

Calgary



# TT2020-1176 Mobility Trends in Calgary COVID-19 Transportation System Monitoring

Presentation to SPC on Transportation and Transit – October 21, 2020  
Ryan Vanderputten, Director Transportation Planning

CITY OF CALGARY  
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IN COUNCIL CHAMBER

OCT 21 2020

ITEM

TT2020-1176  
Ryan

CITY CLERK'S DEPARTMENT

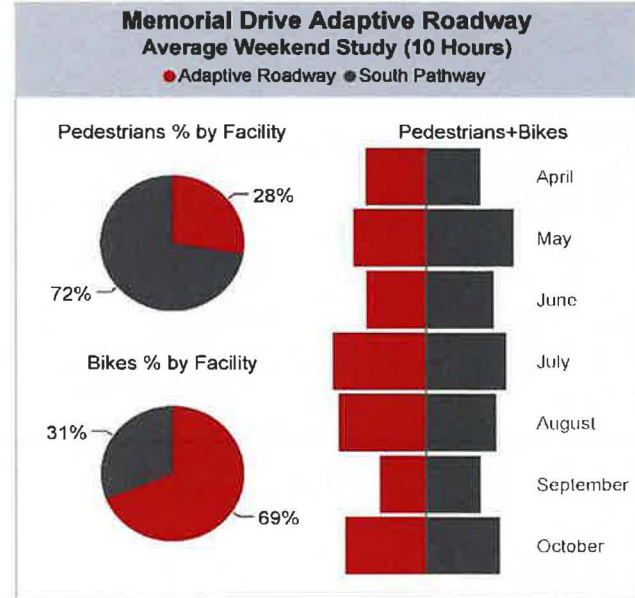
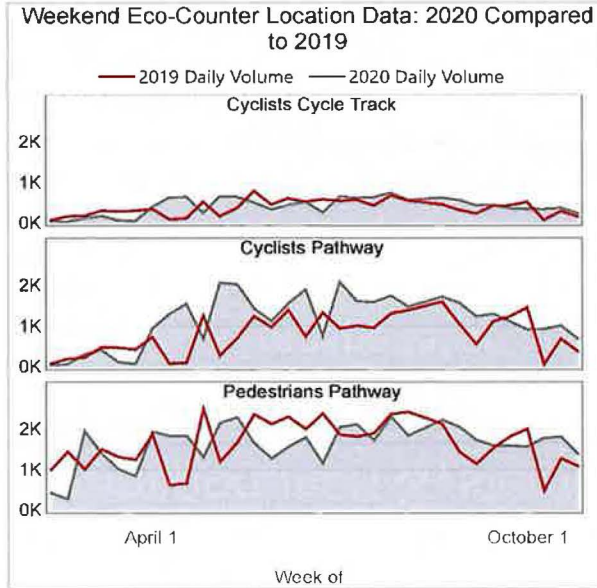




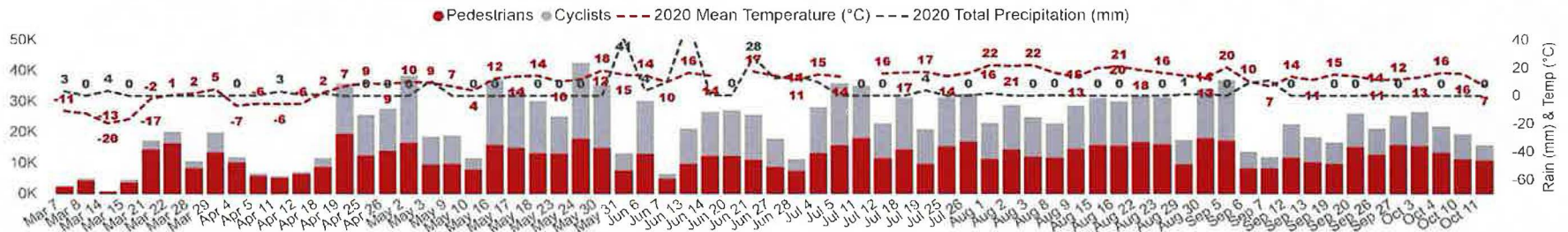
**e-Scooters**  
**(May 22 - Oct. 12)**  
 Total 2020 e-Scooter trips  
**936,552**  
 Average trip distance:  
**1.59 km**

