

WQEP Section 7 - Summary of Changes

Summary of the changes as follows:

The following changes were made to Section 7 of the WQEP Design Manual.

- Create a new Specifications category for FIBER REINFORCED MATRIX
 - o The creation of new specifications for FRM was done to establish an Approved Products List for this category instead of only having products “Approved for Use”.
 - o The Approved Products List will allow us to have a more consistent way to measure products and will allow us to approve more products than were previously “Approved for Use” which will allow contractors more options to be used in the field.
 - o The specs for this category were developed by researching the current specs from other state’s DOTs (MN, IA, NE, CA), as well as information from the Erosion Control Technology Council, and the Center for Environmental Excellence by AASHTO.
- Modify the existing Specification for BONDED FIBER MATRIX
 - o This specification was modified to create a more in-depth and consistent way to measure the products in this category.
 - o The old specification was taken word-for-word out of the 2015 SDDOT Spec Book and was fairly inefficient for evaluating products for approval, as it did not reference anything other than material composition and properties (no standardized tests or values).
 - o The new specs for this category were developed by researching the current specs from other state’s DOTs (MN, IA, NE, CA), as well as information from the Erosion Control Technology Council, and the Center for Environmental Excellence by AASHTO, as well as using some information from the previous spec.
 - o All Bonded Fiber Matrix products that are currently on the Approved Products List meet or exceed the new Specifications.

These were the only specifications that were added or changed in this revision of Section 7, however some specifications had to be moved and rearranged on to different pages to make room for these revisions. These changes did not affect the overall number of pages in Section 7. Section 7 still consists of three pages (70-72).

[Check it out here.](#)