

curbspace



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FEHR & **PEERS**

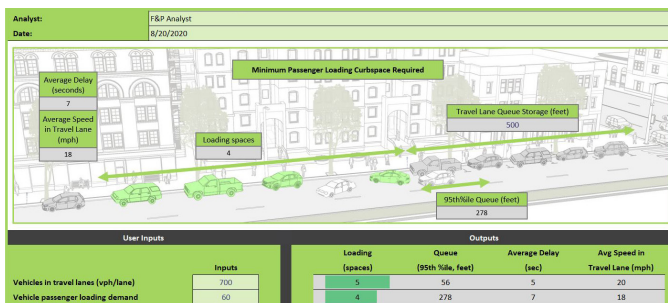
Our custom curb tool allows you to better understand and plan for evolving uses and expectations for the curb.

How It Works

Tailor Your Scenarios

Control land uses, size, and setting in CurbSpace+ to tailor your scenarios and test whatever you are interested in, from a mixed-use building in the suburbs to a residential tower in the urban core. What are the effects of more home deliveries? What about increased use of for-hire passenger vehicles in the future? What's the 'right' size for a passenger loading area? Once you decide, test alternate scenarios to develop outcome ranges.

Features



Passenger Loading Zone Sizer

Determine the amount of passenger loading required, considering demand, roadway volumes, and available curb space. Generate valuable metrics, such as the 95th percentile queue (feet), average delay to drivers, and average speed of vehicles in the adjacent travel lanes.



Loading Demand Calculator

Determine the amount of loading spaces needed to accommodate peak passenger and delivery loading based on land use, size, and setting. Use default trip generation and loading rates derived from multiple robust curb studies or supply your own.

Vehicle Fleet Mix Influences Tool

Determine how different vehicle fleet compositions [privately owned vehicles, for-hire vehicles (taxis/ride-hail), pooled autonomous vehicles, and privately owned autonomous vehicles] affect key project metrics: number of vehicle trips, demand for parking, and demand for the curb.



<https://www.fehrandpeers.com/curbspace/>

CurbSpace+ is powered by real-world observations and analysis. The features were developed using rigorous analytical techniques including empirically-derived predictive equations of passenger and delivery vehicle loading demand and space needs, VISSIM micro-simulation modeling of the curb and adjacent travel lane(s), and accounting for how changes in vehicle fleet mix affect vehicle trips, curb activity, and parking demand.