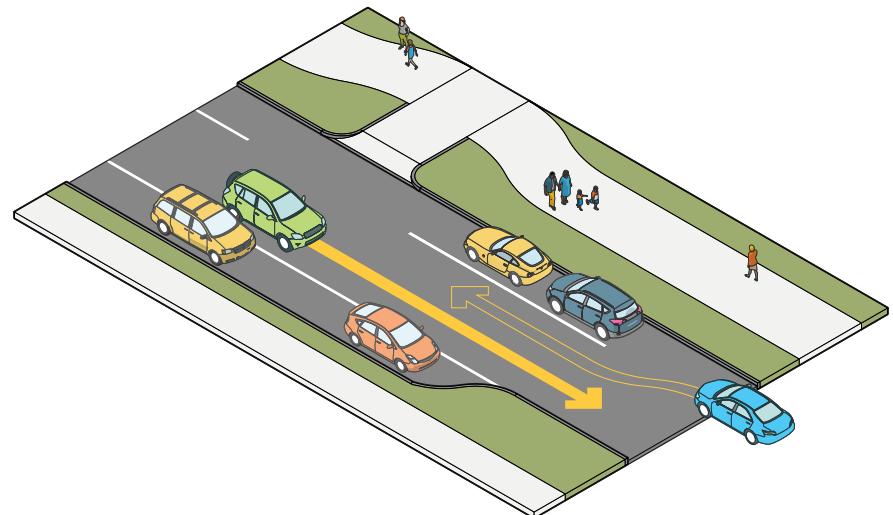


Yield Street



Purpose

Calms traffic by reducing travel space for motor vehicles and may reduce cut-through volume.

Description

A two-way street with a "checkered" on-street parking pattern and single driving lane causing motor vehicle traffic to yield the right-of-way to oncoming vehicles, slowing overall motor vehicle speeds and possibly lowering volumes. Many streets in Hyattsville are today designed as yield streets.

Primary Modes



Estimated Cost



Timeline



Safety Benefits

- Reduced motor vehicle speeds as motorists must yield to other road users.
- Encourages cautious behavior.
- May reduce overall motor vehicle volume.

Applicable Street Types

- Local

Other Location Guidance

- Typically used on residential streets where existing motor vehicle speeds and volumes are low.

Design Guidance and Considerations

- Appropriate where on-street parking utilization is generally 40-60% or less.
- Street width should be sufficient so that motorists can easily understand and see the street without risk of head-on collision. This can be accomplished with signage indicating bidirectional traffic where bi-directional traffic is a new configuration.
- Street striping, lane markings, and signage are generally unnecessary, as street speed is self-enforcing. But see bi-directional note, above. This also means neighborhood yield streets lack designated crossing locations for pedestrians.

- Reduce conflicts at driveways by maintaining sidewalk grade and materials across the driveway.
- Curb bulb outs and buffers between parking and the sidewalk create opportunities for additional street furniture, street trees and other landscaping, and stormwater management.

Expected Crash Reduction

A crash reduction estimate is not available for this treatment.

Systemic Safety Potential

Generally applicable as a spot treatment.

Additional Information

[NACTO Urban Street Design Guide](#)

