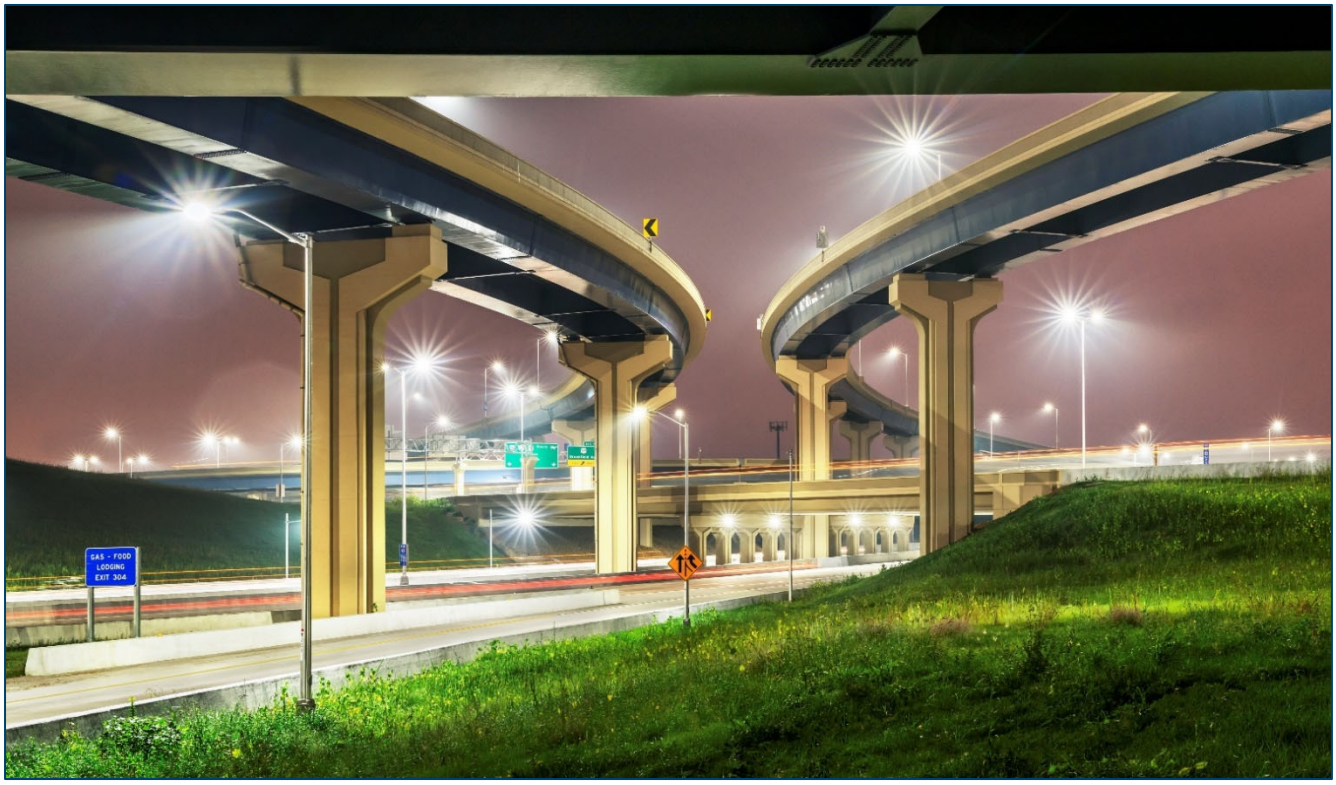
Construction and Materials Manual

Wisconsin Department of Transportation
Bureau of Project Development

April 2026 Edition



Annotations, shown in boxed text on the table of contents with updates, in this edition of the Construction and Materials Manual identify the substantive revisions made since the last edition. A brief explanation of each provision revised is provided both in the table of contents with updates and again adjacent to each revision within the chapter.

Foreword

WisDOT provides the Construction and Materials Manual (CMM) to help staff administer and inspect construction projects. The goal is uniform application and enforcement of contract requirements.

The CMM clarifies the contract and may reference contract requirements but does not supersede the contract. The CMM also communicates department policies, practices, and expectations to consultants, contractors, and other construction industry partners.

CMM guidance is based on common industry practice for transportation construction work. Situations not covered require experience, engineering judgment, and advice from experienced engineers, supervisors or subject matter technical experts.

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Most CMM content is not part of the contract. However, some of the CMM is mobilized into the contract by specific reference from within the contract. CMM sections referenced in the standard specifications have an orange-highlighted entry pointing to contractual language within that section. For example:

Standard spec references to concrete testing and sampling methods contained in this chapter:
Standard spec 701.3 ..... concrete testing
CMM provisions mobilized by the contract:
CMM 870.4.8 ..... strength/maturity relationship development

Within the section, above the heading of the referenced content, there will be an orange-highlighted entry identifying standard specification references. For example:

Requirements for developing a strength/maturity relationship are mobilized into the contract by standard spec 502.3.10.1.3.

CMM sections explicitly referenced in the standard specifications are tabulated below.

CMM Sections Mobilized into the Contract

CMM Section	Contractual Reference
CMM 145	Quality standards for temporary concrete barrier
CMM 424	Assignment of cost for crack repairs
CMM 525	Evaporation nomograph
CMM 645	Erosion Control Implementation Plan (ECIP)
CMM 710	Construction data packet
CMM 815	HMA pavement density determination
CMM 830	Concrete testing and testing equipment calibration
CMM 836	HMA QMP requirements
CMM 860	Aggregate sampling and testing
CMM 865	Asphaltic Binder sampling and testing
CMM 866	Asphalt Mixture Design
CMM 870	Concrete QMP testing standards
CMM 871	Concrete Mixture Design