

**ITEM 608.1203 11 - PRECAST CONCRETE BLOCK PAVED SIDEWALKS AND DRIVEWAYS (BITUMINOUS SETTING BED)**

**DESCRIPTION:** Apply §608-1

**MATERIALS:** Apply §608-2 with the following additions:

§702-1 – Performance-Graded (PG) Binders for Paving

**Neoprene-Modified Asphalt Adhesive** shall consist of 2% neoprene, grade WM1, oxidized asphalt with a R & B softening point of 68°C minimum and a penetration of 80, and 10% asbestos-free fibers.

**CONSTRUCTION DETAILS:** Apply §608-3.05 with the following additions:

Precast Concrete Block Pavers shall be laid in a bituminous setting bed over the specified concrete or bituminous subbase. Thickness of the compacted bituminous setting bed shall be  $\frac{3}{4}$  inch. Do not use the bituminous setting bed to correct deficiencies in the subbase. The setting bed shall consist of performance graded binder meeting 64-22 or higher the requirements outlined in Table 702-1 of the Standard Specifications, mixed with fine aggregate meeting the requirements of §703-01. The asphalt cement shall be 7.0% of the total batch weight. The mix shall be heated to approximately 325°F. A coating of neoprene-modified asphalt adhesive meeting the requirements of 608-2.03A shall be applied by mopping, squeegeeing or troweling over the top surface of the setting bed per manufacturer's instructions to provide bond under the grouted stone block pavers.

After pavers are placed on the adhesive, set them in it with at least one pass of a minimum 135 kg water-filled hand roller. Replace any cracked units with whole units and set them with the hand roller.

**METHOD OF MEASUREMENT:** Apply §608-4.05

**BASIS OF PAYMENT:** Apply §608-5.05