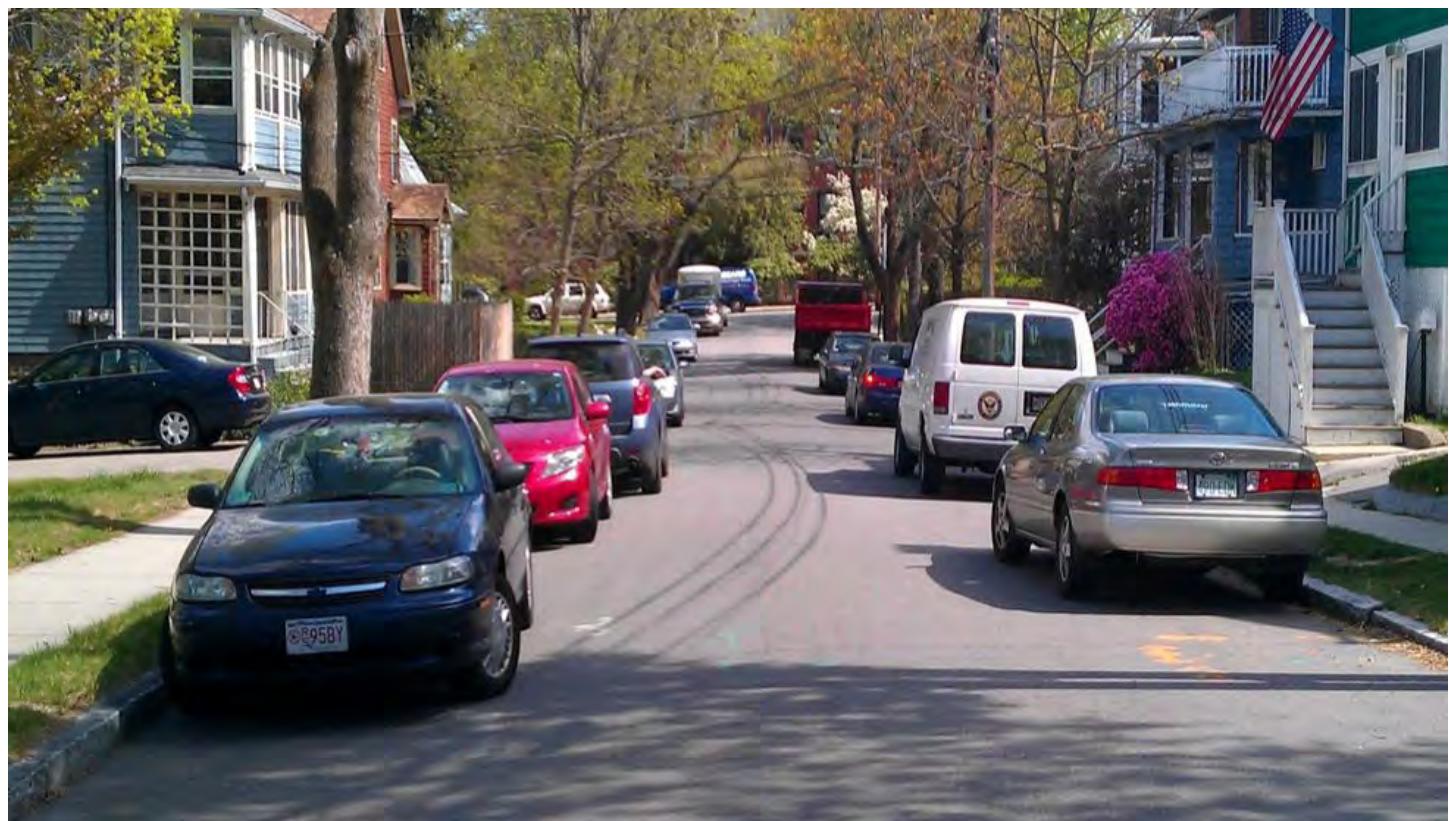
