

REINFORCED CONCRETE BOX CULVERT BRIDGE RATING DATA SHEET

Structure Number _____ BIN: _____ Year Built: _____

County/City: _____ Division: _____ Feature Intersected: _____

Project Number: _____ Standard Drawing No. (If applicable): _____

Has the Culvert been Reconstructed/Widened? Yes No

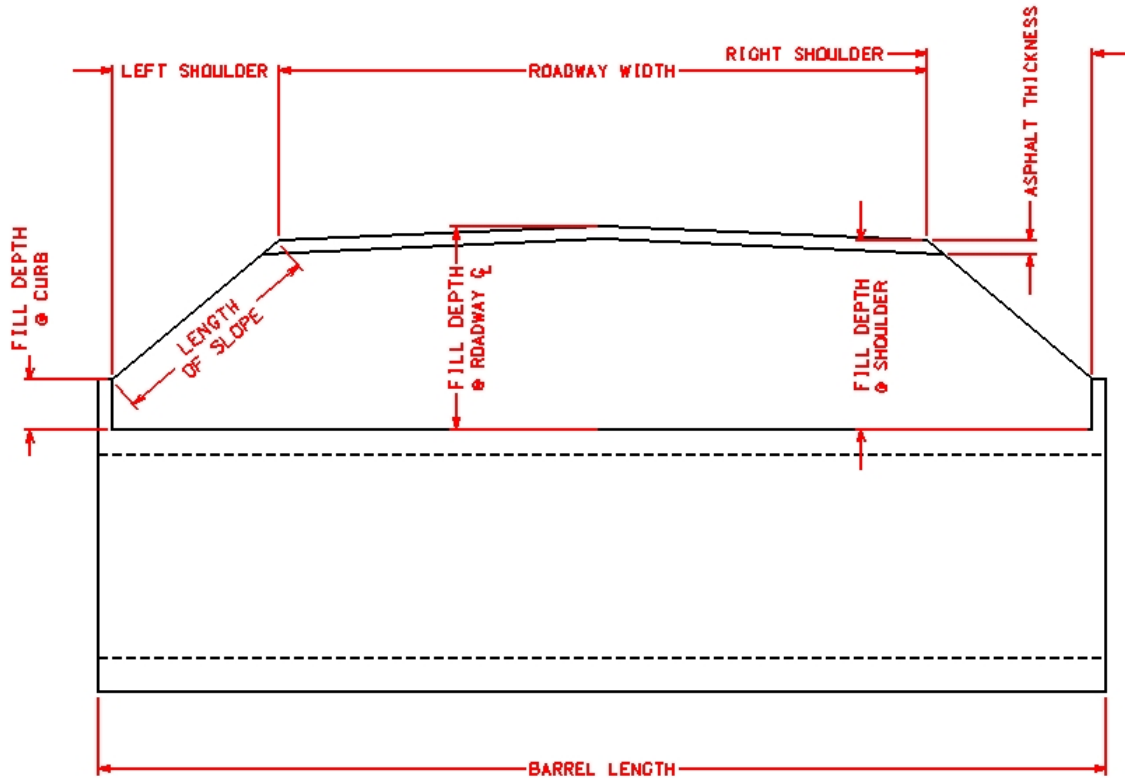
If the culvert has been Reconstructed/Widened: Year of Reconstruction/Widening _____

Reconstruction/Widening Project Number _____

Where Barrels Added? Yes No If so, which Barrels _____

Was the Culvert Lengthened? Yes No If so, How much _____

CULVERT DETAILS



Culvert Type: Cast in Place Precast Segmental Fill Depth @ Roadway Center Line = _____

