

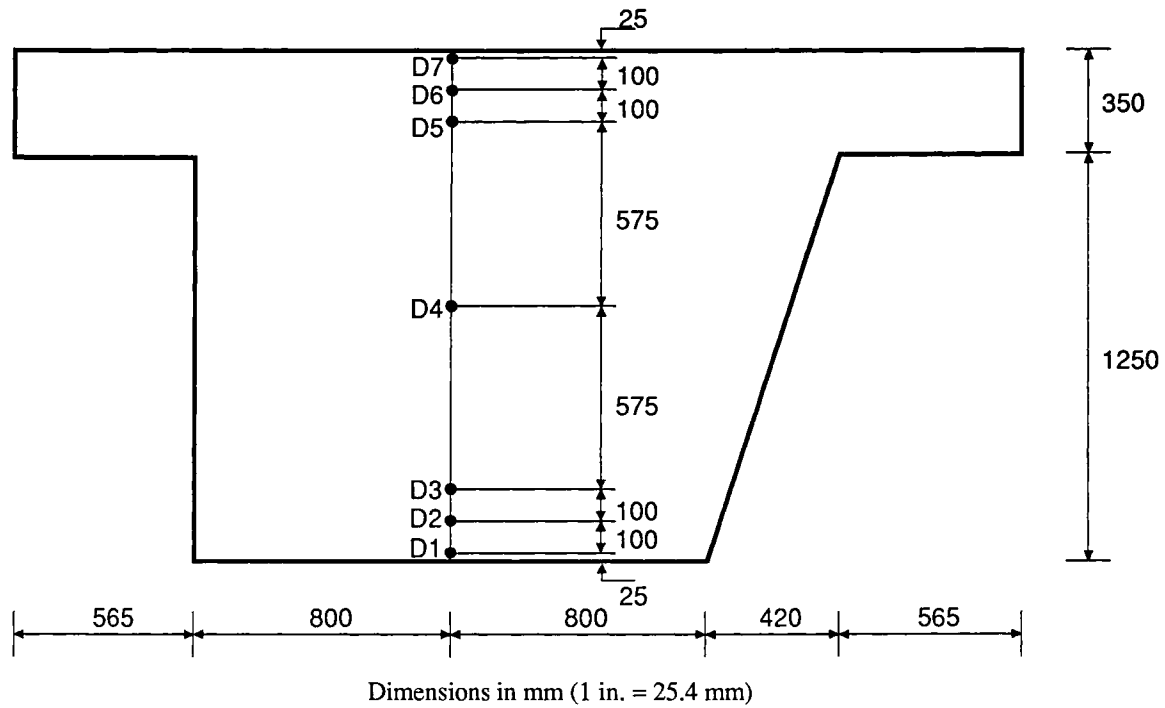


Fig. 3—Position of thermocouples within massive girder

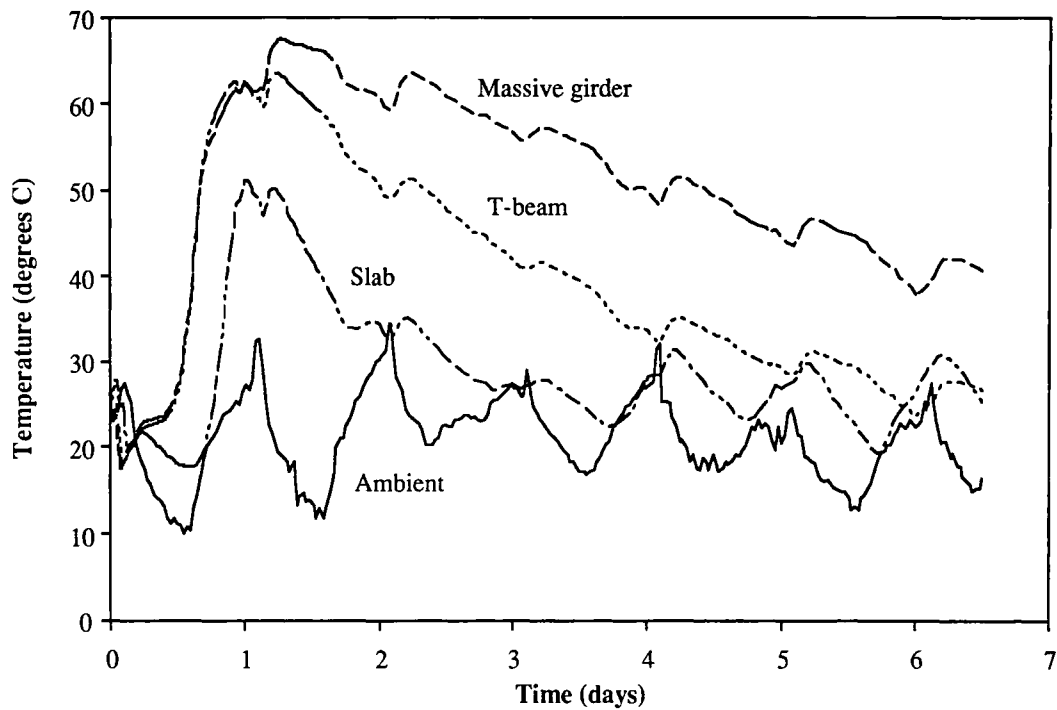


Fig. 4—Comparison of measured