GENERAL NOTES

ALL PROJECTS THAT INVOLVE A STRUCTURAL APPROACH SLAB WILL ALSO HAVE A CONCRETE PAVEMENT APPROACH SLAB.

- SEE BRIDGE PLAN
- CONFORM TO SDD 13B02 SHEET A FOR CONCRETE PAVEMENT APPROACH SLAB DETAILS
- DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.
- EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.
- 1 1/2" EXPANSION JOINT WITHOUT DOWEL BARS
- 1 1/2" EXPANSION JOINT (NO DOWELS)

SECTION E - E
FOOTING DETAIL
STRUCTURAL APPROACH SLAB TO CONCRETE BRIDGE APPROACH

BASE AGGREGATE DENSE 1 1/2"

CONCRETE PAVEMENT APPROACH SLAB

STRUCTURAL APPROACH SLAB

EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.

1 1/2" EXPANSION JOINT WITHOUT DOWEL BARS
(SEE SECTION C - C)

REINFORCED SLAB (RS)

APPROACH SLAB FOOTING

SLAB TRANSITION
SEE SECTION C - C

6" MIN.
References:

FDM 14-10-15

Bid items associated with this drawing:

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<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
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<td>415.0060-0199</td>
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<td>415.1080-1199</td>
<td>Concrete Pavement HES (Inch) .........................</td>
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<td>Concrete Pavement Approach Slab ........................</td>
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**NOTE:** Bid items associated with Structural Approach Slab and Approach Slab Footing will be included in the bridge plan.

Standardized Special Provisions associated with this drawing:

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Other SDDs associated with this drawing:

Bureau of Structures – Bridge Manual

Design Notes:

FDM_14-10-15 provides guidance on bridge approach pavements. This SDD reflects AASHTO’s recommendation of providing pavement expansion away from the bridge abutment.

A Structural Approach Slab and a Concrete Bridge Approach is required on all I.H. and U.S.H. bridges.

Use Sheets “a” and “b” together in plan sets for all projects involving Structural Approach Slabs. Consider Structural Approach Slabs for other locations. Coordinate directly with the chief structural design engineer for any questions regarding Structural Approach Slabs or Approach Slab Footings.

Only Sheet “a” is needed for projects involving Concrete Bridge Approach. Pay limits for the Concrete Pavement Approach Slab bid items are shown in the drawings. The remaining area of the Concrete Bridge Approach, including the additional expansion joints, is paid for under the Concrete Pavement bid items.

Bid items associated with Structural Approach Slab and Approach Slab Footing will be included in the bridge plan.

Contact Person:

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