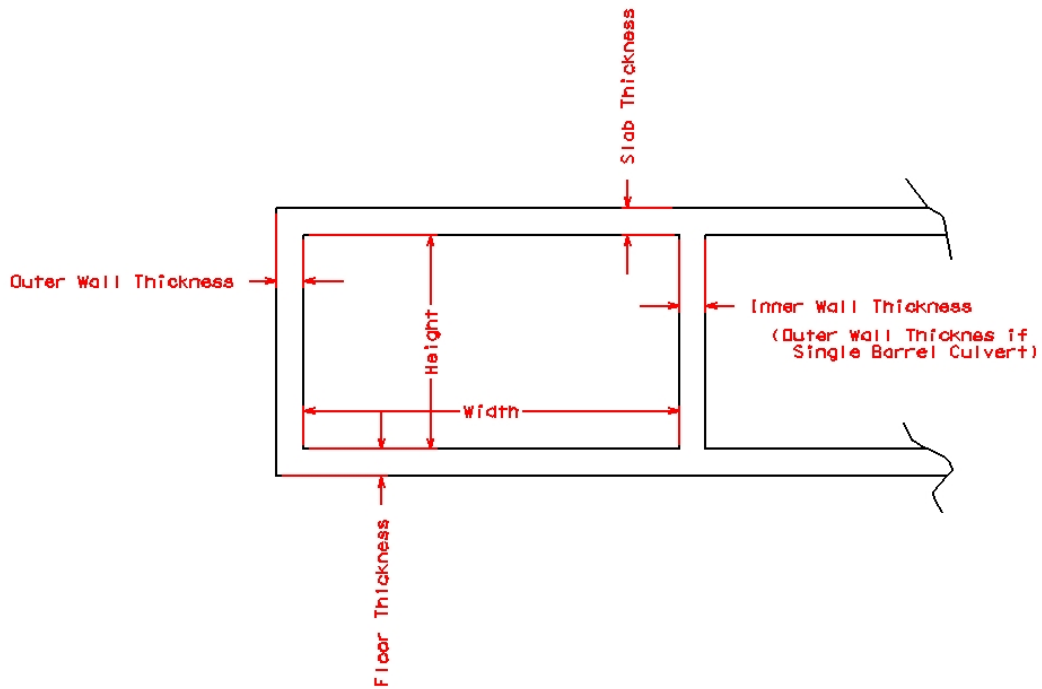
Number of Barrels: _____ Barrel Length: _____ Asphalt Thickness = _____ inches

Left Shoulder = _____ Roadway Width = _____ Right Shoulder = _____

Fill Depth @ Left Shoulder = _____ Fill Depth @ Right Shoulder = _____

Fill Depth @ Left Curb = _____ Fill Depth @ Right Curb = _____

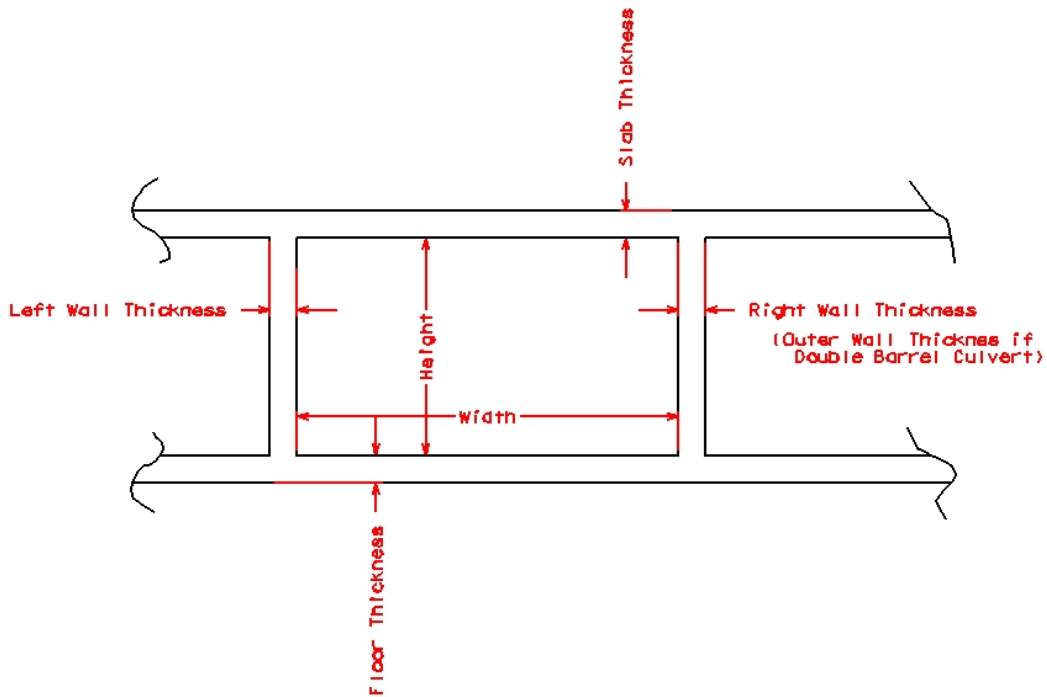
Length of Left Slope = _____ Length of Right Slope = _____



