



# INFORMATION REPORT

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	September 18, 2023
<b>SUBJECT/REPORT NO:</b>	In-Service Road Safety Review of the Upper Paradise Road between Stone Church Road and Rymal Road Corridor (PW23059) (Ward 14) <b>(Outstanding Business List Item)</b>
<b>WARD(S) AFFECTED:</b>	Ward 14
<b>PREPARED BY:</b>	Chris Day (905) 546-2424 Ext. 2433 Giancarlo Perez Miller (905) 546-2424 Ext. 2067
<b>SUBMITTED BY:</b>  <b>SIGNATURE:</b>	Carolyn Ryall Director, Transportation Public Works Department

## COUNCIL DIRECTION

City Council at its meeting on February 8, 2023, provided the following direction via motion:

That upon the conclusion of the Upper Paradise Road in-service road safety review that the Transportation Operations & Maintenance Division, known today as the Transportation Division, report back to the Public Works Committee with the review findings inclusive of costs and a proposed implementation plan in Q3 of 2023.

## INFORMATION

On January 11, 2023, a student pedestrian from St. Thomas More Catholic Secondary School lost their life in a motor vehicle collision on Upper Paradise Road near the intersection of Stone Church Road West. On December 22, 2017, two pedestrians from the local neighborhood were struck by a motor vehicle resulting in a resident losing their life and their partner having sustained serious injuries on Upper Paradise near the intersection of Stone Church Road West.

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OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

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The City of Hamilton approved the Vision Zero Action Plan in February 2019, which is a comprehensive road safety plan to eliminate collisions that involve serious injuries or fatalities. As part of this program, roadway safety improvements should be considered particularly in areas where there is a high volume of vulnerable road users.

Roster consulting services from True North Safety Group was acquired to undertake an In-Service Road Safety Review along Upper Paradise Road between Stone Church Road to Rymal Road, refer to Appendix “D” to Report PW23059, to identify roadway safety measures to improve the overall safety for all modes of travel.

True North Safety Group reviewed traffic operations and collision statistics along this corridor as well conducting comprehensive field investigations to assist in determining potential roadway safety measures that could be implemented to enhance traffic operation and safety. A detailed summary of existing conditions is included in Appendix “B” to Report PW23059.

The True North Safety Group Summary of Findings and Recommendations within the In-Service Road Safety Review is attached to Report PW23059 as Appendix “A”. The identified measures are categorized into three categories: Short-term actions, medium-term and long-term recommendations. The status, action, implementation timing, and financing details of all recommendations are outlined in Appendix “C” of Report PW23059.

Short-term actions include relatively inexpensive measures that can be implemented in the short-term without major physical changes to the layout of the intersections and road segments, targeted to be completed between 0-3 years. Medium-term recommendations include countermeasures that involve minor physical changes to the layout of intersections and road segments, targeted to be completed between 3 to 5 years. Long-term recommendations are more costly and significant in scope which require long-term planning, targeted for completion in 5+ years.

The short-term actions for the Corridor have either already been completed or are scheduled to be completed by quarter 4 of 2023. Short-term actions have/will be funded through existing capital and operating budgets.

The Medium-term recommendations regarding the St. Thomas More Catholic Secondary School will be provided to the Hamilton District Catholic School Board member on the Hamilton Strategic Road Safety Committee for review and action, if deemed necessary.

The remaining Medium- and Long-term recommendations are programmed to be reviewed as part of future reconstruction and has been deferred to the capital

reconstruction program for scoping and programming. A timeframe for these changes should be planned to be completed within 5 years, and as approved by Committee and Council through the annual capital budget process.

Combined, the safety enhancements identified in Report PW23059 will serve to better protect all road users and are in alignment with the City of Hamilton's Vision Zero principles. The results of which are monitored through the annual review of the collision history for intersections and road segments, as summarized in Annual Collision Reports.

While there are immediate benefits to implementing safety enhancements it will take a number of years after the implementation to statistically gauge the effect as meaningful analysis takes into account a minimum of three to five years of collision history to determine reliable intersection and road segment collision frequency.

#### **APPENDICES AND SCHEDULES ATTACHED**

Appendix "A" to Report PW23059 – In-Service Roadway Safety Review Summary of Findings & Recommendations

Appendix "B" to Report PW23059 – Upper Paradise Road between Stone Church Road and Rymal Road: Existing Conditions Summary

Appendix "C" to Report PW23059 – Upper Paradise Road between Stone Church Road and Rymal Road: Implementation Summary

Appendix "D" to Report PW23059 – Upper Paradise Road In-Service Roadway Safety Audit Location Map