

Sample Barrier Buster Projects



Here is a list of Barrier Buster projects, grouped into some common categories. We encourage you to do multiple accessibility upgrades within a single category or mix and match based on your accessibility needs to create the greatest impact in your community and also maximize your funding potential.

Your project could help people with the following disabilities:



Mobility



Vision



Hearing

Accessible Parking



Designate accessible parking spaces for individuals with a disability to make it easier for them to gain access to the building.

Improvement ideas:

Designate and label (include vertical and pavement signage) parking spaces with appropriate dimensions and design, located near building entrance.



Repave or repair the designated parking space surface to ensure it is level, stable, firm and slip-resistant.



Add a shelter to provide protection from weather.



Construct a dedicated curb ramp near the designated space to allow convenient access to the accessible route.



Add a marked crossing connect designated parking to closest sidewalk.



PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> • Property Manager • Painters • Code Consultant • Construction Contractor 	<ul style="list-style-type: none"> • Parking Stall (per single line/stripe): \$4-\$5 • Accessible Stall (symbol w/ blue box): \$25-\$35 (horizontal signage vs. vertical signage) • Crosswalks (white & blue): \$35-\$75 • Repaving: \$1,000-15,000 • Curb ramp: \$10,000-\$20,000 	<ul style="list-style-type: none"> • Average Parking Painting Costs • City of Brampton Accessible Parking dimensions (p.8 & 9) • ADA Accessible Parking Fact Sheet



Drop-Off/Pick-Up Zone



Create safe and accessible spaces for individuals to rest and wait for transportation.

Improvement ideas:

Construct the drop-off/pick-up zone with appropriate markings and level, flat, no slip surface.



Add seating for people to rest while waiting.



Add signage for easy identification.



Add shelter to protect from weather.



Install adequate lighting for safety.



PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> • Site or building owner • City planning agency 	\$10,000-20,000+	<ul style="list-style-type: none"> • UN Accessibility


Exterior Access




Help make it easier for individuals with a disability to get to and from a building. Consider building

Improvement ideas:



Construct an accessible route that provides access to the main entrance and integrates aesthetically with the building architecture.




Convert old steep ramps into sloped walkways to encourage inclusion and integration



Provide 2 handrails in contrasting colour install stairs.

Ensure there is a level landing at the top and bottom of all ramps. Note: Longer ramps may require additional landings



PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> • Building owner • Property manager • Architect/engineer • Builders/general contractors • Code consultant • Ramp specialist 	<p>\$500-\$20,000+</p>	<ul style="list-style-type: none"> • Cost to build accessible ramp

Elevator or Lift

Make sure individuals are able to access all rooms and floors in a building freely and easily.

Improvement ideas:

Install an elevator and provide for any structural retrofit of the building that is necessary.



Install a platform lift and provide for any structural retrofit of the building that is necessary.



PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> • Building owner • Property Manager • Architect/Engineer Builder/General contractor • Code Consultant • Elevator/lift company 	<p>Approximately \$20,000-\$70,000+ for elevator/lift plus labour and design (depending upon the level of finish).</p>	<p>Elevator or Lift Installation</p>



Power-Operated Entrance and Interior Doors



Improvement ideas:

Install power-operated doors on entrance door and other high traffic doorways.



Including emergency power, so the door can be an emergency exit door.



PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
Licensed contractor	<ul style="list-style-type: none"> • Approximately \$1,800-\$2,400+ for an power door • Approximately \$20-\$40 per offset hinge • Average cost per threshold: \$70-\$90 • Average cost for accessible hardware: \$20-\$200+ per lever 	<ul style="list-style-type: none"> • Adaptive Access Offset Hinges • Cost of transition strips

Accessible Washrooms and Showers

Lower or automate various washroom amenities to ensure they are accessible for individuals of all ages and abilities.

Improvement ideas:

Construct an accessible washroom or stall.



Construct an accessible shower.



Provide an adjustable height adult change table.



Develop a ‘no-touch’ washroom. Power doors, faucets and paper towel dispensers are easier for everyone and can reduce the infection rate by as much as 80%.






PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> • Building owner • Property Manager • Code consultants • Building professionals 	<ul style="list-style-type: none"> • Average Grab Bar Cost: \$95 - \$200 • Automatic Faucets: Average total cost per sink/faucet: \$290-\$1,000+ • Average total cost for Under Sink Piping Protectors (each) \$11-\$60+ • Average total cost per automatic flushing toilet: \$350-\$1,000+ • Average total cost per accessible toilet paper dispenser: \$80-\$130+ • Average total cost per accessible door lock: \$75-\$150+ • Average total cost per accessible door latches: \$13 + • Average total cost per accessible door pulls: \$35 + • Average total cost per automatic soap dispenser: \$20-\$100+ • Average total cost per automatic hand dryers: \$900+ 	<ul style="list-style-type: none"> • Bradley Corp ADA Washroom Standards • Cost to install grab bar • Cost of automated sinks and toilets: Quora, Home Advisor • ADA compliant door handles

Accessible Play Spaces

Create play spaces which encourage participation and interaction amongst all children. A combination of active play and rest spots benefits both children and parents/caregivers who supervise them.