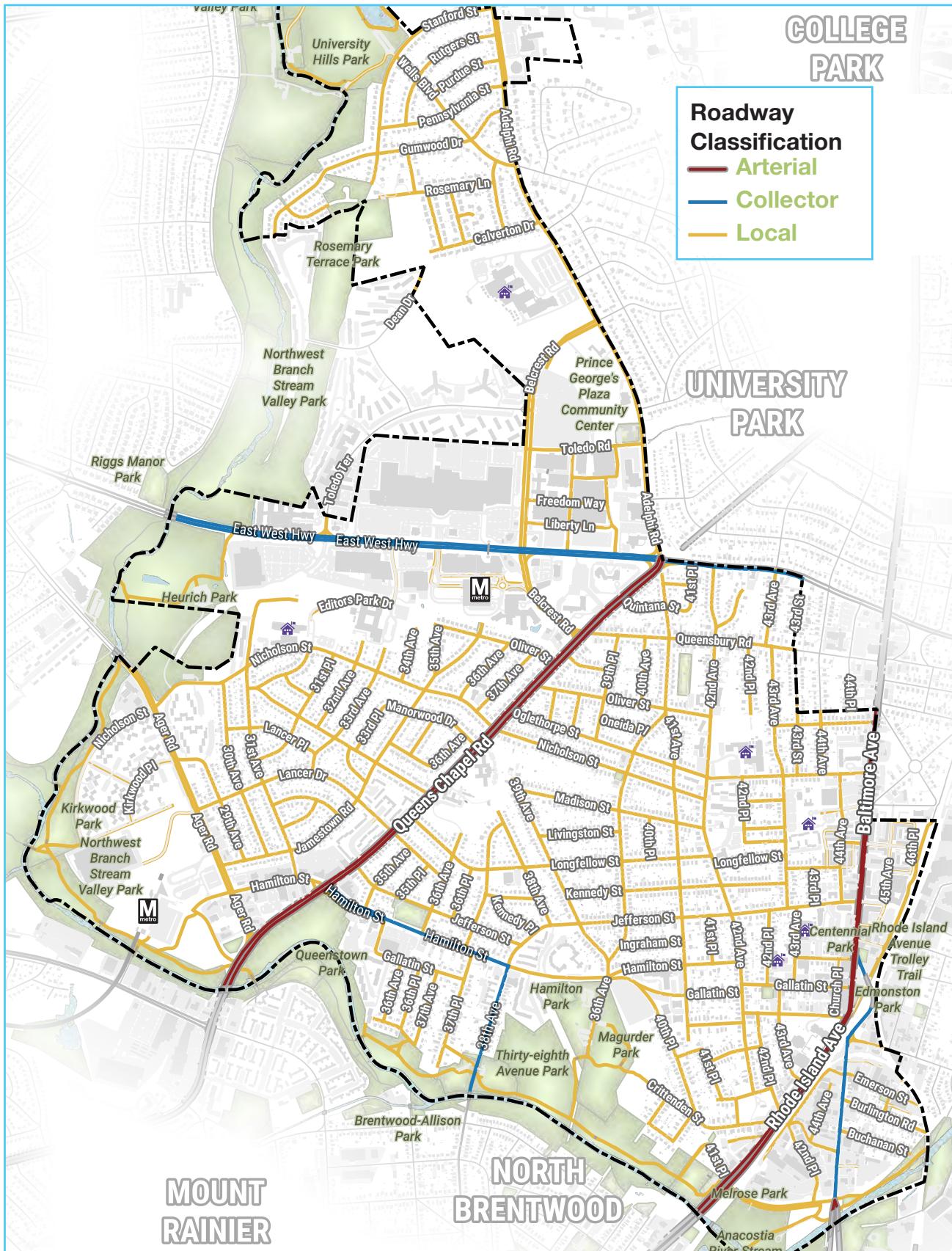


