

Urban Mobility and Safety in a COVID-19 World: Adapting to the New Normal



As the COVID-19 pandemic continues to evolve, streets, transportation systems, and public spaces will need to adapt to the new reality both during the pandemic and in the recovery stages. Transoft Solutions is here to help city planners and engineers better manage the upcoming months and the year ahead, by providing data about the new state of your streets and public spaces, to help you adapt accordingly.

HERE ARE SOME WAYS IN WHICH ROADS ARE PREDICTED TO BE IMPACTED



Vehicle Traffic

In the near and medium term, vehicle traffic and road congestion is expected to be reduced.



Public Transit

Public transit peak volumes and hours will change as road user movement begins to pick up.



Pedestrians/Cyclists

Roads, walkways and cycle lanes will need to adapt as people become more dependent on walking and cycling.



Deliveries

The increase in business and residential deliveries, poses the need for better curbside management strategies.

What this Means for City Planners and Engineers

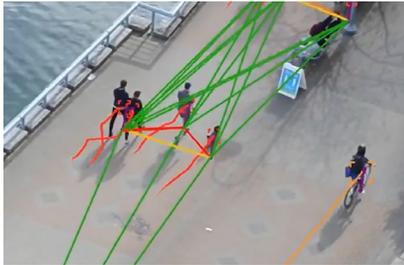
Sidewalks, trails, tracks, public areas, and parks will become critical elements in allowing cities to move forward. The new volumes will require rearrangement of usable spaces to accommodate physical distancing for all road users to travel safely.

Before starting to re-design and accommodate roads to maintain the highest level of safety for vulnerable road users, city planners and engineers will need to collect data about the new demand and modal split.

TRANSOFT SOLUTIONS CAN SUPPORT YOU THROUGH THESE CHANGES



Crowd Counting & Social Distancing



Online access on up to date road user counts, heatmaps, and hotspots help you detect and track frequencies of social distancing offenses.



New Active Mobility Behaviours



Insights about active transportation modes, including pedestrian and cyclist behaviour, instances of jaywalking, and cycle lane usage help you better design public spaces.



Vehicle Speeding



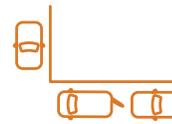
Online video clips for all excess speeding events help you understand what proportion of drivers are exhibiting unsafe behaviours.



Red Light Violations



Up to date dashboard metrics help you monitor trends in vehicle and pedestrian traffic signal violations.



Curbside Management



Datasets detailing counts by road user type, dwell and crossing times help you understand if curbs are being utilized effectively.

Trusted by road safety professionals worldwide

Transoft Solutions (ITS) Inc. delivers solutions that assist transportation engineers and urban planners to quickly and easily collect, monitor and analyze traffic video data. A deeper understanding of traffic flow, road user behaviour, and near-miss patterns allows cities to make smarter traffic infrastructure decisions, improving road safety and mobility for drivers and pedestrians.

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