

# **EXPECTED IMPLEMENTATION JANUARY 2014**

## **D 353 CONCRETE PAVEMENT SLAB REPLACEMENT. (REV 5-20-13) (FA 7-16-13) (1-14)**

ARTICLE 353-1 (Page 347) is deleted and the following substituted:

### **353-1 Description.**

Replace the existing defective area of concrete pavement with portland cement concrete free of any uncontrolled cracks. Repair the damaged area of adjacent slabs, caused by slab removal at no cost to the Department.

ARTICLE 353-7 (Page 349) is deleted and the following substituted:

### **R 353-7 Placing, Striking Off, Consolidating and Finishing Concrete.**

Place concrete as specified in 350-8.

The requirements of 350-9 and 350-10 are applicable to this Section.

Perform straight edging while the concrete is still in plastic state after floating is completed and the excess water removed. Furnish and operate a 10 foot straightedge meeting the requirements of 350-3.6. Hold the straightedge in successive positions parallel to the road centerline, in contact with the surface, testing until the replacement slab is straight edged from one side to the other. Advance along the road in successive stages of not more than one-half the length of the straightedge. Fill any depressions immediately with freshly mixed concrete, strike-off, consolidate and refinish. Cut down and refinish any high areas. Continue straightedge testing and surface correction until the entire surface conforms to the required grade and cross section. Ensure that transverse slope deviations of the finished pavement do not exceed 1/8 inch with the straightedge laid in a direction perpendicular to the centerline. When portland cement concrete pavement abuts bridge approaches or pavement not under this Contract, ensure that the longitudinal slope deviations of the finished pavement do not exceed 1/8 inch in 10 foot length. Produce a uniform, gritty textured final finish longitudinally along the pavement by dragging a broom or seamless strip of damp burlap, having at least 3 feet in contact with the pavement.

If the Engineer identifies a surface irregularity determined to be objectionable in an area to be opened to traffic and the design speed is 55 mph or greater, straightedge with a 10 foot long straightedge and address all deficiencies in excess of 1/4 inch within 72 hours of placement by grinding in accordance with the requirements of Section 352.

When required in the Contract Documents, produce a pavement surface that is true to grade and uniform in appearance with a longitudinal line type texture by grinding in accordance with Section 352.