



DEPARTMENT OF PUBLIC WORKS  
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**To:** Municipal Services Committee  
**From:** Eric S. Lom, City Traffic Engineer  
**Date:** September 10, 2015  
**Re:** Emerald Valley (2<sup>nd</sup> Addition) functional classification changes & traffic control

The 2<sup>nd</sup> addition to the Emerald Valley Subdivision is nearing completion. Outlined below are the recommended traffic-related ordinance changes associated with these added roadways.

#### FUNCTIONAL CLASSIFICATION

Within this subdivision is a portion of Providence Avenue, which will eventually function as one of two north/south *collector* roadways servicing the area bounded by Ballard Rd (CTH EE), Broadway Drive, French Road and Evergreen Drive (CTH JJ).. As such, it is appropriate to functionally classify this section of Providence Avenue as a *Collector* roadway and a *Through Street*. To accomplish this, the following ordinance action is required:

**The following streets be designated as a *Through Streets* as defined in Chapter 19 of the Municipal Code and be designated as *Collectors* on the official *Arterial/Collector Street Map*.**

1. "Providence Avenue from Edgewood Drive (CTH JJ) to future Lightning Drive."

#### INTERSECTION CONTROL

Based on its recommended functional classification as a *Collector/Through Street*, all streets intersecting with Providence Avenue must be controlled with Stop signs as required in Section 19-41 of the Municipal Code. To accomplish this, the following ordinance action is required:

1. **Create:** "Install stop signs on Amethyst Drive at Providence Avenue."

Finally, based on our current policy to install intersection control at all four-legged intersections in areas where driver expectations would make it appropriate, we recommend the installation of Yield control at the intersection of Amethyst Drive and Bluetopaz Drive. To accomplish this, the following ordinance action is required:

1. **Create:** "Install yield signs on Bluetopaz Drive at Amethyst Drive."