Photo Credit: NACTO

Appendix



Hyattsville Roadway Classification



Arterial Roadways in Hyattsville

Most arterial roadways, or wider streets, in Hyattsville are owned and controlled by the State of Maryland and Prince George's County. The City of Hyattsville continues to work with its state and county partners to improve roadways in Hyattsville not controlled by the City.

While the City continues to advocate for updates to these roadways, we also encourage residents and other stakeholders to express their roadway safety concerns directly to the State of Maryland or Prince George's County using their respective channels.

State of Maryland

Additional information about context-sensitive planning and design in the State of Maryland is available at [Context Driven Maryland](#).

Non-emergency concerns such as signal outages or poor conditions on roads owned by the State of Maryland should be reported to the Statewide Operations Center at (800) 543-2515 or (410) 582-5650. To learn more about submitting an electronic service request visit <https://roads.maryland.gov>

Prince George's County

Information about the Prince George's County process for evaluating streets for potential traffic-calming can be found on the [Neighborhood Traffic Management Program](#) website.

Prince George's County adopted a [Complete and Green Streets Policy](#) in 2012 to support Complete Streets improvements in county road construction and reconstruction projects.

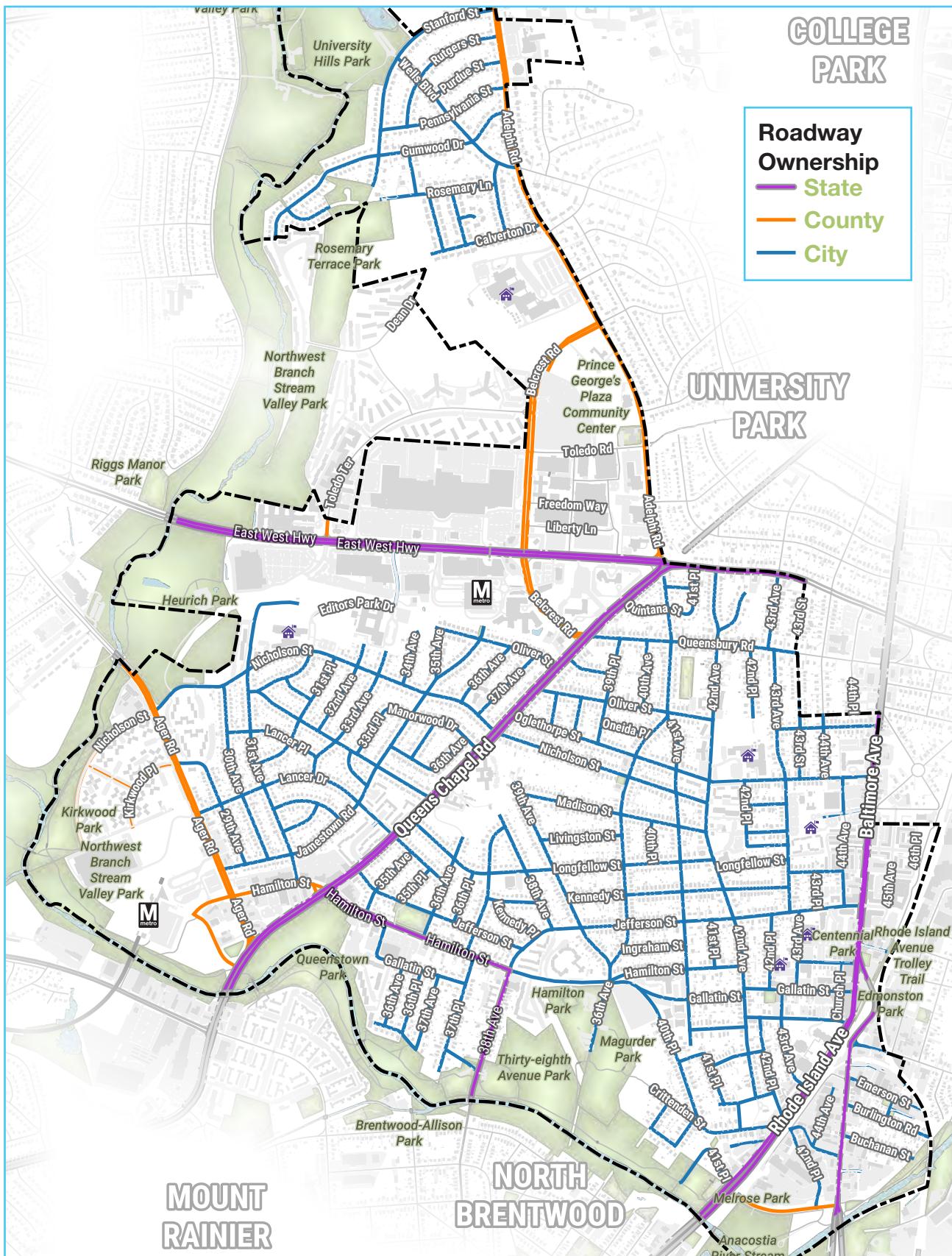
In 2017, the County adopted design standards guiding roadway design within Regional Transit Districts and Local Centers in the County.

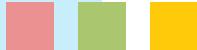
Additional information can be found in the County's [Urban Streets Design Standards](#) publication.

Prince George's County Department of Public Works and Transportation (DPW&T) responds to potential hazardous locations reported on County roads. To report potential hazards or surface issues on County owned rights-of-way call 3-1-1 within the County or (301) 883-4748.

The map on the following page identifies which roadways in Hyattsville are owned and controlled by the City of Hyattsville, and which by the State or County.

