

Calgary



TT2020-1259 Mobility Trends in Calgary COVID-19 Transportation System Monitoring

Presentation to SPC on Transportation and Transit – November 17, 2020
Ryan Vanderputten, Director Transportation Planning

CITY OF CALGARY
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IN COUNCIL CHAMBER

NOV 17 2020

ITEM 7.1 TT2020-1259

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e-Scooter Trips (May 22 - Oct. 31)

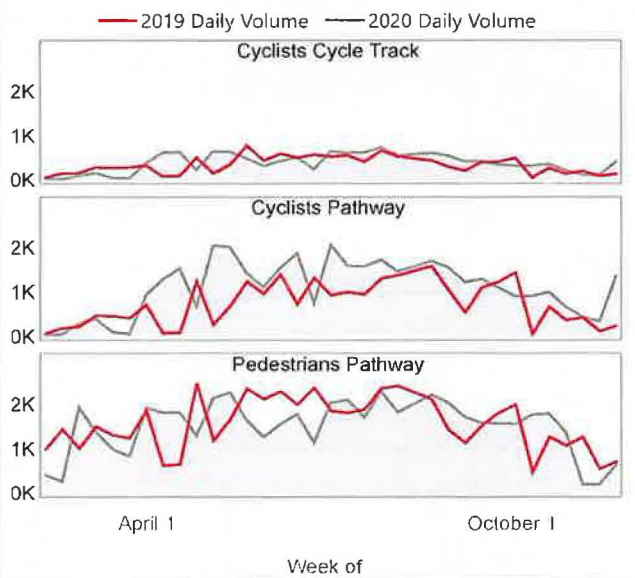
955,783

2020 e-Scooter trial
concluded Oct.31

% of e-Scooter Trips Originating in District (May 22 - Oct. 31)

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 Eco-Counter Location Data: 2020 Compared to 2019



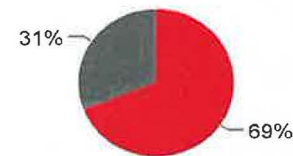
Memorial Drive Adaptive Roadway Average Weekend Study (10 Hours)

● Adaptive Roadway ● South Pathway

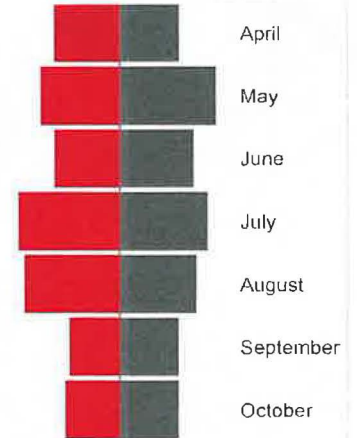
Pedestrians % by Facility



Bikes % by Facility

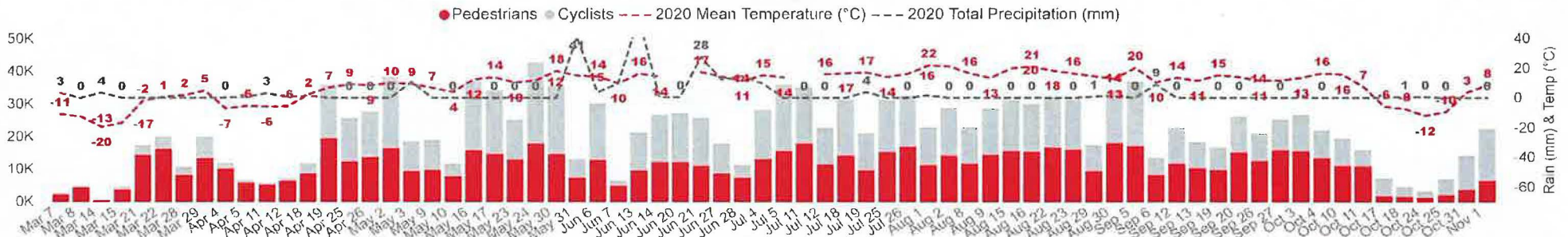


Pedestrians+Bikes



Temporary Adaptive Roadway removed Oct. 13

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



Data Sources:

