

Calgary



# TT2020-1090 Mobility Trends in Calgary COVID-19 Transportation System Monitoring

Presentation to SPC on Transportation and Transit – September 30, 2020  
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CITY OF CALGARY  
RECEIVED  
IN COUNCIL CHAMBER

SEP 30 2020

ITEM: 7.1 TT2020-1090

Distribution

CITY CLERK'S DEPARTMENT





September 2020

## Mobility Trends in Calgary Active Modes

COVID-19 Transportation System Monitoring



Total 2020 e-Scooter trips

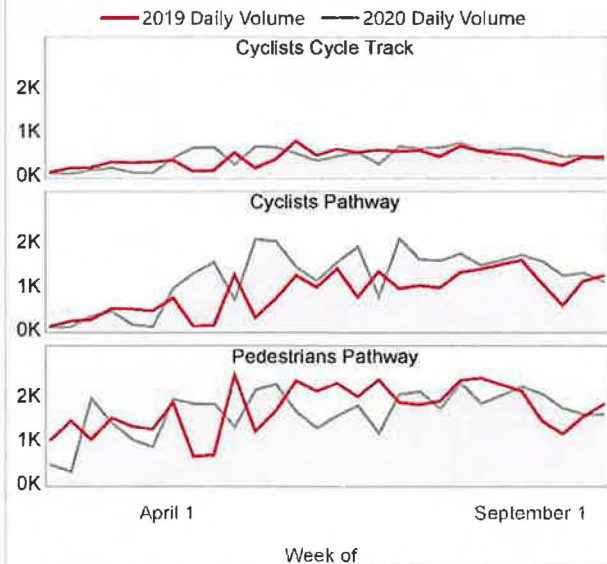
**853,585**

May 22 - September 28

% of e-Scooter Trips Originating in District (May 22 - Sept. 28)

Beltline	27%
Chinatown	6%
Cliff Bungalow	3%
Downtown Commercial Core	18%
Downtown East Village	6%
Eau Claire	11%
Hillhurst	3%
Inglewood	3%
Mission	3%
Other	17%
Sunnyside	5%

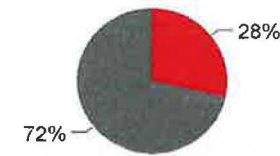
Weekend Eco-Counter Location Data: 2020 Compared to 2019



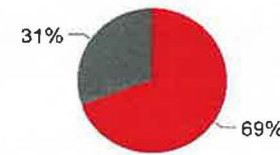
Memorial Drive Adaptive Roadway Average Weekend Study (10 Hours)

● Adaptive Roadway ● South Pathway

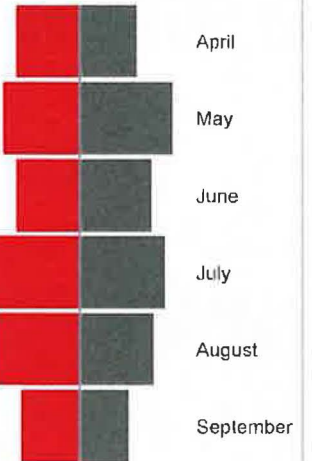
Pedestrians % by Facility



Bikes % by Facility

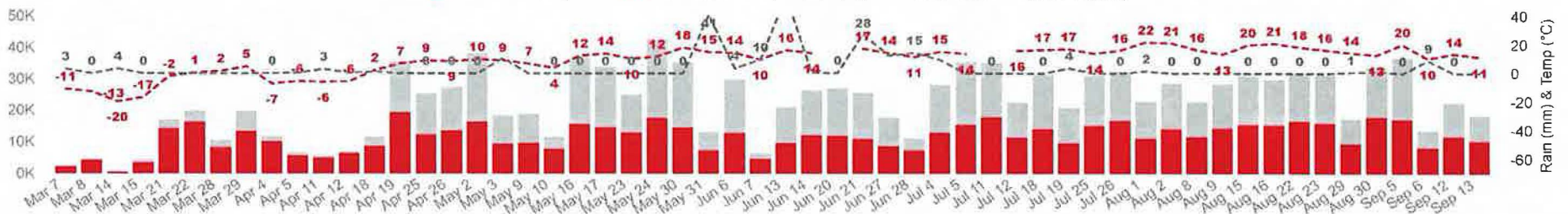


Pedestrians+Bikes



Saturday Pathway Volume + Precipitation & Mean Temperature [Average from several Eco-Counters]