Barrel #: 1 Width: _____ Height: _____

Outer Wall Thickness: _____ inches Inner Wall Thickness: _____ inches

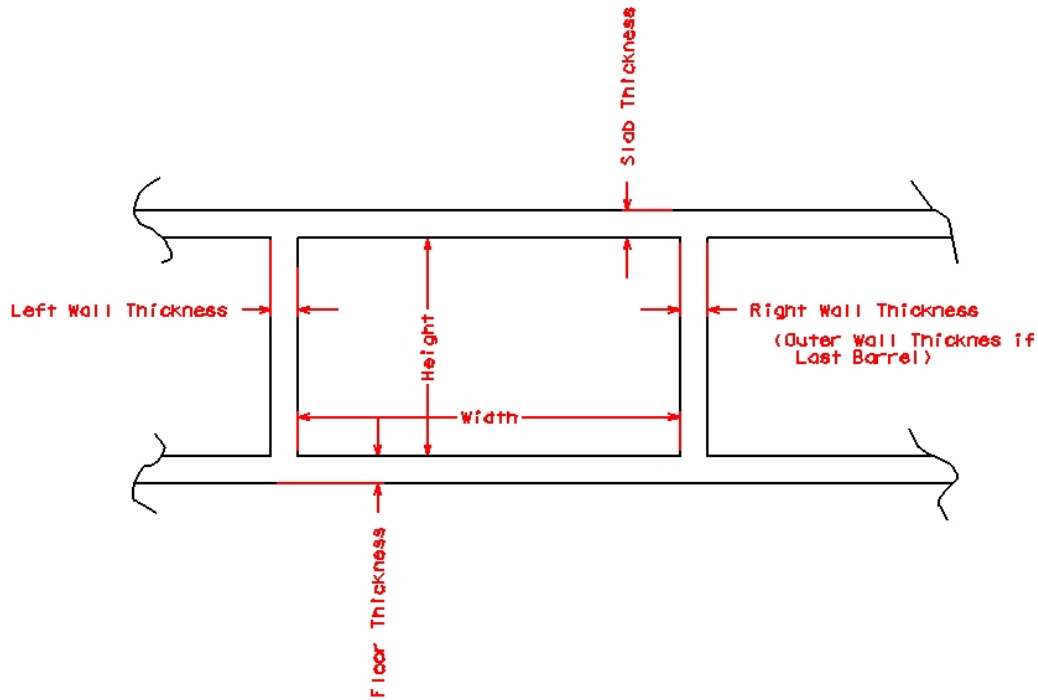
Slab Thickness: _____ inches Floor Thickness: _____ inches