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

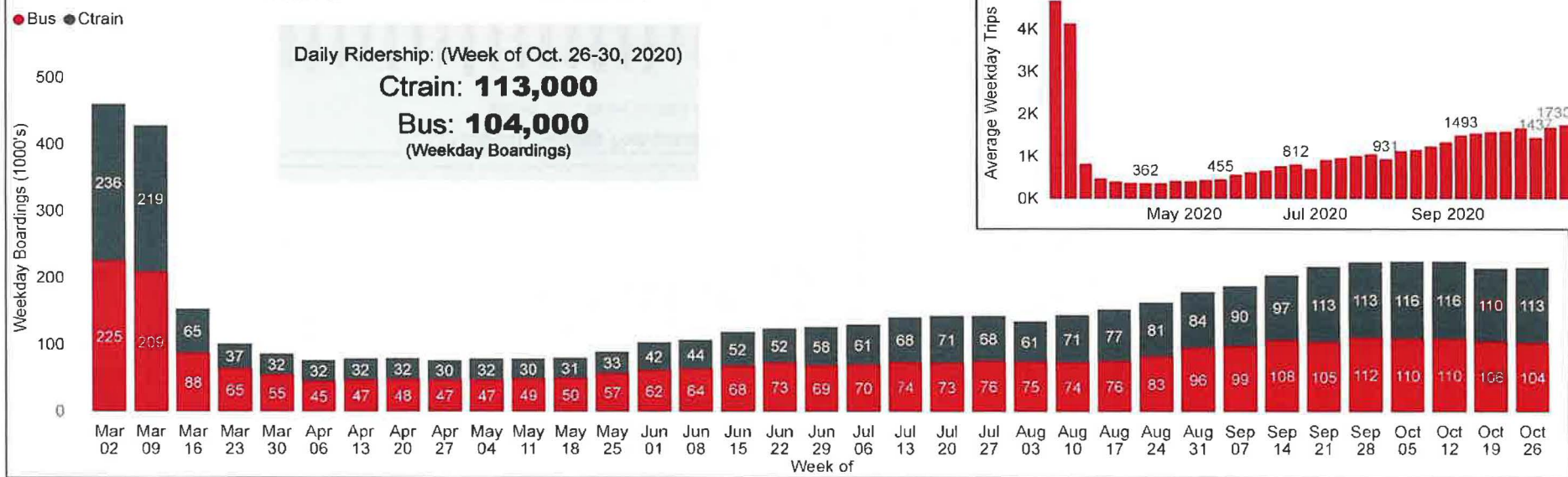
Adaptive Roadway bike and pedestrian counts: Miovision count data (City of Calgary - Transportation Planning)
Weather Information: Environment Canada Website (www.weather.gc.ca)

November 2020 Mobility Trends in Calgary Transit

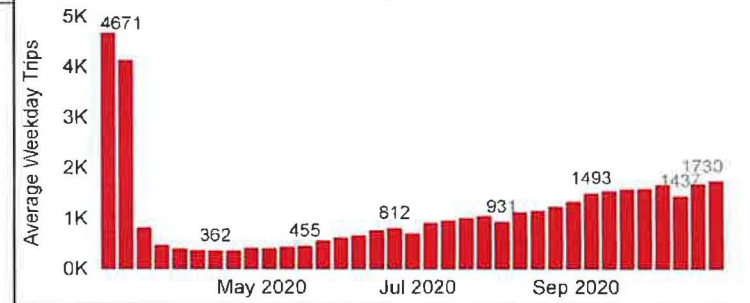
COVID-19 Transportation System Monitoring



