

Calgary



CITY OF CALGARY
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IN COUNCIL CHAMBER

FEB 27 2019

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CITY CLERK'S DEPARTMENT

February 27 2019
SPC on T&T

Transportation Bylaw Updates



Why are we updating the bylaw?

1. Charter

- Keeping up to date with best practices
- Legalizing existing safe behaviour

2. Notice of Motion

- Allowing active modes to operate safely more places

3. Bylaw Clean up

- Our current review pointed out some discrepancies

Charter

1. Hand Signals for Cyclists

2. Signage for Cyclists

3. Safe Passing Bylaw

4. On-Street Parking
Adjacent to Painted Lines

5. Back-In Angle Parking

Notice of Motion

6. Non-Motorized
Skateboards, Inline
Skates and Scooters

*E-Scooters Update

Bylaw Cleanup/Updates

7. Yielding When Entering a
Roadway or Sidewalk from a
Pathway

8. Bicycle Parking in City Bike
Racks

9. Allowing Electric Pedal
Assist (E-Bikes) On Public
Transit

10. Active Modes On Transit
Station Pedestrian Bridges

11. Definition of Sidewalk

12. Definition of Skateboards,
Scooters and Bicycles



Engagement



Drive, Cycle, or Skate.

We're updating our
transportation bylaws and
want to hear from you.

[Learn more >](#)

3,433 Calgarians

Timeline



November 23 - December 9, 2018

Online public engagement



January 2019

Report back



February 27, 2019

Standing Policy Committee of Transportation and Transit



March 18, 2019

Council Meeting with Public Hearing

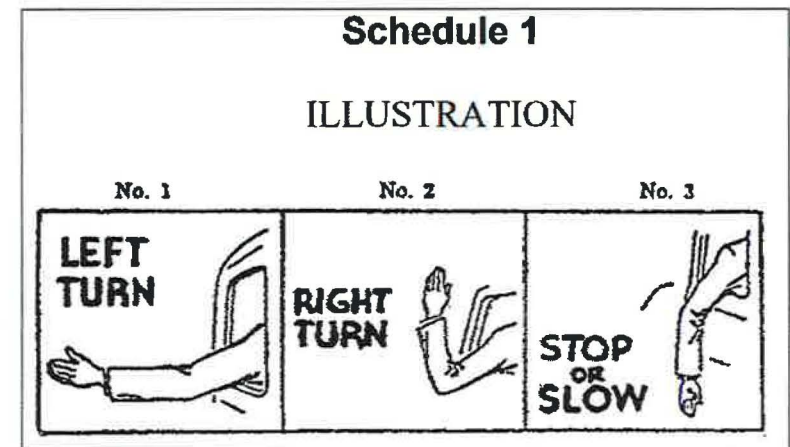


Charter Bylaws

Hand Signaling for Cyclists

Current Bylaw

(b) in the case of turning to the right, by extending that person's left hand and arm beyond the left side of the vehicle and upward as shown in illustration No. 2 of Schedule 1;



Left Turn



Right Turn



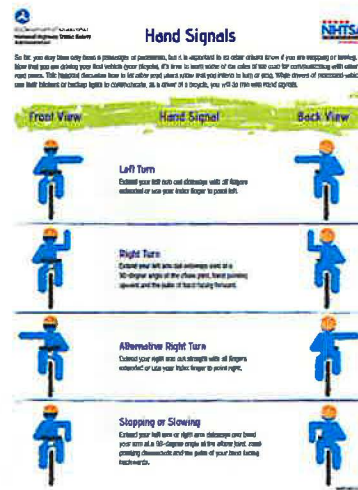
Stop



Keeping up internationally



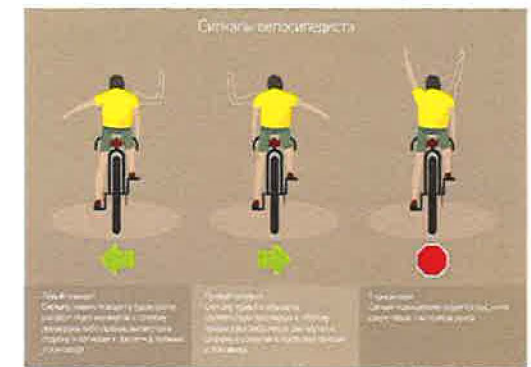
Copenhagen (Denmark)



