

## Legislation Text

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**File #:** 21-584, **Version:** 1

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**PRESENTER:**

Garry Ford, Assistant Public Works Director/City Engineer

**SUBJECT:**

Discuss and consider approval of the first reading of an ordinance to install an all-way stop at the intersection of W County Line Road and Chartwell Entry.

**DEPARTMENT:** Public Works

**COUNCIL DISTRICTS IMPACTED:** 2

**BACKGROUND INFORMATION:**

The Engineering Division received a request for an all-way stop at the intersection of W County Line Road and Chartwell Entry at the entry of the Castle Ridge subdivision. The intersection has three approaches and is currently controlled by a stop on Chartwell Entry. W County Line Road has a speed limit of 35 mph and is classified as a minor collector in the 2012 Regional Thoroughfare Plan. Chartwell Entry has a speed limit of 30 mph and is a residential street.

An engineering review with traffic counts was conducted in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD). Additionally, the intersection crash history was reviewed.

Based on the result of these investigations, an all-way stop is not warranted at this intersection at this time. Traffic volumes representing the average of 8 hours on an average day on Chartwell Entry represents only 4% of the total traffic through the intersection. In addition, there are plans to install traffic signals at the intersection of County Line Road and McQueeney Road and the intersection of County Line Road and Dove Crossing Drive. It is not recommended to install an all-way stop in a signalized corridor.

The upcoming 2019 Bond project on County Line Road between FM 725 and FM 1044 will install left turn lanes on County Line Road at multiple intersections, including the intersection with Chartwell Entry. This project is scheduled to begin in 2022.

**ISSUE:**

Envision New Braunfels Strategy 7: Connect All: Action 7.16: Develop a program and process for consideration of citizen requests for neighborhood traffic calming.

**FISCAL IMPACT:**

Traffic control signs cost approximately \$150 each. Sufficient funding is available in the FY20-21 approved streets and drainage budget.

**RECOMMENDATION:**

Staff does not recommend installation of an all-way stop at the intersection of W County Line Road and Chartwell Entry this time.