

appendix

Bibliography

F

CHAPTER 4

American Public Transit Association (APTA). "Positive Train Control." Accessed August 13, 2018. <http://www.apta.com/resources/hottopics/PTC/Pages/default.aspx>.

California PATH Program Institute of Transportation Studies University of California, Berkeley. "Investigating the Potential Benefits of Broadcasted Signal Phase and Timing (SPaT) Data under IntelliDriveSM. 2011." Accessed January 22, 2019. http://www.cts.virginia.edu/wp-content/uploads/2014/04/PFS_SPAT99_Final.pdf.

Casualty Actuarial Society Automated Vehicles Task Force. "Restating the National Highway Transportation Safety Administration's National Motor Vehicle Crash Causation Survey for Automated Vehicles 2014." *Casualty Actuarial Society E-Forum*, Fall 2014: Volume 1. Accessed January 23, 2019. https://www.casact.org/pubs/forum/14fforum/CAS%20AVTF_Restated_NMVCCS.pdf.

Central Transportation Planning Staff. "Connected and Autonomous Vehicles and the Boston MPO—A First Look." December 2017. Accessed January 22, 2019. http://www.ctps.org/data/pdf/studies/other/Connected_and_Autonomous_Vehicles.pdf.

City of Edmonton. "Metro Line: Fact Sheet—Operations.2015." Accessed January 22, 2019. https://www.edmonton.ca/transportation/Metro_Line_Operations_Fact_Sheet_August_2015.pdf.

Commission on the Future of Transportation in the Commonwealth. "Choices for Stewardship: Recommendations to Meet the Transportation Future." Volume 1: 48. Accessed January 22, 2019. <https://www.mass.gov/files/documents/2019/01/10/FOTCVolume1.pdf>.

Commonwealth of Massachusetts. "Massachusetts 2018 Strategic Highway Safety Plan, 2019." Massachusetts Strategic Highway Safety Plan. Accessed January 22, 2019. https://www.mass.gov/files/documents/2019/01/18/dot_SHSP_2018.pdf.

Durso, Holly and Nickle, Ron. "MBTA Quarterly Safety Report: January 29, 2018 Presentation." Accessed January 22, 2019. <https://cdn.mbta.com/sites/default/files/fmcb-meeting-docs/2018/january/2018-01-29-fmcb-quarterly-safety-report.pdf>.

Federal Transit Administration. "National Public Transportation Safety Plan. 2017." Accessed December 7, 2018. https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/National%20Public%20Transportation%20Safety%20Plan_1.pdf.

Massachusetts Bay Transportation Authority (MBTA) Fiscal Management and Control Board. "MBTA Strategic Plan, 2017." Accessed January 22, 2019. <https://cdn.mbta.com/sites/default/files/fmcb-meeting-docs/reports-policies/2017-mbta-strategic-plan.pdf>.

Massachusetts Department of Transportation. "2015 Top Crash Locations Report. 2018." Accessed December 10, 2018. <https://www.mass.gov/files/documents/2018/05/31/15TopCrashLocationsRpt.pdf>.

Massachusetts Department of Transportation. "2019–23 Capital Investment Plan Update. 2018." Accessed January 22, 2019. <https://www.mass.gov/service-details/capital-investment-plan-cip>.

Massachusetts Department of Transportation. "Top Crash Locations and Maps." Accessed January 22, 2019. <https://www.mass.gov/service-details/top-crash-locations-and-maps>.

Massachusetts Department of Transportation. "Tracker 2017: MassDOT's Annual Performance Report 2017." (Revised March 2018). Accessed December 10, 2018. <https://www.mass.gov/files/documents/2018/04/20/Tracker2017.pdf>.

Massachusetts Department of Transportation. "Tracker 2018: MBTA Performance." Accessed January 22, 2019. <https://massdottracker.com/mbta>.

Meyer, Michael D. "The Role of the Metropolitan Planning Organization (MPO) In Preparing for Security Incidents and Transportation System Response." Accessed December 7, 2018. <https://www.planning.dot.gov/Documents/Securitypaper.htm>.

