

SECTION 690 SAWING PAVEMENT

690.1 Description

- (1) This section describes partial-depth or full-depth sawing of existing concrete or asphaltic pavement or surfacing, curb & gutter, driveways, sidewalks, and similar work.

690.2 (Vacant)

690.3 Construction

690.3.1 Equipment

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

690.3.2 Sawing Existing Pavement

- (1) Make straight saw cuts at least 2 inches (50 mm) deep. Saw so the surface remaining is generally vertical over its full depth.

690.3.3 Sawing Concrete Pavement Full-Depth

- (1) Do not extend saw cuts into newly placed concrete pavement or into existing pavements more than 12 inches (300 mm) beyond the limits the engineer designates.
- (2) Remove sawing sludge after completing each saw cut. Minimize sludge on live traffic lanes. Remove sludge from all 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 Existing Pavement and Sawing Concrete Pavement Full Depth 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 Pavement Full Depth in conjunction with the bid items Concrete Pavement Repair SHES, Concrete Pavement Repair, or Base Patching Concrete SHES, 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 transverse cuts, one at each limit of the repair area.
 3. Additional full-depth transverse cuts 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 (2 m).
 4. Additional cuts the engineer directs to extend the repair limits, unless those cuts were required because of damage contractor operations caused.

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>
690.0100	Sawing Existing Pavement	LF
690.0200	Sawing Concrete Pavement Full Depth	LF

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