


## MEMORANDUM

**TO:** Chief District Engineers  
KYTC Central Office Directors

**FROM:** Mike Hancock, P.E.   
Deputy Secretary

**DATE:** July 1, 2020

**SUBJECT:** Implementation of the 2018 Green Book and Low-Volume Guidance

The American Association of State Highway and Transportation Officials (AASHTO) has published the 2018 version of *A Policy on Geometric Design of Highways and Streets* (the Green Book). Some of the significant changes to the new version include an expanded context and functional classification system and an emphasis on performance-based design.

The Federal Highway Administration (FHWA) has not yet officially adopted these documents. However, FHWA has reviewed the 2018 Green Book and finds that the updates meet or improve upon the criteria of the 2011 Green Book. As a result, the KYTC may adopt the 2018 Green Book for use *on* NHS projects without requesting a formal design exception.

The American Association of State Highway and Transportation Officials (AASHTO) has also published the 2019 version of the *Guidelines for Geometric Design of Low-Volume Roads, 2<sup>nd</sup> Edition*. This edition has been updated for application to all “low-volume” local and minor collector roads, with design average daily traffic volumes of 2,000 vehicles per day or less. For these type of facilities, the *Guidelines for Geometric Design of Low-Volume Roads, 2<sup>nd</sup> Edition* may be used in lieu of the applicable policies presented in the Green Book.

Effective immediately, new projects and activities should utilize these documents as guidance. Exceptions may be made on a project by project basis with approval of the State Highway Engineer and concurrence from FHWA when applicable.