

## SECTION 8000 RESTORATION OF SURFACE CONSTRUCTION

8001 SCOPE This section covers restoration of concrete and asphalt pavement, gravel surfacing, walks, drives, curbs, and other surface construction removed or damaged during construction.

8002 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.

8003 REFERENCE STANDARD. Materials and construction methods, as referred to herein, shall conform to all applicable sections of these technical specifications.

8004 PAVEMENT REPLACEMENT. The replacement of all street surfacing shall be in accordance with the pavement replacement detail shown on the Standard Detail. The replacement concrete and asphalt pavement shall be composed of a concrete base course at least seven (7) inches thick and an asphaltic concrete overlay at least two (2) inches thick. New concrete base shall set on a bench of undisturbed subgrade material extending at least 3' beyond the limits of the excavation area. Materials and workmanship shall conform to the following:

Concrete	As specified in Section 2000
Asphaltic Concrete	As specified in Section 1400
Trench Backfill	MoDot Type 1 granular material

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.

8005 CONCRETE WALKS. Concrete walks removed in connection with, or damaged as a result of, construction operations shall be replaced with new construction. Any replaced walk that intersects a street shall have an ADA ramp installed per Section 2200. Such walks shall be constructed of concrete on a thoroughly compacted sub-grade, shall have a vertical thickness at least as thick as the existing walks, but not less than four (4) inches thick, shall be constructed with expansion joints spaced not exceeding fifty (50) feet apart, and shall be sloped for drainage at right angles to the longitudinal centerline in the amount of approximately one-fourth (1/4) inch per foot of walk width.

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.

8006 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 as detailed on the Standard Details.

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

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.

8007 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 (4) inches.

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

8008 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, shall be repaired or replaced unless otherwise required by the drawings.

Repair and replacement of existing grass area shall be as follows:

- Existing privately owned yards outside of the ROW shall be replaced with sod of a like type.
- Other yards, ROW's and rural areas shall be seeded according to Section 8200 of these specifications.

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.