

# Speed Limits in Highland Village



Doug Reim, Chief of Police

CITY OF HIGHLAND VILLAGE

# Default Prima Facie Speed Limits

Speed limits on Texas roads (including city streets) are generally set by statute. TEX. TRANSP. CODE § 545.352. The statute includes the following speed limits:

Street in Urban District	30 mph
Alley in Urban District	15 mph
Highway Numbered by State Outside Urban District	70 mph 65 mph-night
Other Highway Outside Urban District	60 mph 55 mph-night

The speed limit on most city streets is 30 miles per hour because an “urban district” is land adjacent to and including a highway, if the land has structures that are used for business, industry, or residences and the buildings are located at intervals of less than 100 feet for a distance of at least one quarter mile on each side of the highway. *Id.* (Note: the term “highway” in the statute means any road. Compare to the term “state highway,” which refers to state-owned and operated highways.)

# 85<sup>th</sup> Percentile Speed



Speed limits in Texas are set by the 85th percentile method. It represents the speed the majority (85%) of drivers will be traveling at or below. This is a sound engineering principle used to set speed limits on highways nationwide for the past 60 years.

85th percentile speed concept theory:

The large majority of drivers:

- are reasonable and prudent
- do not want to have a crash
- desire to reach their destination in the shortest possible time

# Setting Speed Limits

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City may alter (default) prima facie speed limits by ordinance for highways within the city, including those part of the state highway system, after conducting an engineering and traffic investigation. TC § 545.356(a)

Transportation Commission minute order supersedes any conflicting speed limit set by a city. TC § 545.359

In general, speed limits can be 25 mph to 75 mph. TC § 545.356(a)

The only instance in which a city may lower a speed limit without a traffic study, to as low as 25 miles per hour, is if the road is in an urban district, is less than four lanes, and is not a state highway. The governing body must determine the prima facie speed limit on the highway is unreasonable or unsafe.

# TC Sec. 545.356 Authority of Municipality to Alter Speed Limits

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## Summary of criteria required for a city to approve a 25 mph speed limit

- Applies only to a two-lane, undivided highway or part of a highway.
- Governing body must determine the prima facie speed limit is unreasonable or unsafe.
- Must post 25 mph speed limit signs giving notice of new limit.

## Mandatory Annual Reporting

Must publish by Feb 1st on city website and submit report to TXDOT that compares for each of the two previous calendar years:

- The number of speed limit traffic citations issued and alleged speed of the vehicles;
- The number of warning citations issued; and
- The number of vehicular accidents that resulted in injury or death attributable to speed limit violations on the highway or part of the highway.

# HVPD Speed Survey Device



**JAMAR**  
Technologies, Inc.



- **Covert 'BLACK BOX' Recording**

One of the advantages of the Radar Recorder is that it is all but invisible to drivers. Since there are no road tubes in the road, and no other obvious signs that data is being collected, you get unbiased data without drivers changing their driving habits.

**Radar Recorder covertly collecting vehicle data with drivers unaware**

CITY OF HIGHLAND VILLAGE

# Summary Speed Survey Data (2013-2016)

(Sorted by Enforcement Rating High to Low, Grouped by Street, 75 Total Surveys)

Location	Survey Count	Vehicle Count	Speed Limit (MPH)	85th Percentile (MPH)	Enforcement Rating
Village Parkway 6000-8000 Blk (45 mph)	7	656478	45	50	5.0
Village Parkway 3000-4000 Blk (40 mph)	3	190278	40	45	3.6
Highland Village Rd	16	424205	35	40	3.5
Highland Shores Blvd	12	349832	30	35	3.4
Sellmeyer Ln	7	100135	30	34	2.6
Briarhill Blvd	7	189861	30	34	2.2
Greensprings	1	3199	30	33	1.8
Village Estates	1	5180	30	34	1.8
Whittier	1		30	33	1.8
Excalibur	1		30	33	1.7
Brazos Blvd	4	39903	30	34	1.5
Lakeside Dr	1	4193	30	33	0.8
Northwood Dr	3	23002	30	32	0.6
Justin Rd W/B 2600-2900 Blk (45 mph)	6	372869	45	46	0.5
Justin Rd W/B 2200 Blk (40 mph)	1	69353	40	42	0.6
Silverthorne Trl	1		30	31	0.5
Butterfield Stage	1	1354	30	27	0.3
Hillside Dr	1		30	32	0.2
Tartan Trl	1	4534	30	28	0.0

