

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Fence (Standard)	Linear foot
Corner brace unit (Standard)	Each
Line brace unit (Standard)	Each
Pedestrian fence (Height)	Linear foot
Gate (Standard and length)	Each
Water gate (Standard)	Each or linear foot

## SECTION 508—DEMOLITION OF PAVEMENT AND OBSCURING ROADWAY

### 508.01—Description.

This work shall consist of demolition of pavement and obscuring roadway to restore areas that are no longer needed for highway use in accordance with these specifications and in reasonably close conformity to the lines and contours shown on the plans or as established by the Engineer.

### 508.02—Procedures.

#### (a) Demolition of Pavement Structures:

1. **Hydraulic cement concrete pavement** shall be demolished as follows:
  - a. **Pavement** shall be broken into pieces and either used in fill areas as rock embankment in accordance with the requirements of Section 303 or disposed of at locations selected by the Contractor and approved by the Engineer; *or*
  - b. **Material within the proposed roadway prism and more than 3 feet below the subgrade** may be broken into pieces not more than 18 inches in any dimension, sufficiently displaced to allow for adequate drainage, and left in the roadway prism.
2. **Asphalt concrete pavement** that does not overlay or underlie hydraulic cement concrete pavement shall be removed as follows:
  - a. **Pavement** shall be removed and used in the work as designated on the plans or as directed by the Engineer; *or*
  - b. When approved by the Engineer, pavement shall be removed and disposed of at locations selected by the Contractor.

3. **Cement stabilized courses underlying pavement** designated for demolition shall be disposed of in accordance with (a)1.a. or (a)1.b. herein.
4. **Aggregate underlying pavement designated for demolition**, except hydraulic cement concrete pavement disposed of in accordance with (a)1.b. herein, shall be salvaged and used for maintenance of traffic or, when approved by the Engineer, disposed of in accordance with (a)2.a. herein.

(b) **Obscuring Roadway:**

1. **Areas outside construction limits consisting of asphalt concrete or hydraulic cement concrete pavement** demolished in accordance with (a) herein shall be conditioned in accordance with the following:
  - a. Tops of slopes that do not contain rock shall be rounded for a distance of not more than 10 but not less than 5 feet (where sufficient right of way exists) beyond the point of intersection of the existing slope and the natural ground surface. The depth of the rounding shall be not more than 2 feet below the original surface of slopes.
  - b. Disturbed areas that are to receive vegetation shall be scarified or plowed, harrowed, and shaped.
  - c. Clearing and grubbing shall be performed in accordance with the requirements of Section 301.
2. **Areas outside construction limits consisting of pavement structures, other than asphalt concrete or hydraulic cement concrete**, that are designated for obscuring roadway shall be conditioned in accordance with (b)1. herein. Prior to the obscuring, pavement structures shall be removed in accordance with the applicable requirements of (a) herein.

**508.03—Measurement and Payment.**

**Demolition of hydraulic cement concrete pavement and shoulder structure courses or a combination thereof** will be measured as demolition of pavement (rigid) and will be paid for in square yards based on the width of the widest course. Such price shall include base, subbase and stabilized subgrade.

**Demolition of asphalt concrete pavement and shoulder structure courses or a combination thereof** will be measured as demolition of pavement (flexible) and paid for in square yards based on the width of the widest course. Such price shall include base, subbase and stabilized subgrade.

**Demolition of a combination of hydraulic cement concrete pavement and asphalt concrete pavement and shoulder structure courses or a combination**

**thereof** will be measured as demolition of pavement (combination) and paid for in square yards based on the width of the widest course. Such price shall include base, subbase and stabilized subgrade.

**Obscuring roadway** will be measured in units of 1,000 square feet computed to the nearest 1/10 unit and will be paid for at the contract unit price per unit. The area measured will be entirely outside the construction limits of the new roadway, as evidenced by slope stakes. Areas disturbed by the operations, including tops of slopes to be rounded, will be included in the measurement. Removing pavement structures other than hydraulic cement stabilized, hydraulic cement concrete, and asphalt concrete pavement structures in accordance with (b) 2. herein will be measured as regular excavation in accordance with the requirements of Section 303 or as lump sum grading on Minimum Plan and No Plan projects. Clearing and grubbing will be paid for in accordance with the requirements of Section 301.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Demolition of pavement	Square yard
Obscuring roadway	Unit
Demolition of Pavement (Type)	Square yard

## SECTION 509—PATCHING HYDRAULIC CEMENT CONCRETE PAVEMENT

### 509.01—Description.

This work shall consist of removing designated areas of defective hydraulic cement concrete pavement and unstable subbase material, replacing subbase material where required, and replacing pavement with high-early-strength hydraulic cement concrete in accordance with these specifications and in reasonably close conformity to the original lines and grades or those established by the Engineer.

### 509.02—Materials.

- (a) **Hydraulic cement concrete** shall conform to the requirements of Section 217 for Class A3 paving concrete except that the compressive strength shall be at least 3,000 pounds per square inch within 24 hours. The accelerated strength gain shall be achieved by the use of  $800 \pm 50$  pounds per cubic yard of Type III cement conforming to the requirements of AASHTO M-85 and approved air-entraining, accelerating, and water-reducing admixtures conforming to the requirements of Section 215. If calcium chloride is permitted as an accelerating admixture, it shall be lim-