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TRANSMITTAL MEMORANDUM 06-01

TO: Division of Bridge Design Staff
Design Consultants

FROM: Allan W. Frank
Director
Division of Structural Design

DATE: June 28, 2006

SUBJECT: Various design issues

Completion of Structures Note:

In lieu of the "Incidental Materials and Labor" Note, include the following note in all structure plans:

COMPLETION OF THE STRUCTURE: The Contractor is required to complete the structure in accordance with the plans and specifications. Material, labor or construction operations, not otherwise specified, are to be included in the bid item most appropriate to the work involved. This may include cofferdams, shoring, excavations, backfilling, removal of all or parts of existing structures, phase construction, incidental materials, labor, or anything else required to complete the structure.

LRFD Implementation:

On structures for which Stage I finals have not been authorized by October 1, 2007, design using the LRFD Specifications. On structures for which Stage I finals have not been authorized by July 1, 2006 and with an anticipated letting date in 2009 or later, design using the LRFD Specifications. Until October 1, 2007, preliminary plans may use either code. KYTC interpretation of and/or exceptions to LRFD Specifications will be posted to the Division web site until our Guidance Manual is updated to address LRFD.

Steel H Piling:

Design using 50 ksi steel in H Piles. Until the Standard Drawings are updated, specify the steel grade in the plans.

Foundation Preparation:

Do not use Foundation Preparation as a bid item for bridges. Specify Common Excavation for bridges. Foundation Preparation may be used for culverts. For retaining walls, specify concrete, reinforcement and any excavation as incidental to the unit price per square foot of retaining wall.

Barrier Walls:

Specify barriers wall quantities per linear foot. The typical NJ barrier is a “Rail System Type 3”. If designing another barrier type, submit a base sheet for the new type and contact the Division of Structural Design to be assigned a Rail System Type number. Base sheets for the Rail System Type 3 are on the Division web site.