## CITY OF HIGHLAND VILLAGE



# Speed Enforcement by Location

## Court Citations & Warnings (2014 – 2016)

Location	Warnings	Court Citations	Total
Village Parkway	2038	1284	3322
Justin Rd	688	290	978
Briarhill Blvd	367	186	553
Highland Village Rd	363	130	493
Sellmeyer Ln	135	63	198
Highland Shores Blvd	130	53	183
Brazos Blvd	19	18	37
Castlewood Blvd	4	2	6
Highland Hills Ln	2	1	3
Northwood Dr	2	0	2
Chisum Trl	1	0	1
Double Tree Dr	1	0	1
Highland Forest Dr	1	0	1
Marketplace Ln	1	0	1
Medina Dr	0	1	1
Tartan Trl	1	0	1
Villa Park Dr	0	1	1
Village Estates Dr	1	0	1
<b>Totals</b>	<b>3754 (65%)</b>	<b>2029 (35%)</b>	<b>5783</b>



Questions?

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CITY OF HIGHLAND VILLAGE



# Speed Survey Data (2013-2016)

Alpha Listing - Typical Survey is for a 7 day period

Location	Block	Cross Street	Start Date	Veh Count	Speed Limit	85th Percentile	Enforcement Rating
Brazos Blvd	100	Patricia Ln	7/27/2016	17343	30	34	1.5
Brazos Blvd	100	Medina	12/18/2015	22560	30	31	0.2
Brazos Blvd	100	Highland Village Rd	9/16/2014		30	35	2
Brazos Blvd	100	Highland Village Rd	1/7/2014		30	35	2.2
Briarhill Blvd	2000	Shannon Ln	8/5/2016	47660	30	34	2.1
Briarhill Blvd	2000	Shannon Ln	2/9/2016	51346	30	34	1.6
Briarhill Blvd	2000	Shannon Ln	7/30/2015	44300	30	35	2.6
Briarhill Blvd	2000	Justin Rd	7/8/2014	46555	30	35	2.6
Briarhill Blvd	2000	Shannon Ln	12/28/2013		30	36	3.9
Briarhill Blvd	2000	Justin Rd	9/13/2013		30	32	0.6
Briarhill Blvd	2200	Shannon Ln	3/13/2014		30	34	2
Butterfield Stage	2800	Live Oak	7/2/2014	1354	30	27	0.3
Excalibur	900	Camelot	3/24/2014		30	33	1.7
Greensprings	200	Duvall	6/24/2016	3199	30	33	1.8

# Speed Survey Data (2013-2016)

Alpha Listing - Typical Survey is for a 7 day period

Location	Block	Cross Street	Start Date	Veh Count	Speed Limit	85th Percentile	Enforcement Rating
Highland Shores Blvd	1000	Community Center Dr	9/4/2013		30	33	1
Highland Shores Blvd	1500	Lake Cove	5/26/2016	37817	30	35	2.4
Highland Shores Blvd	1500	Community Center Dr	9/26/2015	33869	30	36	3.4
Highland Shores Blvd	1500	Lake Cove	7/27/2014		30	36	4
Highland Shores Blvd	1500	Community Center Dr	11/13/2013		30	36	3.2
Highland Shores Blvd	2000	Timbercrest	11/26/2014	52089	30	38	10.4
Highland Shores Blvd	2000	Hillside Dr	8/17/2013		30	38	10.1
Highland Shores Blvd	2500	Lake Highlands	11/3/2016	41375	30	34	1.1
Highland Shores Blvd	2500	Lake Highlands	4/24/2016	49940	30	34	1.5
Highland Shores Blvd	2500	Lake Highlands	10/27/2015	50003	30	34	0.8
Highland Shores Blvd	2500	Lake Highlands	2/18/2015	40382	30	35	1.8
Highland Shores Blvd	2500	Lake Highlands	8/14/2014	44357	30	34	1.3
Highland Village Rd	100	Copperas Branch Ct	1/16/2016	19775	35	41	4.5
Highland Village Rd	100	Copperas Branch Ct	7/2/2015	16812	35	42	7.6