% of e-Scooter Trips Originating in District  
 (May 22 - Oct. 12)

Beltline	28%
Downtown Commercial Core	19%
Other	17%
Eau Claire	10%
Chinatown	6%
Downtown East Village	5%
Sunnyside	4%
Cliff Bungalow	3%
Hillhurst	3%
Inglewood	3%
Mission	3%



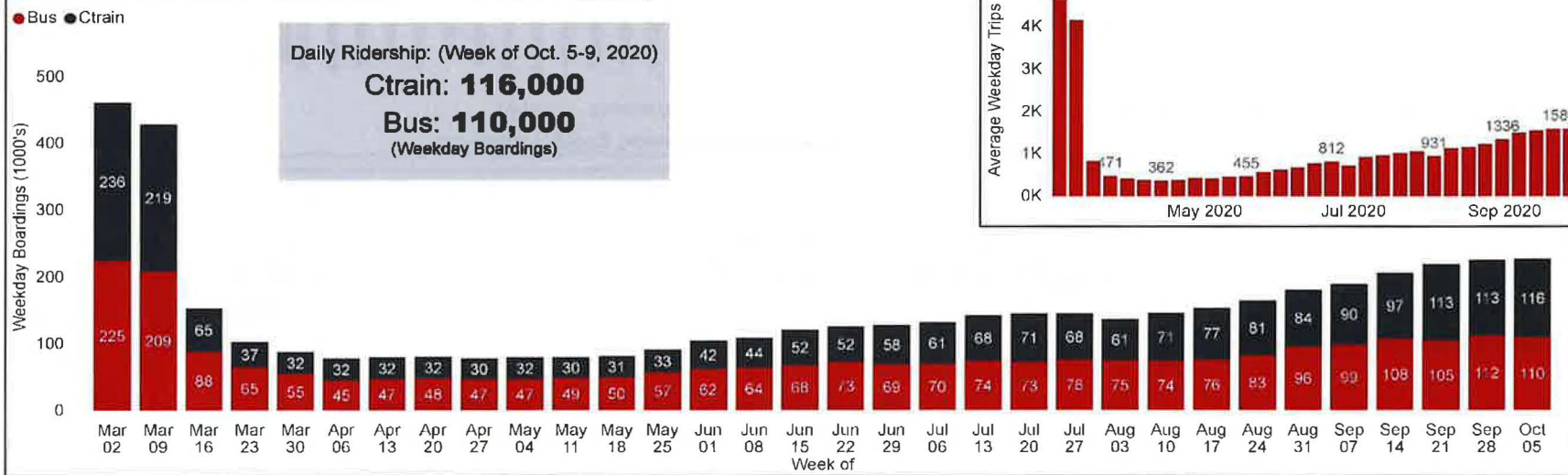
Weekend Pathway Volume + Precipitation & Mean Temperature [Average from several Eco-Counters]



