

SECTION 9.22
BITUMINOUS CONCRETE SIDEWALK
BITUMINOUS CONCRETE DRIVEWAY

9.22.01--Description: This item shall consist of bituminous concrete surfaced sidewalk or driveway constructed on a gravel or reclaimed miscellaneous aggregate base course in the locations and to the dimensions and details shown on the plans or as directed by the Engineer and in accordance with these specifications.

9.22.02--Materials: Materials for this work shall conform to the following requirements:

1--Gravel or Reclaimed Miscellaneous Aggregate: Gravel or reclaimed miscellaneous aggregate for the base course shall conform to the requirements of Article M.02.01 for granular fill.

2--Bituminous Concrete Surface: Materials for this surface shall conform to the requirements of Section M.04, Class 2.

9.22.03--Construction Methods:

1--Excavation: Excavation, including removal of any existing sidewalk, or driveway, shall be made to the required depth below the finished grade, as shown on the plans or as directed by the Engineer. All soft and yielding material shall be removed and replaced with suitable material.

2--Forms: When the bituminous concrete is spread by hand, forms shall be used. Forms shall be of metal or wood, straight, free from warp and of sufficient strength to resist springing from the impact of the roller. If made of wood, they shall be of 38 mm surfaced plank except that at sharp curves thinner material may be used; if made of metal, they shall be of an approved section. All forms shall be of a depth equal to the depth of the sidewalks or driveways and shall be securely staked, braced, and held firmly to the required line and grade. All forms shall be cleaned and oiled each time they are used.

3--Base Course: Gravel or reclaimed miscellaneous aggregate for the base course shall be uniformly spread upon the subgrade to the required depth and thoroughly compacted with a roller with a mass of not less than 226 kg.

4--Bituminous Concrete Surface: This surface shall be constructed in accordance with the requirements of Section 4.06, except that the material may be spread by hand and thoroughly compacted by multiple passes of a roller with a mass of not less than 226 kg.

5--Backfilling and Removal of Surplus Material: The sides of the sidewalk or driveway shall be backfilled with suitable material thoroughly compacted and finished flush with the top of the sidewalk or driveway. All surplus material shall be removed and the site left in a neat and presentable condition to the satisfaction of the Engineer. In sections inaccessible to the roller, the base course, surface course and backfill shall be hand-tamped with tampers with a mass of not less than 5.5 kg, the face of which shall not exceed 32 000 mm² in area.

9.22.04--Method of Measurement: This work will be measured for payment as follows:

1--Bituminous Concrete Driveway--Bituminous Concrete Sidewalk: This work will be measured by the actual number of square meters of completed and accepted sidewalk or driveway.

2--Excavation: Excavation below the finished grade of the sidewalk or driveway, backfilling, and disposal of surplus material will not be measured for payment; but the cost shall be included in the price bid for the sidewalk or driveway. Excavation above the finished grade of the sidewalk or driveway will be classified and paid for as roadway excavation.

3--Gravel or Reclaimed Miscellaneous Aggregate Base: This work will not be measured for payment but the cost thereof shall be included in the price bid for the sidewalk or driveway.

9.22.05--Basis of Payment: This work will be paid for at the contract unit price per square meter for "Bituminous Concrete Sidewalk" or "Bituminous Concrete Driveway," as the case may be, complete in place, which price shall include all excavation as specified above, backfill, disposal of surplus material, gravel or reclaimed miscellaneous aggregate base, and all equipment, tools, labor and materials incidental thereto.

Pay Item	Pay Unit
Bituminous Concrete Sidewalk	m ²
Bituminous Concrete Driveway	m ²