Barrel #: 2 Width: _____ Height: _____

Left Wall Thickness: _____ inches Right Wall Thickness: _____ inches

Slab Thickness: _____ inches Floor Thickness: _____ inches



Barrel #: _____ Width: _____ Height: _____

Left Wall Thickness: _____ inches Right Wall Thickness: _____ inches

Slab Thickness: _____ inches Floor Thickness: _____ inches

Barrel #: _____ Width: _____ Height: _____

Left Wall Thickness: _____ inches Right Wall Thickness: _____ inches

Slab Thickness: _____ inches Floor Thickness: _____ inches

Barrel #: _____ Width: _____ Height: _____

Left Wall Thickness: _____ inches Right Wall Thickness: _____ inches

Slab Thickness: _____ inches Floor Thickness: _____ inches

Barrel #: _____ Width: _____ Height: _____

Left Wall Thickness: _____ inches Right Wall Thickness: _____ inches

Slab Thickness: _____ inches Floor Thickness: _____ inches

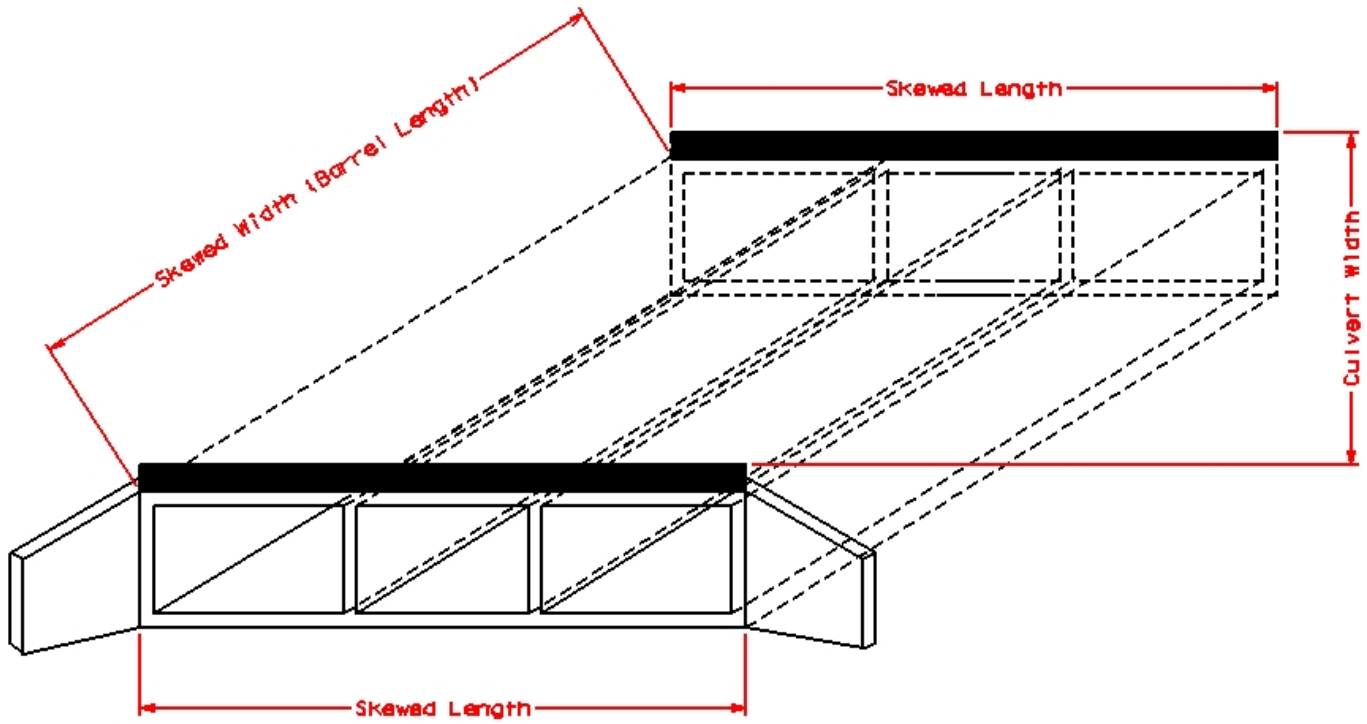
If there are any questions about anything on this form, please call the Bridge Rating Section of the Alabama Department of Transportation at 334-242-6500.

SKEWED CULVERT DETAILS

Is the Culvert Skewed: Yes No

Is the Skew Angle known: Yes No

Skew Angle = _____ °



Span Length = Σ Barrel Widths + Σ Wall Thicknesses

Skewed Length = _____

Span Length = _____

Skewed Width = _____

Culvert Width = _____

Date Submitted: _____

BIN: _____

Sheet _____ of _____

Sketch any deterioration that may affect the safe load capacity of the structure showing location and extent of flaw(s).

Please sketch any unusual characteristic of the structure that may need special consideration.

Some structures have several different types of spans. An overall sketch of the structure is helpful in such a situation. Submit as many forms as necessary to describe the entire structure.

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