

APPENDIX F: Travel Routes for the Alameda County O-D Pairs— P.M. Peak Period

Appendix F-1: Travel Routes for the Alameda County O-D Pairs—p.m. Peak Period

#	Peak Period	Origin	Destination	Transit Route	Highway Travel		
1	p.m.	Hayward	Newark	1996-2002: Walk to Hesperian, AC 97 to AC 29, at Union City BART Stn., to Newark/Lafayette, walk to door.	1996-2002: Walk to parking; Hesperian to Union City Blvd., to Newark Blvd., to Lafayette St.; park and walk to door.		
				Kaiser Med. Ctr, 27400 Hesperian	1996-2002: Residence near Lafayette St at Newark Blvd.	2004-06: Walk to Hesperian, AC 97 to AC 232, at Union City BART Stn., to Cedar/Thornton, walk to door.	2004-2012: Walk to parking; Hesperian to Tennyson to I-880; exit Thornton to Ruschin; park and walk to door.
					2004-2012: Residence near Thornton Ave. and Ruschin Drive.	2008-2012: Walk to Hesperian, AC 97 to AC Transbay SB Line/SB Newark at Union City Blvd./Whipple Rd to Newark Blvd/Mayhews Landing Rd, walk to door	
2	p.m.	Emeryville	Berkeley	1996-2006: Walk to 53rd and San Pablo, AC 72 or 73 to AC 43 at Solano Way, exit at Marin Circle, walk to door.	1996 – 2010: Walk to parking; 53rd St. to San Pablo Avenue, to Hopkins Street, to Marin Circle; park and walk to door.		
				Chiron Office Bldg., 4560 Horton St., near 53rd & Hollis Sts.	Residence near Marin Circle at Los Angeles Ave.	2008: Walk to Shellmound St.and Ohlone Wy, AC 57 to AC 18 at 40 th St/MacArthur BART to Sutter St./Hopkins St. walk to door.	2012: Unqualified data (for details, see Transit Route column)
						2010: Walk to 53rd and San Pablo, AC 72 or 73 to AC H at Gilman St., exit at Marin Circle, walk to door. 2012: Unqualified data as data collection was conducted outside the hours specified for data collection, between 3 p.m. to 5 p.m. instead of 4:00 p.m. ot 6:00 p.m.	

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3	p.m.	Hayward	Livermore	1996-2002: Walk to AC 92, to Hayward BART, BART to Dub/Pleas Station, Wheels 12 to Portola & N. Murietta, walk to Portola and North Livermore Ave; walk to door.	1996-2002: Walk to parking; Carlos Bee, to Mission Blvd, to "A"/Redwood, to I-580, to Portola exit, to N Livermore Ave.; park & walk to door.		
				Cal State University at Carlos Bee Ave.	1996 – 2002: Residence near Portola and North Livermore Avenue.	2010: Unqualified route as transit travel was taken in a roundabout route and not using direct commuter route.	2004-2012: Walk to parking; Carlos Bee, to Mission Blvd, to Grove Way, to I-580 EB, to Portola exit, to Hurton to Delaware Way; park and walk to door.
					2004-2008, 2012: Walk to AC 92 (AC 60 in 2012), to Hayward BART, BART to Dub/Pleas Station, Wheels 12 or 12X (12X modified to 12 V in 2008) to N. Murietta and Portola (Del Norte in 2008 & 2012) ; walk to door.		
			2004-2008: Residence near Delaware Way and North Murrieta.				
4	p.m.	Oakland	San Leandro	1996 -2008: Walk to BART 12th St. Station; BART to San Leandro Station, to AC 84 to Farnsworth/Manor Blvd. walk to door.	1996- 2012: Walk to parking; local streets to I-880, to Marina Blvd, to Chapel Avenue; park and walk to door.		
				Downtown Oakland 1333 Broadway building	Residence near Farnsworth St. and Chapel Ave.	2010-2012: Walk to BART 12th St. Station; BART to Bayfair BART Station, to AC 89 to Farnsworth/Manor Blvd. walk to door.	

