

Historic Traffic Growth of SH 29 and Similar Roadways

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Location	1980 Traffic Count ⁽¹⁾	2006 Traffic Count ⁽²⁾	CAGR ⁽³⁾ between 1980 to 2006	2035 Trendline Projected Traffic
SH 29, West of US 183	4,100	15,900	5.35%	72,000
SH 29, West of IH 35	2,800	19,200	7.69%	164,000
FM 1431, West of US 183	5,900	23,000	5.37%	105,000
FM 1431, West of IH 35 ⁽⁵⁾	3,200	26,000	11.04%	542,000
RM 620, West of US 183	6,900	34,000	6.33%	201,000
RM 620, West of IH 35	17,800	51,000	4.13%	165,000
RM 2222, West of Loop 360	6,200	43,000	7.73%	373,000
RM 2244, West of Loop 360	5,700	39,000	7.68%	333,000
US 290, West of SH 71	10,900	40,000	5.13%	171,000
SH 71, West of RM 620	4,200	43,000	9.36%	576,000

Source: TxDOT District Highway Traffic Map, 1980

Recent Traffic Growth on SH 29, West of US 183

Location	2006 Traffic Count ⁽²⁾	2008 Traffic Count ⁽⁴⁾	CAGR ⁽³⁾ between 2006 to 2008	2035 Trendline Projected Traffic
SH 29, West of US 183	15,900	18,214	7.03%	114,000

Source: TxDOT District Highway Traffic Map, 2006

Effective CAGR* Growth Rate for SH 29 Project from Burnett County Line to US 183

Location	Est. CAGR ⁽³⁾ between 2008 to 2035	Est. 2035 Projected Traffic
SH 29, West of US 183	3.56%	54,767
SH 29, West of IH 35	3.54%	52,674

Source: CAGR: Compounded Annual Growth Rate = $(Tf/To)^{1/(Yf-Yo)} - 1$