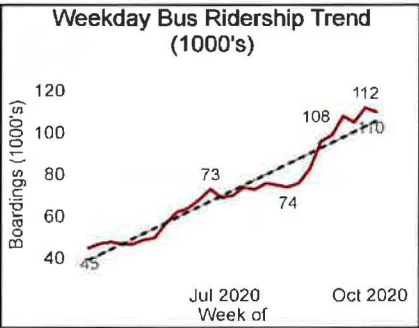
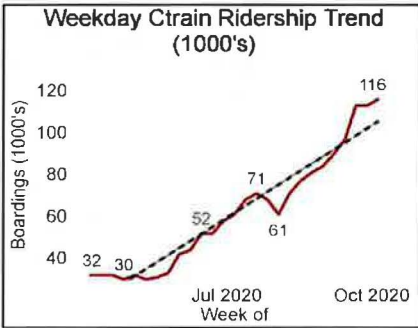
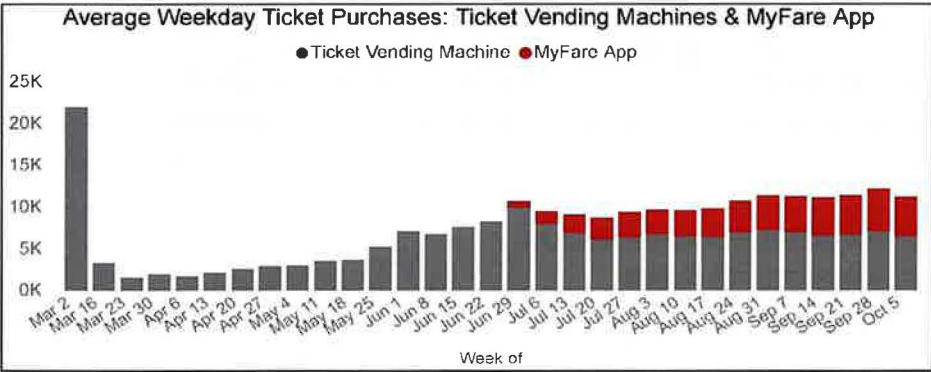
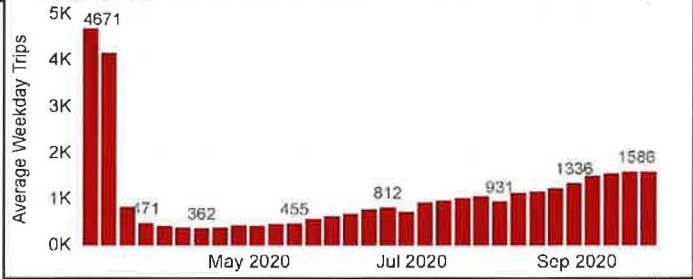
Data Sources:  
 e-Scooter trips: City of Calgary -Transportation Planning ([www.calgary.ca/scootersshare](http://www.calgary.ca/scootersshare))  
 Eco-Counter pedestrian & bike volume: Eco-counter stations owned by City of Calgary Parks and Transportation Departments ([www.eco-public.com/ParcPublic?d=4190](http://www.eco-public.com/ParcPublic?d=4190))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



Calgary Transit Average Weekday Bus & Ctrain Boardings (1000's)



Calgary Transit Access Average Weekday Shared Ride Trips



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



Taxi & Rideshare Trips  
 Oct. 4-10, 2020  
**52%**  
 of 2019 trips

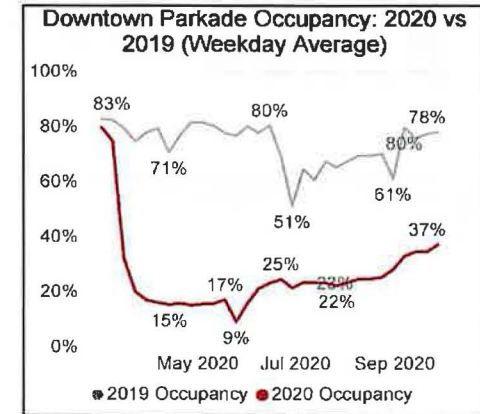
Surface Lot Parking  
 Sept. 28- Oct. 2, 2020

**60%**  
 of 2019  
 Transactions



On Street Parking  
 Sept. 28- Oct. 2, 2020

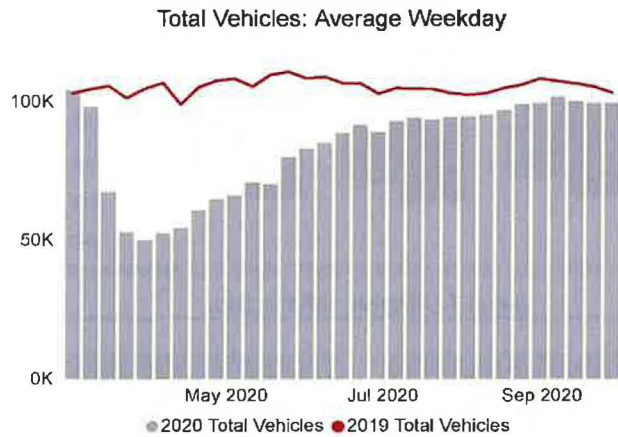
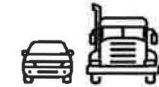
**76%**  
 of 2019  
 Transactions