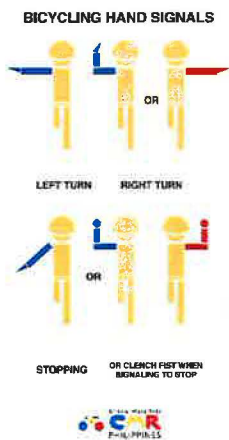
USA



New South Wales (Australia)



Russia



Philippines



Japan

Jurisdiction	Able to use either arm to signal for a right hand turn	Not able to use either arm to signal for a right hand turn
Ontario	X	
Quebec	X	
British Columbia	X	
Alberta		X

Canada



Brazil

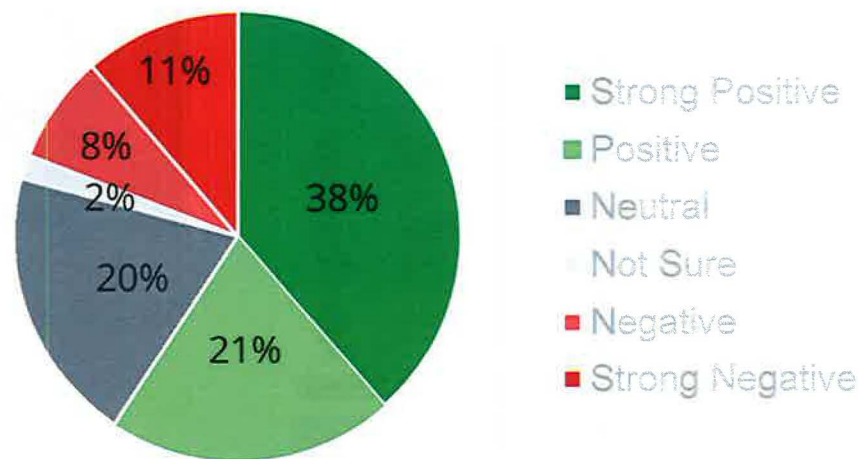
Cyclist Hand Signaling



Proposed

...a person operating a bicycle may indicate the person's intention to turn to the right, by extending that person's right hand and arm horizontally."

Engagement - Cyclist Hand Signaling - Permit using right arm





Safe Passing Bylaw



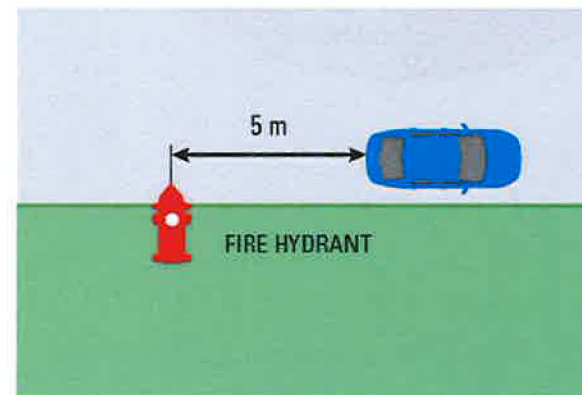
Current

Overtaking and passing 21(1) Subject to section 22, a person driving a vehicle that is overtaking another vehicle

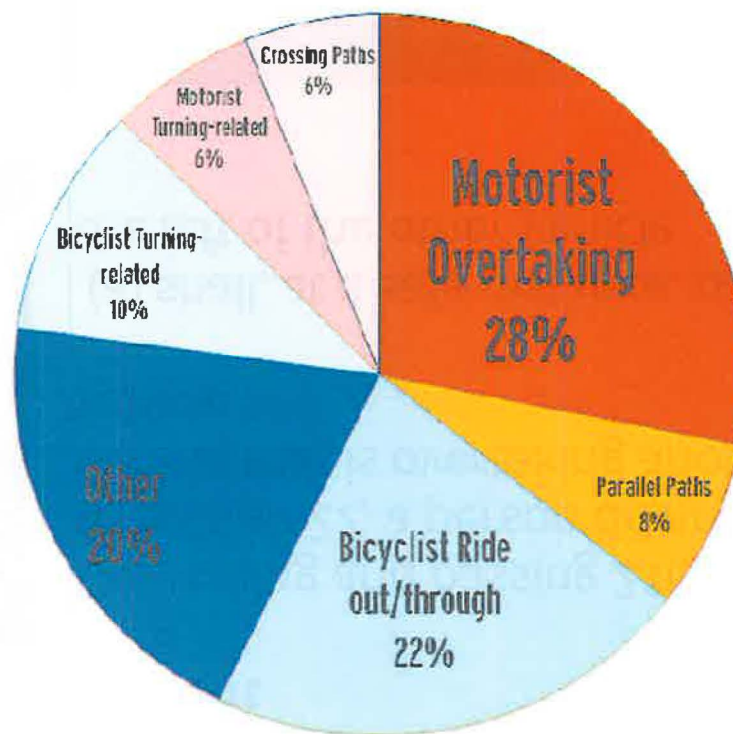
(a) shall, at a safe distance, pass to the left of the other vehicle



