

## Regional Pedestrian Safety Action Plan

### Appendix B: Pedestrian Safety Action Plan State of Practice Resources

Note: Not all resources listed were reviewed in detail. Supplemental resources are provided for reference.

MPO	Year (If Listed)	Document (Title)	URL	Highlights Applicable to the Present Study
<b>1. MPO Pedestrian Safety Action Plans</b>				
Atlanta Regional Commission	Approx. 2018 (Not listed)	Safe Streets for Walking and Bicycling	<a href="https://atlantaregional.org/transp-ortation-mobility/bike-ped/bicycle-pedestrian/">https://atlantaregional.org/transp-ortation-mobility/bike-ped/bicycle-pedestrian/</a>	Systemic safety analysis; vision zero
Broward County MPO	2018	Bicycle and Pedestrian Safety Action Plan	<a href="https://www.browardmpo.org/images/WhatWeDo/Bike_Ped_Safety_Action_Plan/Final_Report/Broward_MPO_BPSAP_Report_031518.pdf">https://www.browardmpo.org/images/WhatWeDo/Bike_Ped_Safety_Action_Plan/Final_Report/Broward_MPO_BPSAP_Report_031518.pdf</a>	Land use context; design guidelines
Broward County MPO	2018	Bicycle and Pedestrian Safety Action Plan Appendix: Proposed Action Items	<a href="https://www.browardmpo.org/images/WhatWeDo/Bike_Ped_Safety_Action_Plan/Final_Report/Broward_MPO_BPSAP_Appendices_031518.pdf">https://www.browardmpo.org/images/WhatWeDo/Bike_Ped_Safety_Action_Plan/Final_Report/Broward_MPO_BPSAP_Appendices_031518.pdf</a>	Clear strategic actions
Pinellas County MPO	2009	Pedestrian Safety Action Plan	<a href="https://forwardpinellas.org/wp-content/uploads/2016/08/Pinellas-Pedestrian-Safety-Action-Plan.pdf">https://forwardpinellas.org/wp-content/uploads/2016/08/Pinellas-Pedestrian-Safety-Action-Plan.pdf</a>	Land use context
<b>2. Other Example MPO Safety / Pedestrian-Oriented Plans</b>				
Delaware Valley Regional Planning Commission	2018	Transportation Safety Analysis and Plan	<a href="https://www.dvrpc.org/Products/18021/">https://www.dvrpc.org/Products/18021/</a>	Long-term safety planning
Delaware Valley Regional Planning Commission	2018	Crashes and Communities of Concern in the Greater Philadelphia Region	<a href="https://www.dvrpc.org/Reports/18022.pdf">https://www.dvrpc.org/Reports/18022.pdf</a>	Equity

