




## CITY OF KYLE

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### MEMORANDUM

TO: Scott Sellers, City Manager

FROM: Leon Barba, P.E., City Engineer 

DATE: October 27, 2017

SUBJECT: Multi-way Stop Investigations

City staff has received requests for the installation of STOP signs at various locations throughout the City. After receiving requests from the public, staff from the Kyle Police Department, the Public Works Department and the Engineering Department visited the various intersections to observe the existing street and traffic conditions.

We offer the following summary for each of the proposed locations:

**Autumn Sage Parkway and Camelia Parkway** – The initial request was for installation of multi-way STOP signs on Camelia Parkway at Autumn Sage Parkway and Bottle Brush Drive. Traffic enters Autumn Sage from Rebel Rd. and feeds into the northern portion of Home Town Kyle but Bottle Brush is not connected to Rebel Rd. There is also a distance of approximately 2000' from Hometown Parkway and Sweet Gum Drive without a controlled intersection. Staff only recommends the multi-way STOP sign installation at Camelia Parkway and Autumn Sage Parkway.

**Downing Way and Waterloo Drive** – Downing Way goes from Dacy Lane to Bebee Rd. and the distance is approximately 4,200'. There are no traffic control devices along the route. There is an existing neighborhood swimming pool and playground just east of this intersection and the road curves back to the north towards Bebee Rd. Staff recommends a multi-way STOP sign installation at this location.

**Downing Way and Kensington Boulevard** – Kensington Boulevard shares a similar design and operating characteristic with equal street width and posted speed limits as Downing Way. Kensington Boulevard also connects with Bebee Rd. at the north end. Based on this, staff recommends a multi-way STOP sign installation at this location.

**Brandi Circle and Hallie Drive** – Brandi Circle is part of a looped street that intersects with Hallie Drive. At this particular intersection, Brandi Circle has a more pronounced curvature. As a result, drivers approaching Brandi Circle from Hallie Drive have limited sight distance when looking for vehicles approaching from Brandi Circle on the left side. This becomes more of an issue if vehicles going north on Brandi Circle are going at a higher rate of speed than what is posted. Staff recommends a multi-way STOP sign installation at this location.

**Brent Boulevard and Philomena Drive** – Multi-way STOP signs were installed as a temporary measure during the reconstruction of this section of roadway. Construction has been completed, but the school district staff and the City staff agree this has improved the safety of the intersection. Staff recommends the multi-way STOP sign installation remain at this location.

**Dacy Lane and Bunton Creek Road** – Multi-way STOP signs were installed as a temporary measure during the reconstruction of this section of roadway. In fact, this intersection had already met warrants for the installation of a traffic signal prior to reconstruction of Bunton Creek Road. Due to construction of the new section of Philomena Drive, it is recommended that another warrant study be done to determine whether this intersection still warrants the installation of a new traffic signal. In the meantime, staff recommends the multi-way STOP sign installation remain at this location.

**Lehman Road and Bunton Creek Road** – Multi-way STOP signs were installed as a temporary measure during reconstruction of this section of roadway. Construction has been completed but staff recommends the multi-way STOP sign installation remain at this location.

Please let me know if you need any additional information.

Xc: Harper Wilder, Director of Public Works  
Jeff Barnett, Chief of Police