
FIGURE 3-5. Von Mises stress (ksi) distribution around end-plate caused by bolt pretensioning for shallow beam.

FIGURE 3-6. Von Mises stress (ksi) distribution at ultimate applied moment for shallow beam.
FIGURE 3-7. End-plate separation (inches) at ultimate applied moment for shallow beam.

FIGURE 3-8. Bolt force vs. applied moment for shallow beam.