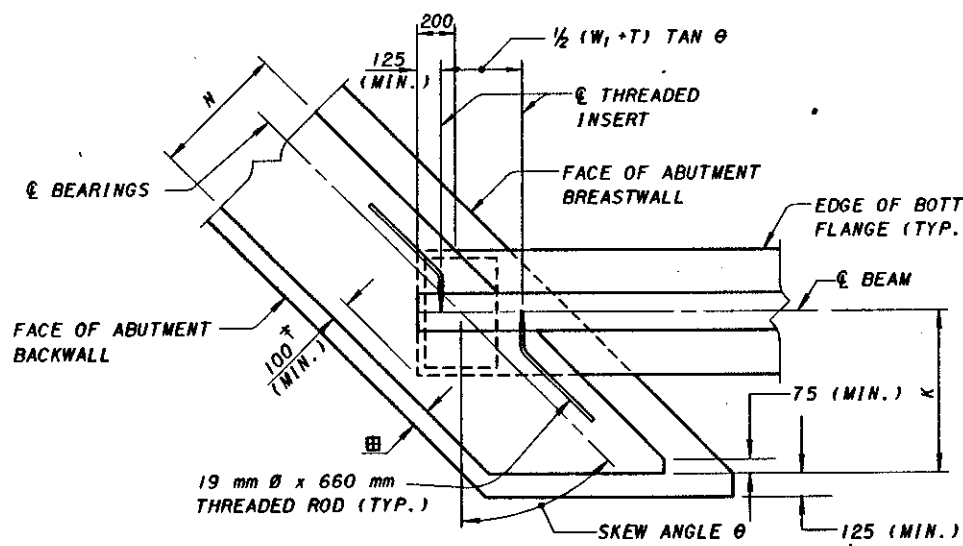


TYPICAL FRAMING PLAN
S - BEAM SPACING

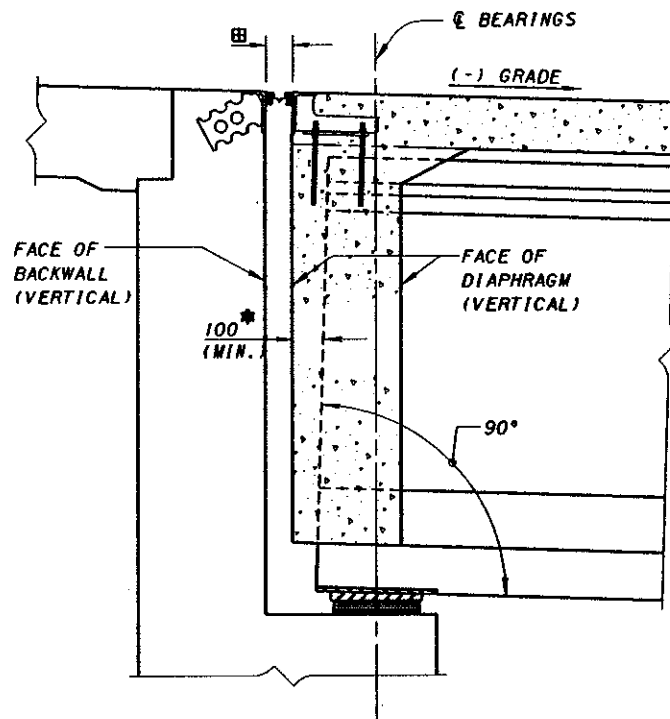


DETAIL A

† - DISTANCE SHALL BE MEASURED FROM THE LARGER OF THE TOP OR BOTTOM FLANGE WIDTH
 Ⓜ - SEE STANDARD DRAWING EXJ-6-95M FOR DIMENSION DEFINITION

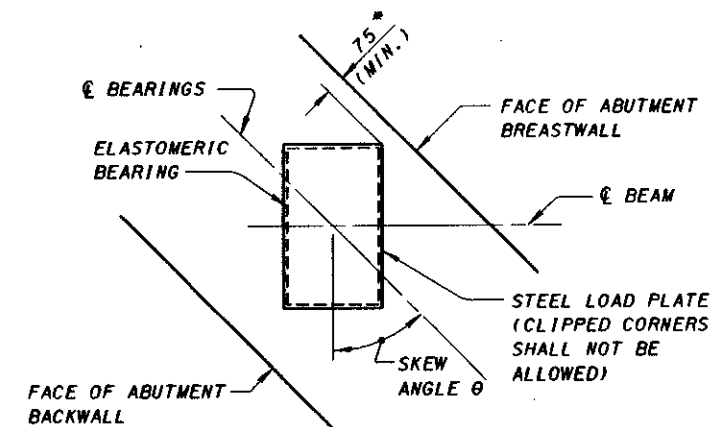
$$N = \text{LARGER OF } \begin{cases} 100 + w_1 \sin \theta + 200 \cos \theta \\ 100 + \frac{1}{2} w_1 \sin \theta + \frac{1}{2} w_2 \sin \theta + 200 \cos \theta \\ 460 \text{ mm} \end{cases}$$

w_1 - BOTTOM FLANGE WIDTH
 w_2 - TOP FLANGE WIDTH
 T - THICKNESS OF WEB
 $K = \frac{1}{2} w_2 + 375$



SECTION 1-1
(POSITIVE GRADE IS SIMILAR)

* - THIS DIMENSION IS MEASURED FROM THE VERTICAL FACE OF THE END DIAPHRAGM TO THE NEAREST POINT ON THE END OF THE BEAM.



BEARING ORIENTATION AT ABUTMENTS
 * - MEASURED TO STEEL LOAD PLATE IF STEEL LOAD PLATE IS USED, OTHERWISE MEASURED TO ELASTOMERIC BEARING.

SEE SHEET 4/7 FOR BEARING DETAILS.

DESIGN AGENCY: BUREAU OF BRIDGES AND STRUCTURAL DESIGN
 STATE OF OHIO DEPARTMENT OF TRANSPORTATION
 DATE: 9-18-95
 ENGINEER: Richard L. Englund
 PSID-1-95M
 LAM JS
 SAM
 STANDARD PRESTRESSED CONCRETE I-BEAM BRIDGE DETAILS
 3/7