Hyattsville Roadway Ownership





Research References

Abdel-Aty, M.A., C. Lee, J. Park, J. Wang, M. Abuzwidah, and S. Al-Arifi. "Validation and Application of Highway Safety Manual (Part D) in Florida." Florida Department of Transportation. Tallahassee, Florida. 2014.

Bloomberg Philanthropies, 2022. "Asphalt Art Safety Study: Historical Crash Analysis and Observational Behavior Assessment at Asphalt Art Sites." <https://assets.bbhub.io/dotorg/sites/43/2022/04/Asphalt-Art-Safety-Study.pdf.7777>

Chen, L., C. Chen, and R. Ewing. 2012. "The Relative Effectiveness of Pedestrian Safety Countermeasures at Urban Intersections - Lessons from a New York City Experience." Presented at the 91st Annual Meeting of the Transportation Research Board. Washington, D.C.

Elvik, R. and T. Vaa. 2004. "Handbook of Road Safety Measures." Oxford, United Kingdom: Elsevier.

FHWA. 2008. Toolbox of Countermeasures and Their Potential Effectiveness for Roadway Departure Crashes. U.S. Department of Transportation, Federal Highway Administration. FHWA-SA-07-013. August 2008.

FHWA. 2012. "Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)." Federal Highway Administration. Washington, D.C. 2009 with Revisions 1 and 2, dated May 2012. <https://mutcd.fhwa.dot.gov/index.htm>.

FHWA. 2016. "Achieving Multimodal Networks: Applying Design Flexibility and Reducing Conflicts." Report FHWA-HEP-16-055. Federal Highway Administration. Washington, D.C. https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/multimodal_networks/.

FHWA, 2023. "Developing Crash Modification Factors for Separated Bicycle Lanes." Report FHWA-HRT-23-025. Federal Highway Administration. Washington, D.C. <https://highways.dot.gov/research/publications/safety/FHWA-HRT-23-025>.

Fehr & Peers. 2018. Safety Efficacy Confidence Levels for Pedestrian & Bicycle Treatments. https://www.fehrandpeers.com/wp-content/uploads/2020/03/NACTO_SafetyEfficacyGuide_2018.pdf

Johnson, R. S. 2005. "Pedestrian Safety Impacts of Curb Extensions: A Case Study." Report FHWA-0R-DF-06-01. Federal Highway Administration. Washington, D.C.

Lusk, A., Furth P., Morency P., Miranda-Moreno L., Willett W., Dennerlein J. "Risk of injury for bicycling on cycle tracks versus in the street." Inj Prev. 2011 Apr;17(2):131-5. doi: 10.1136/ip.2010.028696. Epub 2011 Feb 9.

Mead, J., McGrane, A., Zegeer, C., Thomas, L. 2014 "Evaluation of Bicycle-Related Roadway Measures: A Summary of Available Research", For Federal Highway Administration, 59. https://www.pedbikeinfo.org/cms/downloads/06%2013%202014%20BIKESAFE%20Lit%20Review_FINAL.pdf

Pawlovich, M.D., W. Li, A. Carriquiry, and T. Welch. "Iowa's Experience with Road Diet Measures—Use of Bayesian Approach to Assess Impacts on Crash Frequencies and Crash Rates." Transportation Research Record: Journal of the Transportation Research Board, No. 1953, Transportation Research Board, Washington, D.C., 2006.

Preston, A., & Pulugurtha, S. S. (2021). Simulating and assessing the effect of a protected intersection design for bicyclists on traffic operational performance and safety.

Schepers, J.P., P.A. Kroeze, W. Sweers, and J.C. Wust. 2011. "Road Factors and Bicycle-Motor Vehicle Crashes at Unsignalized Priority Intersections." Accident Analysis and Prevention 43(3): 853-861.

Thomas, L., R. Srinivasan, M. Worth, M.R. Parker, and R. Miller. 2015. "Jurisdiction Speed Management Action Plan Development Package." Report No. FHWA-SA-15-017. Federal Highway Administration, U.S. Department of Transportation. Washington, D.C.

Zegeer, et al. 2017. Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments. NCHRP Report 841.

