

The word "Calgary" in white sans-serif font on a red rectangular background.

Calgary

A photograph of a large, multi-story stone building with a red-tiled roof and a small dome, likely a historical or municipal building in Calgary.

TT2021-0957 Mobility Trends in Calgary

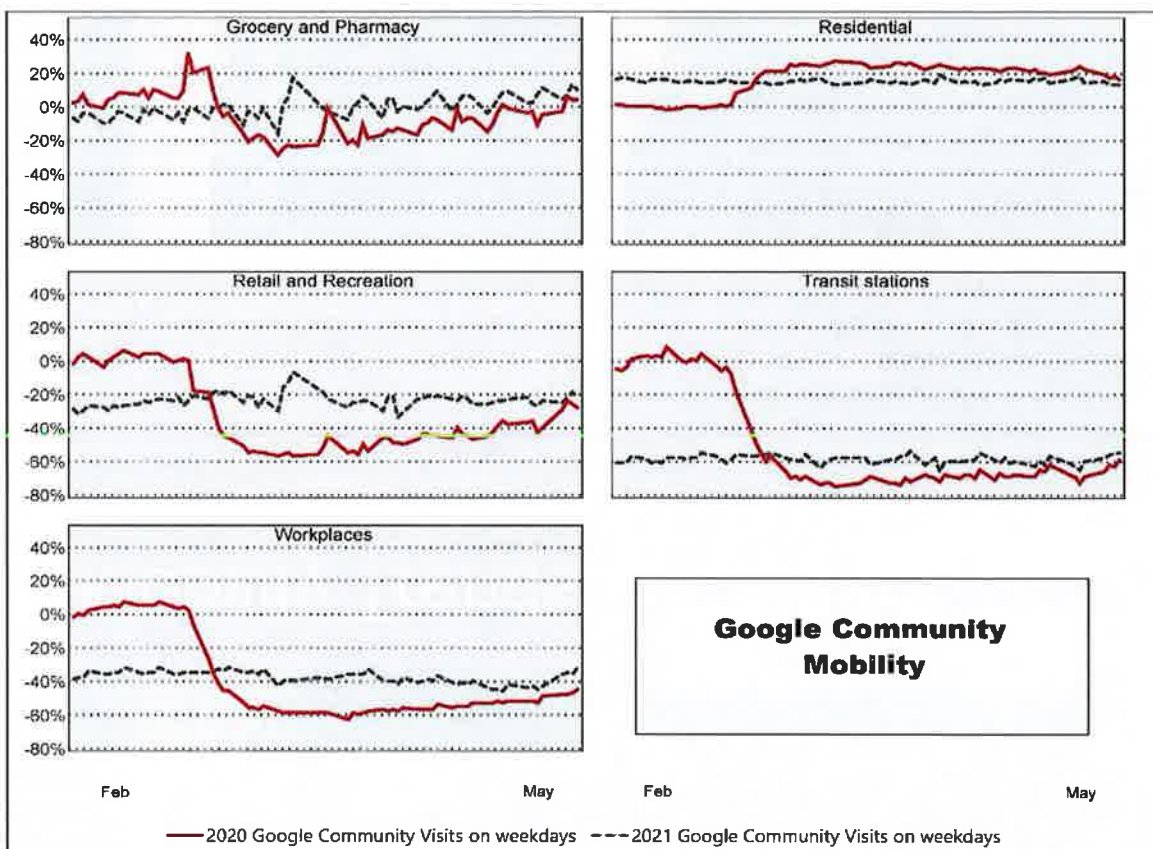
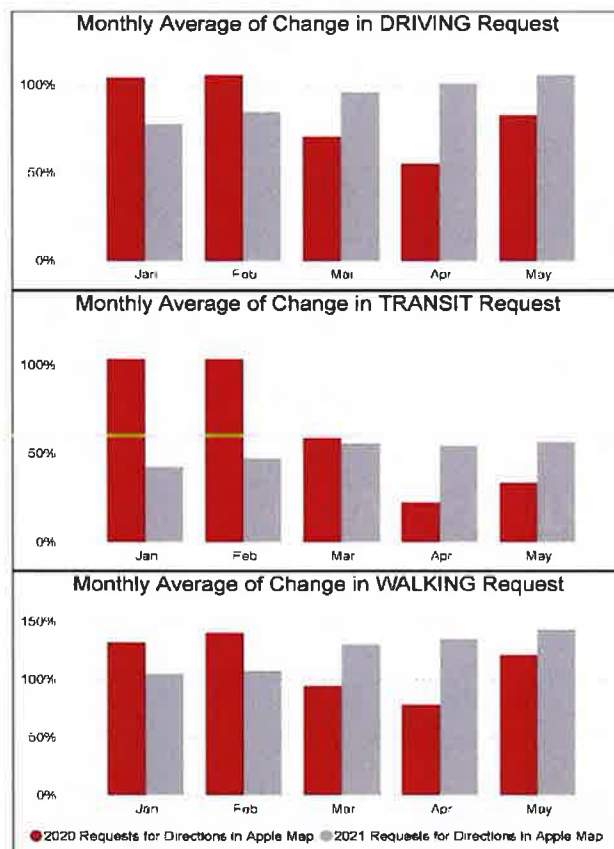
COVID-19 Transportation System Monitoring