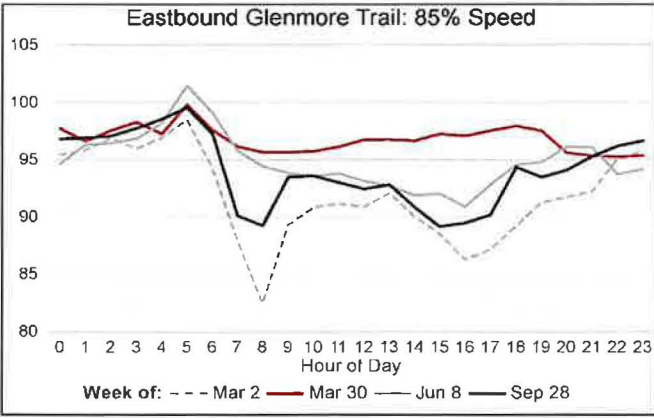
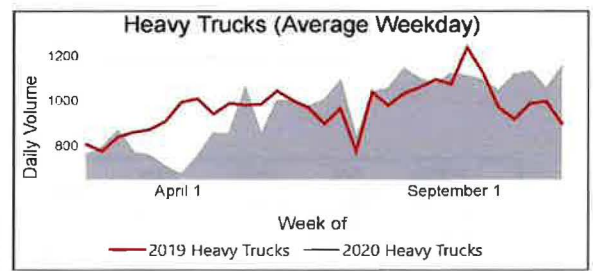
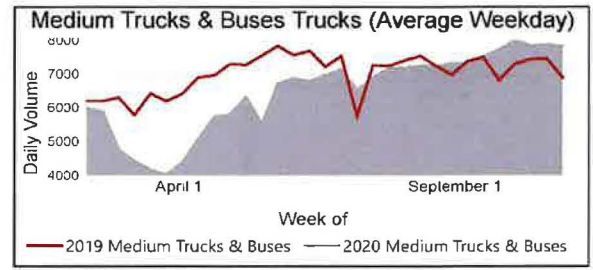
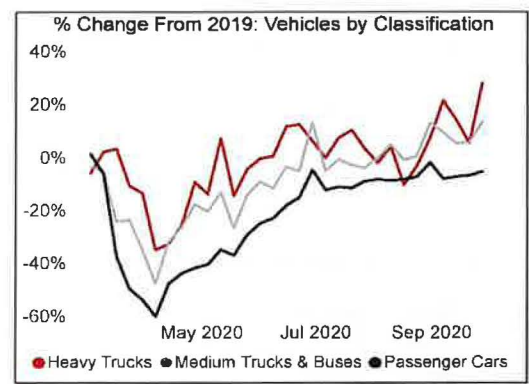
**Data Sources:**  
 Taxi/Rideshare data: City of Calgary, Community Services - Compliance Standards  
 Parking Data: The Calgary Parking Authority



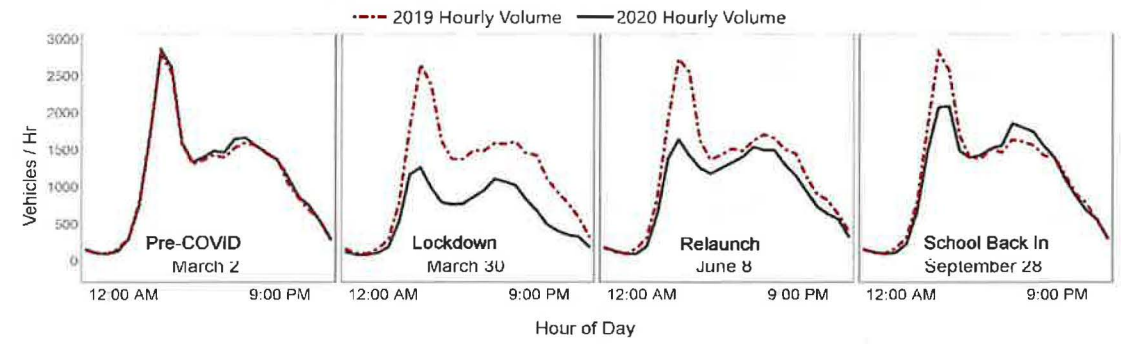
**October 2020**  
**Mobility Trends in Calgary Cars & Trucks**  
 COVID-19 Transportation System Monitoring