● Pedestrians ● Cyclists --- 2020 Mean Temperature (°C) --- 2020 Total Precipitation (mm)



**Data Sources:**

**e-Scooter trips:** City of Calgary - Transportation Planning ([www.calgary.ca/scootershare](http://www.calgary.ca/scootershare))  
**Eco-Counter pedestrian & bike volume:** Eco-counter stations owned by City of Calgary Parks and Transportation Departments ([www.eco-public.com/ParcPublic?id=4190](http://www.eco-public.com/ParcPublic?id=4190))

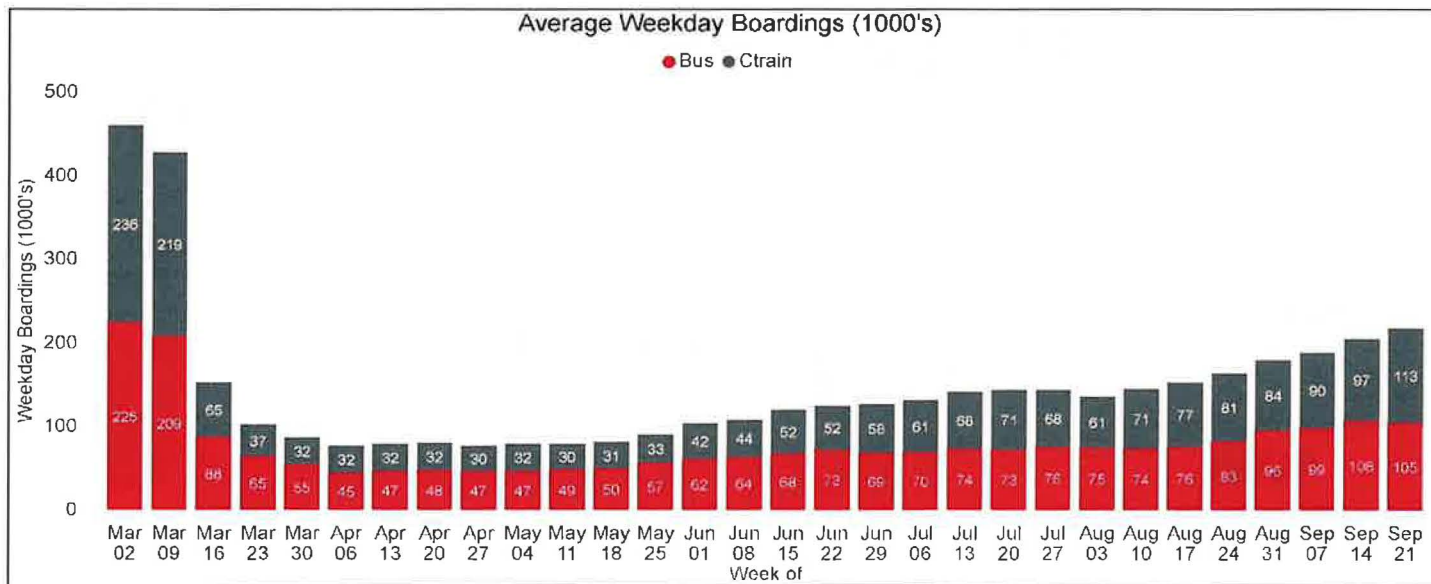
**Adaptive Roadway bike and pedestrian counts:** Miovision count data (City of Calgary - Transportation Planning)  
**Weather Information:** Environment Canada Website ([www.weather.gc.ca](http://www.weather.gc.ca))

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# Mobility Trends in Calgary Transit