Nickle, Ron. "Quarterly Safety Report Presentation at the January 29, 2018 MBTA Fiscal Management and Control Board Meeting." Accessed January 22, 2019. <https://www.mbta.com/events/2018-01-29/fiscal-management-control-board-meeting>.

Smith et al. "Benefits Estimation Framework for Automated Vehicle Operations, 2015." Volpe National Transportation Systems Center. August 2015: 13–14. Accessed January 23, 2019. https://rosap.ntl.bts.gov/view/dot/4298/dot_4298_DS1.pdf.

UMassSafe. "Massachusetts Law Enforcement Crash Report Data Dictionary." Accessed December 7, 2018. <http://www.umasstransportationcenter.org/images/umtc/UMassSafe/Massachusetts%20Crash%20Report%20Data%20Dictionary.pdf>.

US Department of Transportation Federal Railroad Administration. "Positive Train Control (PTC) Legislation & Regulations." Accessed August 13, 2018. <https://www.fra.dot.gov/Page/P0564>.

US Department of Transportation Federal Transit Administration. "Fact Sheet: Public Transportation Agency Safety Plans Notice of Proposed Rulemaking (NPRM)." Accessed January 22, 2019. https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/Fact_Sheet_Public_Transportation_Agency_Safety_Plans_Notice_of_Proposed_Rulemaking_NPRM.pdf.

US Department of Transportation Federal Transit Administration. "National Public Transportation Safety Plan 2017." Accessed January 22, 2019. https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/National%20Public%20Transportation%20Safety%20Plan_1.pdf.

US Department of Transportation National Highway Traffic Safety Administration. "Critical Reasons for Crashes Investigated in the National Motor Vehicle Crash Causation Survey." Traffic Safety Facts: Crash Stats. February 2015. Accessed January 22, 2019. <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812115>.

CHAPTER 5

Capital District Transportation Committee. "CDTC Regional Sidewalk Inventory." Accessed May 27, 2019. http://www.cdtcmpo.org/images/bike_ped/CDTC_Regional_Sidewalk_Inventory_Report.pdf.

City of Boston. "Go Boston 2030." Accessed May 27, 2019. <https://www.boston.gov/departments/transportation/go-boston-2030>.

Commission on the Future of Transportation in the Commonwealth. "Choices for Stewardship: Recommendations to Meet the Transportation Future." Volume 1: 33, 57. Accessed January 22, 2019. <https://www.mass.gov/files/documents/2019/01/10/FOTCVolume1.pdf>.

Commonwealth of Massachusetts. "Executive Order 569: Establishing an Integrated Climate Change Strategy for the Commonwealth." September 16, 2016. Accessed May 27, 2019. <https://www.mass.gov/executive-orders/no-569-establishing-an-integrated-climate-change-strategy-for-the-commonwealth>.

Commonwealth of Massachusetts. "Municipal Vulnerability Preparedness." Resilient MA. Accessed May 27, 2019. <http://resilientma.org/mvp#resources>.

Federal Highway Administration. "Tables of Frequently Requested NBI Information." Bridges and Structures. Accessed May 27, 2019. <https://www.fhwa.dot.gov/bridge/britab.cfm>.

Federal Transit Administration. "Circular FTA C 5010.1E: Award Management Requirements." July 16, 2018. Accessed May 27, 2019. <https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/regulations-and-guidance/fta-circulars/58051/5010-1e-circular-award-management-requirements-7-16-18.pdf>.

Federal Transit Administration. "Default Useful Life Benchmark (ULB) Cheat Sheet." October 2016. Accessed May 27, 2019. <https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/FTA%20TAM%20ULB%20Cheat%20Sheet%202016-10-26.pdf>.

Massachusetts Bay Transportation Authority (MBTA) Fiscal Management and Control Board. "Focus40." March 2019. Accessed May 27, 2019. <https://cdn.mbta.com/sites/default/files/fmcb-meeting-docs/reports-policies/2017-mbta-strategic-plan.pdf>.

Massachusetts Bay Transportation Authority (MBTA) Fiscal Management and Control Board. "MBTA Strategic Plan, 2017." Accessed May 27, 2019. <https://cdn.mbta.com/sites/default/files/fmcb-meeting-docs/reports-policies/2017-mbta-strategic-plan.pdf>.