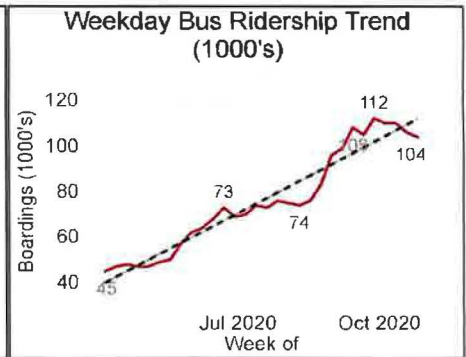
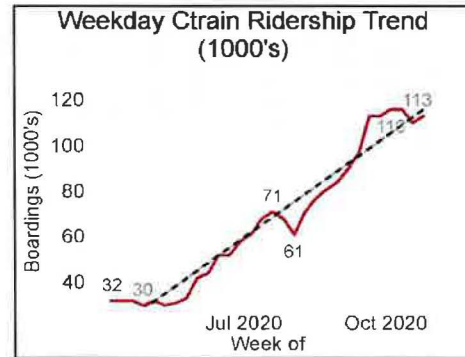
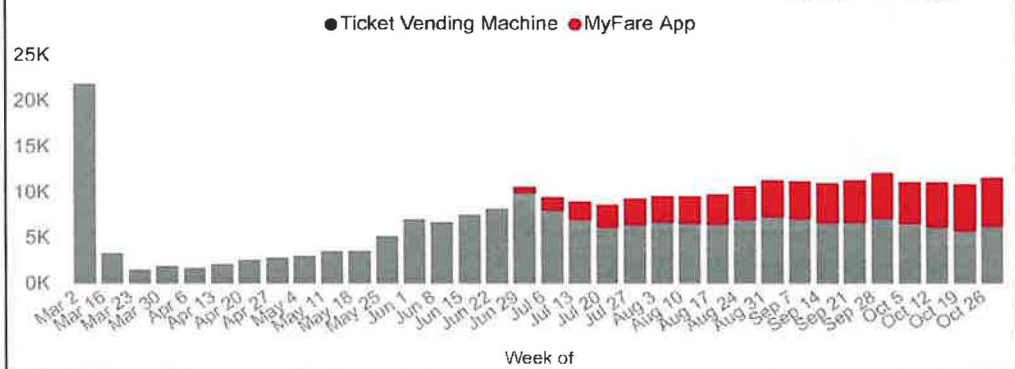
Calgary Transit Average Weekday Bus & Ctrain Boardings (1000's)



Calgary Transit Access Average Weekday Shared Ride Trips



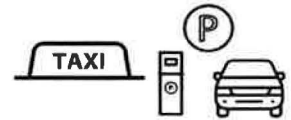
Average Weekday Ticket Purchases: Ticket Vending Machines & MyFare App



