

SECTION 7000 - RESTORATION OF SURFACE CONSTRUCTION

- 7001 SCOPE.** This section covers restoration of concrete and asphalt pavement, gravel surfacing, sidewalks, drive approaches, curbs, and other features removed or damaged during construction.
- 7002 GENERAL.** All pavement or other features which are removed or damaged beyond the construction limits during the progress of the work shall be restored to original or better condition by the Contractor, at his expense, unless otherwise specified in the contract documents. All restoration work shall be subject to acceptance by the City Engineer. All materials used for restoration work shall be new.
- 7003 REFERENCE STANDARD.** Materials and construction methods shall comply with the applicable sections of these Technical Specifications and the City of Gardner *Design Criteria for Public Improvements*.
- 7004 PAVEMENT REPLACEMENT.** Street restoration shall be in accordance with all applicable Standard Details. Materials and workmanship shall conform to Table 7004-1, or as approved by the City Engineer.

Table 7004-1 - Street Restoration Material Specification References

Surface Material	Applicable Technical Specification
Concrete	Section 2000
Asphalt	Section 1300
Trench Backfill	Section 6000 - Low-Strength Flowable Fill

All temporary surfacing placed to maintain traffic until the street restoration work can be completed shall be cold mix asphalt at a minimum. Required thickness of the temporary surfacing will be determined by the City Engineer. Maintenance of the temporary surface is the responsibility of the Contractor and is a subsidiary item unless noted otherwise in the contract documents.

- 7005 CONCRETE WALKS.** Concrete sidewalk removed in connection with, or damaged as a result of construction operations, shall be replaced with new concrete and associate materials. The work shall conform to the Technical Specifications and all applicable Standard Details.

The surface finish of concrete sidewalk replaced, unless otherwise approved, shall match as closely as possible, the existing adjacent concrete sidewalk surfaces.

- 7006 CONCRETE CURBS AND GUTTERS.** Concrete curbs and gutters that have been removed or damaged shall be replaced with new concrete and associated materials conforming to the Technical Specifications and all applicable Standard Details.

Dimensions, elevations and surface finish of curb and gutter that is replaced, unless otherwise approved by the City Engineer, shall conform to, and shall match as closely as possible, the existing adjacent concrete curb and gutter.

- 7007 GRAVEL SURFACING.** Existing gravel drives, roadways, and parking areas that have had the gravel surfacing 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 shall it be less than four (4) inches.

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

7008 MISCELLANEOUS REPAIR WORK. All existing items and construction, which are removed or damaged as a result of construction operations, shall be repaired or replaced unless otherwise approved by the City Engineer. The costs of replacing or repairing surfaces outside the construction limits shall be the responsibility of the contractor.

Repair or replacement shall be in accordance with these specifications or as otherwise directed by the City Engineer.

When trenching in the roadway occurs a steel plate shall be required prior to opening the roadway to traffic. Steel plates must be a minimum of ¾" thick and large enough to span over 1' onto the undisturbed roadway in all directions. Steel plates shall be pinned and ramped with Hot mix asphalt (HMA) on all sides. Advanced warning signs of the street plate shall be installed. The costs for installing and maintaining the street plates shall be the responsibility of the Contractor.