

## 608.5 Payment

This work will be paid for at the Contract Price per cubic yard (meter) or per thousand (M) bricks for brick masonry complete in place.

Payment will be made under:

Item No. 608	Brick masonry	Per cubic yard (meter)
Item No. 608	Brick masonry	Per thousand (M)

### 608.5.01 Adjustments

General Provisions 101 through 150.

## Section 609—Removal of Portland Cement Concrete Roadway Slabs

### 609.1 General Description

This work includes removing the full depth of existing jointed Portland cement concrete pavement slabs of various lengths. The slabs to be removed are shown on the Plans or are designated by the Engineer.

#### 609.1.01 Definitions

General Provisions 101 through 150.

#### 609.1.02 Related References

##### A. Standard Specifications

Section 886—Epoxy Resin Adhesives

##### B. Referenced Documents

General Provisions 101 through 150.

#### 609.1.03 Submittals

General Provisions 101 through 150.

### 609.2 Materials

General Provisions 101 through 150.

#### 609.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

### 609.3 Construction Requirements

#### 609.3.01 Personnel

General Provisions 101 through 150.

#### 609.3.02 Equipment

General Provisions 101 through 150.

#### 609.3.03 Preparation

General Provisions 101 through 150.

#### 609.3.04 Fabrication

General Provisions 101 through 150.

#### 609.3.05 Construction

The Engineer will determine which slabs to remove and replace and whether to use full or partial slab replacement.

##### A. Partial Slab Replacements

The Engineer will determine the limits of removal. Remove and replace at least 6 ft (1.8 m) of slab measured longitudinally and 12 ft (3.6 m) measured transversely.

609.3.06

Any slab removal beyond the limits determined by the Engineer will be at no additional cost to the Department for removal and replacement.

1. Saw the slab full depth longitudinally along the center-line joint and shoulder joint and transversely along the area marked for removal, including transverse joints where applicable.
  - a. If approved by the Engineer, omit the shoulder joint cut if doing so does not damage the shoulder.
  - b. If necessary and if approved by the Engineer, make additional cuts within the removal area to remove the damaged slab more easily.
2. Thoroughly remove saw slurry and other contaminants from the over-cutting beyond limits of the removal area. Repair by filling the overcuts with Type II epoxy adhesive that meets the requirements of Section 886. Clean and fill the overcuts as soon as possible, but no later than when the joints are sealed.
3. Remove the damaged slabs by lifting. Do not fragment the slabs for removal unless approved by the Engineer.
4. Drill holes in each slab section to accommodate the expanding type lift anchors. Remove sections nearest the centerline joint first to minimize damage to the shoulder.

**NOTE: During removal, avoid damaging the pavement base, shoulder, or sides that will not be removed.**

5. Repair the damaged shoulder area to the Engineer’s satisfaction at the Contractor’s expense.
6. If the adjacent concrete pavement is damaged during removal, enlarge the removal area to include the damaged sections of adjacent concrete.  
All applicable rules regarding the minimum size of remaining slab will apply as shown on the Plans. Remove and replace additional slab lengths damaged from removing the initial slab at the Contractor’s expense.
7. Remove loose underlying base material to produce a sound, well-compacted base.
8. Thoroughly tamp the material loosened in the removal process to the Engineer’s satisfaction before replacing the slab.
9. Dispose of the slabs and underlying base material removed during this work.
10. Obtain the disposal site and necessary permits and agreements.

**609.3.06 Quality Acceptance**

General Provisions 101 through 150.

**609.3.07 Contractor Warranty and Maintenance**

General Provisions 101 through 150.

**609.4 Measurement**

Slabs and portions of slabs removed are measured by the square yard (meter) using the average squared dimensions. Removing underlying base material and cleaning and repairing overcuts is not measured for payment.

**609.4.01 Limits**

General Provisions 101 through 150.

**609.5 Payment**

Slabs and portions of slabs, measured as specified in Subsection 609.4, “Measurement” above, will be paid for at the Contract Unit Price bid. Payment is full compensation for sawing, cleaning, repairing over-cutting, and removing and disposing of the concrete and any underlying base material.

Payment will be made under:

Item No. 609	Remove roadway slab	Per square yard (meter)
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**609.5.01 Adjustments**

General Provisions 101 through 150.