Presentation to SPC on Transportation and Transit – June 16, 2021
Ryan Vanderputten, Director Transportation Planning





Big Data providers are publishing COVID-19 Mobility summaries. Here is what Apple and Google are revealing about Calgary:



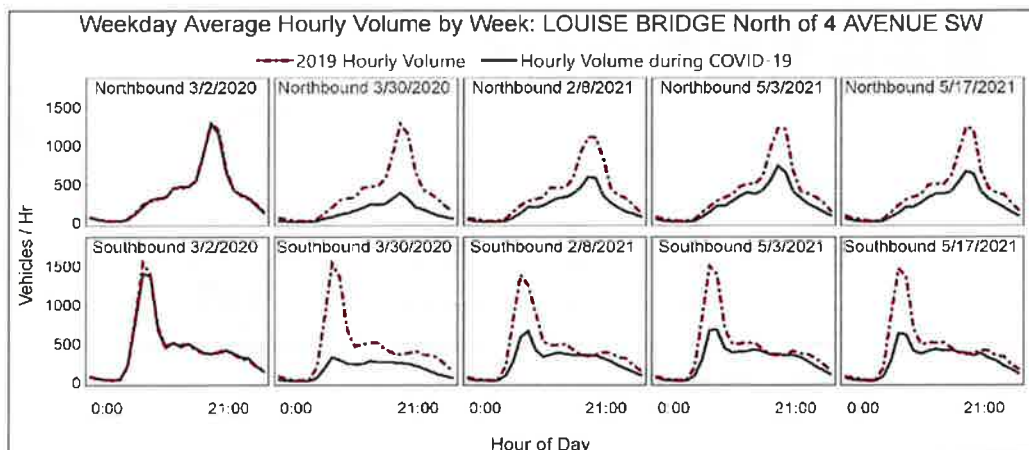
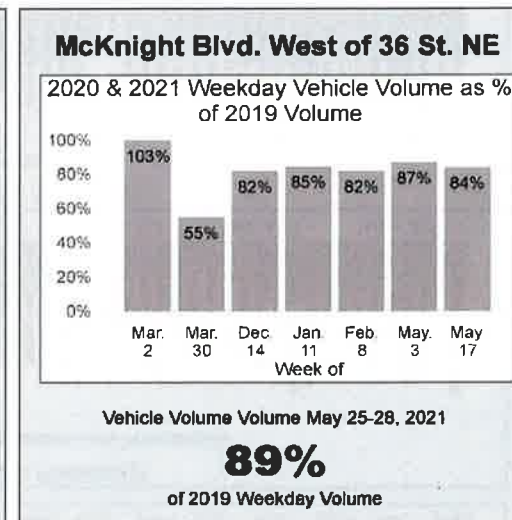
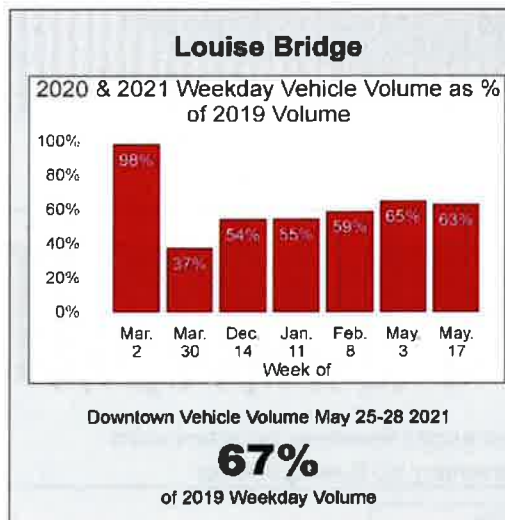
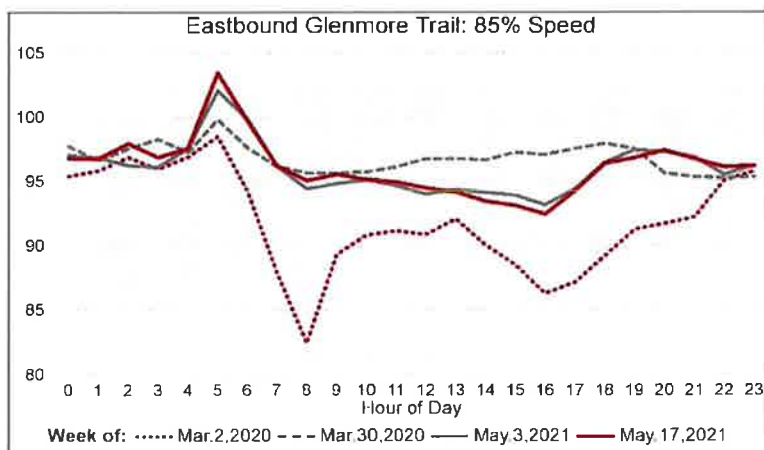
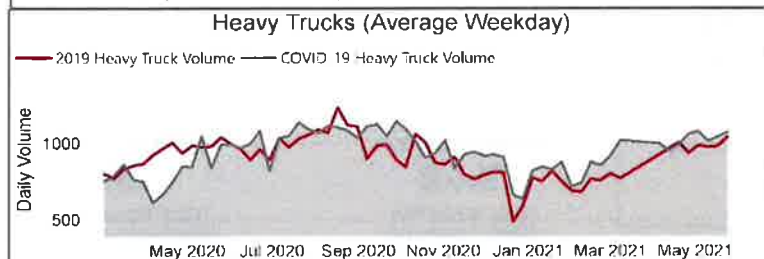
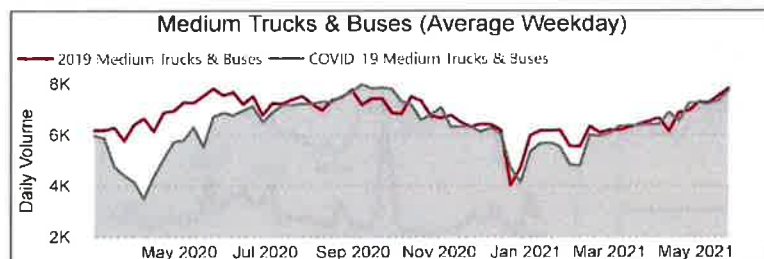
Data Source: www.google.com/covid19/mobility/; covid19.apple.com/mobility

Apple Mobility Baseline - January 13, 2020

Google Mobility Baseline - average value of the day of the week from 5-week period Jan 3 to Feb 9, 2020



Data up to May 31, 2021
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/calltracs)

Transportation System Monitoring During COVID-19 Pandemic | City of Calgary



Data up to May 31, 2021
Mobility Trends in Calgary
 COVID-19 Transportation System Monitoring

Carshare, Parking & Rideshare



Carshare Statistics (Communauto Inc.)