Vehicle Volume  
 Sept. 28 - Oct. 4, 2020  
**95%**  
 of 2019 Weekday Volume



**Average Hourly Volume by Week: Westbound McKnight Blvd West of 36 St NE (Weekday Average)**



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



October 2020  
**Mobility Trends in Calgary Air Transport**  
 COVID-19 Transportation System Monitoring

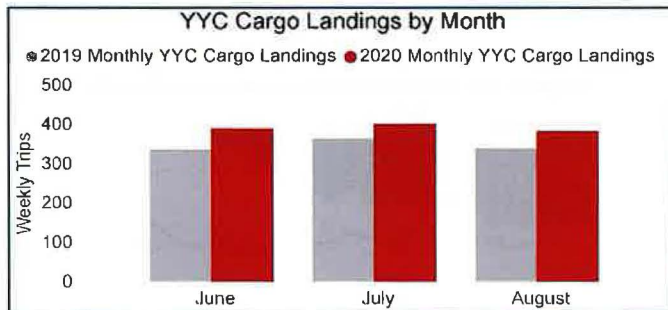
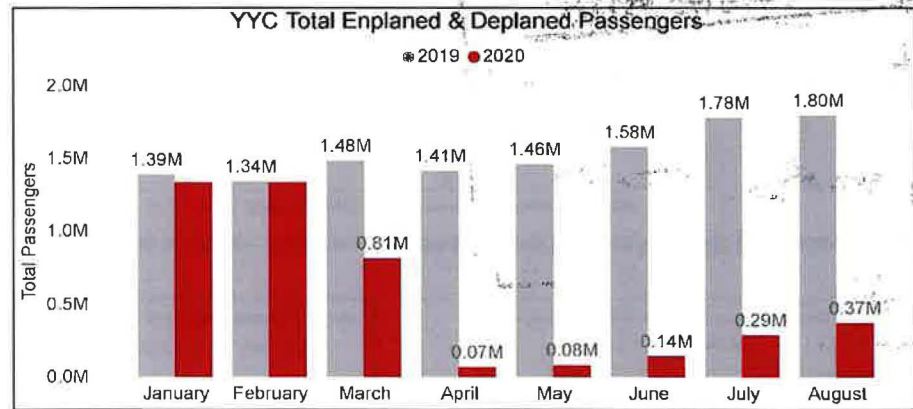
**YYC**

**YYC Calgary International Airport**

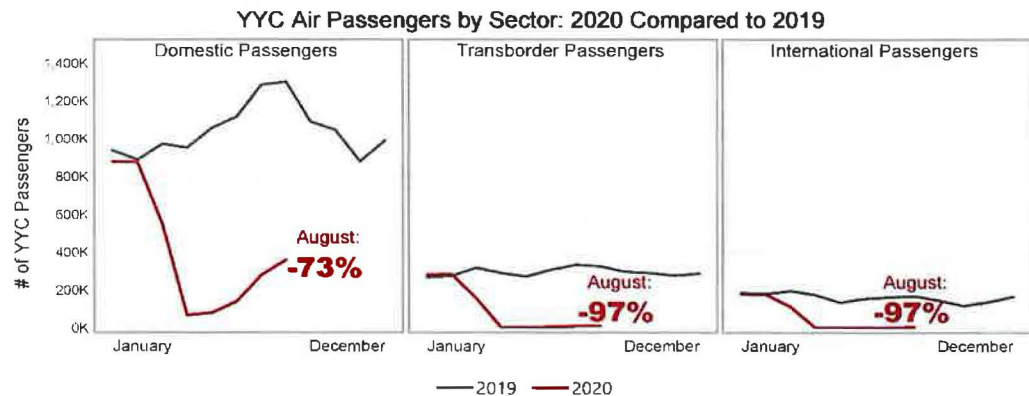
**95% decrease in passengers**  
 during April 2020 due to COVID-19  
 global air travel slowdown  
 (compared to April 2019)

Cargo Landings  
 increased  
**+13%**  
 From August 2019 to  
 August 2020

Air Passengers  
 August, 2020  
**-79%**  
 Compared to  
 August 2019



Month	2019 Cargo Landings	2020 Cargo Landings	% Change
June	336	390	16%
July	364	401	10%
August	339	383	13%



Data Sources:  
 Air Passenger & Air Cargo The Calgary Airport Authority