VS



Safe Passing Bylaw

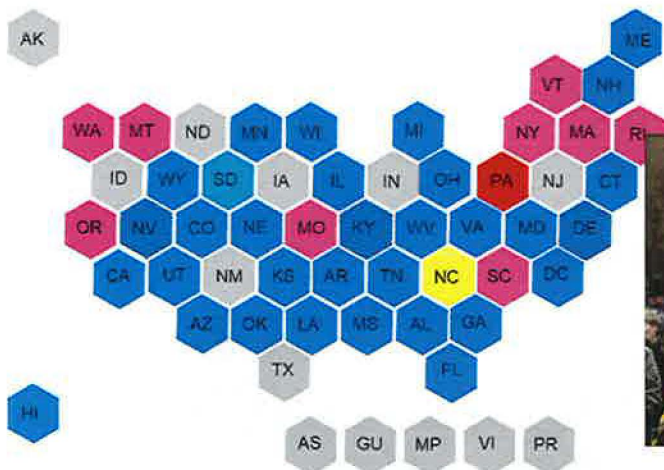


NHTSA Crash Types for Pedalcyclist fatalities 2014-2016



Keeping up internationally

State Statutes Regarding Motorists Passing Bicyclists



- Legend**
- States with 2-foot passing law/4 feet in a no-pass zone
 - States with 3-foot minimum passing distance
 - States with 4-foot minimum passing distance
 - States with general "safe distance" passing requireme
 - States with no specific law for passing a bicyclist
 - States with 3-feet when below 35 PM/6-feet for above :
 - States that require a motorist to completely change la passing a bicyclist if there is more than one lane proce same direction.



Brazil



France



Canada

2018 Bill 214

Fourth Session, 29th Legislature, 67 Elizabeth II

THE LEGISLATIVE ASSEMBLY OF ALBERTA

BILL 214

TRAFFIC SAFETY (SAFE DISTANCES FOR PASSING BICYCLES) AMENDMENT ACT, 2018



Australia



Germany

Safe Passing of Cyclists

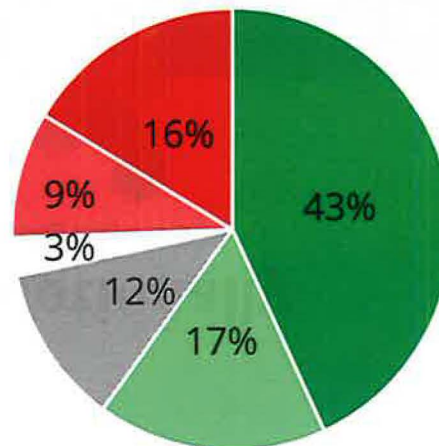


Proposed

1 metre between the motor vehicle and the bicycle if the motor vehicle is travelling at a speed of 60 kilometres per hour or less;

