

INDIANA DEPARTMENT OF TRANSPORTATION

**INTER-DEPARTMENT COMMUNICATION
Standards Section -- Room N642**

March 17, 1999

**DESIGN MEMORANDUM No. 99-05
TECHNICAL ADVISORY**

TO: All Design, Operations and District Personnel, and Consultants

**FROM: /s/ Richard L. VanCleave
Richard L. VanCleave
Design Policy Engineer
Technical Services Division**

SUBJECT: Reinforced Concrete Bridge Approach Pavement

EFFECTIVE: For all projects let on or after September 1, 1999

Reinforced cement concrete pavement used at bridge approaches is now identified as Reinforced Concrete Bridge Approach. If the approaching roadway is PCCP, the thickness of the reinforced concrete bridge approach must match the thickness of the PCCP. If the approaching roadway pavement is PCCP of less than 250 mm (10 in.) thickness, or is HMA, the reinforced concrete bridge approach thickness must be 250 mm (10 in.). The reinforcing steel requirements are unchanged, and are the same for all pavement depths. Reinforced concrete bridge approach pavement is non-QC/QA.

Plans must be revised accordingly. The same standard drawings must still be called for. The pay unit for the concrete remains square meter (square yard). The pay unit for the reinforcing steel remains kilogram (pound). The new pay item code numbers and names are as follows:

501-51030	Reinforcing Steel
610-06257	Reinforced Concrete Bridge Approach, 250 mm (10 in.)
610-06258	Reinforced Concrete Bridge Approach, 275 mm (11 in.)
610-06259	Reinforced Concrete Bridge Approach, 300 mm (12 in.)
610-06261	Reinforced Concrete Bridge Approach, 325 mm (13 in.)
610-06262	Reinforced Concrete Bridge Approach, 350 mm (14 in.)
610-06263	Reinforced Concrete Bridge Approach, 375 mm (15 in.)

The bridge approach thickness in the new pay items will be the actual in-place thickness rather than a converted thickness.

For a reinforced concrete bridge approach thickness not listed above, the Systems Administrator in the Technical Services Division's Contracts Section must be contacted to obtain a pay item code number.

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