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Metropolitan Washington Council of Governments	2020	Transportation Planning Board Safety Study Resources and Safety Policy	<a href="https://www.mwcog.org/documents/2020/07/22/tpb-safety-study-resources--safety-policy-federal-performance-measures-highways--roads-traffic-safety/">https://www.mwcog.org/documents/2020/07/22/tpb-safety-study-resources--safety-policy-federal-performance-measures-highways--roads-traffic-safety/</a>	Safety study
Metropolitan Washington Council of Governments	2015	Bicycle and Pedestrian Plan for the National Capital Region	<a href="https://www.mwcog.org/transportation/planning-areas/walking-and-biking/bicycle-pedestrian-plan/">https://www.mwcog.org/transportation/planning-areas/walking-and-biking/bicycle-pedestrian-plan/</a>	Long-range plan, trails
Capital Area MPO (Austin)	2017	2045 Regional Active Transportation Plan	<a href="https://47kzwj6dn1447gy9z7do16an-wpengine.netdna-ssl.com/wp-content/uploads/2018/03/Final-Plan-for-web.pdf">https://47kzwj6dn1447gy9z7do16an-wpengine.netdna-ssl.com/wp-content/uploads/2018/03/Final-Plan-for-web.pdf</a>	Long-term network planning
<b>3. Minnesota State and Local Plans</b>				
City of Minneapolis	2020	Vision Zero Action Plan	<a href="https://www.visionzerompls.com/">https://www.visionzerompls.com/</a>	Minneapolis Vision Zero strategies, High-Injury Network, equity goals
City of Minneapolis	2018	Vision Zero Crash Study	<a href="http://www2.minneapolismn.gov/publicworks/TransportationPlanning/WCMSP-216604">http://www2.minneapolismn.gov/publicworks/TransportationPlanning/WCMSP-216604</a>	
City of Minneapolis	2017	Pedestrian Crash Study	<a href="http://www2.minneapolismn.gov/pedestrian/data/WCMSP-206913">http://www2.minneapolismn.gov/pedestrian/data/WCMSP-206913</a>	Pedestrian high-injury network
City of Saint Paul	2019	Walking Saint Paul (Pedestrian Master Plan)	<a href="https://www.stpaul.gov/departments/public-works/transportation/walking-saint-paul">https://www.stpaul.gov/departments/public-works/transportation/walking-saint-paul</a>	St. Paul pedestrian safety strategies, equity goals
Minnesota Department of Transportation (MnDOT)	Ongoing	Statewide Pedestrian Safety Analysis	NA	Systemic safety, statewide
MnDOT	Ongoing	Minnesota Walks (Pedestrian Plan)	<a href="https://www.dot.state.mn.us/peds/minnesota-walks.html">https://www.dot.state.mn.us/peds/minnesota-walks.html</a>	Statewide pedestrian plan

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MnDOT and Safety Partners	Ongoing	Toward Zero Deaths	<a href="https://www.minnesotatzd.org/">https://www.minnesotatzd.org/</a>	Statewide safety initiative
MnDOT with County Partners	2013-Present	County Roadway Safety Plans	<a href="https://www.dot.state.mn.us/stat_eaid/county-roadway-safety-plans.html">https://www.dot.state.mn.us/stat_eaid/county-roadway-safety-plans.html</a>	County-led pedestrian safety efforts
<b>4. National and International Practices</b>				
New York City	2019	Boroughs Pedestrian Safety Action Plans Update	<a href="https://www1.nyc.gov/html/dot/downloads/pdf/vz-2019-update-city-hall.pdf">https://www1.nyc.gov/html/dot/downloads/pdf/vz-2019-update-city-hall.pdf</a>	World-class vision zero plan. Effective action items and performance measures.
New York City	2020	Identifying Risk and Safe Systems Approach: US DOT Summit on Pedestrian Safety, 2020	<a href="https://cms8.fhwa.dot.gov/sites/fhwa.dot.gov/files/2020-08/USDOT_NtnIPdstrianSftySmmt%20Anne%20Marie%20Doherty_NYCDOT%20July%2015%202020.pdf">https://cms8.fhwa.dot.gov/sites/fhwa.dot.gov/files/2020-08/USDOT_NtnIPdstrianSftySmmt%20Anne%20Marie%20Doherty_NYCDOT%20July%2015%202020.pdf</a>	Systemic pedestrian safety analysis
San Francisco Municipal Transportation Agency (MPO)	2015	Quick and Effective Pedestrian Safety Improvements	<a href="https://www.sfmta.com/sites/default/files/reports-and-documents/2017/09/new_steps_for_ped_safety.pdf">https://www.sfmta.com/sites/default/files/reports-and-documents/2017/09/new_steps_for_ped_safety.pdf</a>	Quick and effective designs
San Francisco (MPO, City, and County Vision Zero partners)	2017	Vision Zero San Francisco: Two Year Action Strategy 2017-2018	<a href="https://www.sfmta.com/sites/default/files/reports-and-documents/2017/12/vision-zero-action-strategy-final.pdf">https://www.sfmta.com/sites/default/files/reports-and-documents/2017/12/vision-zero-action-strategy-final.pdf</a>	World-class vision zero plan. Effective action items and performance measures.
City of Seattle	2016, 2020	Bicycle and Pedestrian Safety Analysis (I and II)	<a href="https://www.seattle.gov/Documents/Departments/beSuperSafe/BicyclePedestrianSafetyAnalysis.pdf">https://www.seattle.gov/Documents/Departments/beSuperSafe/BicyclePedestrianSafetyAnalysis.pdf</a> <a href="https://www.seattle.gov/Documents/Departments/SDOT/VisionZero/SDOT_Bike%20and%20Ped%20Safety%20Analysis_Ph2_2420(0).pdf">https://www.seattle.gov/Documents/Departments/SDOT/VisionZero/SDOT_Bike%20and%20Ped%20Safety%20Analysis_Ph2_2420(0).pdf</a>	Proactive, systemic safety