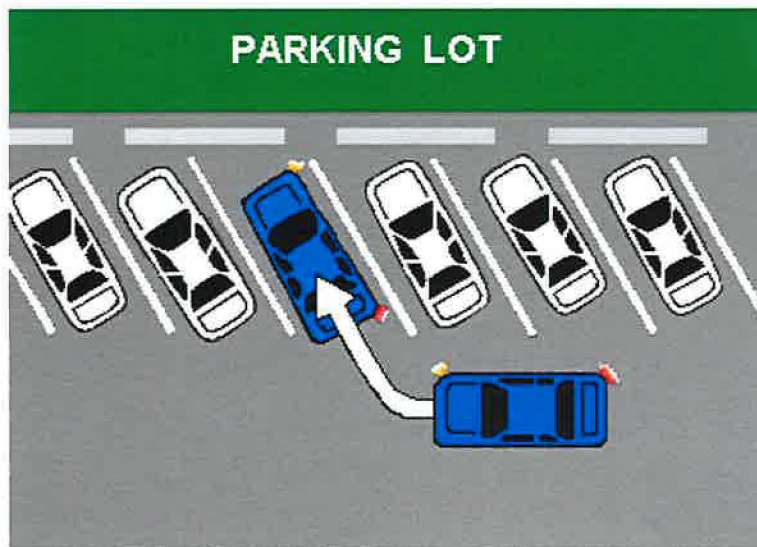
1.5 metres between the motor vehicle and the bicycle if the motor vehicle is travelling at a speed of greater than 60 kilometres per hour.

Engagement - Cyclist Safe Passing Law



- Strong Positive
- Positive
- Neutral
- Not Sure
- Negative
- Strong Negative

Back-in Angle Parking

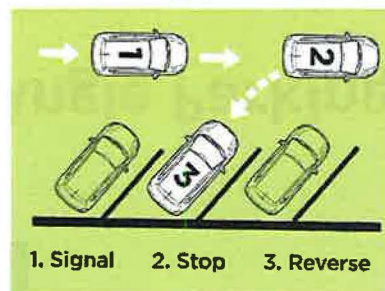


Current Bylaw

When a sign indicates that angle parking is permitted or required and parking guide lines are visible on the roadway, a driver of a vehicle shall park that vehicle:

...with one front wheel not more than 500 millimetres from the curb or edge of the roadway

Back-in Angle Parking



1. Drivers have a better view of traffic, when exiting the parking space into the travel lane
2. Puts the trunk or back of vehicle to the sidewalk for safer loading/unloading

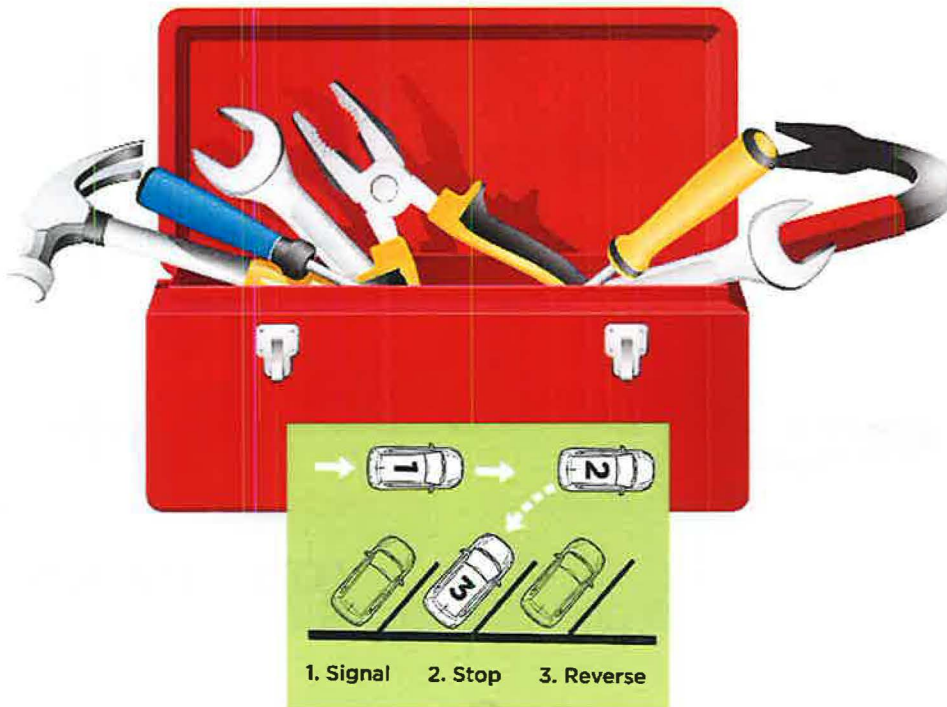
Back-in Parking – Winnipeg Pilot



69% of the respondents that used angled parking rated their experience as “very comfortable”.

