Councillor Request Inquiry #11-2020

Please provide an aerial map of the north-west corner (Brentwood and Wye Road) - the map should include the merge lane.

Good morning Council,

As requested by Councillor Delainey at the May 12 Priorities Committee meeting, Transportation Planning and Engineering (TPE) would like to provide the following information regarding safety concerns at the northwest corner of the Brentwood Boulevard and Wye Road intersection, including the merge lane.

Councillor Delainey identified that he has been contacted by residents regarding safety concerns when merging onto Wye Road, specifically describing it as a very tight merge lane at the northwest corner of the intersection. The Councillor's request was to see an aerial image of the intersection and has been provided as Attachment #1 - Aerial - Wye Rd Brentwood Blvd/Rge Rd 232. This movement involves the southbound Brentwood Boulevard traffic turning right on to westbound Wye Road.

The intent of the design for this traffic movement is for the southbound traffic to yield to the on-coming traffic in the westbound Wye Road lane and not merge. The geometry provided is not intended to serve as a merge lane. Therefore, the intersection control provides yield signs with the intent that the southbound traffic is required to yield to on-coming traffic westbound prior to entering the lane. The outside curb line was designed in its current location to ensure that larger vehicles are able to navigate through the curve successfully, which may account for the source of the appearance of a merge area.

TPE acknowledge's that there has been some driver confusion due to the previously existing free flow lane, existing line markings, and wide curb configuration. In an effort to further clarify, an alternative pavement marking design was developed earlier this year to more clearly communicate to drivers in all movements that the intent is to yield and not merge (see Attachment #2 - Wye Rd Brentwood Blvd proposed pavement markings 2020). The alternative pavement markings are intended to be complete within the 2020 construction season.

Should you wish to discuss this matter further, you may contact Kevin Cole, Director at 780-400-3881 or kevin.cole@strathcona.ca.

Thank you.

Claudene Boreen

Assistant to the Director Transportation Planning and Engineering





Aerial - Wye Road - Brentwood Blvd/Rge Rd 232





Legend

Municipal Boundary

Urban Service Areas

Rural Hamlets

Town of Bruderheim

Parcels

Lakeland Village Parcels

Notes

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