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City of Austin	2018	City of Austin Pedestrian Safety Action Plan	<a href="https://www.austintexas.gov/sites/default/files/files/Transportation/Pedestrian_Safety_Action_Plan_1-11-18.pdf">https://www.austintexas.gov/sites/default/files/files/Transportation/Pedestrian_Safety_Action_Plan_1-11-18.pdf</a>	Comprehensive Vision Zero plan; bold goals such as developing a Pedestrian Master Plan, funding and constructing pedestrian safety improvements through development review and the CAMPO LRP/TIP.
Copenhagen, Denmark		Traffic Safety Plan	<a href="https://kk.sites.itera.dk/apps/kk_public/pdf/1154_iGUpXeTKoQ.pdf">https://kk.sites.itera.dk/apps/kk_public/pdf/1154_iGUpXeTKoQ.pdf</a>	More comprehensive than most US approaches; focus on reducing the number of potential conflicts between road users.
Copenhagen, Denmark	2018	Green Mobility and Traffic Safety in Copenhagen	<a href="https://transops.s3.amazonaws.com/uploaded_files/2018%20AASHTO%20International%20Day%20-%20Panel%201%20-%20Rasmussen%20-%20City%20of%20Copenhagen.pdf">https://transops.s3.amazonaws.com/uploaded_files/2018%20AASHTO%20International%20Day%20-%20Panel%201%20-%20Rasmussen%20-%20City%20of%20Copenhagen.pdf</a>	More comprehensive than most US approaches; focus on reducing the number of potential conflicts between road users.
Edmonton, Canada	2020	Safe Mobility Strategy	<a href="https://engaged.edmonton.ca/safestreets">https://engaged.edmonton.ca/safestreets</a>	Sustainable mobility, driver behavior, pedestrian perceptions of safety
Montreal, Canada		Vision Zero Action Plan	<a href="https://ville.montreal.qc.ca/visionzero/en/">https://ville.montreal.qc.ca/visionzero/en/</a>	Senior pedestrian safety; pedestrian priority at signals
Smart Growth America	2019	Dangerous by Design	<a href="https://smartgrowthamerica.org/dangerous-by-design/">https://smartgrowthamerica.org/dangerous-by-design/</a>	National scan of pedestrian safety

