	I-580	Dublin	2.85	East	1	2	na	na	na	712	36.5	A/A	869	32.0	B/B
T343	Fernside Boulevard	High Street	Otis-Dollittle Drive	Alameda	1.15	Central	2	3	na	na	na	672	22.4	C/C	870	21.4	C/C
T344	First Street - WB	Stoneridge Drive	I-580	Livermore	0.88	East	2	2	282	16.6	D/E	274	17.5	D/D	417	16.2	D/E
T345	Foothill Road - SB	I-580	Stoneridge Drive	Pleasanton	0.74	East	2	2	3,359	27.0	B/C	720	31.8	A/B	888	31.0	A/B
T346	Fremont Boulevard	County Line	I-880	Fremont	3.01	South	1	2	na	na	na	683	36.8	A/A	944	40.8	A/A
T347	Fruitvale Avenue - SB	MacArthur Boulevard	Tilden Way	Oakland	2.37	North	3	3	259	13.3	C/E	435	17.1	C/D	832	15.0	C/D
T348	Gilman Street - WB	San Pablo Boulevard	I-80	Berkeley	0.63	North	3	3	1,516	19.3	B/C	662	18.7	C/C	882	18.8	C/C
T349	Gimmer Boulevard - NB	Mission Boulevard	Paseo Padre Parkway	Fremont	5.08	South	3	3	151	23.3	B/C	366	26.0	A/B	640	25.6	A/B

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T350	Harrison St-Oakland Ave - SB	MacArthur Blvd	20th Street	Oakland	0.99	North	3	3	1,646	14.5	C/D	687	17.9	C/D	882	17.9	C/D
T351	High Street - WB	MacArthur Blvd	I-580	Oakland	0.05	North	3	3	1,718	14.0	C/E	716	21.8	B/C	881	14.6	C/D
T352	Industrial Blvd-Pkwy West - WB	Mission Boulevard	Clawiter Road	Hayward	5.16	Central	3	3	2,942	25.5	A/B	692	27.6	A/B	950	27.2	A/B
T353	Industrial Pkwy Southwest	Whipple Road	Industrial Pkwy West	Hayward	0.89	South	1	2	na	na	na	629	30.6	B/B	960	34.3	B/B
T354	Isabel Avenue	Airway Boulevard	Portola Avenue	Livermore	0.85	East	1	2	na	na	na	683	35.1	A/A	883	37.3	A/A
T355	Lewelling Boulevard - WB	Mission Boulevard	Hespedian Boulevard	Alameda County	1.42	Central	3	3	636	18.4	C/C	690	23.0	B/C	954	20.0	B/C
T356	Lewelling Boulevard - EB	Wicks Boulevard	Hespedian Boulevard	San Leandro	1.53	Central	3	3	591	18.6	C/C	720	24.9	B/B	957	25.1	A/B
T357	Livermore Avenue - SB	I-580	Tesla Road	Livermore	3.29	East	2	2	253	22.7	C/C	382	26.5	B/C	607	25.7	B/C
T358	MacArthur-SantaClara - EB	San Pablo Avenue	Piedmont Ave	Oakland	1.56	North	3	3	217	15.2	C/D	514	22.4	B/C	193	21.8	B/C
T359	Main St-Santa Rita Rd - SB	Stoneridge Drive	Bernal Avenue	Pleasanton	3.10	East	2	2	3,312	17.5	D/D	na	na	na	888	21.1	C/D
T360	Marina Boulevard - EB	Dollittle Drive	Washington Avenue	San Leandro	1.80	Central	3	3	417	17.5	C/D	244	19.7	B/C	644	21.5	B/C
T361	Market Street - SB	Stanford Avenue	55th Street	Oakland	0.36	North	3	3	1,725	17.9	C/D	546	20.7	B/C	834	19.0	B/C
T362	Martin Luther King Jr Way - SB	Marin Avenue	Adeline Street	Berkeley	2.67	North	3	3	1,775	17.2	C/D	588	19.4	B/C	776	17.4	C/D

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APPENDIX C | 2022 AUTO LOS RESULTS TABLE

Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T363	Martin Luther King Jr Way - SB	47th Street	San Pablo Avenue	Oakland	1.78	North	3	3	80	21.7	B/C	100	22.2	B/C	267	22.1	B/C
T364	Mission Boulevard - NB	I-680	I-680	Fremont	3.01	South	3	3	1,410	26.7	A/B	691	32.6	A/A	840	33.3	A/A
T365	Mowry Avenue	Cherry Street	I-880	Newark	0.78	South	1	2	na	na	na	714	19.0	D/D	888	24.9	C/C
T366	Neal Street	1st Street	Main St	Pleasanton	0.13	East	1	2	na	na	na	na	na	na	852	14.1	E/E
T367	North Canyons Parkway-Portola	1st Street	Airway Boulevard	Livermore	4.20	East	1	2	na	na	na	641	32.2	B/B	867	33.3	B/B
T368	Osgood Road-WarmSpringsBlvd	Fremont/Washington	County Line	Fremont	5.48	South	1	2	na	na	na	na	na	na	882	29.4	B/B
T369	Otis Drive	Broadway	Park Street	Alameda	0.24	North	2	3	na	na	na	720	20.2	C/C	882	17.1	D/D
T370	Owens Drive - WB	W Las Positas Blvd	Willow Road	Pleasanton	1.10	East	2	2	1,570	23.1	C/C	na	na	na	884	30.9	A/B
T371	Park Boulevard - WB	SR-13	E 18th Street	Oakland	3.12	North	3	3	674	19.9	B/C	287	27.4	A/B	480	24.3	B/B
T372	Park Street - SB	Encinal Avenue	Otis Drive	Alameda	0.42	North	3	3	1,291	16.4	C/D	720	16.2	C/D	888	18.1	C/C
T373	Paseo Padre Parkway - EB	Peralta Boulevard	Grimmer Boulevard	Fremont	2.30	South	3	3	2,334	24.1	B/B	699	27.0	A/B	856	26.1	A/B
T374	Paseo Padre Parkway - WB	SR-84	Ardenwood Boulevard	Fremont	1.50	South	3	3	3,335	40.5	A/A	637	43.6	A/A	888	42.3	A/A
T375	Patterson Pass Road - WB	County Line	Vasco Road	Livermore	10.11	East	1	2	2,435	34.2	B/B	na	na	na	867	39.1	A/A

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T376	Redwood Road - SB	Castro Valley Boul	I-580	Alameda County	0.38	Central	3	3	2,139	15.1	C/D	720	19.5	B/C	888	19.2	B/C
T377	San Leandro Blvd - NB	E 14th Street	San Leandro/Oakland	San Leandro	2.18	Central - North	3	3	477	19.1	B/C	481	29.5	A/B	855	29.3	A/B
T378	San Leandro Street - WB	Oakland//SL border	Fruitvale Avenue	Oakland	4.33	North	3	3	1,090	16.5	C/D	580	29.7	A/B	516	22.7	B/C
T379	San Pablo Avenue - SB	I-580	16th Street	Oakland	1.70	North	3	3	305	20.9	B/C	127	20.0	B/C	627	19.5	B/C
T380	Santa Clara Avenue	Broadway	Webster Street	Alameda	2.28	North	2	3	na	na	na	na	na	na	700	19.1	C/C
T381	Seminary Avenue - WB	I-580	MacArthur Boulevard	Oakland	0.67	North	3	3	1,772	25.6	A/B	363	26.6	A/B	833	26.9	A/B
T382	Shattuck Avenue	University Avenue	Marin Avenue	Berkeley	1.18	North	2	3	na	na	na	281	19.1	C/C	719	20.9	C/C
T383	Solano Avenue	San Pablo Boulevard	Sutter Street	Albany	1.47	North	2	3	na	na	na	124	18.6	C/C	354	17.4	D/D
T384	Stevenson Boulevard - SB	Mission Boulevard	Cherry Street	Fremont	4.02	South	3	3	2,303	22.8	B/C	720	25.2	A/B	888	25.7	A/B
T385	Stoneridge Dr-Jack London Blvd	Isabel Avenue	Santa Rita Rd	Livermore	2.50	East	1	2	na	na	na	703	40.9	A/A	877	39.1	A/A
T386	Telegraph Avenue - SB	51st Street	Broadway	Oakland	2.25	North	3	3	252	14.0	C/E	362	17.4	C/D	684	16.7	C/D
T387	Tennyson Road - EB	Industrial Boulevard	Hespedian Boulevard	Hayward	0.60	Central	3	3	1,479	19.6	B/C	715	22.9	B/C	888	23.9	B/C

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T388	Tesla Road - WB	County Line	Livermore Avenue	Alameda County	11.93	East	1	2	2,226	37.1	B/A	na	na	na	824	38.2	A/A
T389	Thornton Avenue - WB	I-880	SR-84	Newark	3.73	South	3	3	2,258	26.3	A/B	717	29.6	A/B	888	30.0	A/B
T390	Tilden Way	Fruitvale Avenue	Park Street	Alameda	0.43	Central	2	3	na	na	na	506	16.0	D/D	826	16.9	D/D
T391	UC Blvd- Ardenwood- Newark Blvd - WB	Central Avenue	SR 84	Newark	2.15	South	3	3	1,013	23.3	B/C	664	24.9	B/B	883	25.0	B/B
T392	Vallecitos Road - SB	1st St	SR-84	Livermore	3.32	East	2	2	1,793	17.4	D/D	634	32.5	A/B	60	31.8	A/B
T393	Vasco Road - NB	Tesla Road	I-580	Livermore	3.11	East	2	2	1,903	30.2	A/B	720	30.1	A/B	888	33.6	A/B
T394	Village Parkway - SB	County Line	Dublin Boulevard	Dublin	1.50	East	2	2	820	23.3	C/C	597	24.9	B/C	853	24.3	B/C
T395	W Las Positas Blvd - WB	Santa Rita Road	Owens Drive	Pleasanton	0.22	East	2	2	1,074	19.5	C/D	677	22.0	C/D	888	22.7	C/C
T396	Walnut Avenue	Fremont Boulevard	Mission Boulevard	Fremont	1.83	South	1	2	na	na	na	na	na	na	865	25.5	C/C
T397	Warren Avenue	Warm Springs Blvd	Fremont Blvd	Fremont	1.04	South	1	2	na	na	na	720	24.4	C/C	888	23.8	C/C
T398	Washington Avenue - SB	Juana Avenue	Lewelling Blvd	San Leandro	2.72	Central	3	3	319	19.5	B/C	602	21.5	B/C	868	21.0	B/C
T399	Washington Boulevard - EB	Fremont Boulevard	Mission Boulevard	Fremont	2.20	South	3	3	885	23.6	B/C	717	29.0	A/B	888	27.1	A/B

