

SECTION 609 -- CONCRETE DRIVEWAYS

609.01 -- Description

The Contractor shall prepare the subgrade, furnish all materials, and construct a wearing course composed of portland cement concrete as prescribed in the plans.

609.02 -- Material Requirements

1. The concrete Class shall be specified in the contract bid proposal Schedule of Items.
2. All materials shall be furnished by the Contractor and shall conform to the requirements in Table 609.01.

Table 609.01

Material Requirements	
<u>Applicable Materials</u>	<u>Section</u>
Concrete	1002
Preformed Joint Filler.....	1015

609.03 -- Construction Methods

1. The subgrade shall be prepared in accordance with the requirements of Sections 302 or 303, whichever is applicable.
2. The forms shall be constructed in accordance with the requirements of Subsection 603.03.
3.
 - a. The Contractor shall place the concrete on the prepared subgrade so there will be no segregation of the concrete.
 - b. The concrete shall be finished in accordance with the requirements of Subsection 603.03.
 - c. Concrete driveways shall be protected and cured by one of the methods prescribed for curing concrete pavement in Subsection 603.03.
4. Surfaces of driveways shall be jointed in accordance with the details and at the locations shown in the plans.
5. Preformed joint filler shall be placed at locations and in accordance with the details shown in the plans. At each joint, both sides shall be edge finished while the concrete is plastic.
6. When required, integral curb shall be constructed in accordance with the requirements of Subsection 603.03.

7. The Contractor shall dispose of any excess soil or other materials.

609.04 -- Method of Measurement

1. Preparation of the subgrade shall be measured in accordance with Sections 302 or 303, whichever is applicable.
2. Concrete driveways will be measured for payment by the square yard.

609.05 -- Basis of Payment

1.	<u>Pay Item</u>	<u>Pay Unit</u>
	Concrete _____ Driveway	Square Yard (SY)

2. Preparation of the subgrade shall be paid for in accordance with Sections 302 or 303, whichever is applicable.

3. If more than one thickness of driveway is shown in the plans, an appropriate designation will be added to the pay item to differentiate the thickness required.

4. a. The 28-day compressive strength of each day's production will be determined from cylinder strength tests.

- b. Payment shall be reduced by the amount prescribed in Table 603.02.

- c. (1) The Contractor has the option to take 3 core samples at no additional cost to the Department. The average compressive strength of these cores will be used to determine the actual 28-day compressive strength of each day's production.

- (2) Cores must be taken within 30 days from the date the concrete was poured.

- (3) The Engineer shall select the site where the cores will be taken.

5. Payment is full compensation for all work prescribed in this Section.