Massachusetts Bay Transportation Authority. "MBTA Transit Asset Management Plan." Accessed May 27, 2019. https://www.ctps.org/data/calendar/pdfs/2019/MPO_0321_MBTA_TAM_Plan_2018.pdf.

Massachusetts Department of Transportation. "2017 Massachusetts Road Inventory Year End Report." March 2018. Accessed May 2019. https://www.mass.gov/files/documents/2019/03/27/2018-ri-ye-final.pdf?_ga=2.248539086.810898134.1559650152-1501544356.1550760522.

Massachusetts Department of Transportation. "MassDOT Fully Accessible Vehicle Guide." April 2018. Accessed May 27, 2019. <https://www.mass.gov/files/documents/2018/06/06/MassDOT%20Fully%20Accessible%20Vehicle%20Guide%20-%20April%202018.pdf>.

Massachusetts Department of Transportation. "Accelerated Bridge Program (ABP) Update." Accessed May 27, 2019. <https://www.mass.gov/service-details/accelerated-bridge-program-abp-update>.

Massachusetts Department of Transportation. "Accelerated Bridge Program: Active Project Listing." September 1, 2018. Accessed May 27, 2019. https://www.mass.gov/files/documents/2018/10/26/activeProjects_090118.pdf.

Massachusetts Department of Transportation. "Annual Report of the Performance and Asset Management Advisory Council." December 2018: 6, 13–14. Accessed May 27, 2019. https://www.mass.gov/files/documents/2019/01/02/2018_PAMAC_AnnualReport.pdf.

Massachusetts Department of Transportation. "Central Artery and Tunnel Pilot Project." Climate Change Resiliency. Accessed May 27, 2019. <https://www.mass.gov/info-details/climate-change-resiliency#central-artery-and-tunnel-pilot-project>.

Massachusetts Department of Transportation. "Massachusetts Pedestrian Transportation Plan." May 2019. Accessed May 27, 2019. <https://massdot.maps.arcgis.com/apps/MapJournal/index.html?appid=96339eb442f94ac7a5a7396a337e60c0>.

Metropolitan Area Planning Council. "Local Access Score by MAPC." Accessed May 27, 2019. <http://localaccess.mapc.org>.

CHAPTER 6

Berrebi, Simon J., Etienne Hans, Nicolas Chiabaut, Jorge A. Laval, Ludovic Leclercq, and Kari E. Watkins. "Comparing bus holding methods with and without real-time predictions." *Transportation Research Part C* 87 (2018): 197–211.

Berrebi, Simon J., Kari E. Watkins, and Jorge Laval. "A real-time bus dispatching policy to minimize passenger wait on a high frequency route." *Transportation Research Part B* 81 (2015): 377–389.

Capital District Transportation Committee. "CDTC's Regional Sidewalk Inventory." (2018) Accessed May 2019. http://www.cdtcmo.org/images/bike_ped/CDTC_Regional_Sidewalk_Inventory_Report.pdf.

Fabian, Joshua. "Improving High-Frequency Transit Reliability: A Case Study of the MBTA Green Line Through Simulation and Field Experiments of Real-Time Control Strategies." Cambridge, MA: Massachusetts Institute of Technology Master's Thesis (2017). Accessed June 5, 2018. https://www.ssti.us/wp/wp-content/uploads/2016/01/TRB_2016_Parking_causality_TRB_compendium.pdf.

Maltzan, David. "Using Real-time Data to Improve Reliability on High-Frequency Transit Services." Cambridge, MA: Massachusetts Institute of Technology Master's Thesis (2015). Accessed June 5, 2018. <https://dspace.mit.edu/handle/1721.1/99541>.

McCahill, Christopher, Norman Garrick, Carol Atkinson-Palombo, and Adam Palinski.

"Effects of Parking Provision on Automobile Use in Cities: Inferring Causality." *Transportation Research Record* 2543 (2016): 159–165.

