



**INFRASTRUCTURE  
SERVICES**  
*Staff Report*

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REPORT NO: IS-2024-04

TO: Council

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DATE: March 4, 2024

SUBJECT: Trussler Road Traffic Calming-City of Kitchener

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**RECOMMENDATION:**

That Council endorse the traffic calming initiative for Trussler Road (City/Township) between Snyders Road East/Highland Road and Ira Needles Boulevard/Trussler Road (Region) currently proposed as part of the City of Kitchener's program.

**SUMMARY:**

The City of Kitchener is proposing to install 2 speed cushions and 1 speed hump on Trussler Road between Snyder's Road East and Ira Needles Boulevard. This segment of Trussler Road is a boundary road shared between the City and Township, as such approval from the Township of Wilmot is required in order for the City to progress to construction.

**BACKGROUND:**

As part of The City of Kitchener's 2024 Vision Zero program, Trussler Road (City/Township) has been flagged as a high priority area for installation of raised traffic calming measures due to

speeds and volumes of vehicles using the road as a by-pass around the Regional road network at Snyder's Road East/Highland Road and Ira Needles Boulevard/Trussler Road (Regional).

### REPORT:

The City of Kitchener is proposing one speed cushion between Highland Road and Cora Drive, one speed cushion between Waldau Crescent and Ira Needles Boulevard, and one speed hump between Cora Drive and Waldau Crescent to address speed and volume issues. Per The City of Kitchener field studies, this portion of Trussler Road has ranked high on their formal traffic calming priority list due to high 85<sup>th</sup> percentile speeds in the low 60km range with high traffic volumes for over ten years. This section of Trussler Road is ranked high on The City of Kitchener's model to predict highest risk locations for serious and fatal injury collisions.

The two proposed speed cushions at each end of the street allow for the wheelbase of fire trucks and ambulances to fit between the raised measures and knocking over the flexible bollard in the middle of the road reducing delays that would be caused by the raised hump portion of the traffic calming measure. City of Kitchener Fire staff has supported this option of two speed cushions and one speed hump over the option of installing three speed humps, and has confirmed response times will be met. Wilmot Fire has also endorsed the concept at the staff level.

This portion of Trussler Road is a no truck route and experiences a high volume of cut through traffic, the raised traffic calming measures are anticipated to deter trucks and general cut through traffic using it as a short cut around the Region of Waterloo roundabouts along Ira Needles.

### ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

The Township's participation in this traffic calming measure aligns with the Strategic Plan Goals of quality of life through active transportation through supporting safe and efficient roadway use.

### FINANCIAL CONSIDERATIONS:

The City of Kitchener proposes to fund the project through their 2024 Vision Zero program and will be responsible for the maintenance of the speed humps and flexible bollards in accordance with the boundary road agreement for this segment. The City of Kitchener has anticipates little to no maintenance required for this type of installation.

The City of Kitchener provides all-season maintenance for this section of Trussler Road as well as Waldau Crescent per the current boundary road agreement.

### ATTACHMENTS:

Attachment 1: Trussler Road Traffic Calming Plan