COVID-19 Transportation System Monitoring

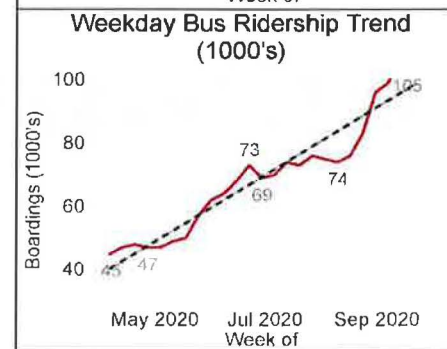
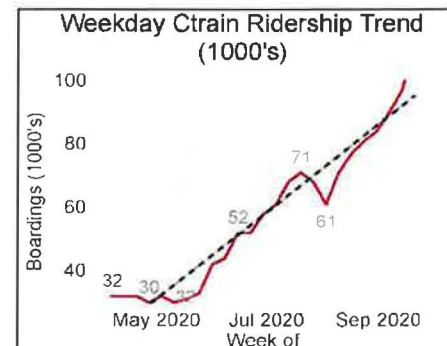
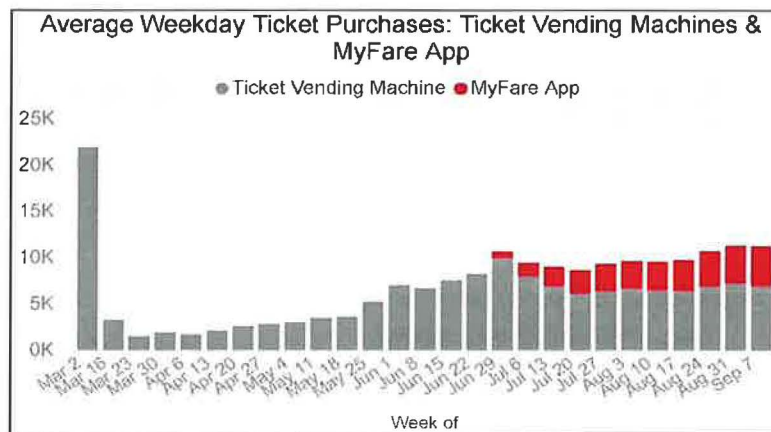
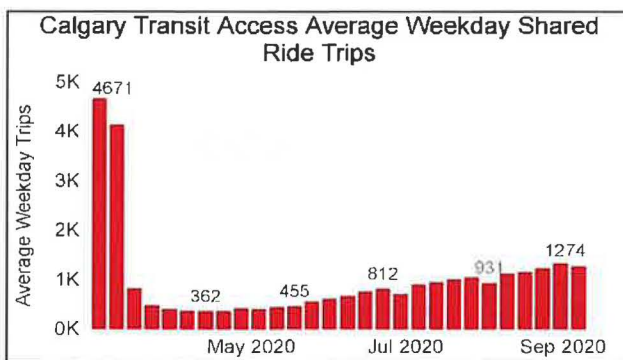


Daily Ridership: (Week of Sep 21-25)

**Ctrain: 113,000**

**Bus: 105,000**

(Weekday Boardings)



Data Source:  
City of Calgary, Calgary Transit -Transit Data

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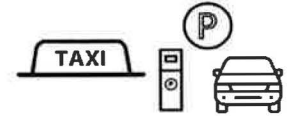





