

SURFACE RESTORATION. Item 301

Section 301.1. Description. Surface restoration shall include restoration of all paved and unpaved surfaces damaged by, or as a result of, construction operations, to the condition that existed at the start of the work.

Pavement restoration shall be in accordance with the Standard Drawings and the following specifications:

- Sec. 301.2. Pavement Reconstruction
- Sec. 301.3. Asphalt Roadway
- Sec. 301.4. Reinforced Portland Cement Concrete Pavement on Subbase
- Sec. 301.5. Traffic Compacted Surface
- Sec. 301.6. Asphalt Driveway
- Sec. 301.7. Concrete Driveway
- Sec. 301.8. Concrete Sidewalk

Unpaved surface restoration shall include reseeding grass areas as specified in Section 301.9 Seeding and Fertilizing.

Sec. 301.2. Pavement Reconstruction. The Contractor shall replace all existing pavements which have been damaged or removed as a result of the work.

The Contractor shall replace said surfaces with the type and thickness of pavement originally in place with materials in accordance with the following requirements.

The Contractor shall use such methods, as sawing, drilling or chipping as will assure the breaking of the pavement along straight lines without disturbing the sections of base and pavement which will remain in place. The face of the remaining pavement shall be approximately vertical. The Contractor shall cut back the edges of the undisturbed pavement sufficiently to provide a sound supporting shoulder of undisturbed materials outside of the limits of the actual work.

Sec. 301.3. Asphalt Roadway. This pavement shall consist of two (2) courses of 4 inch depth each, bituminous aggregate base meeting the requirements of ODOT Item 301; a bituminous prime coat meeting the requirements of ODOT Item 408, the bituminous material being RT-3 or RT-4 of ODOT Item 702.09 applied at a rate of 0.40 gallons per square yard; and an asphalt concrete surface course meeting the requirements of ODOT Item 448, the compacted thickness being 2 inches.

Edges of the asphalt concrete surface course and joints where a new asphalt concrete surface course meets existing paving shall be sealed with an approved liquid asphalt cement.

Sec. 301.4. Reinforced Portland Concrete Pavement on Subbase. This pavement shall be placed on properly prepared subgrade consisting of compacted aggregate base having a minimum thickness of 6 inches and meeting the requirements of ODOT Item 304. The pavement shall consist

of a single layer of reinforced portland cement concrete meeting the requirements of ODOT Item 451, except as modified herein, the finished thickness being 8 inches minimum.

Reinforcement shall meet the requirements of ODOT Item 709.10 and shall be welded steel wire fabric designation 6x6-W2.9xW2.9 (42 pounds per 100 square feet).

Consolidation methods shall meet the requirements of ODOT Item 451.09 except that a highway type finishing machine is not mandatory; the concrete shall be adequately tamped or vibrated to produce a dense pavement structure; station numbers are not required.

Curing methods shall meet the requirements of ODOT Item 451.10 except that vehicles and heavy equipment shall not be used on the pavement until the test cylinders show a compressive strength of 2,500 psi after 7 days of curing at or above 50°F.

Sec. 301.5. Traffic Compacted Surface. This pavement shall be placed on properly prepared subgrade and shall consist of a single wearing course of aggregate meeting the requirements of ODOT Item 410, the compacted thickness being 6 inches.

Sec. 301.6. Asphalt Driveway. Asphalt residential driveway pavement shall consist of two (2) courses of 4 inch depth each, compacted crushed aggregate base course meeting the requirements of ODOT Item 304; a bituminous prime coat meeting the requirements of ODOT Item 408, the bituminous material being RT-3 or RT-4 of ODOT Item 702.09 applied at a rate of 0.40 gallons per square yard; and an asphalt concrete surface course meeting the requirements of ODOT Item 448, the compacted thickness being 2 inches. All other driveway pavement requirements to be established by design traffic loads.

Edges of the asphalt concrete surface course and joints where a new asphalt concrete surface course meets existing paving shall be sealed with an approved liquid asphalt cement.

Sec. 301.7. Concrete Driveway. Concrete driveway pavement shall be as specified for reinforced portland cement concrete pavement on subbase, Section 301.4.

Sec. 301.8. Concrete Sidewalk. Concrete sidewalk shall consist of a single layer of Class "C" portland cement concrete to match existing installation meeting the requirements of ODOT Item 499 and shall be placed on a properly prepared subgrade.

Forms shall be used and shall extend the full depth of the concrete. The forms shall have sufficient strength to result in walkway edges that are straight.

The subgrade shall be moistened thoroughly immediately prior to placing concrete. The concrete shall be deposited in a single layer. It shall be struck off with a template and smoothed with a float to obtain a sandy texture. No plastering shall be permitted. All outside edges and joints shall be edged with a one-fourth inch radius

edging tool. The surface of the walks shall be divided into blocks by grooves equally spaced at approximately five foot intervals, or as shown on the Standard Drawings to form rectangular blocks. Construction joints shall be formed around all appurtenances such as manholes, structures or poles that abut or are within the limits of the walkways. Transverse expansion joint strips one-half inch in thickness and extending the full depth of the walk shall be placed at intervals of not more than 30 feet. Expansion joint strips at least one-half inch in thickness shall also be installed between the junction of the walk with all curbs and any fixed structures, extending the full depth of the walk.

Curing of concrete walkways shall be in accordance with the requirements of ODOT Item 451.10.

Sec. 301.9. Seeding and Fertilizing. The Contractor shall seed and fertilize all backfills and embankments and also all other areas on the project site not occupied by structures, pavements or sidewalks where the Contractor's operations have damaged or destroyed sod existing at the commencement of work. Site conditions, as determined by the Engineer, may make sodding or plug sodding a more appropriate alternative than seeding. Sodding shall be conducted in accordance with ODOT Item 660.

Seeding and fertilizing shall be in accordance with ODOT Item 659.

SITE RESTORATION. Item 302

Section 302.1. Description. Upon completion of final backfilling, the Contractor shall remove all excess materials, all construction structures, equipment and debris, restore any damaged areas such as roadways, pavements walkway or structure on the project site due to his operations, restore any shrubbery or other ornamental vegetation damaged by the construction work, remove all construction debris, materials and equipment from existing and new structures, and clean all conduits, pipe lines and personnel working areas installed or used by the Contractor in the performance of the work. Also included under this Item is the restoration of any fences, piping, utility poles including guy wires and anchors, curbs and gutters, overhead and underground wires, signs, grading and drainage patterns damaged by the construction work.

All property line markers (iron pin, concrete monument, etc.) that are disturbed by the construction operations shall be properly reset under the supervision of a Registered Surveyor of the State of Ohio.

Surface restoration shall be in accordance with Section 301 - Surface Restoration of these Specifications.

Site restoration shall be in accordance with ODOT Item 603.09, unless noted otherwise.