

Dwelling Density for South Glastonbury

There are five distinct geographical road networks in South Glastonbury; Hercules Road, Virgo Way, Bald Eagle Trail, Aquila Way and Arcturus Drive. All four empty into Dry Creek Road which is a Park County Road. The main roads and their tributaries are listed below with the number of dwellings as last recorded in the 2015 GLA assessments. For reference see <http://www.timslife.com/Forum/cadsg5.html>

Hercules Road Network:

Hercules Road from the intersection of Dry Creek Road to Polaris and Scorpio - 7 dwellings
Upper Hercules from Polaris and Scorpio to Sagittarius Skyway and Sagittarius Place - 2 dwellings.

Libra Drive - 3 dwellings

Polaris Way - 6 dwellings plus SpecTec for a total of 7 dwellings.

SpecTec generates about 16 one way trips per day.

Scorpio Way - 6 dwellings

Sagittarius Place - 3 dwellings

Sagittarius Skyway - 8 dwellings

Total dwellings - 35 dwellings

Virgo Way Network:

Virgo Way - 6 dwellings

Bald Eagle Trail (subdivision road)

Bald Eagle Trail - 2 dwellings

Arcturus Drive Network:

Arcturus Drive - 14 dwellings

Leo Drive - 11 dwellings

Leo Lane - 4 dwellings

Pallas Circle Road - 2 dwellings

Pegasus Way - 1 dwelling

Corleone Way - 5 dwellings

Kenton Lane - 2 dwellings

Sunshine Lane - 3 dwellings

Hesperus Road - 2 dwellings

Hesperus Lane - 5 dwellings

Victoria Lane - 3 dwellings

Arcturus Lane - 7 dwellings

Rock View Lane - 2 dwellings

Total dwellings - 61 dwellings

Aquila Lane Network:

Aquila Lane - 8 dwellings

Total is less than all SG Dwellings because ones that exited on to Dry Creek Road were not included. Current to May 2017 GLA Data.

Traffic Analysis for South Glastonbury

Dwelling density is directly related to traffic on our roads. In Livingston Park County estimates that each dwelling will generate 5 round trip or 10 one way travels by car every day when averaged over one year. Our population has fewer children and is further from central shopping districts. We also have vacation rentals which often include multiple families. The following analysis is built upon 5 one way trips per day per dwelling.

The GLA is only responsible for maintaining platted roads so this analysis ends where platted roads enter a county road.

Road Junction ADT (Average Daily Trips)

Hercules Road Network

Hercules at Sagittarius Skyway and Sagittarius Place ADT = 55

Hercules at Scorpio and Polaris ADT = 136

Hercules at Libra Drive ADT = 166

Hercules at Dry Creek Road ADT = 186

On an average day 186 one way trips occur on Hercules road.

Virgo Way Network

Virgo Way at Dry Creek Road ADT = 30

Bald Eagle Trail (subdivision road)

Bald Eagle Trail at Dry Creek Road ADT = 10

Aquila Lane Network

Aquila Lane at Dry Creek Road ADT = 40

Arcturus Drive Network

Leo Lane and Leo Drive junction with Arcturus ADT = 75

Arcturus at Dry Creek ADT = 305

ADT generated from South Glastonbury roads at Dry Creek and US 89 = 571

If an arterial road is defined as having an ADT of greater than 125, then Arcturus Drive to Sunshine Lane and Hercules Road to Scorpio and Polaris, would be South Glastonbury's arterial roads.

Note: When the dwelling density moves above 25 units (ADT = 125) in the area beyond the junction of Hercules, Scorpio and Polaris, then part of upper Hercules will become an arterial road. The same holds true for the area beyond Sunshine Lane and Arcturus Drive junction.

