

## 690 Sawing

### 690.1 Description

- (1) This section describes sawing of existing concrete or asphalt including pavement, curb & gutter, driveways, sidewalks, and similar work.

### 690.2 (Vacant)

### 690.3 Construction

#### 690.3.1 Equipment

- (1) Use diamond blades for sawing concrete where a full-depth cut is required. The contractor may use carbide cutting wheels to saw concrete that will be overlaid or for full-depth cuts where the cut face does not join the new concrete.

#### 690.3.2 Sawing Asphalt

- (1) Make straight saw cuts at least 2 inches deep. Saw so the surface remaining is generally vertical over its full depth. Saw to the depth the plan indicates or as the engineer directs or allows.

#### 690.3.3 Sawing Concrete

- (1) Do not extend saw cuts into newly placed concrete pavement or into existing pavements more than 12 inches beyond the limits the engineer designates. Saw full-depth unless the plans indicate otherwise or the engineer directs or allows otherwise.
- (2) Remove sawing sludge after completing each saw cut. Minimize sludge on live traffic lanes. Remove sludge from traffic control devices each day before dark. Dispose of sludge at an acceptable material disposal site or on engineer-approved areas of the roadway or roadside.

### 690.4 Measurement

- (1) The department will measure Sawing Asphalt and Sawing Concrete by the linear foot acceptably completed. The department will not measure overcuts beyond the limits the plans show or the engineer directs.
- (2) If performing Sawing Concrete in conjunction with concrete pavement repair and replacement or concrete base patching, the department will measure the applicable total quantity of the following:
  1. One full-depth longitudinal cut through the repair area if the engineer deems that cut necessary.
  2. Two full-depth transverse cuts, one at each limit of the repair area.
  3. Additional transverse cuts as necessary to reduce the removal slabs to a transportable size. The department will not measure cuts made to reduce removal slabs to a width less than 7 feet.
  4. Additional full-depth cuts the engineer directs to extend the repair limits, unless those cuts were required because of damage contractor operations caused.
- (3) The department will measure and pay for composite cuts through both asphalt and concrete as concrete.

### 690.5 Payment

- (1) The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
690.0150	Sawing Asphalt	LF
690.0250	Sawing Concrete	LF

- (2) Payment is full compensation for sawing and sludge removal.