

WALKS, ROADS AND PARKING PAVING

Design Requirements

All work within City of Ann Arbor street right-of ways shall be in accordance with the current version of the City's standards and requirements. During design, the A/E shall submit plans and specifications to the City for review and approval. This process should be completed prior to the issuance of 100% CD's.

All materials, equipment and construction for bituminous and concrete pavements shall be in accordance with the current version of the Michigan Department of Transportation Standard Specifications for Construction.

Consult with the University Project Coordinator to determine the appropriate paving materials for each project.

No welded wire fabric shall be used in sidewalk construction.

Installation Requirements

Concrete shall consist of air entrained Portland Cement with a total air content of not less than 4 percent but not more than 7 percent. Cement content shall be a minimum of 6 sacks per cubic yard. Concrete shall contain polypropylene fibrillated fibers at a volume of 1.5 pounds per cubic yard

All regular sidewalks shall be 8 feet wide and 8 inches thick, and all steps and stairs eliminated if at all possible to facilitate cleaning and snow removal.

Paved areas at building entrances shall be adequate to accommodate refuse containers.

Quality Acceptance Test

Minimum concrete 28 day compressive strength shall be 4000 psi.

Slump shall be not more than 4 inches, or less than 1 1/2 inches, as determined by the slump cone test specified in ASTM C-143.

Cleanup Requirements

Concrete and asphalt work (including cutting, grinding, drilling, and hydro-demolition) washout cannot be discharged into storm drains, catch basins or to the sanitary sewer system. Direct the Contractor to utilize proper disposal and washout practices and to perform washing of concrete trucks in designated areas or offsite.