



Division 03 Concrete

03 01 00 Maintenance of Concrete

Any repair, patch, or replacement of existing concrete shall match existing in strength, color, visible aggregate (if applicable), and texture. Exceptions may occur based on design considerations.

03 05 00 Common Work Results for Concrete

03 05 10 General Requirements for Concrete

1. Project Specifications shall use as their basis all appropriate sections of the latest edition of the DFD Master Specifications.
2. DFD Standard Specification 32 13 00 is to be used for exterior cast-in-place concrete sidewalks, flatwork, and pavement.
3. Deviations from the DFD Master Specification sections shall be made only upon approval from the UW-Madison Project Manager.
4. The *Guidelines for Planning and Design of UW-Madison Facilities* shall take precedence over DFD Guidelines, but the A/E shall discuss all conflicts within the guidelines and specifications with the UW-Madison Project Manager.
5. The goals and guiding principles of the UW-Madison Campus Master Plan (latest edition) shall be considered and referenced as part of the planning, design, detailing, and material selection for every project.

03 20 00 Concrete Reinforcing

1. All reinforcement for utility vaults, tunnels and conduits underlying pavement prone to salt applications in winter, shall be epoxy coated.
2. Reinforcing not permitted in nose of cast-in-place concrete stairs.

03 30 00 Cast-In-Place Concrete

It is intended that DFD Standard Specification *Section 03 30 00* provide specifications for concrete materials and installation. *Section 32 13 00* is intended to provide specifications for exterior cast-in-place concrete sidewalks, curb & gutter, and pavement.

03 30 90 Cast-In-Place Concrete for Utilities

There is a DFD Standard Specification although it may not be available on their website. Use this specification section for all applicable utility concrete work. It can be obtained from UW-Madison FP&M.

03 38 00 Post-Tensioned Concrete (PTC)

1. Post-Tensioned Concrete is not a desired method of construction for slabs above grade due to reduced flexibility for the future.
2. Post-Tensioned Concrete is acceptable for above grade beams and spandrels.