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

November 2020 Mobility Trends in Calgary Parking & Rideshare

COVID-19 Transportation System Monitoring

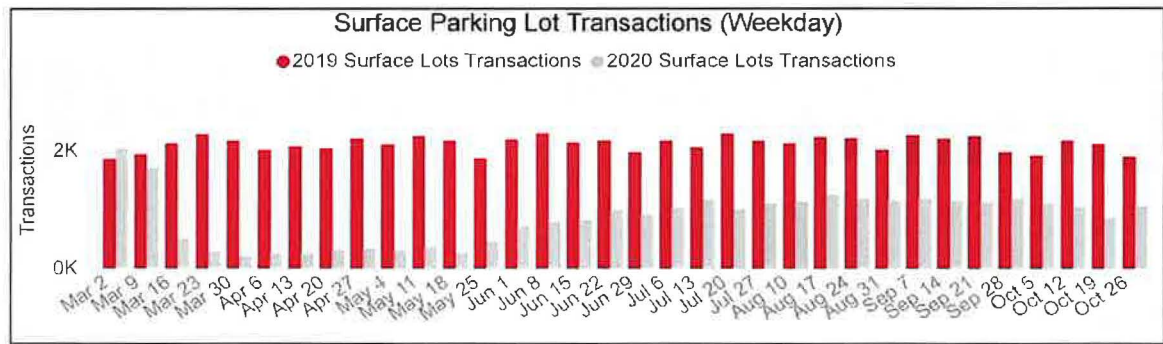


Taxi & Rideshare Trips
Oct. 26-30, 2020

56%
of 2019 trips

Surface Lot Parking
Oct 26-30, 2020

56%
of 2019
Transactions

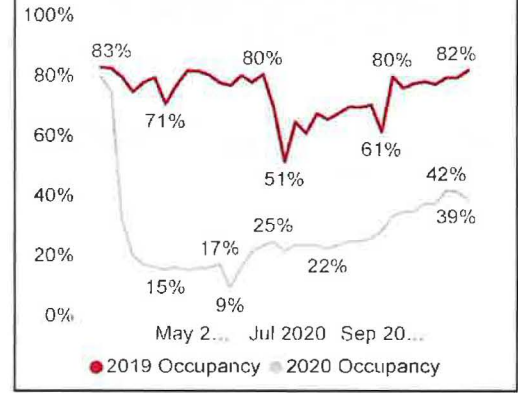


On Street Parking
Oct. 26-30, 2020

76%
of 2019
Transactions



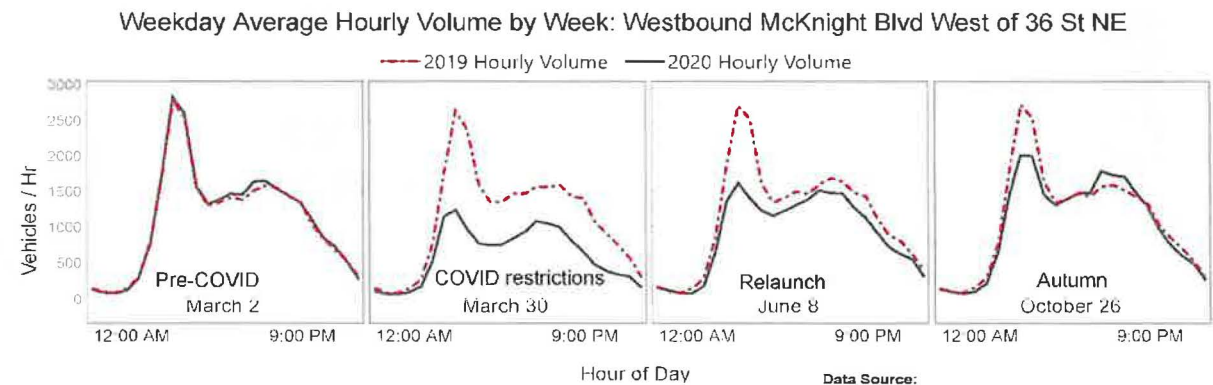
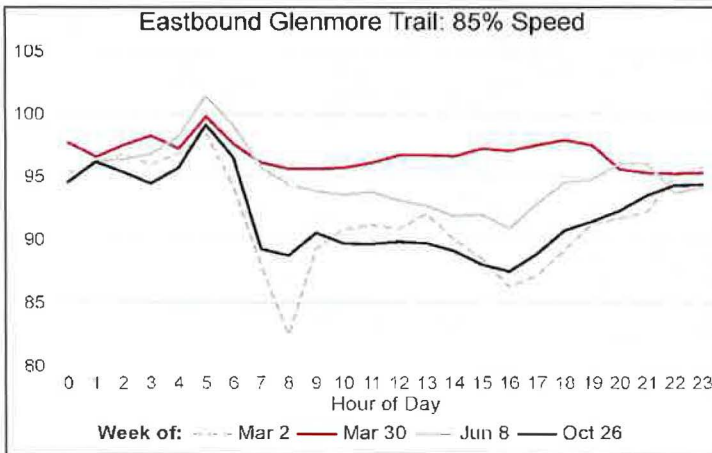
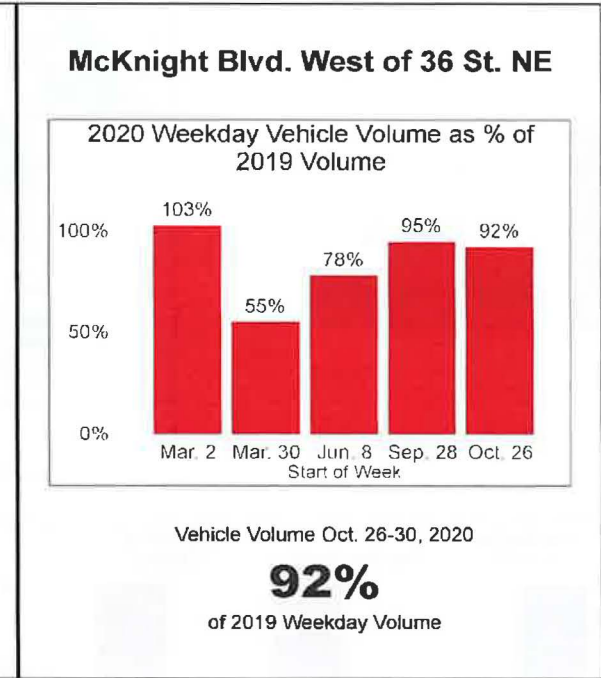
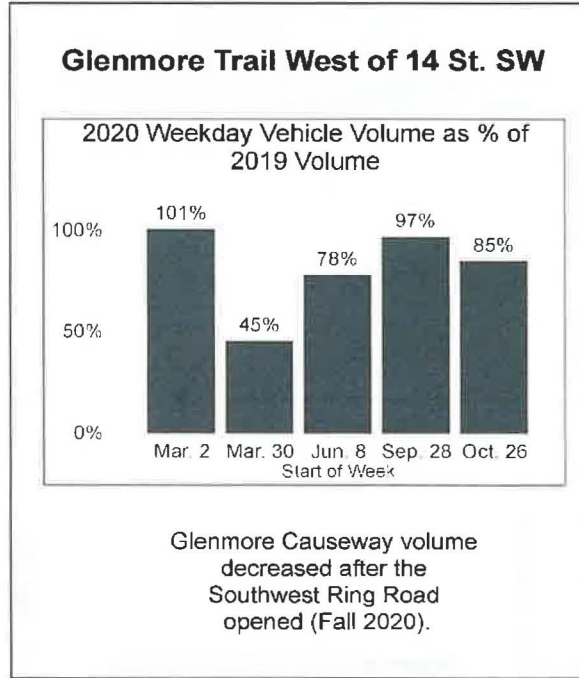
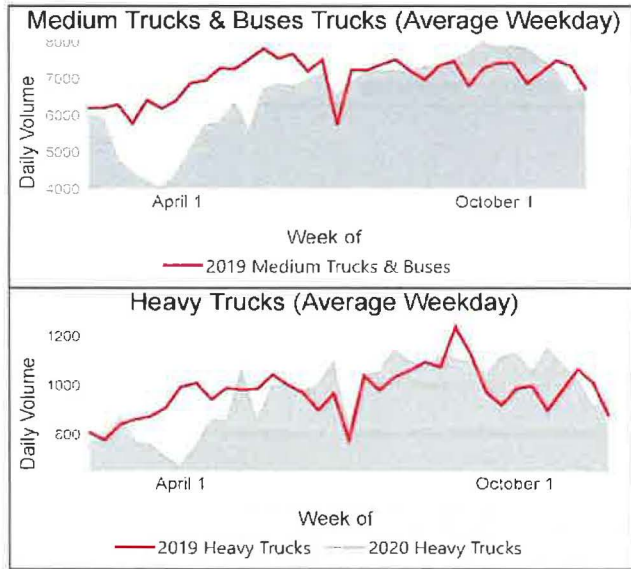
Downtown Parkade Occupancy: 2020 vs 2019 (Weekday Average)



