

Category	Factor or Variable	2005	2020					2035						
			RTP	Scenario A	Scenario B	Scenario C	Scenario #4	Scenario #5	RTP	Scenario A	Scenario B	Scenario C 2/	Scenario #4	Scenario #5
	Scenario Title													
3a. MODEL OUTPUT DATA - Trip Data	Number of Home-based Work Trips/household/ <i>weekday</i> (HBW)	1.70	1.80							1.80	1.70	1.70	1.70	
	Number of Home-based School Trips/household/ <i>weekday</i> (HBSc)	0.40	0.40							0.40	0.40	0.40	0.40	
	Number of Home-based Shopping Trips/household/ <i>weekday</i> (HBS)	0.70	0.70							0.70	0.70	0.70	0.60	
	Number of Home-based Other Trips/household/ <i>weekday</i> (HBO)	2.80	3.00							3.00	3.00	2.90	2.70	
	Number of Work-based Other Trips/household/ <i>weekday</i> (NHBW)	1.10	1.10							1.10	1.10	1.00	0.90	
	Number of Other-based Other Trips/household/ <i>weekday</i> (NHBO)	1.50	1.70							1.70	1.60	1.60	1.50	
	Average Trip Length - Home-based Work Trip (miles) (HBW)	6.7	6.6							6.8	6.8	6.8	NA	
	Average Trip Length - Home-based School Trip (miles) (HBSc)	6.0	6.5							6.3	6.3	6.3	NA	
	Average Trip Length - Home-based Shopping Trip (miles) (HBS)	6.7	6.0							6.1	6.1	6.1	NA	
	Average Trip Length - Home-based Other Trip (miles) (HBO)	6.1	5.0							5.3	5.3	5.3	NA	
	Average Trip Length - Work-based Other Trip (miles) (NHBW)	6.1	7.0							5.9	5.9	5.9	NA	
Average Trip Length - Other-based Other Trip (miles) (NHBO)	4.3	4.1							4.3	4.3	4.3	NA		
3b. MODEL OUTPUT DATA - Passenger Travel Mode Shares - All Trips (%VMT)	SOV	69.8%	68.9%							68.9%	68.8%	68.9%	68.9%	
	HOV	30.2%	31.1%							31.1%	31.2%	31.1%	31.1%	
	Public Transit	NA	NA							NA	NA	NA	NA	
	Bike+Walk (Non-Motorized)	NA	NA							NA	NA	NA	NA	
3c. MODEL OUTPUT DATA - CO2 and VMT	Total CO2 Emissions by Passenger Vehicles per Weekday - EMFAC2007 LDA, LDT1, LDT2, and MDV (tons) (Excluded X-X Trips)	4,643.3	5,358.5							5,515.8	5,493.4	5,490.4	5,435.9	
	Total Internal CO2 Emissions by Passenger Vehicles per Weekday (tons)	3004.3	3,436.8							3,490.8	3,475.3	3,466.5	3,417.7	
	Total IX / XI CO2 Emissions per Weekday - Passenger Vehicles (tons)	1,639.0	1,921.7							2,024.9	2,018.2	2,023.9	2,018.2	
	Total External (XX) CO2 Emissions per Weekday - Passenger Vehicles (tons)	65.0	80.0							98.0	98.0	98.0	98.0	
	Total VMT by Passenger Vehicles per Weekday - EMFAC 2007 LDA, LDT1, LDT2 and MDV (Miles, in Thousands) (Excluded X-X Trips)	10,798.5	12,608.3							12,978.3	12,925.7	12,918.5	12,790.3	
	Total Internal VMT by Passenger Vehicles per Weekday (Miles, in Thousands)	6,986.8	8,086.6							8,213.7	8,177.1	8,156.5	8,041.7	
	Total IX/XI VMT per Weekday - Passenger Vehicles (Miles, in Thousands)	3,811.7	4,521.7							4,764.6	4,748.6	4,762.0	4,748.6	
	Total External (XX) VMT per Weekday - Passenger Vehicles (Miles, in Thousands)	152.0	187.2							230.6	230.6	230.6	230.6	
3d. MODEL OUTPUT DATA - Congested Travel Measures	Congested Weekday VMT on Freeways (Miles, in Thousands)--Note: "Congested" on Roadways w/ V/C ratios >1.0 2/	304.0	1,157.0							437.1	434.50	437.10	437.10	
	Congested VMT on All Other Roadways (Miles, in Thousands)--Note: "Congested" on Roadways w/ V/C ratios >1.0 2/	81.4	125.9							100.5	82.1	111.0	100.5	

Category	Factor or Variable	2005	2020					2035							
			RTP	Scenario A	Scenario B	Scenario C	Scenario #4	Scenario #5	RTP	Scenario A	Scenario B	Scenario C 2/	Scenario #4	Scenario #5	
Scenario Title															
4. TRANSPORTATION SYSTEM DESCRIPTION	Freeway General Purpose Lanes --Mixed Flow, Auxiliary, etc. (Lane Miles)	415.0	434.5							431.0	431.0	431.0	431.0		
	Freeway Managed Lanes--HOV, HOT, Tolloed, etc. (Lane Miles)	0.0	4.4							25.0	25.0	25.0	25.0		
5. TRANSPORTATION SYSTEM INVESTMENT (Million \$) 3/	Highway	50.0	91.0							144.0	NA	NA	NA		
	Other Road (Streets & Roads)	20.0	53.0							72.0	NA	NA	NA		
	Transit Capital	40.0	61.0							82.7	NA	NA	NA		
	Transit Operations (Included. See 3/)														
	Bike and Ped. Proj	0.8	4.0							6.7	NA	NA	NA		
	Road M & O (Included, See 3/)														
	Other (Rail, ITS, TDM)	1.2	5.0							12.0	NA	NA	NA		
	Total	112.0	214.0							317.4	NA	NA	NA		
6. TRANSPORTATION USER COSTS, PRICING, AND OTHER PARAMETERS	Vehicle Operating Costs (\$ per Mile)	NA	NA							NA	NA	NA	NA		
	Gasoline Price (\$ per Gallon)	NA	NA							NA	NA	NA	NA		
	Parking Price (\$ per hour)	NA	NA							NA	NA	NA	NA		
	Toll Price (\$ per Mile)	NA	NA							NA	NA	NA	NA		
	Congestion Price (\$ per Mile)	NA	NA							NA	NA	NA	NA		
	Cordon Price (\$ per Mile)	NA	NA							NA	NA	NA	NA		
	VMT Fee (\$ per Mile)	NA	NA							NA	NA	NA	NA		
	Average Passenger Fleet Mileage (Miles per Gallon)	NA	NA							NA	NA	NA	NA		

Note 1/ Based on 50/50 IX-XI approach, See SBCAG GHG Reduction Strategies Submittal, May 6, 2020, Table V-4)

Note 2/ Scenario C was based on a "pricing sample in City of Santa Barbara" with post processed VMT reductions. Thus from the modeling standpoint, no differences in VMT V/C >1 were observed when compared to 2035 future baseline.

Note: 3/ 2005 is actually 2007 and 2035 is actually 2030. Both 2020 and 2030 figures are one year snapshots of those years. Cumulative figures are available upon request. Each mode includes both capacity enhancing and maint./operations. Figures are approx. and in YOY.