Start Date	Number of Cars in Fleet	Active Members/ Day	Average Trip Length (Km)
Sep 2020	117	55	8.87
Oct 2020	148	80	9.19
Nov 2020	149	97	9.70
Dec 2020	148	87	11.20
Jan 2021	148	88	10.70
Feb 2021	144	89	11.70
Mar 2021	146	118	9.41
Apr 2021	146	113	10.60
May 2021	143	114	10.80

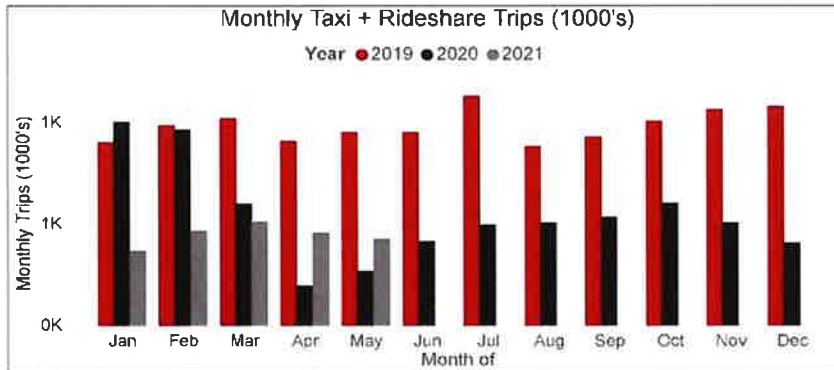
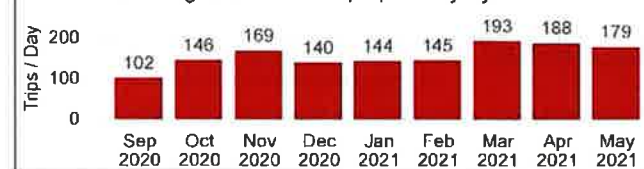
Taxi & Rideshare Trips
 Month of May 2021