# Speed Survey Data (2013-2016)

Alpha Listing - Typical Survey is for a 7 day period

Location	Block	Cross Street	Start Date	Veh Count	Speed Limit	85th Percentile	Enforcement Rating
Highland Village Rd	200	Copperas Branch Ct	8/27/2013		35	40	3.4
Highland Village Rd	300	Cedar Dr	3/31/2015	18388	35	41	4.4
Highland Village Rd	300	Cedar Dr	9/3/2014	27991	35	41	4.6
Highland Village Rd	700	Sellmeyer	10/6/2016	20042	35	40	4.4
Highland Village Rd	700	Sellmeyer	3/27/2016	24903	35	42	7
Highland Village Rd	700	Sellmeyer	9/29/2015	24175	35	42	6.5
Highland Village Rd	900	Catesby Pl	6/6/2016	16496	35	37	0.6
Highland Village Rd	900	Catesby Pl	11/6/2015	40989	35	37	0.7
Highland Village Rd	1500	Willow Creek Estates	7/21/2014		35	40	2.8
Highland Village Rd	1500	Willow Creek Estates	1/17/2014		35	39	1.9
Highland Village Rd	1700	Desiree	2/18/2016	54511	35	39	1.6
Highland Village Rd	1700	Desiree	8/9/2015	91141	35	40	2.7
Highland Village Rd	1700	Desiree	1/26/2015	68982	35	40	2.9
Highland Village Rd	1700	Desiree	9/23/2013		35	39	1.1

# Speed Survey Data (2013-2016)

Alpha Listing - Typical Survey is for a 7 day period

Location	Block	Cross Street	Start Date	Veh Count	Speed Limit	85th Percentile	Enforcement Rating
Hillside Dr	2900	Lake Creek	9/30/2014		30	32	0.2
Justin Rd W/B	2200	Valley Ridge	12/31/2015	69353	40	42	0.6
Justin Rd W/B	2600	Barnett Blvd	6/23/2014		45	46	0.4
Justin Rd W/B	2600	Barnett Blvd	12/15/2013		45	45	0.3
Justin Rd W/B	2700	Barnett Blvd	8/23/2015	82794	45	47	0.7
Justin Rd W/B	2700	Barnett Blvd	12/19/2014	96697	45	48	1.3
Justin Rd W/B	2900	Tartan Trl	10/15/2016	96121	45	43	0.1
Justin Rd W/B	2900	Tartan Trl	3/13/2016	97257	45	45	0.2
Lakeside Dr	2800	Lakewood Ct	7/20/2015	4193	30	33	0.8
Northwood Dr	3200	Hilldale	4/29/2015	14398	30	32	0.6
Northwood Dr	3300	Overlook Cir	12/1/2016	4637	30	32	0.5
Northwood Dr	3300	Kimberlee	11/17/2016	3967	30	31	0.6
Sellmeyer Ln	100	Highland Village Rd	8/23/2016	6683	30	36	4.8
Sellmeyer Ln	200	Foggy Glen	8/16/2016	5820	30	35	4.1

# Speed Survey Data (2013-2016)

Alpha Listing - Typical Survey is for a 7 day period

Location	Block	Cross Street	Start Date	Veh Count	Speed Limit	85th Percentile	Enforcement Rating
Sellmeyer Ln	300	Foggy Glen	3/23/2015	3335	30	36	4.8
Sellmeyer Ln	400	Merriman	1/16/2015	16633	30	34	2.1
Sellmeyer Ln	600	Park Ln	11/19/2015	29866	30	32	0.8
Sellmeyer Ln	600	Meadowcrest	5/12/2015	37798	30	33	0.8
Sellmeyer Ln	600	Justin Rd	10/7/2013		30	33	1.1
Silverthorne Trl	800	Aberdeen	11/4/2013		30	31	0.5
Tartan Trl	900	Silverthorne	9/23/2016	4534	30	28	0
Village Estates	100	Delano	6/12/2015	5180	30	34	1.8
Village Parkway	3000	Fairland Dr	8/24/2014		40	45	3.1
Village Parkway	3000	Harlington Dr	2/28/2014	97704	40	45	2.8
Village Parkway	4000	Harlington	5/9/2016	92574	40	46	4.9
Village Parkway	6000	Northwood Dr	9/3/2016	137993	45	45	0.4
Village Parkway	8000	Orchid Hill	10/25/2016	105186	45	51	0.7
Village Parkway	8000	Orchid Hill	10/25/2016	105086	45	51	7

# Speed Survey Data (2013-2016)

Alpha Listing - Typical Survey is for a 7 day period

Location	Block	Cross Street	Start Date	Veh Count	Speed Limit	85th Percentile	Enforcement Rating
Village Parkway	8000	Orchid Hill	2/28/2016	92957	45	51	6.9
Village Parkway	8000	Orchid Hill	9/7/2015	121139	45	51	6.7
Village Parkway	8000	Orchid Hill	3/9/2015	94117	45	52	8.8
Village Parkway	8000	Orchid Hill	8/5/2014		45	50	4.7
Whittier	300	Dickinson	1/27/2014		30	33	1.8