82% of respondents indicated that back-in angled parking was “easy” or “very easy”.

Back-in Angle Parking



Proposed

a person may only park a vehicle with the vehicle's sides between and parallel to any 2 of the guidelines and

- (c) **a wheel of the vehicle not** more than 500 millimetres from the curb or edge of the roadway, and
- (d) the vehicle angled in the direction of travel authorized for the traffic lane that is adjacent to the lane on which the vehicle is parked.

Notice of Motion

Notice of Motion

July 23, 2018 - NoM - Bike Share in Calgary (C2018-0934)

AND FURTHER BE IT RESOLVED that Council direct Administration to review the existing bylaw rules governing mobility devices such as scooters, skateboards, roller skates and personal mobility devices with electric motors and to bring forward any necessary bylaw amendments to facilitate the use of such devices no later than Q1 2019.





Current	Sidewalks (outside downtown)	Downtown Sidewalks	Stephen Avenue	Dedicated Bike Lane	Roadway	Pathway
Pedestrians 	✓	✓	✓	✗	✗	✓
Bicycles 	✗	✗	✓	✓	✓	✓
E-Bikes (Pedal Assist) 	✗	✗	✓	✓	✓	✓
Scooters 	✗	✗	✗	✗	✗	✓
E-Scooters 	✗	✗	✗	✗	✗	✗
Skateboard 	✓	✗	✗	✗	✗	✓
Inline Skates 	✓	✗	✗	✗	✗	✓
Mobility Scooter 	✓	✓	✓	✗	✗	✓

Skateboarding, Scootering and Roller skating







Legend

- Pathway
- No Skateboard, Scooter or Roller Skate Zone

Skateboarding, Scootering and Roller skating

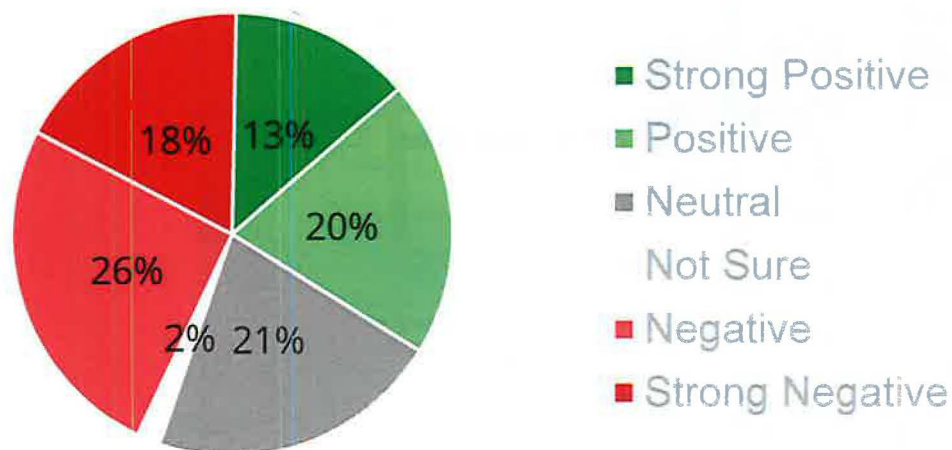


Legend

-  Bicycle Lane
-  Cycle Track
-  Shared Space
-  Pathway

Skateboards, Scooters and Roller Skates in the downtown

Engagement - Allowing Non- Motorized Mobility Devices in Cycle Infrastructure and in Public Spaces

