

#2

Chesterfield & Downie

Chesterfield Ave. and Downie St. is an example of a type of intersection that is common in the east end of the neighbourhood. The streets meet at an irregular angle, creating extremely wide intersections with large corners. Visibility is really poor at Chesterfield Ave. and Downie St., and cars speed up past the posted stop sign before slowing, because the stop signs are positioned far back from the intersection. Residents have noted that many vehicles do not come to a full stop. Along the Chesterfield Ave. corridor, some three-way intersections, for example where Chesterfield Ave. meets Mason Ave. and Aberdeen Ave., do not have a stop sign or traffic control measure in any direction.

Traffic demand is low along both Chesterfield Ave. and Downie St., making this intersection an interesting site to explore unconventional traffic calming ideas. Residents are working on creating a pop-up traffic calming demonstration at this site, and would love to see more permanent changes to the intersection in the future.

The streets meet at an **irregular angle** because Chesterfield Ave. and Brookdale Cres. were initially oriented along the now buried Brookdale Creek.

LEGEND

 Existing Buildings Residential & Commercial	 Proposed Sidewalks	
 Existing Sidewalks	 Proposed Curb Cut/Concrete Pad	
 Existing Curb Line	 Proposed New Curb Line	
 Stop Sign	 Street Tree	 Street Light/Lamp
 Benches		

DESIGN CONCEPTS

Tighten the intersection

Bring in the curb lines, so that the roads meet at a tighter angle. Move the sidewalks and curb cuts forward to correspond with the new alignment of the roads.

-  Accessibility
-  Safe Neighbourhood

Create a new public space

Use the space reclaimed by the tightening of the intersection to create a parklet, rain garden, pollinator garden, or other green community feature.

-  Placemaking
-  Child & Age Friendly
-  Greening

Create a four-way stop

Move the stop signs on Chesterfield Ave. forward so that sight lines are improved. Add stop signs on Downie.

-  Accessibility
-  Safe Neighbourhood
-  Child & Age Friendly

Calm traffic & beautify the intersection with a mural

Intersection murals can add local character and can help slow down cars, because it signals to drivers that they are in a neighbourhood zone.

-  Placemaking
-  Safe Neighbourhood
-  Child & Age Friendly

RESIDENT QUOTE

"Great to tighten the intersection by adding a parklet. I [also] like the four way stop"