45%
 of May 2019 Trips

Total Carshare Trips

40,835
 Sept. 19 2020
 to May 31, 2021

Average Carshare Trips per Day by Month

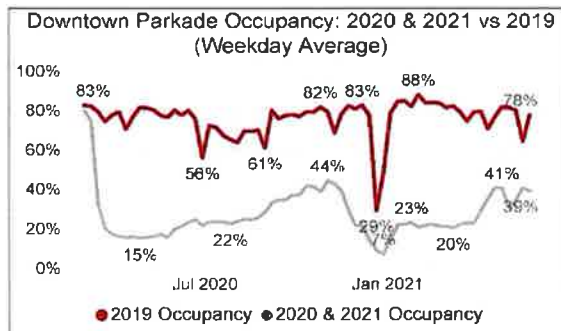


Surface Lot Parking
 May 25-28, 2021

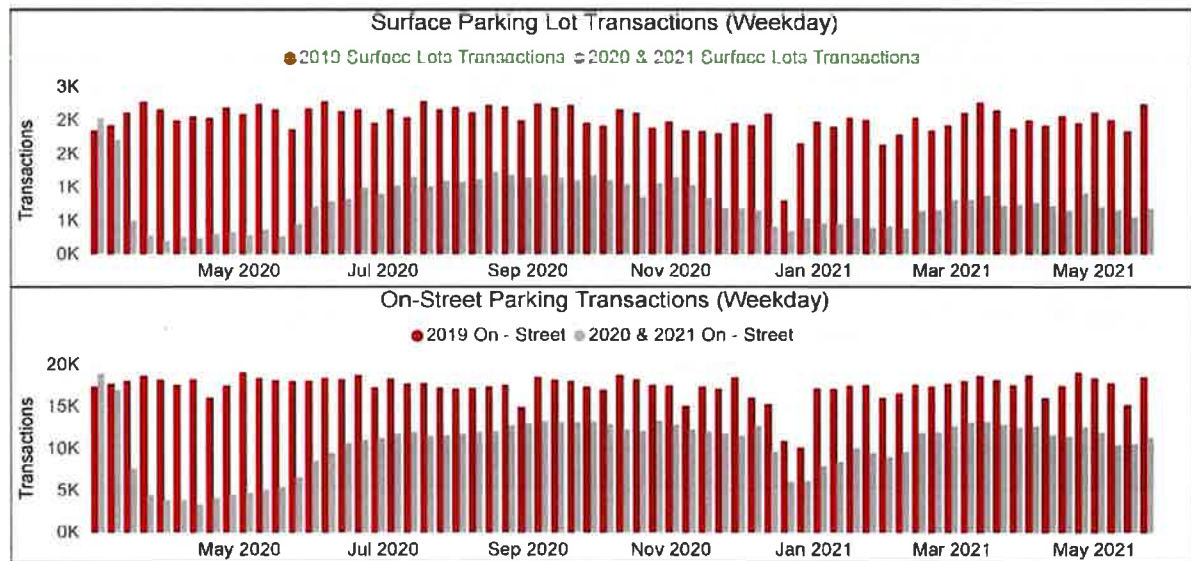