September 2020

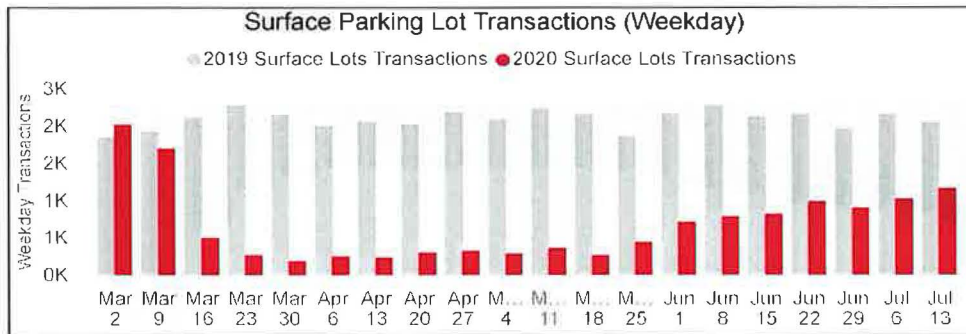
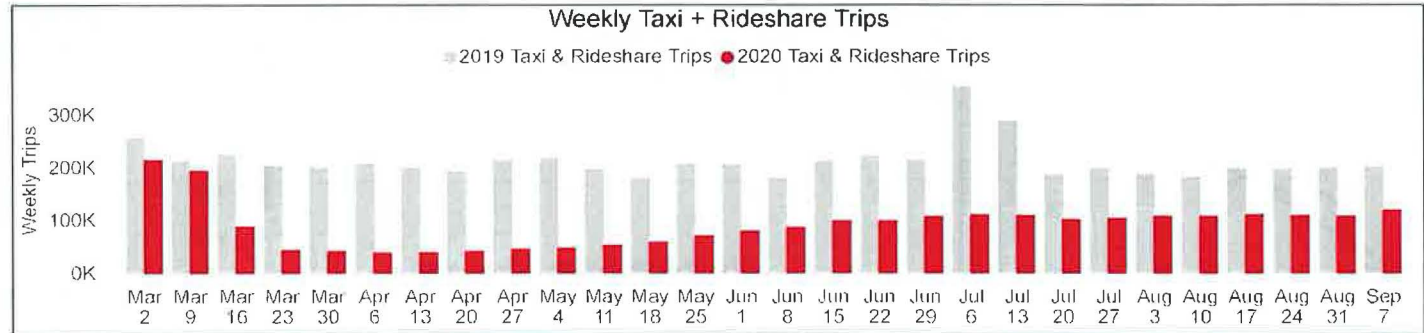
# Mobility Trends in Calgary Parking & Rideshare

COVID-19 Transportation System Monitoring



Taxi & Rideshare Trips  
September 7-11, 2020

**60%**  
of 2019 trips

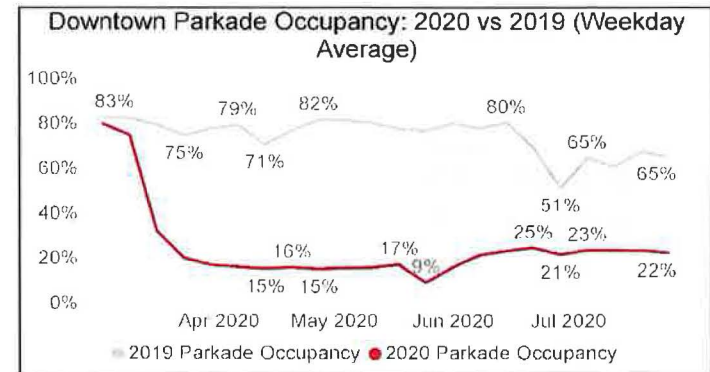


Surface Lot Parking  
July 13-17, 2020

**56%**  
of 2019 Transactions

On Street Parking  
July 27-31, 2020

**67%**  
of 2019 Transactions



Data Sources:

Taxi/Rideshare data: City of Calgary, Community Services - Compliance Standards  
Parking Data: The Calgary Parking Authority

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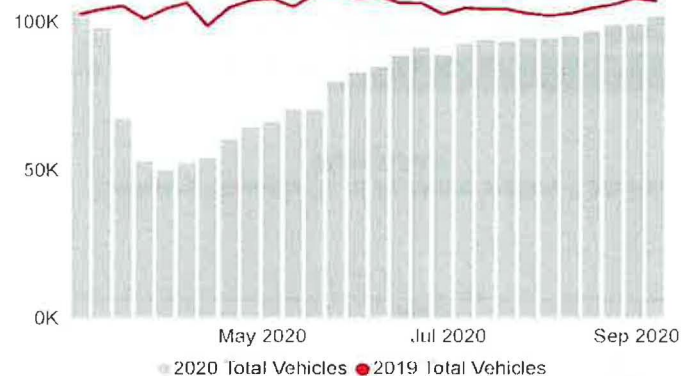
September 2020