Improvement ideas:






<p>Install play equipment with tactile surfaces, ramps, accessible swings which incorporates texture, contrasting colours, and sounds.</p> 	<p>Add a sheltered, accessible picnic table or rest area.</p> 	<p>Construct an accessible pathway to play spaces with a level, flat, no-slip surface.</p> 
--	---	--

PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> School Administrator Architect/Engineer Code consultant Builder/General contractors Playground Specialists (i.e. equipment or surfacing) 	<p>\$100,000-\$200,000+; playground surface= \$6.59/sq ft-\$19.90/sq ft (depending on type of surface material) + installation</p>	<ul style="list-style-type: none"> Rick Hansen Foundation: Guide to Accessible Play Spaces Rick Hansen Foundation: Accessible Playground Case Studies Accessible Play Surfaces Comparison of Accessible Playground Surfaces

Parks, Trails, and Marine Access

Design parks, trails, and marine areas to be enjoyed by individuals of all ages and abilities. Consider the accessibility and safety of routes and pathways, as well as how individuals may use amenities and rest areas.

Improvement ideas:

<p>Add smooth-surface pathways to make amenities such as docks, beaches, and trails more accessible.</p> 	<p>Add a sheltered, accessible picnic table or rest area.</p>  <p>Aromatic gardens with braille/raised lettering signage.</p> 	<p>Add tapping rails along paths to allow visually impaired users with canes to navigate safely around and towards signs.</p> 	<p>Install tactile and audible landscaping/wayfinding, including using landmarks such as water features, sculptures and sound.</p> 
--	--	---	--






PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> • Architect • Engineer • Consult Independent Professionals as required by your local code. 	<p>Accessible picnic tables and accessories - \$500+</p>	<ul style="list-style-type: none"> • Access Forward Ontario • City of Toronto

Access to Learning, Information, and Culture



Ensure information is presented in formats that can be consumed by all. Install assistive technologies to allow individuals of all abilities to fully participate in a space.

Improvement ideas:













<p>Adjustable chairs – mixture with and without arms - desks that are adjustable.</p> 	<p>Information/materials made available in alternative formats.</p> 
<p>Screen reader software on PCs.</p> 	<p>Install task lighting to provide additional light for reading or other specific activities.</p> 
<p>Install Induction loops in educational and cultural facilities to transmit quality sound and reduce background noise.</p> 	

PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> Office Manager Furniture manufacturer 	<p>Approximately \$700-\$900+</p>	<p>CNIB Handy Tools for Work and Life</p>

Accessible Kitchen

Consider lowering or automating counters and appliances to ensure they are accessible and easy to operate for individuals of all abilities.

Improvement ideas:

Counters at different heights – 32", 36", 42". 	Lowered/or variable height sinks with roll-under space. 	Counter space in front of all appliances. 	Automated or touch faucets.  
Variety of seating and tables with rounded corners.  	Raised dishwasher (6"). 	Power outlets in front of counter.  	Power-operated entrance door.  

PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> Architect Engineer Consult Independent Professionals as required by your local code. 	<ul style="list-style-type: none"> Raised dishwasher (6") \$700+ Power-operated entrance door \$1,000+ 	<ul style="list-style-type: none"> Canada Mortgage and Housing Corporation University of Southern Mississippi



Emergency Response



Visual and audio emergency warning systems are critical to ensure the safety of all individuals. Consider how an individual with a disability can quickly and easily exit a building to a safe gathering place.

Improvement ideas:

Add visual fire/emergency alarms throughout the building.



Post emergency evacuation instructions with diagrams, clear text, and in Braille at an accessible height.



Install an emergency evacuation chair in all emergency exit areas.



Ensure emergency equipment, fire pulls, extinguishers, etc. are at an accessible operating height.



PROFESSIONALS TO CONSULT	SAMPLE COSTS	ADDITIONAL RESOURCES
<ul style="list-style-type: none"> Property Manager Code consultant 	<p>Average cost for visual alarm system (strobes)=\$45-160 +</p>	<ul style="list-style-type: none"> Fire Alarm Systems Strobe Alarm Application Guide Visual Audio Alarm