DESIGN MEMORANDUM NO. 02-20

TO: Project Development Branch Managers
                Location Engineers
                Design Engineers
                Design Consultants

FROM: Jill Asher, PE
                Director
                Division of Highway Design

DATE: July 1, 2020

SUBJECT: HD-103, HD-200, HD-700, and HD-900 Updates

The intent of this Design Memorandum is to update HD-103 Highway Design Policy, HD-200 Administrative Procedures, HD-700 Geometric Design Guidelines, and HD 900 Intersections of the Highway Design Manual. These updates include geometric recommendations and emphasis on performance based design from the 2018 version of AASHTO's "A Policy on Geometric Design of Highways and Streets" and the 2019 version of AASHTO's "Guidelines for Geometric Design of Low-Volume Roads". The updates also include changes to the Design Executive Summary (DES) submittal, references to innovative intersections, and moves much of the previous HD-208 Contract Roadway Plans into the CAD Standards. The updated chapters can be found at the following links:

- HD-103 Highway Design Philosophy.pdf
- HD-200 Administrative Procedures.pdf
- HD-700 Geometric Design Guidelines.pdf
- HD-900 Intersections.pdf

The implementation schedule is as follows. Effective with this memorandum, the administrative procedures and guidance in the updated sections of the Highway Design Manual should be utilized for all new projects or for existing projects that have not advanced beyond the Preliminary Line and Grade stage. Plans, Design Executive Summaries, etc. should reflect the new guidance. Projects that have advanced beyond Preliminary Line and Grade but will be let to contract prior to January 2021 may continue to use the previous guidance from the Highway Design Manual. However, it is allowable to use any of the policy written in the updates released with this memorandum as desired or deemed necessary by the Project Development Branch Manager.

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

JA