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**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**

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Greg Thomas
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DESIGN MEMORANDUM NO. 01-17

TO: Chief District Engineers
Project Development Managers
Design Engineers
Active Design Consultants

FROM: William S. Gulick, P.E., Director
Division of Highway Design 

DATE: January 6, 2017

SUBJECT: HD-200 Administrative Procedures
HD-300 Surveying
HD-700 Geometric Design Guidelines
HD-800 Roadside Design
HD-900 Intersections
HD-1000 Pavement
HD-1100 Access Management
HD-1200 Signing and Pavement Markings
HD-1300 Right of Way
HD-1400 Railroads
HD-1500 Pedestrian and Bicycle Accommodations

The rewrite of the KYTC Highway Design Manual is approaching completion. All chapters have been reviewed and revised. The chapters have been given to the Policy Support Branch, which oversees the development and administration of the Transportation Cabinet's policy guidance manual programs, for publishing of the Highway Design Manual.

The intent of this Design Memorandum is to release HD-300 "Surveying", HD-700 "Geometric Design Guidelines", HD-800 "Roadside Design", HD-900 "Intersections", HD-1000 "Pavement", HD-1100 "Access Management", HD-1200 "Signing and Pavement Markings", HD-1300 "Right of Way", HD-1400 "Railroads", and HD-1500 "Pedestrian and Bicycle Accommodations".

This memorandum also includes updates to HD-200 "Administrative Procedures" which was previously released with Design Memorandum No. 01-15. The updates include changes to the design exception criteria to better reflect FHWA's new controlling criteria, changing the DES review tiers, changes to the final pay process and updates to the DES and Water Related Impact forms.



January 6, 2017

The schedule for implementation is as follows. Effective with this memorandum, policy and guidance in HD-200, HD-300, HD-700, HD-800, HD-900, HD-1000, HD-1100, HD-1300, HD-1400 and HD-1500 should be utilized for all new project starts or for existing projects that have not advanced beyond the Preliminary Line and Grade stage. Plans, Design Executive Summaries, etc., should reflect the new policy.

Projects that have advanced beyond Preliminary Line and Grade and projects anticipated to reach construction letting by October 2017, may continue to use the policy and guidance provided from the previous Highway Design Manual Chapters. However, it is allowable to use any of the information written in this release as desired or deemed necessary by the Project Development Manager (PDM).

Projects anticipated for construction letting after October 2017 must comply with the guidance and policy of these released chapters of the Highway Design Manual.

Effective with this memorandum the subject chapters listed below are released as official policy and guidance. These chapters can be found at the links below:

[HD-200 Administrative Procedures](#)

[HD-300 Surveying](#)

[HD-700 Geometric Design Guidelines](#)

[HD-800 Roadside Design](#)

[HD-900 Intersections](#)

[HD-1000 Pavement](#)

[HD-1100 Access Management](#)

[HD-1200 Signing and Pavement Markings](#)

[HD-1300 Right of Way](#)

[HD-1400 Railroads](#)

[HD-1500 Pedestrian and Bicycle Accommodations](#)

Any questions regarding this memorandum should be directed to the Division of Highway Design at (502)-564-3280.

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