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T400	Whipple Road	Union City Boulevard	Mission Boulevard	Union City	3.43	South	1	2	na	na	na	669	24.4	C/C	882	22.6	C/C
T401	Wicks Blvd-Merced Street - NB	Lewelling Blvd	Marina Boulevard	San Leandro	2.19	Central	3	3	109	22.5	B/C	na	na	na	877	25.1	A/B
T402	Winton Avenue - EB	Clawiter Road	Hespedian Boulevard	Hayward	0.54	Central	3	3	3,706	22.6	B/C	720	20.8	B/C	888	21.4	B/C
T403	Stoneridge Dr-Jack London Blvd - WB	Santa Rita Road	Hopyard Rd	Pleasanton	1.56	East	2	2	2,891	29.4	B/B	616	29.5	B/B	874	27.4	B/C
T404	Stoneridge Dr-Jack London Blvd	Santa Rita Rd	Isabel Avenue	Livermore	4.34	East	1	2	na	na	na	506	33.9	B/B	757	36.6	A/A
T405	Stoneridge Dr-Jack London Blvd - EB	Hopyard Rd	Santa Rita Road	Pleasanton	1.56	East	2	2	1,414	25.5	B/C	716	31.6	A/B	878	30.2	A/B
T406	Stoneridge Dr-Jack London Blvd - EB	Foothill Boulevard	Hopyard Rd	Pleasanton	1.52	East	1	1	1,970	27.4	C/C	269	30.8	B/C	888	30.5	B/C
T407	UC Blvd-Ardenwood-Newark Blvd - EB	SR 84	Central Ave	Newark	2.15	South	3	3	2,259	25.1	A/B	693	27.2	A/B	888	26.9	A/B
T408	UC Blvd-Ardenwood-Newark Blvd	SR 84	Alvarado Blvd	Union City	3.57	South	1	2	na	na	na	639	34.9	B/B	852	34.6	B/B
T409	SantaClara - NB	I-580	Okland Avenue	Oakland	0.82	North	3	3	790	18.6	C/C	52	18.8	C/C	257	20.2	B/C
T410	MacArthur-SantaClara - WB	Seminary Ave	Grand Ave	Oakland	4.79	North	3	3	53	13.9	C/E	10	21.2	B/C	390	18.8	C/C

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Arterials (Tier 2) - AM Peak Period (INRIX Data)									2018 Results			2020 Results			2022 Results		
CMP ID	CMP Route	From	To	Jurisdiction	Length (mi)	Plan Area	Class (1985)	Class (2000)	Sample	Speed	LOS	Sample	Speed	LOS	Sample	Speed	LOS
T411	MacArthur-SantaClara	Grand Ave	Piedmont Ave	Oakland	0.74	North	2	3	na	na	na	86	17.7	D/D	291	17.5	D/D
T412	MacArthur-SantaClara - WB	Piedmont Ave	San Pablo Avenue	Oakland	1.56	North	3	3	578	16.4	C/D	53	19.5	B/C	66	20.7	B/C
T413	MacArthur-SantaClara	Piedmont Avenue	Grand Ave	Oakland	1.08	North	2	3	na	na	na	141	26.7	B/B	561	26.1	B/B
T414	MacArthur-SantaClara - EB	Grand Ave	Seminary Ave	Oakland	4.77	North	3	3	61	15.7	C/D	6	21.8	B/C	44	19.2	B/C
T415	MacArthur-SantaClara - SB	Seminary Ave	Estudillo Ave	Oakland	0.32	Norh-Central	3	3	51	22.4	B/C	103	21.6	B/C	659	21.2	B/C
T416	El Charro Road - SB	Stoneridge Drive	Bauch Rd	Pleasanton	0.09	East	2	2	2,579	24.3	B/C	660	22.0	C/D	888	21.2	C/D
T417	El Charro Road - NB	Bauch Rd	Stoneridge Drive	Pleasanton	0.09	East	2	2	2,411	21.0	C/D	642	25.3	B/C	864	24.4	B/C

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