

Network VHT Estimates Based on 2035 Regional Travel Demand Model

Without 29 Road Viaduct

Freeflow Vehicle Hours Traveled

	CBD	Urban	Suburban	Rural	Total
Freeway	--	1,538	12,629	10,201	24,368
Expressways	394	9,106	14,486	12,247	36,234
Major Arterial	1,173	10,891	19,913	2,472	34,448
Minor Arterial	500	6,309	8,309	2,309	17,427
Collector	826	2,384	10,832	10,078	24,120
Ramp	--	1,349	976	282	2,607
Centroids	714	7,319	12,714	18,617	39,365
Total	3,608	38,896	79,859	56,207	178,569

With 29 Road Viaduct

Freeflow Vehicle Hours Traveled

	CBD	Urban	Suburban	Rural	Total
Freeway	--	1,566	12,421	9,896	23,883
Expressways	456	9,197	14,135	12,622	36,410
Major Arterial	1,137	10,920	21,565	2,082	35,704
Minor Arterial	453	5,559	7,026	2,244	15,282
Collector	811	2,416	10,423	10,037	23,688
Ramp	--	1,237	891	255	2,383
Centroids	715	7,305	12,707	18,641	39,369
Total	3,572	38,200	79,170	55,776	176,718

Congested Vehicle Hours Traveled

	CBD	Urban	Suburban	Rural	Total
Freeway	--	7,136	55,620	11,330	74,087
Expressways	1,841	48,281	176,934	73,050	300,105
Major Arterial	6,258	38,696	44,956	16,827	106,737
Minor Arterial	743	19,364	35,621	2,863	58,591
Collector	3,526	3,859	18,081	79,051	104,517
Ramp	--	7,720	6,058	436	14,213
Centroids	714	7,319	12,714	18,617	39,365
Total	13,082	132,375	349,984	202,174	697,615

Congested Vehicle Hours Traveled

	CBD	Urban	Suburban	Rural	Total
Freeway	--	7,728	53,453	10,999	72,181
Expressways	3,095	41,766	129,582	84,028	258,471
Major Arterial	5,616	41,620	65,639	6,470	119,345
Minor Arterial	584	10,744	8,990	2,727	23,045
Collector	2,449	3,611	17,004	78,403	101,468
Ramp	--	4,535	3,773	362	8,669
Centroids	715	7,305	12,707	18,641	39,369
Total	12,458	117,309	291,149	201,631	622,547

Total Congested and Uncongested VHT without Viaduct 876,184

Total Congested and Uncongested VHT with Viaduct 799,265

Total Daily VHT Saved (VHT without Viaduct minus VHT with Viaduct) 76,919

Commuter Days 260

Annual VHT Reduction in 2035 with construction of 29 Road Viaduct 19,998,940