

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DESIGN DIRECTIVE**

<p>DD-631 BRIDGE APPROACHES <i>October 1, 2003</i></p>
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Approach slabs for bridges are considered an integral part of the bridge and are to be included in the bridge plans and quantities. The length of a bridge will be computed from paving notch to paving notch.

A bridge that is let separately shall include the approach slabs and the length of project or contract thereof shall include the approach slabs. The title sheet shall indicate, by length and stations, the breakdown between bridge and roadway. This breakdown is to be carried through to the estimate used in the PS&E assembly.

On projects for grade, drain, pave and structure, the quantities on the proposal are to be separated into roadway and structures with the approach slab included in the roadway items.

The material for base course for an approach slab shall be Item 307001-*, "Class 1 Aggregate Base Course," per cubic yard, six inches in thickness for the area of the approach slab or Item 311006-*, "Open Graded Free Draining Base Course," per cubic yard, thickness as per approach roadway for the area of the approach slab, with a statement that the same material as used for base on the adjacent pavement may be used under the approach slab at the unit price bid for the roadway item.

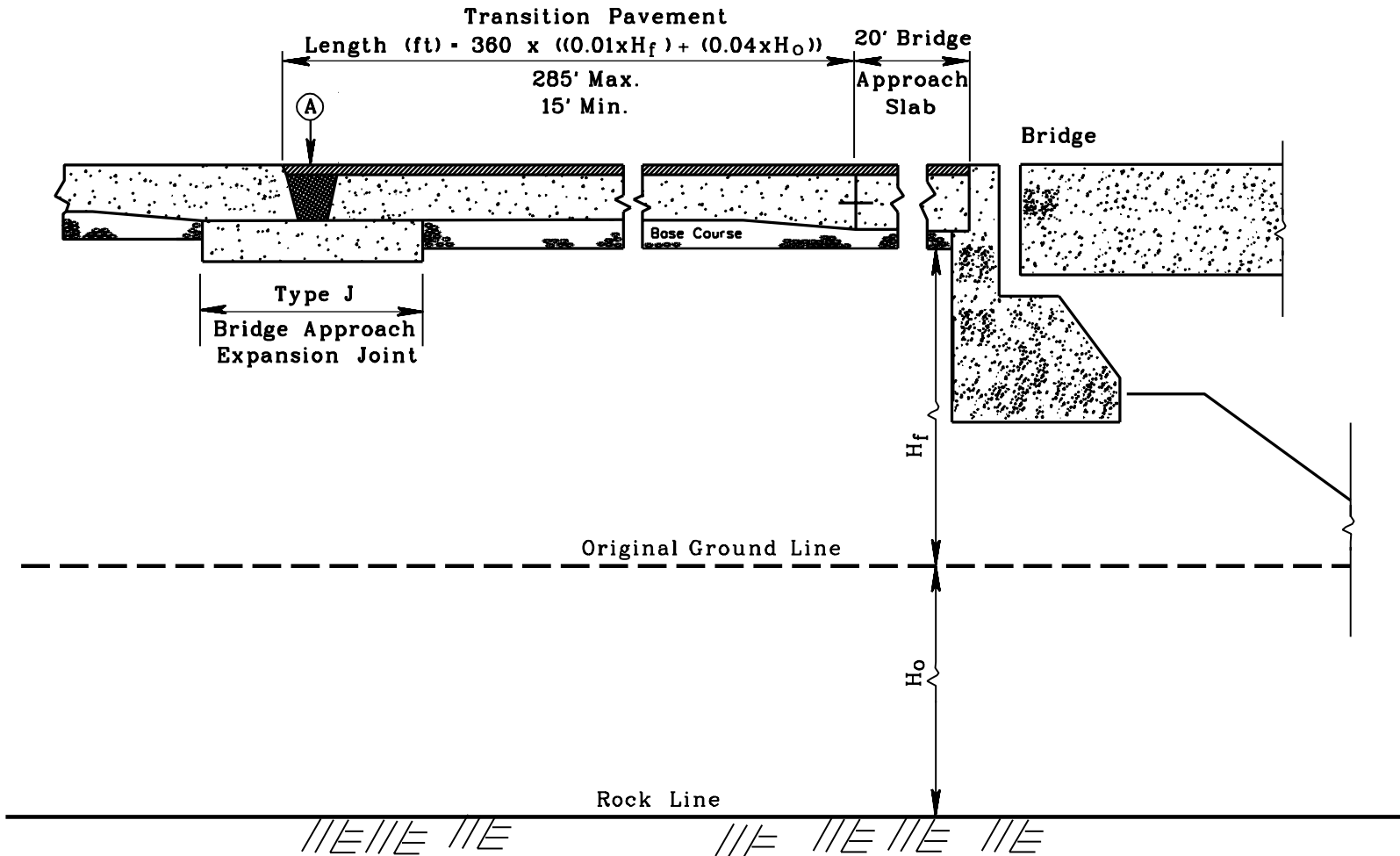
The purpose of the approach slab is to provide a safe and comfortable transition from the roadway to the bridge, and therefore, is to be designed for the conditions found at the bridge.

Bridge Approach Transition Pavement and the Type J Bridge Approach Expansion Joint as per the attached detail will be specified when transitioning from concrete pavement to a bridge.

The location of the Type J Joint will be shown on the plans. If the length of the Transition Pavement is zero (i.e. H_f and H_o are zero, pavement section is constructed into rock), the Type J Joint will not be applicable.

Attachment

BRIDGE APPROACH TRANSITION PAVEMENT



Notes:

1. H_f And H_o To Be Measured At The Back Of Abutment
2. Point (A) Is Located At The Center Of The 4' Wide Type J Bridge Approach Expansion Joint. The Location Of This Point Shall Be Shown On The Plans.