









	<b>Alternative F1</b>		<b>Alternative F3</b>	
Route Alignment <sup>1</sup>	<b>Heart Lake Road</b> (North of Mayfield Rd to Old School Rd) – <b>Old School Road</b> (West of Heart Lake Rd to Hurontario St) – <b>Hurontario Street</b> (North of Old School Rd to 620m South of King St)	<b>Impact with Mitigation</b>	<b>Heart Lake Road</b> (North of Mayfield Rd to King St) – <b>King Street</b> (West of Heart Lake Rd to 1010m West of Kennedy Rd) – <b>Kennedy Road</b> (South of King St to 620m South of King St)	<b>Impact with Mitigation</b>
Construction Method	Assumed Open Cut Method and closure of 1 travel lane		Assumed Open Cut Method and closure of 1 travel lane	
Road Closure and Traffic Disruption <sup>2</sup>	<p><i>North-South Alignment (main directional traffic through study area)</i> Hurontario Street carries significantly higher traffic volume compared to Heartlake Road (Alternative F3), with mitigation:</p> <ul style="list-style-type: none"> <li>Two-way traffic can still be maintained (with 2 northbound and 2 southbound lanes)</li> <li>Continuity of traffic can be maintained through the area.</li> </ul> <p><i>East-West Alignment</i> Old School Road carries similar traffic volume compared to King Street (Alternative F3), with mitigation:</p> <ul style="list-style-type: none"> <li>Traffic through the construction zone will have to be managed by either limiting to single directional traffic or alternating directional traffic or closing off through traffic.</li> <li>Requires traffic rerouting.</li> <li>More driveways along King Street</li> </ul>		<p><i>North-South Alignments (main directional traffic through study area)</i> Heartlake Road carries significantly less traffic volume compared to Hurontario Street (Alternative F1), with mitigation:</p> <ul style="list-style-type: none"> <li>Traffic through the construction zone will have to be managed by either limiting to single directional traffic or alternating directional traffic or closing off through traffic.</li> <li>Requires traffic rerouting.</li> </ul> <p><i>East-West Alignment</i> King Street carries similar traffic volume compared to Old School Road (Alternative F1), with mitigation:</p> <ul style="list-style-type: none"> <li>Traffic through the construction zone will have to be managed by either limiting to single directional traffic or alternating directional traffic or closing off through traffic.</li> <li>Requires traffic rerouting.</li> <li>More driveways along King Street</li> </ul>	
Traffic Rerouting	Traffic rerouting from Old School Road may be required.		Traffic rerouting from Heart Lake Road, King Street and Kennedy Road maybe required.	
Impact to service vehicles	<p><i>Emergency Vehicle Access</i></p> <ul style="list-style-type: none"> <li>Potential minor delay to emergency vehicle access along Hurontario Street due to lane reductions from five lanes to four lanes. Potential disruption to emergency access to Old School Road.</li> </ul> <p><i>Public Transportation (GO Bus)</i> Potential minor delay transit service along Hurontario Street.</p>		<p><i>Emergency Vehicle Access</i></p> <ul style="list-style-type: none"> <li>Potential disruption to emergency access to Heart Lake Road, King Street and Kennedy Street.</li> </ul> <p><i>Public Transportation (GO Bus)</i></p> <ul style="list-style-type: none"> <li>No local transit service along proposed watermain alignment.</li> </ul>	
Pedestrian / Cycling Facilities	<ul style="list-style-type: none"> <li>Rural cross-section</li> <li>No sidewalk present along proposed watermain alignment.</li> <li>No existing or planned bicycle lanes</li> </ul>	N/A	<ul style="list-style-type: none"> <li>Rural cross-section</li> <li>No sidewalk present along proposed watermain alignment.</li> <li>No existing or planned bicycle lanes</li> </ul>	N/A
Driveway Access	<p>Potential for impacts/modifications to driveway accesses:</p> <ul style="list-style-type: none"> <li>Majority of driveway impact are located on Heart Lake Road with some impact on Old School Road</li> <li>Minor driveway impacts on Hurontario Street</li> </ul>		<p>Lane closure will result potential impact to numerous driveway accesses</p> <ul style="list-style-type: none"> <li>Majority of driveway impact are located on Heart Lake Road with some impact on King Street</li> </ul>	

<sup>1</sup>In either options, the feeder main will run along Heartlake Road south of Old School Road, thus for the purpose of comparisons, alternatives F1 and F3 are only compared based on the proposed alignments from Heartlake Road / Old School Road extending northward.

<sup>2</sup>Assuming if only one lane is required to be closed.