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5	p.m.	Fremont	Pleasanton	1996 – 2002: Walk to AC 22 to Fremont BART, BART to Dubl/Pleas Station, Wheels 10 to Greenwood Road and Valley Avenue, walk to door.	1996–2002: From parking to Fremont Blvd to Durham Road to I-680 to Sunol Blvd to Greenwood Rd.; park and walk to door.
		NUMMI Plant 45500 Fremont Blvd.	1996 – 2002: Residence near Valley Ave. and Greenwood Rd.	2004-2008: Walk to AC 212 or 218 to Fremont BART, BART to Dublin/Pleasanton Station, Wheels 7 or 8 to Valley Avenue, walk to door.	2004-2010: From parking to Fremont Blvd to Durham Road to I-680 to Bernal Ave. exit; to Valley Ave. to Hansen; park and walk to door.
			2004-2012: Residence near Hansen/Valley Ave.	2010: Walk to AC 212 or 218 to Fremont BART, BART to Dublin/Pleasanton Station, walk to, WHEELS 8B to Hansen and Valley. 2012: Unqualified data. Only two out of total four auto runs were conducted. Additionally, all available data were collected during the first hour of the two-hour peak period, so they are not representative.	2012: Unqualified data (for details, see Transit Route column)
6	a.m.	Fremont	San Jose	1998-2002: Walk to AC 27, transfer to SCVTA 140 at Fremont BART, walk to door.	1998-2012: From residential driveway to Thornton, to I-880, to SR 237, to Zanker; park and walk to door.
		Residence near Thorton Ave. at Fremont Blvd.	Fujitsu, 3801 Zanker Road at Tasman	2004-2006: Walk to AC 218; transfer to SCVTA 180 at Fremont BART; transfer to SCVTA 33; exit at Zanker; walk to door.	
				2008: Walk to ACE Fremont Station, ACE WB line #03 to Great America Station, walk to Tasman/Lickmill to VTA #330;exit at Zanker	
				2010- 2012: Walk to AC 216 (AC 251 in 2012) to Fremont BART station, VTA 140 to Tasman, walk to Zanker Road.	
7	a.m.	Fremont	San Jose		1998-2012: HOV: From residential driveway to Thornton, to I-880 HOV lanes, to SR 237, to Zanker; park and walk to door.
		Residence near Thorton Ave. at Fremont Blvd.	Fujitsu, 3801 Zanker Road at Tasman		

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#	Peak Period	Origin	Destination	Transit Route	Highway Travel		
8	p.m.	Oakland	Pleasanton	1998-2002: Walk to BART 12 th St., BART to Dublin/Pleasanton Station., Wheels 8, walk to door.	1998-2008: Walk to parking; local streets to I-880 to I-238 to I-580, to Hopyard to Valley; park and walk to door.		
				Federal Building., Jefferson at 14 th	1998-2002: Residence near Hopyard Rd. and Valley Ave.	2004-2006: Walk to BART 12 th St., BART to Dublin/Pleasanton Station., Wheels 7 or 8 (in 2008 Wheels 8 or 54 to Fairgrounds ACE to Wheels 53) to Valley near Hansen, walk to door.	2010-2012: local streets to I-980 E to CA-24 exit I-580 E to Hayward, Hopyard exit right onto Hopyard, right onyto Valley Ave. right onto Hansen Drive.
					2004-06: Residence near Valley Ave. at Hansen Dr.	2010: Walk to BART 12 th St., BART to Richmond/Fremont, transfer at Bayfair for BART to Dublin/Pleasanton Station., Wheels 8A or 54 to Valley near Hansen, walk to door. 2012: No new data has been collected.	2012: No new data has been collected.
9	P.M	Fremont	Alameda	1998 –2002: Walk to Fremont BART, BART to Coliseum, AC 49 to Alameda, walk to door.	1998-2002: Walk to parking; Mowry to I-880 to Hegenberger, to Doolittle, to Island; park and walk to door.		
				Washington Hospital at Mowry Avenue.	Bay Farm Island, Residence near Searidge at Robert Davey.	2004-2008: Walk to Fremont BART; BART to Fruitvale; AC 50 to Alameda; exit at Robert Davey Jr. Dr.; walk to door.	2004-2012: Walk to parking; Mowry to I-880 to 98 th Ave., to Doolittle, to Island Dr. and walk to door.
						2012: Walk to Fremont BART; BART to Fruitvale; AC 0 to Alameda take AC OX; exit at Robert Davey Jr. Dr.; walk to door.	

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#	Peak Period	Origin	Destination	Transit Route	Highway Travel
10	p.m.	Alameda	Oakland	1998-2002: AC 10 to BART 12 th St., BART to Rockridge, walk to door.	1998-2008: Walk to parking; Atlantic to Webster, to I-880, to I-980, to SR 24, Claremont exit to Clifton, to Lawton, to College, park and walk to door.
		Naval Air Station, Atlantic at Main.	Business near College Ave. at Lawton.	2004-2008: AC 63 to BART 12 th Street; BART to Rockridge; walk to door.	2010: Main St. to Appezzato Pkwy, onto CA-260 N/CA-61 N/Webster St, Posey Tube, onto Broadway to Telegraph, left onto College Ave.
				2010: AC 31 to Atlantic to AC 51 College Ave. walk to door. 2012: Unqualified data as data collected were not representative since all of the data were collected within the first hour of the two-hour peak period.	2012: Unqualified data (for details, see Transit Route column).