

**SECTION 02752 – CONCRETE PAVING
CONSTRUCTION STANDARD**

PART 1: GENERAL

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of The University of Texas at Austin for rigid cement/concrete pavement above base course, including conventional and modified pavement for walks, roads, parking lots, tunnels, recreation areas and other facilities.
- B. UT recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for UT projects.

1.02 Related Standards

- A. Geotechnical, Section 02010
- B. Storm Water Management, Section 02060

1.03 Reference Standards

- A. Plazas and Decks, Section 07050

1.04 General Requirements

- A. Walking surfaces shall be designed to be nominally level. Abrupt changes in elevation of walking surfaces shall not exceed ¼ inch. No exposed aggregate finish shall be used on concrete flatwork with slopes greater than 5%. The slope in the direction of travel shall not exceed 1 in 20. The slope perpendicular to the direction of travel shall not exceed 1 in 48.
- B. Any wood utilized for expansion and/or control joints must be coated with an appropriate sealer so to prevent deterioration of the wood. The type of wood preferred for use in this application is redwood.

PART 2: PRODUCTS –

2.01 General

- A. Buff color concrete is to be integrally colored using TXI Type I Adobe cement or equal. Mix shall be equivalent color to Southern Materials, Inc. mix #SMI160 as used in the paving on the east side of the stadium.

**SECTION 02752 – CONCRETE PAVING
CONSTRUCTION STANDARD**

PART 3: EXECUTION

3.01 General

- A. Any concrete flatwork shall be no less than 5” thick with #4 reinforcement 12” o.c. each way. Flatwork must be doweled with 24” long #4 reinforcement dowels, placed 18” on center, to a penetration of 12”, into any abutting concrete flatwork. Building entry flatwork must also be doweled into the building foundation.
- B. Rinsing of transit mix trucks or other concrete mixing devices shall either be off of the Owner’s site or onsite in a contained area that does not allow run-off. If rinsed in a contained area onsite, run-off must be prevented until concrete dries, at which time it must be removed as solid debris.
- C. Wash water from exposed aggregate sidewalks or other paved areas may not enter the storm sewer system. Water must either be collected and discharged on an area of pervious cover acceptable to UT Physical Plant, discharged offsite, or allowed to pool until only sediment is left and can be disposed of as solid refuse.

END OF STANDARD 02752