



Literature Review of Recommendations for the Future of Transit

1. Funding Recommendations

- a. *Maintain flexibility in federal funding programs to support transit operations*
 - i. CityLab - [How U.S. Public Transit Can Survive Coronavirus](#)

2. Transit Operations Recommendations

- a. *Monitor ridership and add buses to increase frequencies along high ridership corridors*
 - i. CNN - [Public Transit During the Reopening: Masked Commuters and Cordoned Off Seats](#)
 - ii. Politico – [Transit Systems Rethink as Riders Flee](#)
 - iii. LA Metro - [COVID-19 Recovery Taskforce](#)
- b. *Skip stops once ridership maximum is reached*
 - i. CNN - [Public Transit During the Reopening: Masked Commuters and Cordoned Off Seats](#)
- c. *Cordon off seats and install barriers*
 - i. CNN - [Public Transit During the Reopening: Masked Commuters and Cordoned Off Seats](#)
 - ii. Politico – [Transit Systems Rethink as Riders Flee](#)
 - iii. A Better City - [COVID 19 and Public Transit](#)
- d. *Make face coverings mandatory for riders*
 - i. CNN - [Public Transit During the Reopening: Masked Commuters and Cordoned Off Seats](#)
 - ii. Politico – [Transit Systems Rethink as Riders Flee](#)
- e. *Require rear-door boarding*
 - i. CNN - [Public Transit During the Reopening: Masked Commuters and Cordoned Off Seats](#)
- f. *Improve and update ventilation systems to improve airflow and reduce transmission risk*
 - i. A Better City - [COVID 19 and Public Transit](#)
 - ii. Cambridge Systematics – [How Transit Agencies Recovered From The Last Coronavirus and What it Means for Urban Sustainability](#)
- g. *Reduce fares at off-peak times to spread out commuting times and promote social distancing*
 - i. A Better City - [COVID 19 and Public Transit](#)

- h. *Develop a core transit network plan that identifies priority corridors and needs of transit-dependent riders and essential workers*
 - i. Seamless Bay Area et al. - [Coordinate Service Regionally and Maintain Reliable Access to Assure the Best Use of Limited Resources](#)
 - ii. Bay Area Council and SPUR - [Prioritizing CARES Transit Investment in the Face of COVID-19](#)
 - iii. Politico – [Transit Systems Rethink as Riders Flee](#)
- i. *Allocate higher portions of budgets toward cleaning supplies and campaigns that inform the public of health measures taken.*
 - i. Eno Center - [How Might Personal Transportation Behaviors Change as a Result of COVID-19, and What Does That Mean for Policy?](#)
- j. *Eliminate restrictions that prevent transit agencies from transporting passengers in other service areas*
 - i. Seamless Bay Area et al. - [Coordinate Service Regionally and Maintain Reliable Access to Assure the Best Use of Limited Resources](#)
- k. *Eliminate Transfer Fees - Charge riders only one fare*
 - i. Seamless Bay Area et al. - [Coordinate Service Regionally and Maintain Reliable Access to Assure the Best Use of Limited Resources](#)
- l. *Make transit free for children 12 years of age and under*
 - i. Seamless Bay Area et al. - [Coordinate Service Regionally and Maintain Reliable Access to Assure the Best Use of Limited Resources](#)
- m. *Develop regionally consistent emergency safety standards for workers and riders*
 - i. Seamless Bay Area et al. - [Coordinate Service Regionally and Maintain Reliable Access to Assure the Best Use of Limited Resources](#)

3. Technology Recommendations

- a. *Adopt digital ticketing system/mobile ticket purchases, contactless payments*
 - i. Mass Transit Magazine - [What Will Transit and Mobility Look Like after the COVID-19 Crisis?](#)
 - ii. Traffic Technology - [Making Public Transit More Resilient to Future Pandemics](#)
 - iii. A Better City - [COVID 19 and Public Transit](#)
 - iv. Politico – [Transit Systems Rethink as Riders Flee](#)
 - v. LA Metro - [COVID-19 Recovery Taskforce](#)

- b. *Adopt new technologically sound cleaning methods such as UV, ozone and cleaning robots*
 - i. LA Metro - [COVID-19 Recovery Taskforce](#)
 - ii. Cambridge Systematics - [How Transit Agencies Recovered From The Last Coronavirus and What it Means for Urban Sustainability](#)
- c. *Adopt pre-trip reservation, voluntary on-board check-ins & contact tracing*
 - i. World Bank - [Protecting public transport from the coronavirus... and from financial collapse](#)
- d. *Modernize & electrify bus fleets*
 - i. Mass Transit Magazine - [California Transportation Agency, city of Sacramento, SacRT launch Wi-Fi bus](#)
 - ii. World Resources Institute - [Safe, More Sustainable Transport in a Post COVID-19 World](#)
- e. *Implement more on-demand service*
 - i. Mass Transit Magazine - [Public transit's "road to recovery" could include more ridesharing partnerships says DePaul study](#)
- f. *Use GTFS to deliver to-the-minute service times*
 - i. Traffic Technology - [Making Public Transit More Resilient to Future Pandemics](#)
- g. *Use passenger counter devices and cameras to restrict passenger loads*
 - i. Traffic Technology - [Making Public Transit More Resilient to Future Pandemics](#)

4. Land-Use Planning Recommendations

- a. *Street closures pedestrians and bicyclists have space. While temporary, this could create demand for permanent street closures*
 - i. Eno Center - [How Might Personal Transportation Behaviors Change as a Result of COVID-19, and What Does That Mean for Policy?](#)
 - ii. LA Metro - [COVID-19 Recovery Task Force](#)
- b. *Implement exclusive or preferred bus lanes, retrofitting existing infrastructure to accommodate more cycling/walking for pedestrians to socially distance.*
 - i. World Resources Institute - [Safe, More Sustainable Transport in a Post COVID-19 World](#)
 - ii. Smart Growth America - [Emergency Stabilization and Economic Recovery Recommendations](#)
 - iii. CityLab - [How U.S. Public Transit Can Survive Coronavirus](#)
 - iv. LA Metro - [COVID-19 Recovery Task Force](#)
 - v. Cambridge Systematics - [How Transit Agencies Recovered From The Last Coronavirus and What it Means for Urban Sustainability](#)
- c. *Institute traffic signal prioritization*
 - i. CityLab - [How U.S. Public Transit Can Survive Coronavirus](#)

- d. *Institute congestion pricing*
 - i. Eno Center – [COVID-19 Lessons for Congestion Pricing](#)
 - ii. CityLab - [How U.S. Public Transit Can Survive Coronavirus](#)
- e. *Relax land-use restrictions, allow for greater mix of mid- and high-rise buildings near transit*
 - i. CityLab - [How U.S. Public Transit Can Survive Coronavirus](#)