








Exploring Options and Trade-offs

Killarney Neighbourhood Renewal


Traffic Calming Measures Reference Document

Measure	Benefits and Trade-offs	Example
Road Closure	<ul style="list-style-type: none"> + Traffic volumes/shortcutting reduction + Fewer conflicting traffic movements potentially result in fewer/less severe collisions + May have potential for landscaping + Loss of some on-street parking + Less convenient access for residents and visitors + Potential diversion of traffic to other roads 	
One-way Road	<ul style="list-style-type: none"> + Traffic volumes/shortcutting reduction + Fewer conflicting traffic movements potentially result in fewer/less severe collisions + Creates a refuge at crossings for people who walk + May have potential for landscaping + Loss of some on-street parking + Less convenient access for residents and visitors + Potential diversion of traffic to other roads 	

Measure	Benefits and Trade-offs	Example
Raised Median	<ul style="list-style-type: none"> + Localized speed reduction + Acts as a refuge at crossings for people who walk + May result in loss of on-street parking along the length of the median 	
Raised Median though an Intersection	<ul style="list-style-type: none"> + Traffic volume and shortcutting reduction + Creates a refuge at the intersection for people who walk + Fewer conflicting traffic movements + Loss of on-street parking along the length of the median + Less convenient access for residents and visitors + Potential diversion of traffic to other roads + Loss of left turn and straight through traffic 	
Diagonal Diverter	<ul style="list-style-type: none"> + Traffic volumes/shortcutting reduction + Fewer conflicting traffic movements potentially result in fewer/less severe collisions + May have potential for landscaping + Loss of some on-street parking + Less convenient access for residents and visitors + Potential diversion of traffic to other roads 	

Measure	Benefits and Trade-offs	Example
Right-in/Right-Out Island	<ul style="list-style-type: none"> + Traffic volumes/shortcutting reduction + Fewer conflicting traffic movements potentially result in fewer/less severe collisions + Creates a refuge at crossings for people who walk + May have potential for landscaping + Loss of some on-street parking + Less convenient access for residents and visitors + Potential diversion of traffic to other roads 	
Mini Roundabout	<ul style="list-style-type: none"> + Reduces vehicle speed + Reduces the number and severity of collisions + Potential for landscaping in the center (depending on size) + Additional land may be required + May require removal of some on street parking + Not as friendly for people who walk + Challenging for larger vehicles to make the turn + Potential diversion of traffic to other roads + Potential impact to trees in road right-of-way + People who bike must "take the lane" to navigate around 	

Measure	Benefits and Trade-offs	Example
Chicanes	<ul style="list-style-type: none"> + Discourages speeding + May also discourage shortcutting + Potential landscaping opportunities + Loss of some on-street parking + Additional maintenance required on, in or around chicanes (snow clearing, street sweeping and landscaping) + Potential diversion of traffic to other roads + People who bike must "take the lane" to navigate around the feature + One vehicle may need to yield for safe passing of approaching vehicle while maneuvering around a chicane 	
Curb Extensions	<ul style="list-style-type: none"> + Shorter crossing distances for people who walk + Improves sightlines by preventing parking too close to the intersections + Slow traffic through the intersections + Opportunity for aesthetic improvements/landscaping + Removal of some on-street parking + People who bike must "take the lane" to navigate around the feature + Additional maintenance (snow clearing, landscaping) may be required 	

Measure	Benefits and Trade-offs	Example
<p>Raised Intersection</p>	<ul style="list-style-type: none"> + Localized speed reduction + May also reduce traffic volumes + Improved awareness of crossings for people who drive + People using mobility aids may be able to cross more easily + Discomfort for transit passengers + May cause braking and accelerating traffic noise + Potential diversion of traffic to other roads 	
<p>Speed Hump</p>	<ul style="list-style-type: none"> + Localized speed reduction + May reduce traffic volumes + May require removal of some on-street parking + Discomfort for transit passengers + May cause braking and accelerating traffic noise + Potential diversion of traffic to other roads 	
<p>Raised Crosswalk</p>	<ul style="list-style-type: none"> + Localized speed reduction + Improved awareness of crossings for people drive + People who walk using mobility aids may be able to cross more easily + May also reduce traffic volumes + May cause discomfort for people on buses and those who bike when crossing + May cause braking and accelerating traffic noise + May impact ability to clear snow in the vicinity of the crosswalk + Potential diversion of traffic to other roads 	