# Mobility Trends in Calgary Cars & Trucks

COVID-19 Transportation System Monitoring

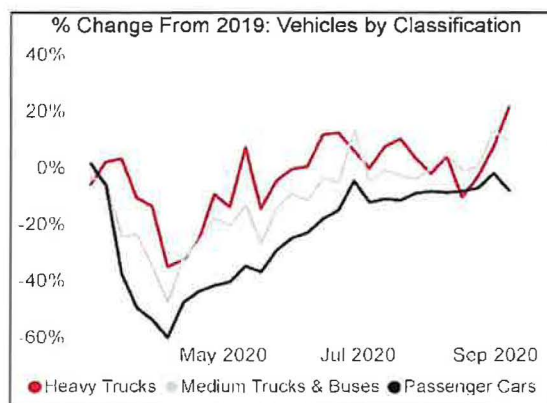


Total Vehicles: Average Weekday

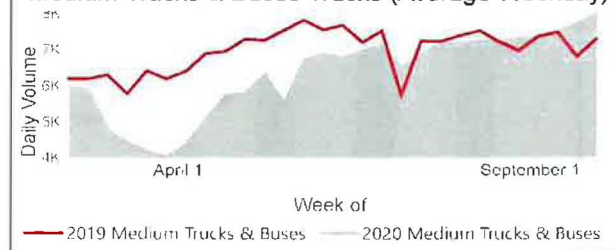


Vehicle Volume  
September 7-11, 2020

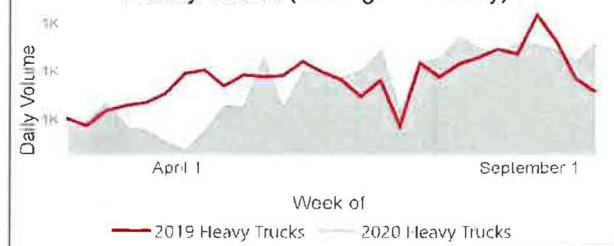
**95%**  
of 2019 Weekday Volume



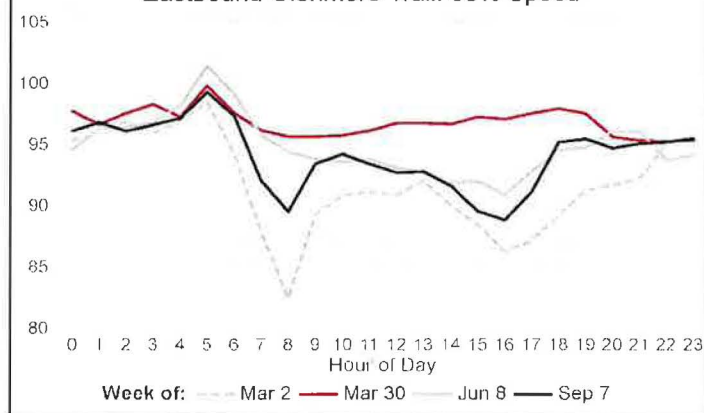
Medium Trucks & Buses Trucks (Average Weekday)



