

# Exhibit B: Resources for Solutions and Interventions

As described in the section on *Determining Solutions and Interventions*, TCS recommends using a wide variety of solutions and interventions to achieve the Safe Streets Madison program's goals. The resources listed below reflect that variety. However, they should not be seen as exhaustive, and they periodically need to be reviewed and updated to reflect up-to-date research and best practices. There is some overlap between the documents, and staff should use their judgment to assess which solutions and interventions be used for a specific project.

Madison is an Affiliate Member City of NACTO, the National Association of City Transportation Officials. NACTO has published a number of guides on urban street design:

- *Urban Street Design Guide*. 2013. Island Press. <https://nacto.org/publication/urban-street-design-guide/>
- *Urban Bikeway Design Guide* (2<sup>nd</sup> edition). 2014. Island Press. <https://nacto.org/publication/urban-bikeway-design-guide/>
- *Don't Give Up at the Intersection: Designing All Ages and Abilities Bicycle Crossings*. 2019. <https://nacto.org/publication/dont-give-up-at-the-intersection/>
- *Transit Street Design Guide*. 2016. Island Press. <https://nacto.org/publication/transit-street-design-guide/>

Further resources are available from the Federal Highway Administration (FHWA)

- *Traffic Calming ePrimer*, 2017. [https://safety.fhwa.dot.gov/speedmgt/traffic\\_calm.cfm](https://safety.fhwa.dot.gov/speedmgt/traffic_calm.cfm)
- *Course on Bicycle and Pedestrian Transportation*, Lesson 11: Traffic Calming. [https://safety.fhwa.dot.gov/ped\\_bike/univcourse/pdf/swless11.pdf](https://safety.fhwa.dot.gov/ped_bike/univcourse/pdf/swless11.pdf)
- *Traffic Calming, Auto-Restricted Zones and Other Traffic Management Techniques: Their Effects on Bicycling and Pedestrians*, 1993. [https://safety.fhwa.dot.gov/PED\\_BIKE/docs/case19.pdf](https://safety.fhwa.dot.gov/PED_BIKE/docs/case19.pdf)

Finally, the Institute of Transportation Engineers maintains a series of fact sheets on traffic calming measures:

- <https://www.ite.org/technical-resources/traffic-calming/traffic-calming-measures/>

Locally, the City of Madison as well as the Greater Madison MPO have existing manuals on street design and traffic calming measures. However, some of them have not recently been updated or may not be as comprehensive as the resources listed above.

- City of Madison. *Neighborhood Traffic Management Program (NTMP) Manual*, Appendix D: Traffic Management Devices, Version 10, last updated 2016. <https://www.cityofmadison.com/trafficEngineering/documents/NTMP-Manual.pdf>
- Greater Madison MPO. *Pedestrian/Bicycle Facilities, Policies, and Street Standards: Review of Community Requirements in the Greater Madison MPO Planning Area and Recommended Best Practices*, May 2021.

[https://www.greatermadisonmpo.org/planning/documents/PedestrianFacilityRequirementsandPoliciesandStreetStandards\\_FINAL\\_5\\_25\\_21.pdf](https://www.greatermadisonmpo.org/planning/documents/PedestrianFacilityRequirementsandPoliciesandStreetStandards_FINAL_5_25_21.pdf)