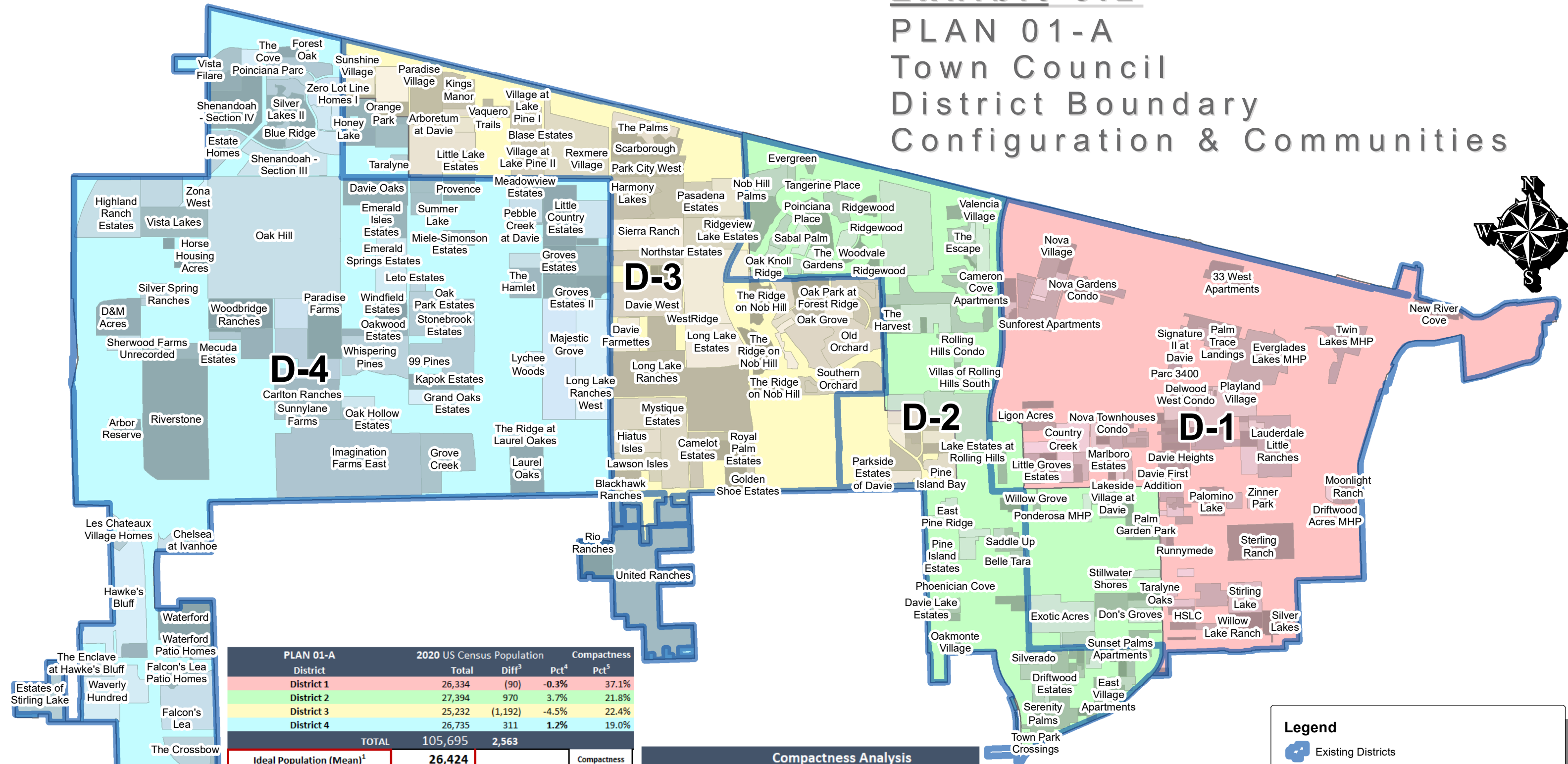


Exhibit 5.2 PLAN 01-A Town Council District Boundary Configuration & Communities



PLAN 01-A		2020 US Census Population			Compactness
District	Total	Diff ³	Pct ⁴	Pct ⁵	
District 1	26,334	(90)	-0.3%	37.1%	
District 2	27,394	970	3.7%	21.8%	
District 3	25,232	(1,192)	-4.5%	22.4%	
District 4	26,735	311	1.2%	19.0%	
TOTAL	105,695	2,563			

Ideal Population (Mean)¹	26,424	Compactness
Percent Deviation from Mean²	2.4%	Formula ³ $4\pi \cdot \text{Area} / \text{Perimeter}^2$
¹ Formula for Ideal Population where deviation is zero	² Percent Absolute Deviation from Mean	
$\bar{x} = \frac{\sum x}{n}$	absolute deviation describes the average distance from the mean for all the District overall	
\bar{x} = Mean (Ideal) Population $\sum x$ = Sum of Total Population n = Number of Districts	Percent Deviation from Mean = $\frac{\text{Absolute Mean Deviation}}{\text{Ideal District Population}}$	
³ Percent Difference of an Individual District Total from Population of a District based on average population known as the ideal population.	⁴ Absolute Difference is calculated to acquire absolute total of differences in population for each District. Required for the Percent Deviation from Mean formula	
Formula: $[\text{District} - \text{Ideal District}] / \text{Ideal District}$		

DISTRICT	Compactness Analysis			
	EXISTING DISTRICTS	PLAN 01-A	PLAN 04	PLAN 05
District 1	42.7%	37.1%	31.6%	31.6%
District 2	21.4%	21.8%	24.1%	24.1%
District 3	14.8%	22.4%	24.5%	19.3%
District 4	29.1%	19.0%	18.4%	26.3%

Legend

- Existing Districts
- Plan 01-A - Proposed District Boundaries
- Proposed Districts
 - D1
 - D2
 - D3
 - D4

