

IH 45 between FM 1488 and LP 336

<i>Year</i>	<i>2015</i>	<i>2018</i>	<i>2025</i>	<i>2040</i>
Volume	185,000	232,193	272,027	359,993
Capacity	247,500	247,500	247,500	247,500
Growth Rate		26%	47%	95%
V/C	0.82	1.10	1.29	1.67
Volume Assuming Old Conroe Road Construction	185,000	206,993	242,543	320,156
IH-45 V/C Assuming Old Conroe Road Construction	n/a	0.84	0.98	1.29

Source: HGAC Travel Demand Forecast

Congestion Reduction Benefit

The proposed project would extend Old Conroe Road to a 4-lane divided roadway with a daily capacity of 31,500. Assuming that the project will be built in 2018 and 80% of the capacity will be used to relieve traffic from IH-45, the congestion reduction benefit from the proposed project would be a reduction of 25,200 vehicle on IH 45 per day in 2018, 29,484 vehicles per day in 2025, and 39,837 in 2040. This will result in a V/C ratio below 1 through 2025.