26%
 of 2019 Transactions

On Street Parking
 May 25-28, 2021

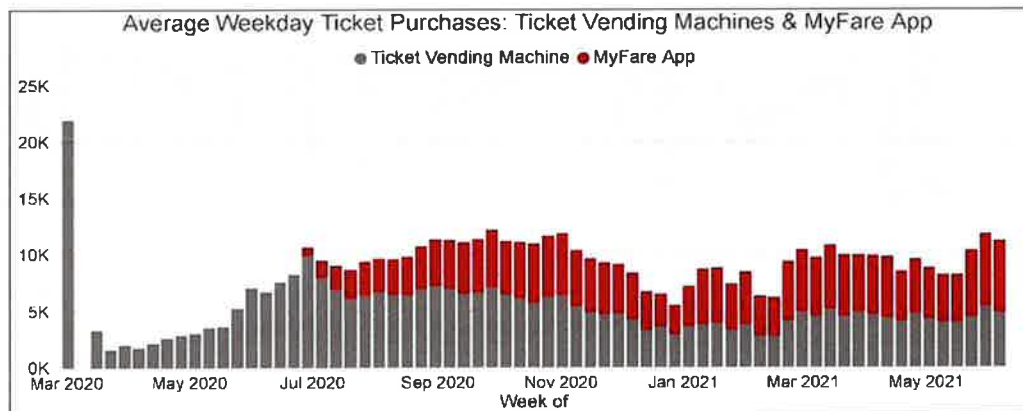
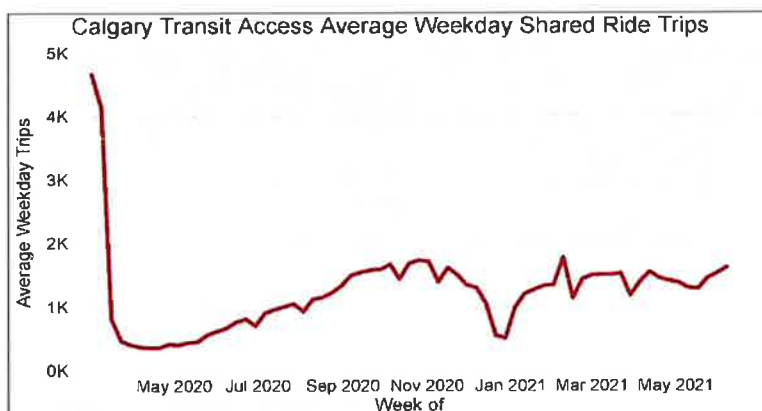
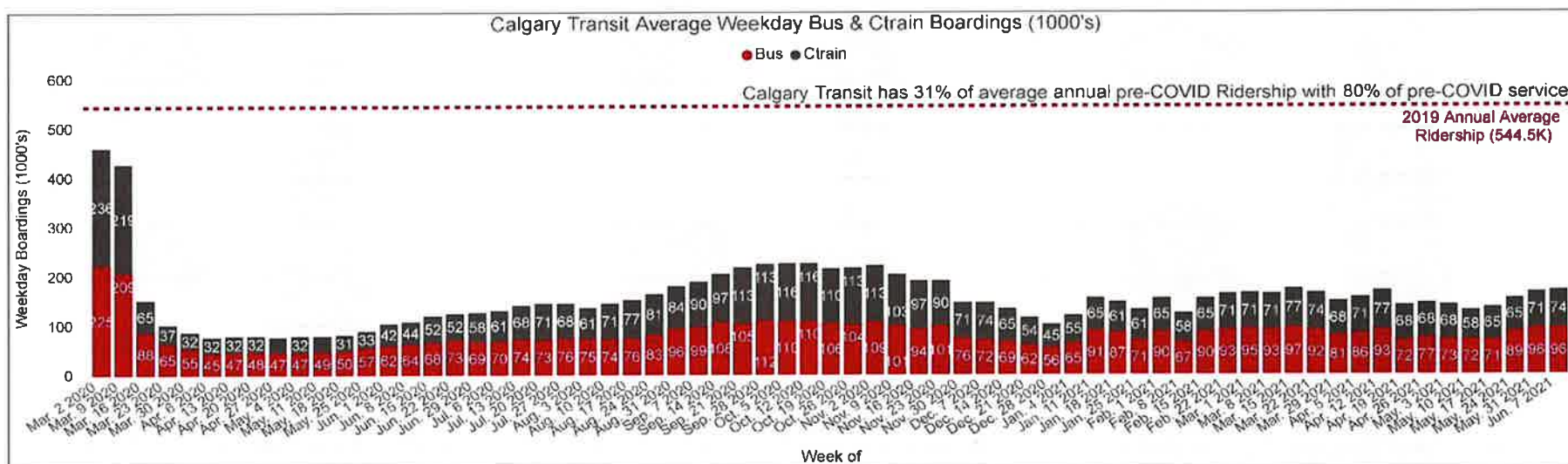
51%
 of 2019 Transactions



