USE LENGTH OF SLOT -ℓ- LARGER OF THE FOLLOWING :
(ROUND UP TO NEXT HIGHER $\frac{1}{4}$".)

$$\ell = \left(\begin{array}{l}\text{O.D. OF PIPE SLEEVE}\\\text{USED W/ANCHOR BOLT}\end{array}\right) + \left(\begin{array}{l}\text{2.25 X TOTAL DESIGN}\\\text{THERMAL MOVEMENT}\end{array}\right) + \left(\begin{array}{l}\text{1" CONSTRUCTION}\\\text{TOLERANCE } ②\end{array}\right)$$

$$\ell = \left(\begin{array}{l}\text{O.D. OF PIPE}\\\text{SLEEVE USED}\\\text{W/ANCHOR BOLT}\end{array}\right) + \left(\begin{array}{l}\text{2 X TOTAL}\\\text{(2 ENDS)}\\\text{END ROTATION}①\end{array}\right) + \frac{2}{3}\left(\begin{array}{l}\text{TOTAL DESIGN}\\\text{THERMAL}\\\text{MOVEMENT}\end{array}\right) + \left(\begin{array}{l}\text{1"}\\\text{CONSTRUCTION}\\\text{TOLERANCE } ②\end{array}\right)$$

NOTES TO DESIGNER:

① USE TOTAL DEAD LOAD DEFLECTION INCLUDING GIRDER DEFLECTION
WHEN CALCULATING END ROTATION.

② 1" CONSTRUCTION TOLERANCE IS NOT REQUIRED FOR PLATE
GIRDER SPANS WHEN 4"Ø STANDARD PIPE IS USED.
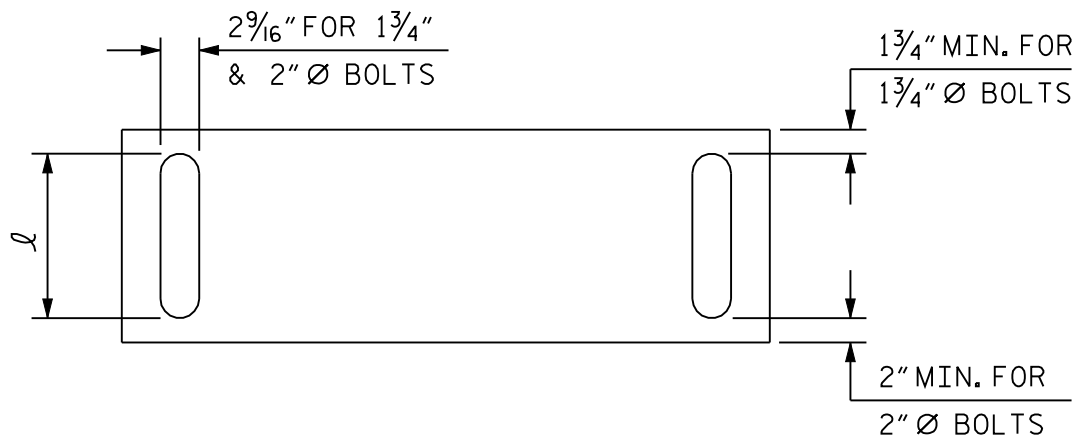
SLOT SIZE FOR
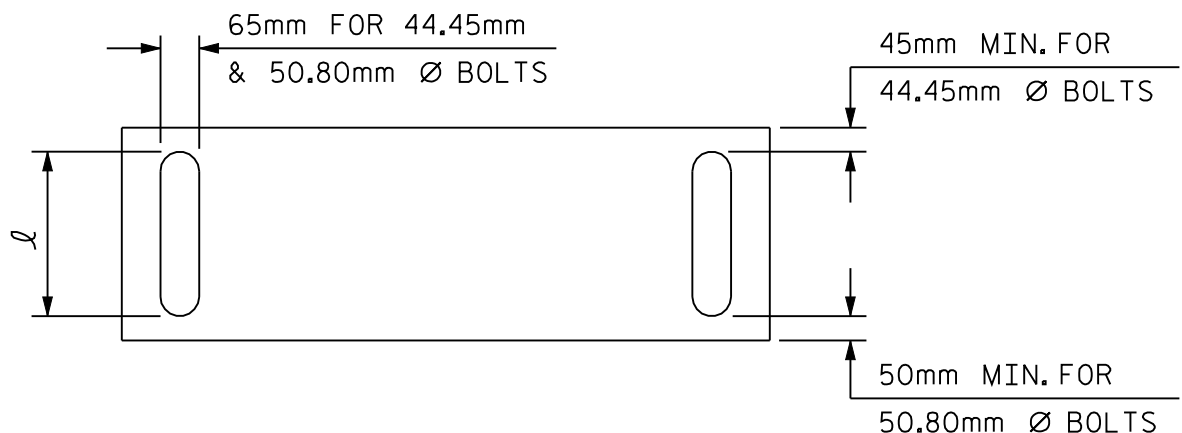EXPANSION END OF SPAN

FIGURE 6 – 132

USE LENGTH OF SLOT -ℓ- LARGER OF THE FOLLOWING :
(ROUND UP TO NEXT HIGHER 5mm.)

$$\ell = \left(\begin{array}{l}\text{O.D. OF PIPE SLEEVE}\\\text{USED W/ANCHOR BOLT}\end{array}\right) + \left(\begin{array}{l}\text{2.25 X TOTAL DESIGN}\\\text{THERMAL MOVEMENT}\end{array}\right) + \left(\begin{array}{l}\text{25mm CONSTRUCTION}\\\text{TOLERANCE \textcircled{2}}\end{array}\right)$$

$$\ell = \left(\begin{array}{l}\text{O.D. OF PIPE}\\\text{SLEEVE USED}\\\text{W/ANCHOR BOLT}\end{array}\right) + \left(\begin{array}{l}\text{2 X TOTAL}\\\text{(2 ENDS)}\\\text{END ROTATION \textcircled{1}}\end{array}\right) + \frac{2}{3}\left(\begin{array}{l}\text{TOTAL DESIGN}\\\text{THERMAL}\\\text{MOVEMENT}\end{array}\right) + \left(\begin{array}{l}\text{25mm}\\\text{CONSTRUCTION}\\\text{TOLERANCE \textcircled{2}}\end{array}\right)$$

NOTES TO DESIGNER:

① USE TOTAL DEAD LOAD DEFLECTION INCLUDING GIRDER DEFLECTION
WHEN CALCULATING END ROTATION.

② 25mm CONSTRUCTION TOLERANCE IS NOT REQUIRED FOR PLATE
GIRDER SPANS WHEN 102mm Ø STANDARD PIPE IS USED.

65mm FOR 44.45mm
& 50.80mm Ø BOLTS

45mm MIN. FOR
44.45mm Ø BOLTS

50mm MIN. FOR
50.80mm Ø BOLTS

SLOT SIZE FOR
EXPANSION END OF SPAN

FIGURE 6 – 132 M