

SECTION 0211

PAVEMENT REPLACEMENT

0211.0100 GENERAL

0211.0101 Description of Work. The work under this section shall consist of furnishing and installing pavement replacement. Installation of pavement replacement shall be in accordance with the plans and the requirements of these specifications.

0211.0200 PRODUCTS

0211.0201 Materials.

Asphaltic Pavement and Sealcoat Material Standards. All pavement replacement construction shall conform to the Pima County/City of Tucson Specifications for Public Improvements. The following materials and specifications shall apply.

<u>Category</u>	<u>Standard Section</u>	<u>Remarks</u>
* Asphaltic Concrete	406	Mix No. 1
* Aggregate Base Course	303	100% Density
* Grading	205	95% Subgrade Compaction
* Tack Coat	404	---
* Chip Seal Coat	404	Single Application (full widths)
* Slurry Seal Treatment	412	Alternatively may use Mix No. 3
	406	
* Cement Treated Base	304	Class "P" Concrete

0211.0300 EXECUTION

0211.0301 General. Pavement, ditches, driveways and roadways disturbed or damaged by the CONTRACTOR's operations, not directly associated with pipeline installation, shall be restored or replaced by the CONTRACTOR to as good condition as they were previous to the commencement of the Work at no additional cost to the OWNER. All pavement that is cut or removed shall be replaced according to the following specifications:

0211.0302 Removal of Asphaltic or Concrete Pavement. Pavement removal for the pipeline will include all asphaltic or concrete pavement, plus subbase material within the limits specified. Existing pavement shall be power saw cut to provide a clean edge for new pavement. Wheel cutting is not permitted. Pavement removed prior to trenching shall be a width of at least twelve inches past each side of the proposed trench.

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Transverse crossing of paved streets requires replacement of twice the trench width for the pipeline and pipeline appurtenances. Damaged pavement outside the pavement cut width limits shall be saw cut in perpendicular cuts and shall also be removed and replaced by CONTRACTOR at his expense. Pavement removal for transverse crossing will include all asphaltic or concrete pavement, plus subbase material. Where temporary patching is required, pavement removal to the full-specified width shall be deferred until the temporary patch is removed.

0211.0303 Temporary Paving Patch. CONTRACTOR shall place a 2-inch thickness of temporary cold mix patch pavement immediately after backfilling trenches in paved roadways. The CONTRACTOR shall maintain in good and safe condition during progress of the entire Work, the surface of the paved area over the trench, and shall promptly fill all depressions over and adjacent to the trench caused by settlement of backfill. Final surface shall be of uniform texture, conforming to the existing pavement grades.

0211.0304 Temporary Paving Patch Removal. 1.) The temporary paving patch shall be removed from the trench and the trench be excavated to provide for the permanent pavement replacement. 2.) Any over-excavation shall be brought to grade with aggregate base course. If it has not already been accomplished in the backfill, the subgrade is then to be wetted to optimum moisture content and compacted to 95% of standard density as determined by test designation ASTM D-698, Method A. 3.) The existing paving edge shall receive a tack coat of liquid asphalt before the new pavement is laid in contact with it.

0211.0305 Replacement of Asphaltic Pavement.

(A) All asphaltic pavement replaced in the public right-of-way shall conform with the current Pima County/City of Tucson Standards Specifications for Public Improvements.

(B) Pavement replacement in areas where existing pavement was placed five or fewer years before the pavement cut shall conform to the Type "B" pavement patch in the Tucson Water Standard Details. (SD 650).

(C) Pavement replacements in areas where existing pavement was placed more than five years before the pavement cut shall conform to the Type "A" pavement patch in the Tucson Water Standard Details. (SD 650).

(D) For longitudinal trenches with top widths that exceed four feet, the roadway shall be repaved with a combination of materials having the same structural strength and surface course as the existing pavement (with a minimum of 2" AC over 6" ABC) according to the following schedule:

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<u>Trench Width at Top</u>	<u>Repaving Width</u>
4' – 12'	One-half pavement width or one lane width, depending on trench location.
Over 12'	Full pavement width

Patches for transverse trench shall be twice the trench width.

0211.0306 Removal of Loose Cover Aggregate. CONTRACTOR shall remove all the loose cover aggregate from the finished pavement patch before traffic has dispersed the loose chips throughout. This work is to be done before final acceptance of the job.

0211.0307 Pavement Striping. Pavement striping shall be as required by Pima County. At a minimum, CONTRACTOR shall provide “in kind” striping after removal of loose material.

0211.0400 MEASUREMENT AND PAYMENT

0211.0401 General. All work associated with pavement replacement as covered in this Section shall be made at the unit price bid as specified in Section 1450 of the Tucson Water Standard Specifications and Details, 2008 Edition.