

**ALABAMA DEPARTMENT OF TRANSPORTATION
BRIDGE BUREAU
ULTRASONIC JOINT DIAGRAM**

Project #: _____ County: _____ Sheet: _____ of _____

Fabricator: _____ Shop Order: _____ Joint: _____

Top Flange Bottom Flange Tension Compression

Girders: _____

Material thickness: _____ Material thickness: _____

Transducer Angle: _____ Transducer Angle: _____

Sound Path: Leg 1 _____ & Leg 2 _____ Sound Path: Leg 1 _____ & Leg 2 _____

Surface Distance: Leg 1 _____ & Leg 2 _____ Surface Distance: Leg 1 _____ & Leg 2 _____

Additional Decibels: Leg 1 _____ & Leg 2 _____ Additional Decibels: Leg 1 _____ & Leg 2 _____

Special Instructions: _____

NOTE: Use a 5" range when possible/ calculations are based on the transducer angle shown above, if angle changes pencil in new calculations.