Data Sources:
 Taxi/Rideshare data: City of Calgary, Community Services - Compliance Standards
 Parking Data: The Calgary Parking Authority
 Communauto Inc (Alberta Branch) <https://alberta.communauto.com>



Transportation System Monitoring During COVID-19 Pandemic | City of Calgary



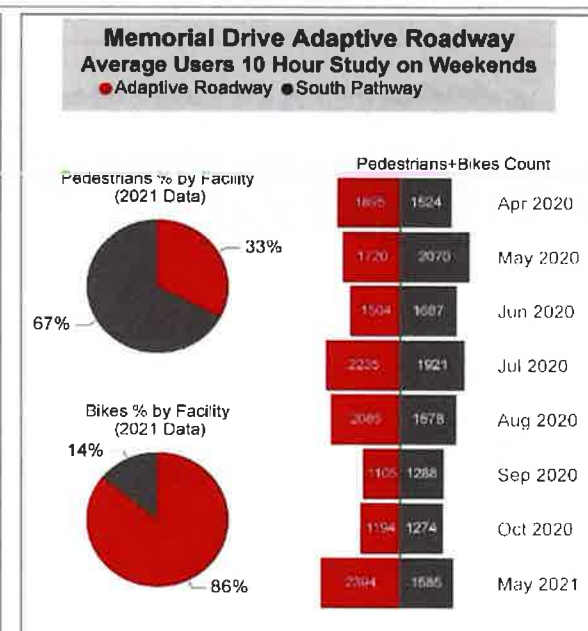
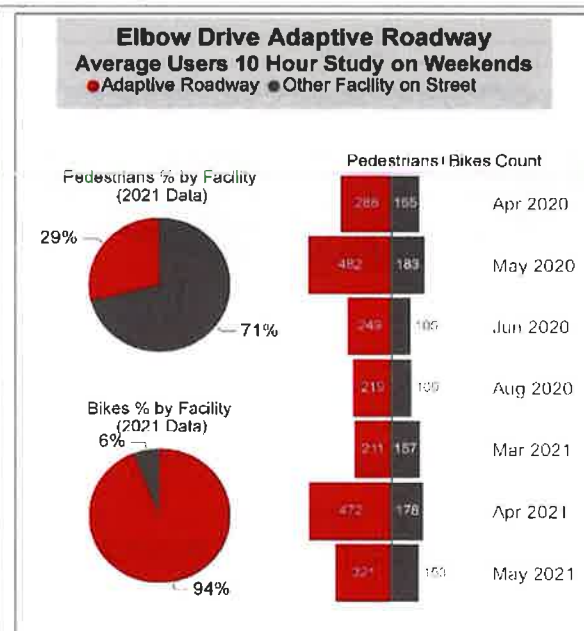
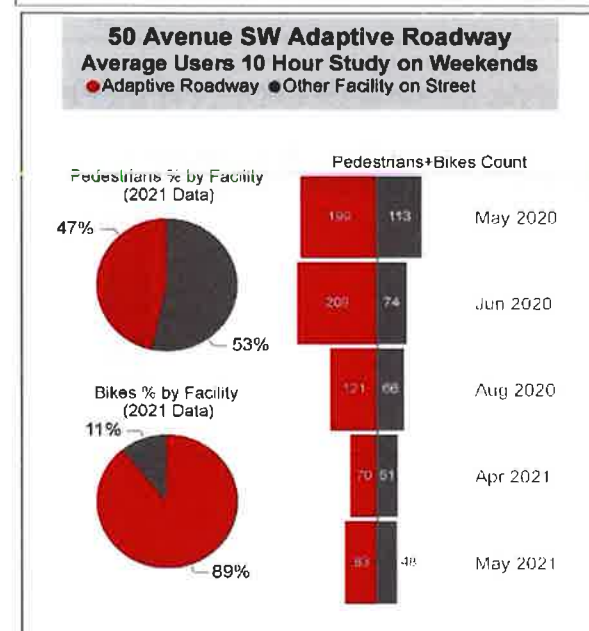
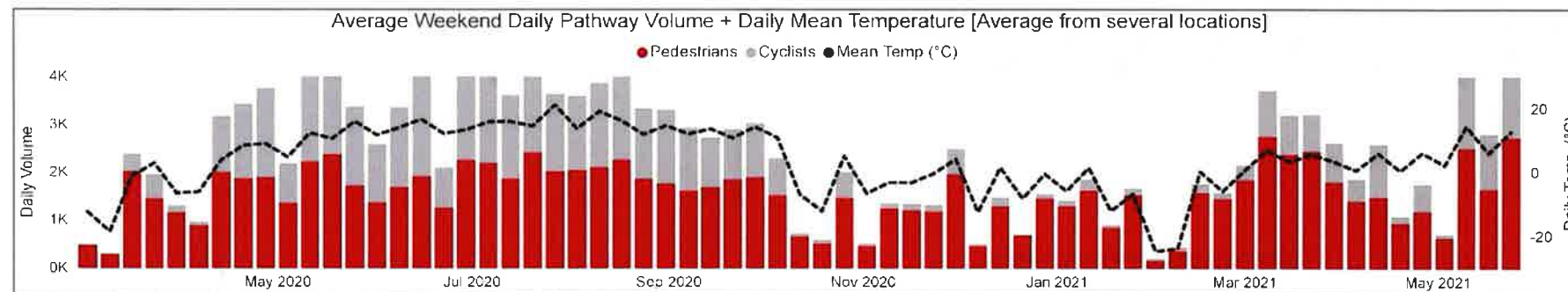
Data Source:
 City of Calgary, Calgary Transit - Transit Data

