



APPENDIX D | PEAK DURATION ANALYSIS

Route Description			AM Peak Period 2022 vs. 2018					PM Peak Period 2022 vs. 2018				
Freeway	Bounds	Direction	Start Time (A)	End Time (B)	Duration (C = B-A)	Time to Slowest Speed	Recovery Time	Start Time (A)	End Time (B)	Duration (C = B-A)	Time to Slowest Speed	Recovery Time
			Minutes					Minutes				
I-80	I-580/Bay Bridge (MacArthur Maze) to Contra Costa County Line	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	0	-30	-30	-15	-15
		WB	+45	0	-45	+15	-60	0	-15	-15	-150	+135
I-80	Bay Bridge	EB	-45	0	+45	+45	0	0	-15	-15	-30	+15
		WB	+15	0	-15	-15	0	+15	-15	-30	-15	-15
I-238	I-880 to I-580	EB	-60	-30	+30	0	+30	0	-30	-30	0	-30
		WB	+60	0	-60	-30	-30	+60	-15	-75	-30	-45
I-580	Contra Costa County Line to I-80/I-880 (MacArthur Maze)	EB	0	-15	-15	-30	+15	-105	-120	-15	0	-15
		WB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No PM Peak	No PM Peak	-30	No PM Peak	No PM Peak
I-580	I-80/I-880 (MacArthur Maze) to I-238	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	+15	-45	-60	-30	-30
		WB	+15	-45	-60	-15	-45	No PM Peak	No PM Peak	-45	No PM Peak	No PM Peak
I-580	I-238 to San Joaquin County Line	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	-15	-15	0	0	0
		WB	+15	+30	+15	-15	+30	No PM Peak	No PM Peak	No PM Peak	No PM Peak	No PM Peak
I-680	Santa Clara County Line to Contra Costa County Line	NB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	+15	-105	-120	-90	-30
		SB	+90	-15	-105	-165	+60	No PM Peak	No PM Peak	No PM Peak	No PM Peak	No PM Peak



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Freeway	Bounds	Direction	Start Time (A)	End Time (B)	Duration (C = B-A)	Time to Slowest Speed	Recovery Time	Start Time (A)	End Time (B)	Duration (C = B-A)	Time to Slowest Speed	Recovery Time
			Minutes					Minutes				
I-880	I-980 to I-80/I-580 (MacArthur Maze)	NB	No AM Peak	No AM Peak	-30	No AM Peak	No AM Peak	-15	-30	-15	0	-15
		SB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	+60	-45	-105	-105	0
I-880	Santa Clara County Line to I-980	NB	+15	-30	-45	-30	-15	0	-30	-30	-15	-15
		SB	+45	0	-45	-90	+45	-30	-15	+15	+30	-15
I-980	I-880 to I-580/SR-24	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No PM Peak	No PM Peak	-30	No PM Peak	No PM Peak
		WB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	+60	-60	-120	-75	-45
SR-13	I-580 to SR-24	NB	+30	-90	-120	-30	-90	+30	0	-30	-30	0
		SB	No AM Peak	No AM Peak	+15	No AM Peak	No AM Peak	-15	-30	-15	-15	0
SR-24	Contra Costa County Line to I-580 / I-980	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	0	-30	-30	+15	-45
		WB	+15	-15	-30	-15	-15	No PM Peak	No PM Peak	No PM Peak	No PM Peak	No PM Peak
SR-84	Dumbarton Bridge	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	+15	-60	-75	-15	-60
		WB	No AM Peak	No AM Peak	-255	No AM Peak	No AM Peak	No PM Peak	No PM Peak	No PM Peak	No PM Peak	No PM Peak
SR-92	San Mateo Bridge	EB	No AM Peak	No AM Peak	No AM Peak	No AM Peak	No AM Peak	+30	-75	-105	+15	-120
		WB	+75	-90	-165	-45	-120	No PM Peak	No PM Peak	No PM Peak	No PM Peak	No PM Peak



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Route Description		Time Below 85% Free-Flow Speed 2022 vs. 2018						Δ in Duration (minutes)
Arterial	Direction	2022			2018			
		Start Time	End Time	Time of Slowest	Start Time	End Time	Time of Slowest	
Ashby	EB	7:30 AM	8:15 PM	4:00 PM	7:45 AM	9:00 PM	3:15 PM	-30
	WB	7:45 AM	8:15 PM	5:15 PM	7:15 AM	9:30 PM	5:30 PM	-105
14th / International	NB/WB	7:30 AM	8:15 PM	3:00 PM	7:45 AM	7:00 PM	8:15 AM	90
	SB/EB	7:45 AM	8:00 PM	5:15 PM	7:45 AM	8:30 PM	5:45 PM	-30
Mission Blvd	NB/WB	7:45 AM	8:30 PM	4:15 PM	4:00 AM	7:30 PM	5:00 PM	-165
	SB/EB	7:00 AM	9:45 PM	8:00 AM	7:15 AM	7:00 PM	8:00 AM	180
San Pablo	NB	7:45 AM	7:30 PM	5:15 PM	7:30 AM	8:15 PM	5:45 PM	-60
	SB	7:30 AM	8:45 PM	3:30 PM	7:15 AM	9:30 PM	5:00 PM	-60