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

November 2020 Mobility Trends in Calgary Cars & Trucks

COVID-19 Transportation System Monitoring



Data Source:
City of Calgary Permanent count stations, City of Calgary - Transportation Planning (www.calgary.ca/catracs)

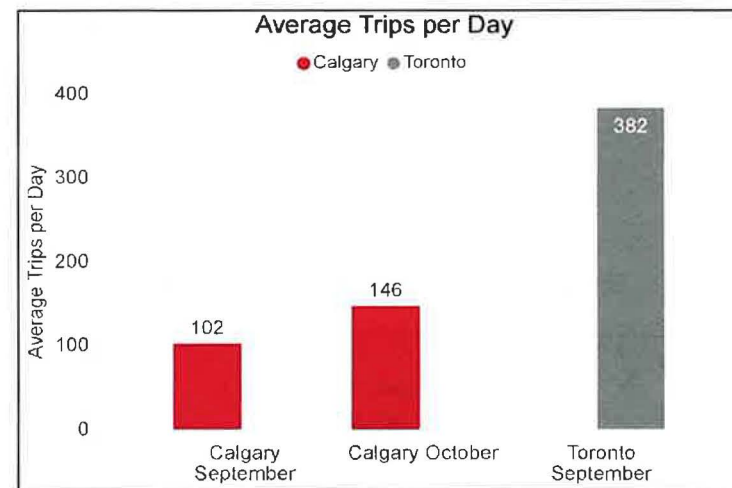


Communauto FLEX

Launched in Calgary

Sept. 19, 2020

alberta.communauto.com



Fleet (Oct. 2020):

- 148 cars
- Kia Rio's (5-Seat)

Operating Area (Oct. 2020):

- 26 Square Km
- 50 Avenue S.W. to 21 Avenue N.W. and 37 Street S.W. to 17 Street S.E.



Total Carshare Trips
5,745
 Sept. 19 2020 - Oct. 31 2020

Attribute	September	October
Number of Vehicle Trips	1218	4527
Average Trip Length (Km)	9	9
Average Trip Duration (Minutes)	41	53
Active Members/ Day	55	80

Data Source:
 Communauto Inc (Alberta Branch)
<https://alberta.communauto.com/> (map and photo)
 2020 Google (map background)