

SECTION 658—CONCRETE SHOULDERS

658.1 DESCRIPTION—This work is construction of plain cement concrete shoulders, of the type indicated, on a prepared surface.

658.2 MATERIAL—

- Class AA Cement Concrete—[Section 704](#)
- Joint Sealing Material—[Section 705.4\(a\)](#), [\(b\)](#), or [\(d\)](#)
- Covers for Curing and Protection—[Section 711.1](#)
- Concrete Curing Compound—[Section 711.2\(a\)](#)
- Concrete Admixtures—[Section 711.3](#)
- Base Courses—[Sections 303.2](#), [350.2](#), and [360.2](#)
- Deformed and Plain Bar Dowels—[Section 709.1\(a\)](#)
- Premolded Expansion Joint Filler—[Section 705.1](#)
- Longitudinal Joint Material—[Section 705.2](#)

658.3 CONSTRUCTION—

(a) General. Construct concrete shoulders as shown on the [Standard Drawing RC 25M](#) and as specified in [Section 501.3](#), except as follows:

(f) Placement and Initial Strike-Off of Concrete. Revise the third paragraph of [Section 501.3\(f\)](#) as follows:

Do not damage the prepared surface while transporting or depositing concrete ahead of the paver. If the prepared surface is an asphaltic leveling course on rubblized concrete, treated base course of cement or asphalt, or a No. OGS subbase, travel on the prepared surface only in the immediate area of the paving operation for the purpose of depositing concrete ahead of the paver. Do not use the prepared surface for hauling. Repair or replace any damaged areas to the satisfaction of the Engineer, at no additional cost to the Department.

(g) Slip-Form Paving Method. Revise [Section 501.3\(g\)4](#) as follows:

4. Joints. Saw, cure, and protect transverse and longitudinal contraction joints, as specified in [Sections 501.3\(i\)](#) and [\(j\)](#).

(i) Transverse Joints. Revise [Sections 501.3\(i\)](#) as follows:

Delete the second paragraph.

Revise [Section 501.3\(i\)2](#), first paragraph as follows:

2. Contraction Joints. Accurately mark, using tacks or other approved methods, the location for the center of the sawed transverse contraction joints. Saw joints with equipment having guides, a blade guard, watercooling system, and cut-depth control. Provide adequate, extra equipment and parts at the site, before placing concrete and during sawing operations.

658.4 MEASUREMENT AND PAYMENT—Square Meter (Square Yard)