

## 836 - DRIVEWAYS

### 836.1 DESCRIPTION

All concrete, asphalt, or gravel driveways that are damaged or removed shall be constructed to the same widths and with the same material that existed prior to construction, unless noted otherwise on the plans.

### 836.2 MATERIALS

#### a. Concrete

Concrete shall be classified as KCMMB 4K in accordance with Section 401 "Concrete Construction".

#### b. Asphalt

Asphalt shall be in accordance with "Overland Park Superpave Asphaltic Concrete Intermediate Course".

#### c. Gravel

Gravel shall be in accordance with Section 1104 "AB-3 Overland Park Modified"

#### d. Concrete Pavers

Concrete pavers shall be in accordance with Section 862 "Concrete Paver Stones".

### 836.3 CONSTRUCTION REQUIREMENTS

#### a. Subgrade

All concrete and asphalt driveways shall be constructed on a prepared subgrade, compacted to 95% for a depth of 6 inches in cut sections, and to a depth of 18 inches in fill sections.

#### b. Concrete Driveways

Where construction requires the removal and replacement of existing concrete driveways, such removal shall be accomplished by first sawing the existing driveway as shown on the plans, and removing all material to be replaced. A one-half inch (1/2") premolded expansion joint shall be installed at the sawed joint, and the driveway and drive apron replaced with concrete. Concrete driveways shall be replaced to a minimum thickness of 6 inches, except that in no case shall it be less than the section being replaced, and it shall include wire mesh if the existing driveway is so reinforced. If wire mesh is used, it shall be 6 inch x 6 inch #6 WWF provided in sheet form. Rolled wire mesh shall not be allowed. All concrete shall conform to KCMMB 4K concrete as defined in Section 401 "Concrete Construction". Driveways shall receive a nonslip finish obtained by a wood float and hair brush or broom applied transverse to the centerline of the driveway.

All joints in concrete driveways shall be tooled, or as approved by the Engineer. Joints shall be tooled after brooming to provide a "picture frame" appearance.

#### c. Asphalt Driveways

Where roadway construction requires the removal and replacement of existing asphalt driveways, such driveways will be sawed and all material removed as shown on the plans. The driveway shall be replaced with a minimum of 6 inches of Asphaltic Concrete Intermediate Course upon the prepared subgrade, but in no case shall it be less than that section being replaced. Placing and compaction of the asphalt driveway pavement shall be in accordance with specification section "Overland Park Superpave Asphaltic Concrete Surface and Intermediate Course".

#### d. Gravel Driveways

Where construction requires the removal and replacement of existing gravel driveways, such driveways shall be removed as shown on the plans. The minimum pavement section for gravel replacement shall be 6 inches of AB-3, which shall be laid watered, manipulated and compacted in lifts not to exceed 3 inches.

#### e. Concrete Paver Driveways

Residential driveways with concrete pavers shall have four inches of concrete or commercial grade asphalt as a base plus one inch of bedding sand. Commercial driveways with pavers shall have six

inches of Portland Cement Concrete or commercial grade asphalt as a base plus one inch of bedding sand. Edge restraint must be provided in any case to confine the paved section to the design dimensions.

#### **836.4 MEASUREMENT AND PAYMENT**

The Engineer will measure the concrete driveway replacement of specified thickness by the square yard of exposed surface and measure the asphalt driveway replacement of specified thickness by the ton.

Payment for “Concrete Driveway” and “Asphalt Driveway (Intermediate Course)” at the contract unit prices bid is full compensation for the specified work.

The Engineer will measure the gravel driveway replacement of the specified thickness by the square yard of placed material.

Payment for “Aggregate Base (AB-3 OP Modified)” used in gravel driveway replacement at the contract unit price bid is full compensation for the specified work.