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MEMO

MEMO TO: Transportation Advisory Committee

FROM: Wayne A. Chouinard, P.E.

SUBJECT: Traffic Calming Recommendation – Beech St. @ Orchard St. Intersection

DATE: December 8, 2025

In conjunction with the overall traffic calming assessment of Beech Street, the Engineering Division recommends installing a stop sign and stop bar at the intersection of Orchard Street with Beech Street.

The Engineering Division completed pedestrian, bicycle, and scooter counts on two occasions in September 2025. During these studies, it was observed that Orchard Street is a heavily trafficked way by school aged children in the morning and afternoon peak hours. Due to the existing geometry of the intersection, vehicles traveling north on Orchard Street enter Beech Street in conflict with right of way traffic traveling in both directions on Beech Street. Sight distance for oncoming traffic and pedestrians is limited due to roadway geometry and on-street parking. To improve safety for all modes of travel, the Engineering Division recommends installing a stop sign and stop bar at the Orchard Street intersection with Beech Street. This recommendation will match the existing conditions to the coinciding intersecting roadways with Beech Street, such as Benjamin Road, Drew Road, and Upland Road.

Additional traffic calming studies and recommendations regarding the Beech Street corridor from Waverly Street to the Beech Street Center have been completed. The Engineering Division will recommend these as a separate project as they will include a raised mid-block crosswalk, and rapid flashing beacon upgrades at the existing roadway crossing at the Beech Street Center.

FIGURE 1: PROPOSED STOP SIGN LOCATION

