



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

Stephen C. Brich, P.E.  
Commissioner

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November 16, 2020

### MEMORANDUM

To: All Virginia Department of Transportation Preliminary Engineering Design Staff  
Re: 2018 AASHTO A policy on Geometric Design of Highways and Streets, 7<sup>th</sup> Edition

Effective November 16, 2020, The Virginia Department of Transportation (VDOT) adopted, in whole, the 2018 AASHTO publication "A Policy on Geometric Design of Highways and Streets" 7th Edition, also known as the "Green Book".

The contents of the VDOT Road Design Manual have been revised to reflect changes from the 2011 edition to the 2018 edition of the AASHTO Green Book. This includes all relevant policy language as well as the Geometric Standards.

Revisions related to Geometric Standards (GS) will be required for all projects with a Preliminary Engineering (PE) Authorization date of January 1, 2021, and later. Any project in which the designer cannot meet this date shall obtain approval from the State Location and Design Engineer.

The 2018 edition of the AASHTO Green Book offers designers more flexibility to help ensure that VDOT is appropriately allocating limited resources to optimize system wide transportation improvements. We must ensure that every project, every engineering decision, every dollar on every project budget is focused on improving VDOT's overall transportation system. In the end, this will ensure VDOT's ability to deliver the best valued projects while enhancing safety, mobility and economic growth throughout the state.

If you have any questions or comments regarding the adoption of the 2018 AASHTO Green Book, please contact the State Geometric Engineer, Joseph Koscinski Jr., P.E., at (804) 225-3934.

Sincerely,

Signature on File

Susan H Keen 11.16.2020  
State Location and Design Engineer