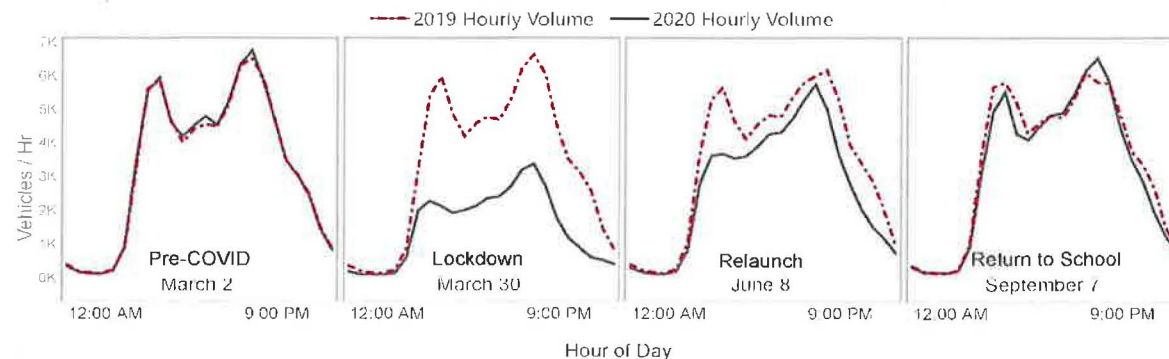
Heavy Trucks (Average Weekday)



Eastbound Glenmore Trail: 85% Speed



Average Hourly Volume by Week: Eastbound Glenmore Trail (Weekday Average)

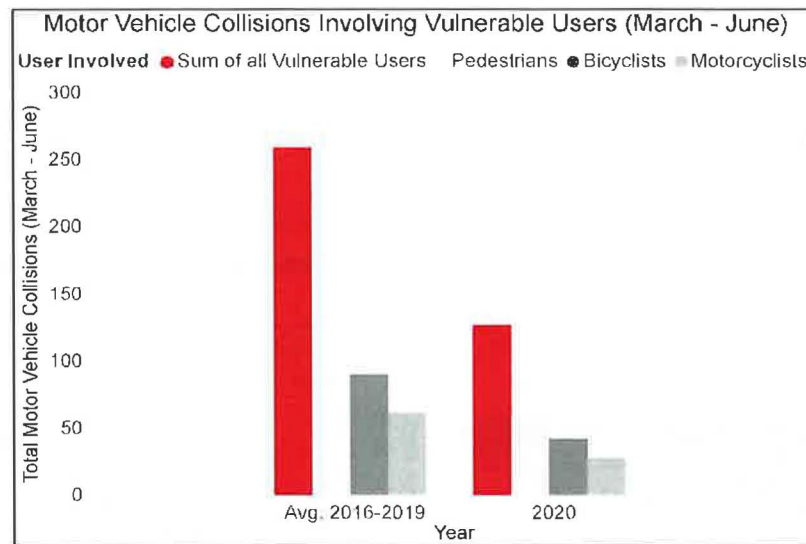
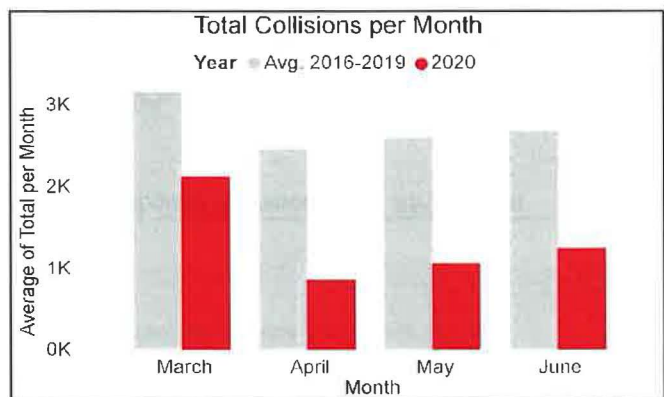


Data Source:  
City of Calgary Permanent count stations. City of Calgary -  
Transportation Planning ([www.calgary.ca/caltracs](http://www.calgary.ca/caltracs))

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March 2020 - June 2020:  
Fewer motor vehicle collisions  
compared to historical averages.



**Collisions Severity (% of All Motor Vehicle Collisions March-June)**



**Data Source:**

City of Calgary obtained this data from Alberta Transportation's (Government of Alberta) eCollisions database (extracted on Sept 1, 2020)

NOTE: Collision data stored in this database may be incomplete on the date of extraction as processing and legal action may delay entry of some records.

