

FIGURE 3-9. Finite element mesh and tension bolt numbering scheme for MRE-1/3-1 1/4-5/8-62 (deep beam to rigid column flange).

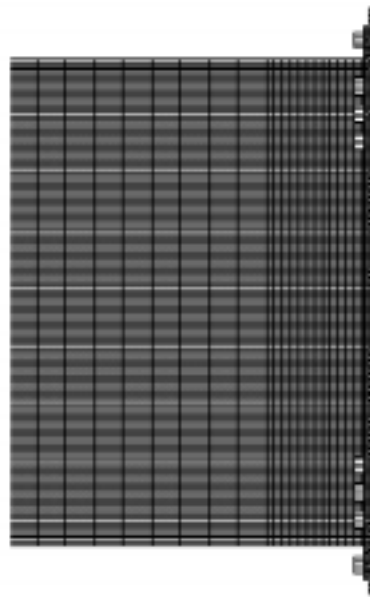


FIGURE 3-10. Finite element mesh for MRE-1/3-1 1/4-5/8-62 (deep beam to rigid column flange).

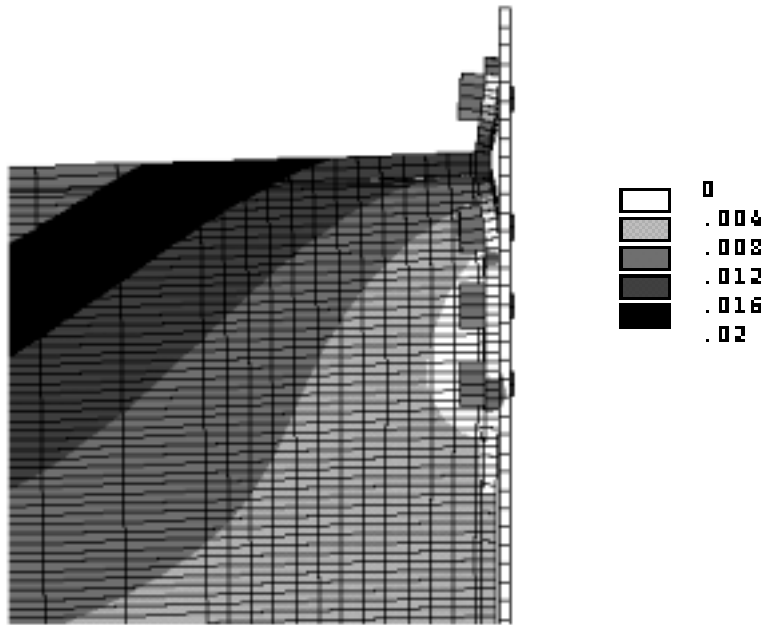


FIGURE 3-11. End-plate separation (inches) at ultimate applied moment for deep beam.

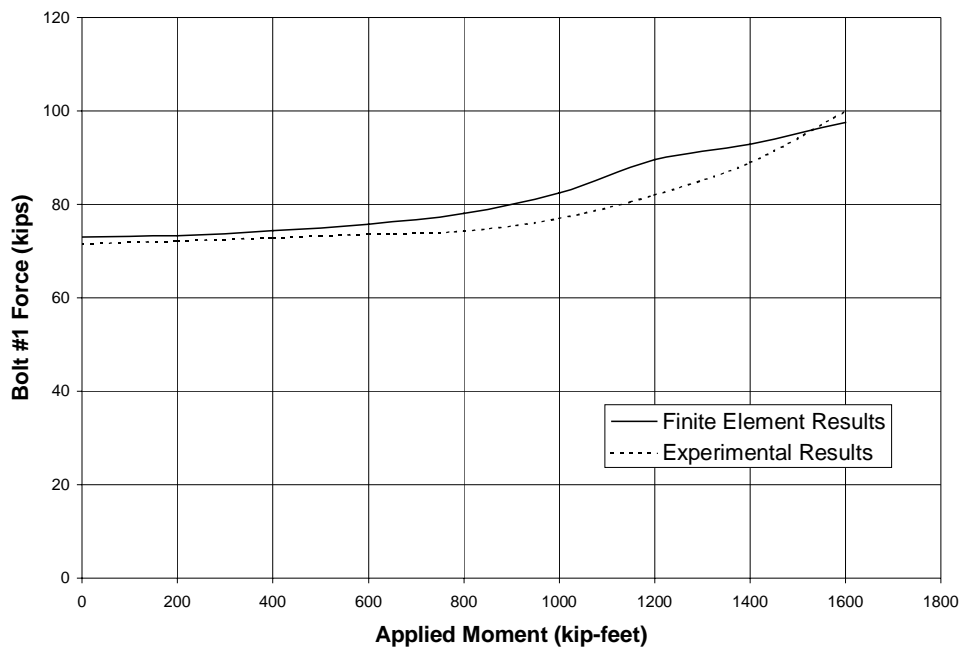


FIGURE 3-12. Bolt #1 force vs. applied moment for deep beam.

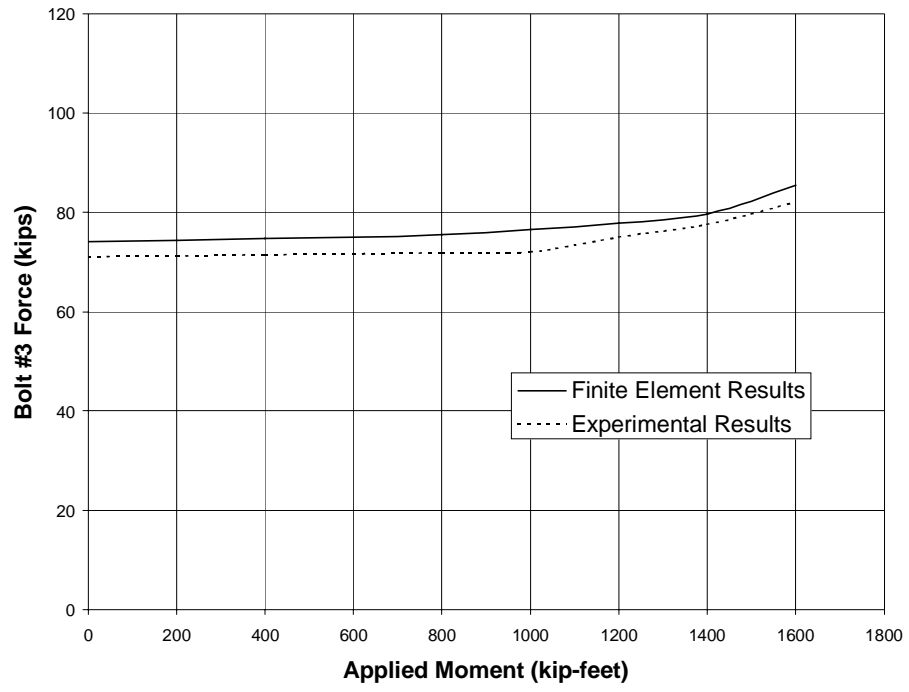


FIGURE 3-13. Bolt #3 force vs. applied moment for deep beam.