Transportation System Monitoring During COVID-19 Pandemic | City of Calgary

Data up to May 31, 2021

Mobility Trends in Calgary Active Modes

COVID-19 Transportation System Monitoring



Data Sources:
 Eco-Counter pedestrian & bike volume: Eco-counter stations owned by City of Calgary Parks and Transportation Departments (www.eco-public.com/ParcPublic?Id=4150)
 Weather Information: Environment Canada Website (www.weather.gc.ca)
 Adaptive Roadway bike and pedestrian counts: Microvision count data (City of Calgary - Transportation Planning)

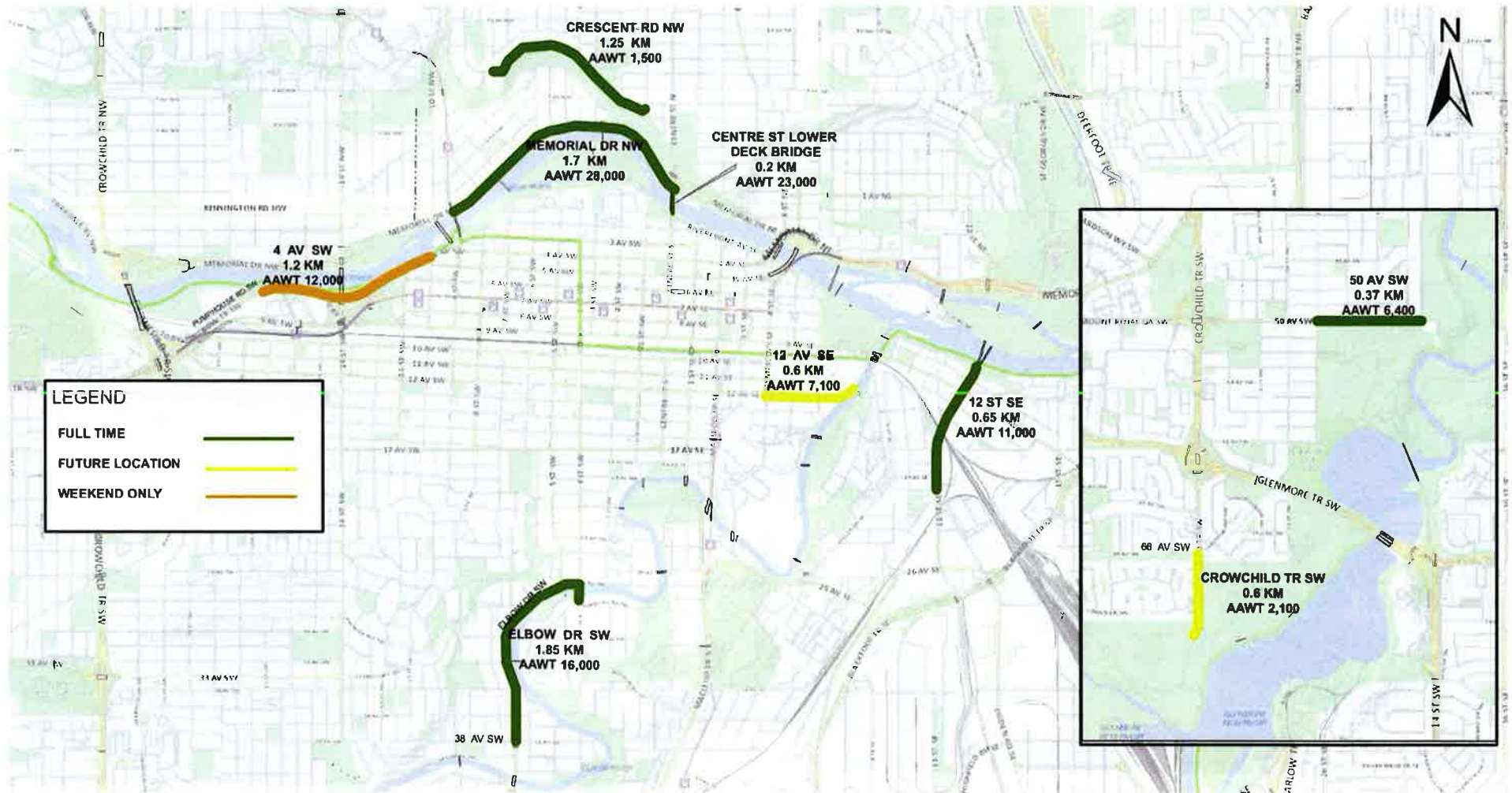
Transportation System Monitoring During COVID-19 Pandemic | City of Calgary

Data up to June 15, 2021

Mobility Trends in Calgary **Active Modes – e-Scooters**



Adaptive Roadway Routes





Adaptive Roadway Route Update

#	Route - Adaptive Roadway (AR)	Annual Average Weekday Traffic	Average Weekend User Count in AR	Average Weekday User Count in AR	Phase 1 Provincial Stage 3	Phase 2 Fall, 2021
1	Memorial Drive (south carriageway)	28,000	4523	937	Weekend Setup Only	Full Removal
	Centre Street Bridge (lower deck all lanes)	8,000	2,866	682		
2	4 Ave Connector (Single Lane) (weekends only)	12,000	76	--	Remove Adaptive Roadway	--
3	Elbow Drive SW (east side curb lane)	16,000	935	339	Remove Adaptive Roadway	--
4	12 Street SE (west side curb lane)	11,000	200	--	No Change - Winter AR Pilot	
5	Crescent Road NW	1,500	300	--	No Change - Winter AR Pilot	
6	50 Ave SW	6,400	407	--	No Change - Winter AR Pilot	

CITY OF CALGARY
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JUN 16 2021

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Distribution
CITY CLERK'S DEPARTMENT