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US Department of Transportation	2020	Draft Current and Planned U.S. DOT Actions to Enhance Pedestrian Safety,	<a href="https://cms8.fhwa.dot.gov/sites/fhwa.dot.gov/files/2020-07/REPORT_FHWA_PedSafetyActionPlan_Ledger%20Table_508.pdf">https://cms8.fhwa.dot.gov/sites/fhwa.dot.gov/files/2020-07/REPORT_FHWA_PedSafetyActionPlan_Ledger%20Table_508.pdf</a>	National pedestrian safety action plan
<b>5. Research</b>				
Berg and Newmark	2020	Incorporating Equity into Pedestrian Master Plans	<a href="https://journals.sagepub.com/doi/abs/10.1177/0361198120936256">https://journals.sagepub.com/doi/abs/10.1177/0361198120936256</a>	Environmental justice: Equity in pedestrian planning
Morency et al.	2012	Neighborhood Social Inequalities in Road Traffic Injuries: The Influence of Traffic Volume and Road Design	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3483951/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3483951/</a>	Environmental justice: Neighborhood equity, risk factors
Hamann, Peek-Asa, and Butcher	2020	Racial Disparities in Pedestrian-Related Injury Hospitalization in the United States	<a href="https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-020-09513-8">https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-020-09513-8</a>	Environmental justice: Racial equity
Gottsacker	2019	A Pilot Data System and Analytical Framework for Tribal and Rural Community Traffic Safety Equity Assessments	<a href="https://tooledesign1.sharepoint.com/sites/A0140MetCPedSafetyActionPlan/Shared%20Documents/Test%20Internal/digital.lib.washington.edu/researchworks/handle/1773/44116">https://tooledesign1.sharepoint.com/sites/A0140MetCPedSafetyActionPlan/Shared%20Documents/Test%20Internal/digital.lib.washington.edu/researchworks/handle/1773/44116</a>	Environmental justice: Tribal equity
Cottrill and Thakuria	2010	Evaluating pedestrian crashes in areas with high low-income or minority populations	<a href="https://tooledesign1.sharepoint.com/sites/A0140MetCPedSafetyActionPlan/Shared%20Documents/Test%20Internal/sciencedirect.com/science/article/abs/pii/S0001457510001284">https://tooledesign1.sharepoint.com/sites/A0140MetCPedSafetyActionPlan/Shared%20Documents/Test%20Internal/sciencedirect.com/science/article/abs/pii/S0001457510001284</a>	Environmental justice: Racial and income equity

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Marshall and Ferenchak	2020	Quantifying suppressed child pedestrian and bicycle trips	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214367X18300164">https://www.sciencedirect.com/science/article/abs/pii/S2214367X18300164</a>	Environmental justice: Youth equity
Ferenchak, Marshall and Janson	2019	Reassessing Child Pedestrian Mode Choice and Safety via Perceived Parental Risk	<a href="https://trid.trb.org/view/1604425">https://trid.trb.org/view/1604425</a>	Environmental justice: Youth equity
Marshall and Ferenchak	2019	Equity Analysis of Proactively- vs. Reactively-Identified Traffic Safety Issues	<a href="https://journals.sagepub.com/doi/abs/10.1177/0361198119841296">https://journals.sagepub.com/doi/abs/10.1177/0361198119841296</a>	Systemic safety, proactive approaches
Kravetz and Nolan	2012	Spatial Analysis of Income Disparities in Pedestrian Safety in Northern New Jersey: Is There an Environmental Justice Issue?	<a href="https://journals.sagepub.com/doi/10.3141/2320-02">https://journals.sagepub.com/doi/10.3141/2320-02</a>	Environmental justice: Income equity
Coughenour et al	2017	Examining racial bias as a potential factor in pedestrian crashes	<a href="https://www.sciencedirect.com/science/article/abs/pii/S000145751630361X?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S000145751630361X?via%3Dihub</a>	Environmental justice: Racial equity
Rothman et al	2018	Pedestrian Risk and Social Equity: The Spatial Distribution of Roadway Environment Features in Toronto, Canada	<a href="https://trid.trb.org/view/1496681">https://trid.trb.org/view/1496681</a>	Environmental justice: Social equity and environmental factors
Lindsey et al	2019	Pedestrian and Bicycle Crash Risk and Equity: Implications for Street Improvement Projects	<a href="https://conservancy.umn.edu/handle/11299/203635">https://conservancy.umn.edu/handle/11299/203635</a>	Environmental justice: Racial equity and crash risk