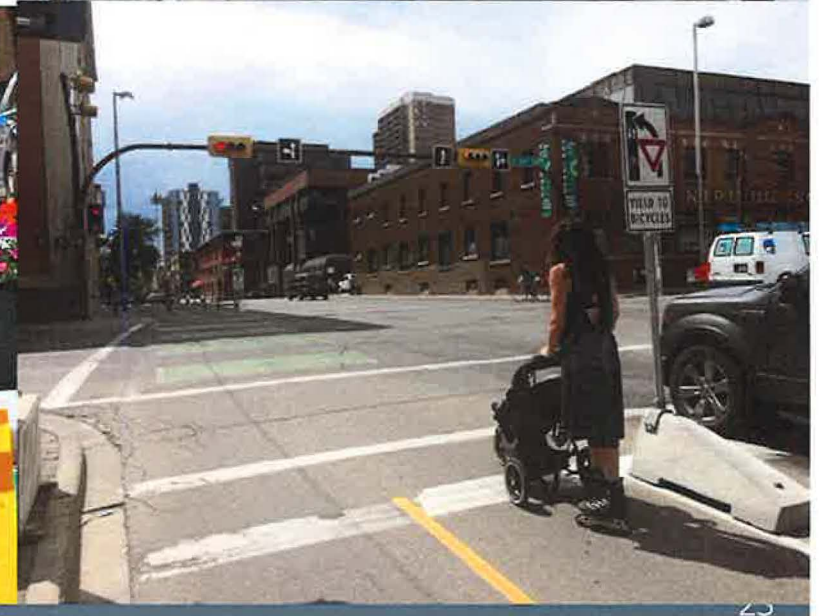


Mode of Transportation: Choose up to 3 (question 5)

Automobile	Bicycle	Walking	Personal mobility devices	Transit	Mobility Aid	Other
2786	1797	2188	167	1173	31	59

2%

Pathways similar to the Cycle Track – “on-street pathway”



Skateboards, Scooters and Roller Skates in the downtown



"A person using in-line skates, roller skates, a scooter, or a skateboard on a sidewalk must not use the in-line skates, roller skates, a scooter, or a skateboard in a manner that interferes with a pedestrian using the sidewalk"



Proposed	Sidewalks (outside downtown)	Downtown Sidewalks	Stephen Avenue	Dedicated Bike Lane	Roadway	Pathway
Pedestrians 	✓	✓	✓	✗	✗	✓
Bicycles 	✗	✗	✓	✓	✓	✓
E-Bikes (Pedal Assist) 	✗	✗	✓	✓	✓	✓
Scooters 	✗✓	✗✓	✗✓	✗✓	✗	✓
E-Scooters 	TBD	TBD	TBD	TBD	TBD	TBD
Skateboard 	✓	✗✓	✗✓	✗✓	✗	✓
Inline Skates 	✓	✗✓	✗✓	✗✓	✗	✓
Mobility Scooter 	✓	✓	✓	✗	✗	✓

E-Scooters



Alberta 
Transportation

July 23, 2018 - NoM - Bike Share in Calgary (C2018-0934)

NOW THEREFORE BE IT RESOLVED, that Council direct administration to initiate a two-year pilot for bike share by September 2018 that will include:

...A pilot consisting of up to 10,000 bicycles, scooters or other personal mobility devices

And report back to Council through Transportation and Transit Committee with an update on the pilot in Q4 2019 and a final report with potential further recommendations no later than Q4 2020.



Charter

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6. Non-Motorized Skateboards, Inline Skates and Scooters
- *E-Scooters Update

Bylaw Cleanup/Updates

7. Yielding When Entering a Roadway or Sidewalk from a Pathway
8. Bicycle Parking in City Bike Racks
9. Allowing Electric Pedal Assist (E-Bikes) On Public Transit
10. Active Modes On Transit Station Pedestrian Bridges
11. Definition of Sidewalk
12. Definition of Skateboards, Scooters and Bicycles

Recommendations

1. That Council give three readings to the proposed Charter bylaw to amend:
 - a) the Calgary Traffic Bylaw 26M96; and
 - b) the Calgary Parking Bylaw 41M2002.

2. That Council give three readings to the proposed bylaw to amend:
 - a) the Calgary Traffic Bylaw 26M96;
 - b) the Street Bylaw 20M88;
 - c) the Stephen Avenue Mall Bylaw 52M87;
 - d) the Barclay Mall Bylaw 17M84;
 - e) the Calgary Parking Bylaw 41M2002;
 - f) the Calgary Transit Bylaw 4M81;
 - g) the Mall Between Second Street S.E. and First Street S.E. on Eighth Avenue Bylaw 26M85; and
 - h) the Municipal Complex Bylaw 38M2012.

3. That the report be directed to the 2019 March 18, Combined Meeting of Council to the Public Hearing portion of the Agenda;



Thank you