National Academies of Sciences, Engineering, and Medicine, Transportation Research Board, Transit Cooperative Research Program, Sharon Feigon, and Colin Murphy. "Broadening Understanding of the Interplay Between Public Transit, Shared Mobility, and Personal Automobiles." *TCRP Report 195*. The National Academies Press (2018). Accessed June 5, 2018. <https://www.nap.edu/catalog/24996/broadening-understanding-of-the-interplay-between-public-transit-shared-mobility-and-personal-automobiles>.

National Association of City Transportation Officials. "Bike-share in the U.S., 2017." Accessed June 5, 2018. <https://nacto.org/bike-share-statistics-2017/>.

National Association of City Transportation Officials. *Transit Street Design Guide*. Chicago, IL: Island Press (2016). <https://nacto.org/publication/transit-street-design-guide/>.

Pangilinan, Christopher, Nigel Wilson, and Angela Moore. "Bus Supervision Deployment Strategies and the Use of Real-Time AVL for Improved Bus Service Reliability." Submitted for presentation and publication to the 87th Annual Meeting of the Transportation Research Board January 13–17, 2008.

Shoup, Donald. "Cruising for Parking." *Access Magazine* 30 (Spring 2007): 1–7. Accessed June 5, 2018. <http://shoup.luskin.ucla.edu/wp-content/uploads/sites/2/2015/02/CruisingForParkingAccess.pdf>.

CHAPTER 8

Boston Transportation Department. "Go Boston 2030: Imagining Our Transportation Future." March 2017: 1–224. https://www.boston.gov/sites/default/files/go_boston_2030_-_full_report_to_download.pdf.

Commission on the Future of Transportation in the Commonwealth. "Choices for Stewardship: Recommendations to Meet the Transportation Future." Volume 1. January 2019: 1–74. <https://www.mass.gov/files/documents/2019/01/10/FOTCVolume1.pdf>.

Commonwealth of Massachusetts. "MA GHG Emission Trends." Accessed August 23, 2018. <https://www.mass.gov/service-details/ma-ghg-emission-trends>.

Metropolitan Area Planning Council. "Metro Boston Regional Climate Change Adaptation Strategy Report, 2014." June 30, 2014: 1–120. https://www.boston.gov/sites/default/files/metro_boston_regional_climate_adaptation_strategy_report.pdf

Metropolitan Area Planning Council. "State of Equity in Metro Boston." MAPC Regional Indicators. Accessed December 14, 2018. http://www.regionalindicators.org/topic_areas/7.

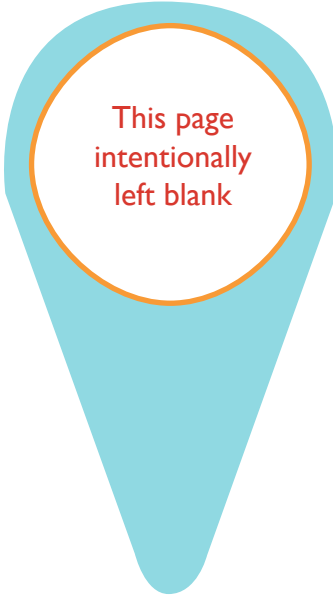
Schlegel, Christina. "Climate Justice for the City of Boston: Visioning Policies and Processes." January 2018: 1–48. <http://michelleforboston.com/wp-content/uploads/2018/02/CJ-Report.pdf>.

US Environmental Protection Agency. "Fast Facts on Transportation Greenhouse Gas Emissions." Green Vehicle Guide. Accessed August 23, 2018. <https://www.epa.gov/greenvehicles/fast-facts-transportation-greenhouse-gas-emissions>.

US Environmental Protection Agency. "Transportation and Climate Change." *Carbon Pollution from Transportation*. Accessed August 23, 2018. <https://www.epa.gov/transportation-air-pollution-and-climate-change/carbon-pollution-transportation>.

US Environmental Protection Agency. "How Mobile Source Pollution Affects Your Health." Accessed August 23, 2018. <https://www.epa.gov/mobile-source-pollution/how-mobile-source-pollution-affects-your-health>.

US Environmental Protection Agency. "Particulate Matter (PM) Basics." Accessed August 23, 2018. <https://www.epa.gov/pm-pollution/particulate-matter-pm-basics>.



This page
intentionally
left blank