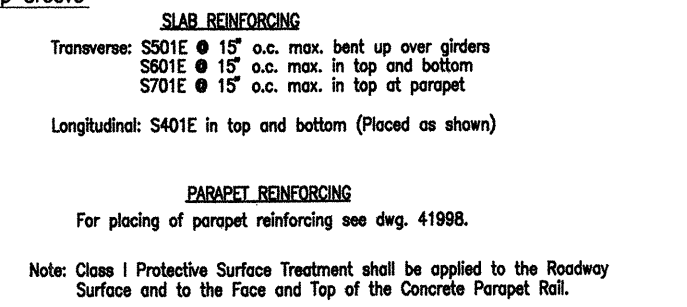


**Note:**  
The Superstructure details shown are for use when removable deck forming is used and are the basis for measurement of Class S(AE) Concrete. See Standard Drwg. No. 14991 for allowable modifications and for tolerances when Permanent Deck Forming is used.

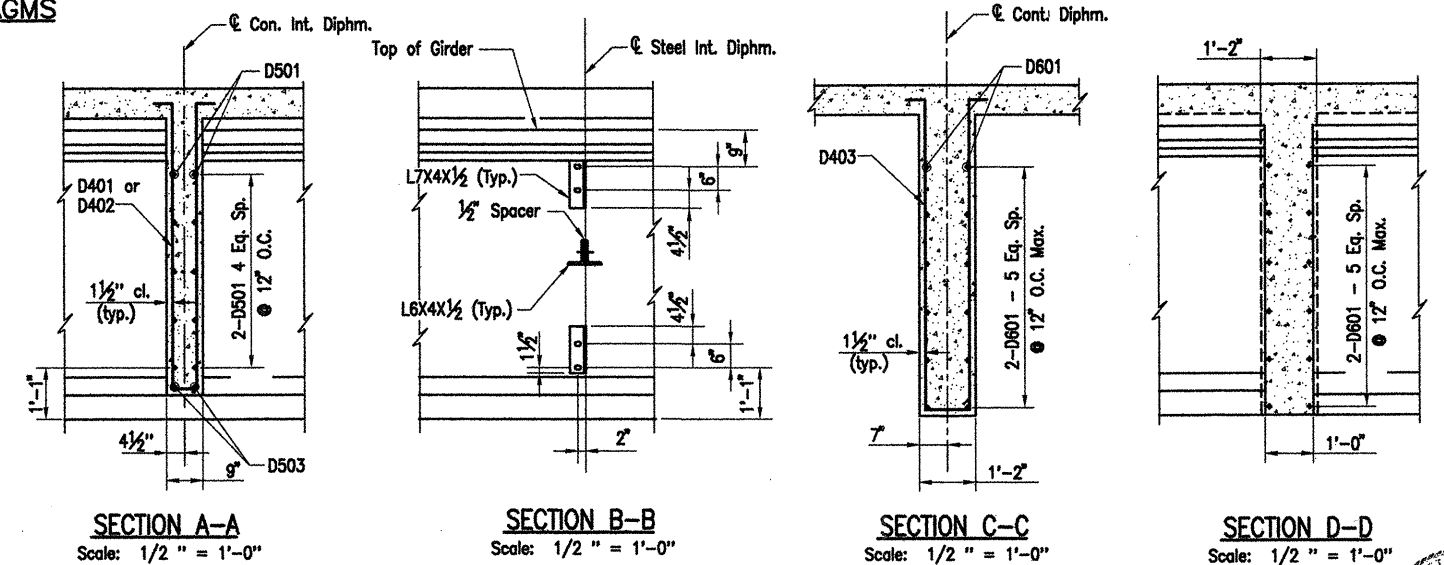


## ALTERNATE STRUCTURAL STEEL DIAPHRAGMS

TYPICAL PART-SECTION AT INTERMEDIATE DIAPHRAGMS

① Tolerance: Minus:  $\frac{1}{4}"$   
Plus:  $\frac{1}{2}"$

② Tolerance: Minus:  $\frac{1}{4}"$   
Plus: Equal to amount of slab thickening used to meet slab thickness tolerance



**SECTION A-A**  
Scale: 1/2" = 1'-0"

SECTION B-B  
Scale: 1/2" = 1'-0"

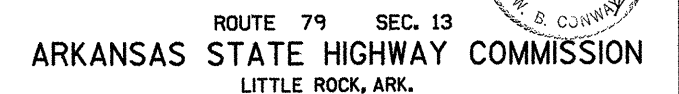
SECTION C-C  
Scale: 1/2" = 1'-0"

**SECTION D-D**  
Scale: 1/2" = 1'-0"

Diagram illustrating a parabolic curve with a 2.0% slope. The horizontal distance from the vertex to the ends of the curve is labeled  $2'-7''$ . The vertical distance from the level line to the vertex is labeled  $\frac{5}{16}''$ . The slope of the tangent line is labeled 2.0% Slope. The top of the roadway surface is indicated by a line following the curve.

NOTE: Working Point matches Theoretical Roadway Grade.

**ROUNDING DETAIL**  
No Scale



DRAWN BY: YO DATE: Nov. 07 FILENAME: b11039411\_s02  
 CHECKED BY: GPT DATE: Nov. 01 SCALE: 1/2" = 1'-0"  
 DESIGNED BY: YO/GPT DATE: Nov. 01  
 BRIDGE NO. 06830 DRAWING NO. 41995