



6705 - SPECIFICATION FOR BITUMINOUS SIDEWALKS AND DRIVEWAYS

6705 - 1 DESCRIPTION

- 1.01 The work shall consist of bituminous sidewalks and driveways constructed at the locations and in conformity with the lines, grades, and dimensions shown on the plans or designated by the Engineer.

6705 - 2 MATERIALS

- 2.01 The bituminous mix shall be supplied in accordance with the requirements for Hot-Mix Bituminous Surface Course (Specification 4100).
- 2.02 The Contractor shall supply and pay for forming material, if required.

6705 - 3 CONSTRUCTION

- 3.01 Existing sidewalks and driveways shall be removed in accordance with the requirements for Removal of Concrete Curbs, Sidewalks, and Driveways (Specification 2165) and/or Removal of Timber Sidewalks and Driveways (Specification 2170).
- 3.02 The bed for the sidewalk and driveway shall be excavated and prepared to the lines, grades, and cross sections shown on the plans or designated by the Engineer. Unsuitable material shall be removed and disposed of as designated by the Engineer.
- 3.03 A layer of granular or other approved material shall be placed, to form a bed, in accordance with the requirements for Granular Backfill (Specification 6600).
- 3.04 Forms shall be timber or metal. Forms shall be straight, free from warp, and of sufficient strength to resist springing, tipping, or displacement. Forms shall have smooth straight upper edges.
- 3.05 Forms shall have a smooth surface on the side placed next to the bituminous surface course. Forms shall be cleaned before the bituminous mix is placed against them.
- 3.06 The outside form dimensions shall be not less than the depth of sidewalk or driveway.
- 3.07 The forms shall be sufficiently tight to prevent leakage of bituminous mix.
- 3.08 The forms shall be securely staked and braced to line and grade and maintained in a true position during the placing of bituminous mix.
- 3.09 No bituminous mix shall be placed until the base and forms have been approved by the Engineer. The Contractor shall have forms placed and ready for inspection at least one-half (1/2) day in advance of placing bituminous mix.
- 3.10 Forms will not be required if the Contractor uses a paving machine approved by the Engineer.
- 3.11 The bituminous mix shall be supplied and placed in accordance with the requirements for Bituminous Surface Course (Specification 4100), except that a self-propelled paving machine is not required.
- 3.12 The bituminous surface course shall be compacted to not less than ninety (90) percent of the maximum density as determined by Test 9200.

- 3.13 The bituminous surface course shall be shaped around public utilities located in the sidewalk or driveway. A mark shall be placed in the bituminous surface course to mark the location of all public utilities located under the sidewalk or driveway.
- 3.14 If designated by the Engineer, a flush coat shall be applied in accordance with the requirements for Bituminous Prime, Tack, and Flush Coat (Specification 4000).
- 3.15 Earth backfill shall be placed between the sidewalk or driveway and the adjacent curb or property line on an Extra Work basis. Exposed surfaces of the backfill shall be neatly trimmed.

6705 - 4 MEASUREMENT

- 4.01 Bituminous sidewalks and driveways will be measured in square metres. The actual surface area will be measured as staked by the Engineer.
- 4.02 The length of depressed bituminous driveways will be measured between the high points of the taper.

6705 - 5 PAYMENT

- 5.01 Payment for BITUMINOUS SIDEWALKS and /or BITUMINOUS DRIVEWAYS will be at the contract unit price per square metre. The unit price will be full compensation for supplying forming material; preparing the bed; placing and removing forms; unloading, heating, and storing bituminous binder; removing overburden; excavating, crushing, screening, stockpiling, and drying aggregate; adding filler and/or blender sand at the mixing plant; and mixing, loading, hauling, dumping, spreading, compacting, and finishing the bituminous surface course.
- 5.02 Payment for hauling filler or blender sand to the mixing site will be in accordance with the requirements for Haul (Specification 2405).
- 5.03 Payment for flush coat will be in accordance with the requirements for Bituminous Prime, Tack, and Flush Coat (Specification 4000).
- 5.04 Payment for granular backfill will be in accordance with the requirements for Granular Backfill (Specification 6600).
- 5.05 Payment for removing sidewalks and driveways will be in accordance with the requirements for Removal of Concrete Curbs, Sidewalks, and Driveways (Specification 2165) and/or Removal of Timber Sidewalks and Driveways (Specification 2170).