



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
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CONSTRUCTION MEMORANDUM

No. 05-2020

TO: TEBMs for Project Delivery and Preservation
Section Engineers
District Materials Engineers

FROM: Matthew P. Simpson, P.E. *MPS*
Director, Division of Construction

DATE: October 13, 2020

SUBJECT: Spray, Ribbon and Extruded Thermoplastic

This memorandum provides the expectation for District Section Engineers and District Materials Engineers with regards to the thermoplastic material specified in each contract. Based on Section 837 of the Standard Specifications for Road and Bridge Construction, unless a special note is included in a contract, extruded thermoplastic shall be used. There appears to be some confusion concerning the different types of thermoplastic. Extruded, spray and ribbon all have different properties. It is not just a different means of placement. If the District wants to propose a change in the thermoplastic material to be used, then a change order will be required. The District must obtain verbal approval from the Division of Construction prior to testing and placing spray or ribbon thermoplastic. Likewise, if a special note requires either spray or ribbon thermoplastic material, then a different thermoplastic may not be used without verbal approval for an impending change order.

In addition, the Division of Materials will not test any thermoplastic material that is not in compliance with the items on a contract or if a change order has not received verbal approval. Material shall not be placed until it has been sampled and tested. District inspectors should ensure that samples are delivered to the loading dock of the Division of Materials with all necessary paperwork, including material certification, Site Manager identification number and the contract identification number. If you have any questions regarding the above expectations, please contact the Division of Construction or the Division of Materials.

AHM:MTB:BRM:brm

Cc: Tracy Nowaczyk, P.E.- Director of Maintenance
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