

EXPECTED IMPLEMENTATION JANUARY 2007

105 INCIDENTAL PRECAST CONCRETE MANUFACTURING FACILITIES QUALITY CONTROL PERSONNEL.

(REV 6-8-06) (FA 7-7-06) (1-07)

SUBARTICLE 105-5.11 (Page 144) is deleted and the following substituted:

105-5.11 Precast Concrete Drainage, Precast Box Culvert, Precast Concrete Pipe, Fiber Reinforced Concrete Pipe, Flexible Pipe, and Incidental Precast Manufacturing Facilities Quality Control Personnel:

105-5.11.1 Precast Concrete Drainage, Precast Box Culvert, Precast Concrete Pipe Fiber Reinforced Concrete Pipe, and Flexible Pipe Manufacturing Facilities Quality Control Personnel:

105-5.11.1.1 Level I Quality Control Inspectors: Ensure that the Level I Inspectors have completed a minimum of a 12-hour, Department approved, Level I Quality Control Inspector training course in the respective work area. As an exception to this, ensure Flexible Pipe Level I Quality Control Inspectors have completed a minimum of an 8-hour, Department approved, Level I Quality Control Flexible Pipe Inspector training course.

105-5.11.1.2 Level II Quality Control Inspectors: Ensure that Level II Inspectors have completed Department approved Level I Quality Control Inspector training and a minimum of a 5-hour, Department approved, Level II Quality Control Inspector training course in the respective work areas.

105-5.11.1.3 Plant Quality Control Manager: Ensure that Quality Control Manager has completed Department approved Level II Quality Control Inspector training and has a minimum of 2 years construction related experience in the specific work area.

105-5.11.1.4 Additional Requirements for Quality Control Personnel of Precast Concrete Drainage and Precast Concrete Box Culvert Manufacturing Facilities:

105-5.11.1.4.1 Testing Personnel: Ensure the personnel performing plastic property tests have ACI Concrete Field Testing Technician-Grade I certification. Ensure the personnel performing laboratory compressive strength testing have ACI Concrete Laboratory Testing Technician-Grade 1 certification or ACI Concrete Strength Testing Technician certification.

105-5.11.1.4.2: Batch Plant Operator: Ensure the concrete batch plant operator is qualified as a CTQP Concrete Batch Plant Operator. As an alternative to CTQP qualification, the Department will accept the completion of a minimum of a 6-hour, Department approved, Batch Plant Operator training course.

105-5.11.2 Quality Control Personnel of Incidental Precast Manufacturing Facilities:

105-5.11.2.1: Incidental Precast Concrete Plant Quality Control Inspectors: Ensure the Quality Control Inspectors meet the requirements of 105-5.11.1.4.1 and are qualified as CTQP Concrete Field Technician Level I.

105-5.11.2.2: Incidental Precast Concrete Plant Quality Control Manager: Ensure the Quality Control Manager meets the requirements of 105-5.11.2.1 and has at least two years of quality control experience, directly related to cement concrete production.

105-5.11.2.3: Alternative Incidental Precast Concrete Personnel Qualification: As an alternative to CTQP qualifications and CTQP Batch Plant

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Operator, the Department will accept quality control personnel meeting the qualification requirements of 105-5.11.1.

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