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AASHTO	2004	Guide for the Planning, Design, and Operation of Pedestrian Facilities (1st Edition)	<a href="https://store.transportation.org/Item/CollectionDetail?ID=131&amp;AspxAutoDetectCookieSupport=1">https://store.transportation.org/Item/CollectionDetail?ID=131&amp;AspxAutoDetectCookieSupport=1</a>	Pedestrian facility design
FHWA		STEP Studio	<a href="https://safety.fhwa.dot.gov/ped_bike/step/resources/docs/step_studio.pdf">https://safety.fhwa.dot.gov/ped_bike/step/resources/docs/step_studio.pdf</a>	Pedestrian safety countermeasures
FHWA	2018	Guide for Improving Pedestrian Safety at Uncontrolled Crossing Locations	<a href="https://safety.fhwa.dot.gov/ped_bike/step/docs/STEP_Guide_for_Improving_Ped_Safety_at_Unsig_Loc_3-2018_07_17-508compliant.pdf">https://safety.fhwa.dot.gov/ped_bike/step/docs/STEP_Guide_for_Improving_Ped_Safety_at_Unsig_Loc_3-2018_07_17-508compliant.pdf</a>	Countermeasure implementation
FHWA	2016	Achieving Multimodal Networks: Applying Design Flexibility and Reducing Conflicts	<a href="https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/multimodal_networks/">https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/multimodal_networks/</a>	Countermeasure implementation
FHWA	2015	Delivering Safe, Comfortable, and Connected Pedestrian and Bicycle Networks: A Review of International Practices	<a href="https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/global_benchmarking/global_benchmarking.pdf">https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/global_benchmarking/global_benchmarking.pdf</a>	International best practices
MnDOT Office of Traffic, Safety and Technology	2013	Minnesota's Best Practices for Pedestrian and Bicycle Safety	<a href="https://www.dot.state.mn.us/statelaid/trafficsafety/reference/ped-bike-handbook-09.18.2013-v1.pdf">https://www.dot.state.mn.us/statelaid/trafficsafety/reference/ped-bike-handbook-09.18.2013-v1.pdf</a>	Countermeasure implementation
Noyce et al. (for MnDOT)	2013	Best Practices Synthesis and Guidance in At-Grade Trail-Crossing Treatments	<a href="https://www.dot.state.mn.us/research/TS/2013/201323.pdf">https://www.dot.state.mn.us/research/TS/2013/201323.pdf</a>	Countermeasure implementation
NACTO	2013	Urban Street Design Guide	<a href="https://nacto.org/publication/urban-street-design-guide/">https://nacto.org/publication/urban-street-design-guide/</a>	Countermeasure implementation

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TRB	2018	NCHRP Report 893: Systemic Pedestrian Safety Analysis	<a href="http://www.trb.org/Publications/Blurbs/178087.aspx">http://www.trb.org/Publications/Blurbs/178087.aspx</a>	Systemic safety analysis
TRB	2020	NCHRP Report 926: Guidance to Improve Pedestrian and Bicyclist Safety at Intersections	<a href="http://www.trb.org/Main/Blurbs/180624.aspx">http://www.trb.org/Main/Blurbs/180624.aspx</a>	Systemic safety, proactive approaches, countermeasure implementation
PBIC		Designing a Safer System for Pedestrians	<a href="https://cms8.fhwa.dot.gov/sites/fhwa.dot.gov/files/2020-08/USDOT_NtnlPdstrianSftySmmt_6_Laura%20Sandt%20July%2015%202020.pdf">https://cms8.fhwa.dot.gov/sites/fhwa.dot.gov/files/2020-08/USDOT_NtnlPdstrianSftySmmt_6_Laura%20Sandt%20July%2015%202020.pdf</a>	Systemic safety
PBIC	2016	Pursuing Equity in Pedestrian and Bicycle Planning	<a href="http://pedbikeinfo.org/cms/downloads/PBIC_WhitePaper_Equity.pdf">http://pedbikeinfo.org/cms/downloads/PBIC_WhitePaper_Equity.pdf</a>	Environmental justice: Equity in pedestrian planning
Collaborative Sciences Center for Road Safety	2018	Completing the Picture of Traffic Injuries: Understanding Data Needs and Opportunities for Road Safety	<a href="https://www.roadsafety.unc.edu/wp-content/uploads/2018/11/CSCRS_R4_FinalReport.pdf">https://www.roadsafety.unc.edu/wp-content/uploads/2018/11/CSCRS_R4_FinalReport.pdf</a>	Data needs and opportunities