

SECTION 7000 - RESTORATION OF SURFACE CONSTRUCTION

- 7001 SCOPE. This section covers restoration of concrete and asphalt pavement, gravel surfacing, walks, drives, curbs, and other surface construction removed or damaged during construction.
- 7002 GENERAL. All pavement or other surface construction which is removed or damaged during the progress of the work shall be restored to its original or better condition by the contractor. All restoration work shall be subject to acceptance by the engineer and the owner or the agency having jurisdiction thereof. All materials used for restoration work shall be new.
- 7003 REFERENCE STANDARD. Materials and construction methods, as referred to herein, shall conform to the Standard Specifications for State Road and Bridge Construction, Kansas Department of Transportation (current edition), and to applicable sections of these technical specifications.
- 7004 PAVEMENT REPLACEMENT. The replacement of all street surfacing shall be in accordance with the pavement replacement detail shown on Standard Detail 70-1. The replacement asphalt pavement shall be composed of an asphaltic concrete base course (6” for residential streets, 8” for collectors, and 10” for arterials) and an asphaltic concrete overlay at least two inches (2”) thick. Flowable fill shall be installed below the asphaltic base to the top of pipe underlain by CA-5 backfill around the pipe. Materials and workmanship shall conform to the following:

Asphalt Aggregate	Type BM-2 and Type BM-2B, Section 1103, "Kansas Highway Specification" or as directed by the city engineer
Flowable Fill	Removal flowable fill (mix specified in Section 6018)
Trench Backfill	Graded gravel, Type CA-5, Section 1102, "Kansas Highway Specification"

All temporary surfacing placed on public streets will consist of cold mix asphalt at a minimum. Maintenance of the temporary patch is the responsibility of the contractor and is considered a subsidiary item unless noted otherwise in the contract documents.

All drives, parking areas, and other pavement or asphalt surfaces which are removed or damaged shall be replaced to at least their original thickness. Materials used shall be new and shall match the existing surfacing as closely as possible in type, kind and quality, with the exception of drive approaches which shall be constructed of 4000 psi portland concrete as per Sections 2000 and 2100.

7005 CONCRETE WALKS. Concrete walks removed in connection with, or damaged as a result of, construction operations shall be replaced with new construction. Such walks shall be constructed of concrete on a thoroughly compacted subgrade, shall have a vertical thickness at least as thick as the existing walks, but not less than four inches (4") thick, shall be constructed with expansion joints spaced not exceeding fifty feet (50') apart, and shall be sloped for drainage at right angles to the longitudinal centerline in the amount of approximately one-fourth inch (1/4") per foot of walk width. Temporary sidewalks may be required as directed by the city engineer.

Concrete materials and workmanship shall conform to the applicable requirements of Section 2000 *Concrete* of these specifications.

Surface finish of concrete walks replaced shall conform to, and shall match as closely as possible, that of existing concrete walk surfaces.

7006 CONCRETE CURBS AND GUTTERS. Concrete curbs and gutters which have been removed or damaged by reason of construction operations or any other cause shall be replaced with new concrete construction. New curb and gutter sections shall be as designated on the drawings and detailed on Standard Details 21-1 and 21-2.

Concrete materials and workmanship shall conform to the applicable requirements of Section 2100 *Concrete Curb, Curb and Gutters, Sidewalk, and Driveway Entrances* of these specifications.

Construction and expansion joints, dimensions, elevations and surface finish of curb and gutter replacements shall conform to, and shall match as closely as possible, that of adjacent existing concrete curbs and gutters.

7007 GRAVEL SURFACING. Existing gravel drives, parking and surfacing which is removed or damaged during the progress of the work shall be replaced with an aggregate surfacing at least as thick as that removed, but in no case less than four inches (4").

New aggregate surfacing shall match existing surfacing as nearly as possible in size, gradation, color, and compaction.

7008 MISCELLANEOUS REPAIR WORK. All existing items and construction, whether or not indicated by the drawings but which are removed or damaged as a result of construction operations under this contract, shall be repaired or replaced unless otherwise required by the drawings.

Repair or replacement shall be with materials similar to those existing, and shall in each case restore the item to its original or better condition as acceptable to the engineer and the owner thereof.