temperatures versus time at centers of three elements

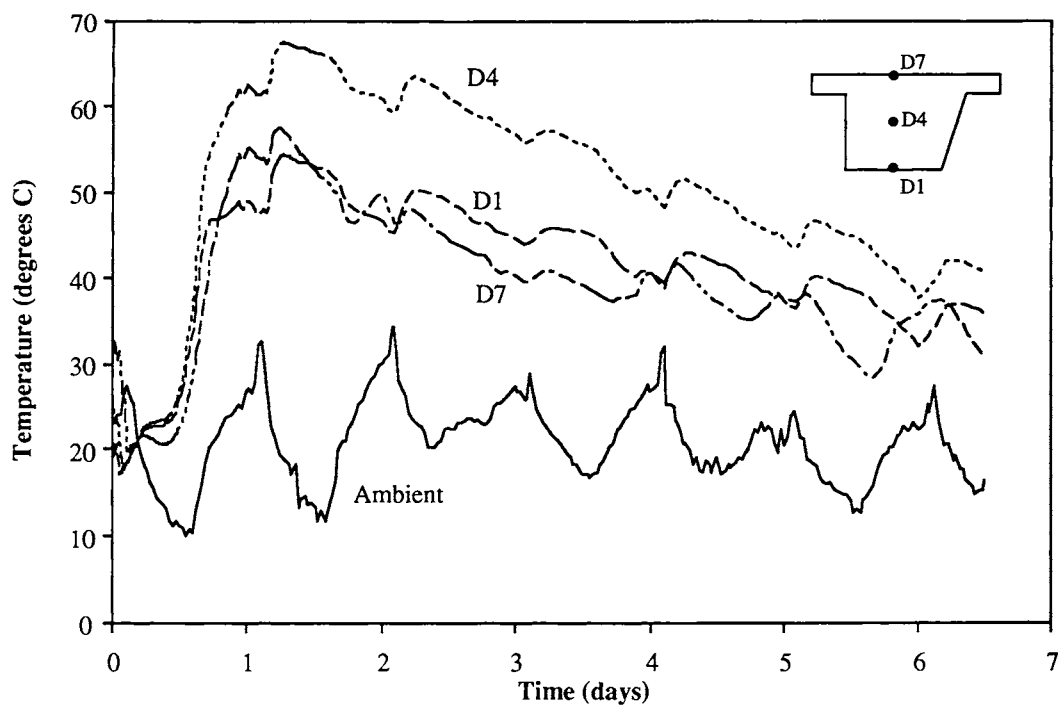


Fig. 5—Temperature readings at three thermocouple locations within massive girder

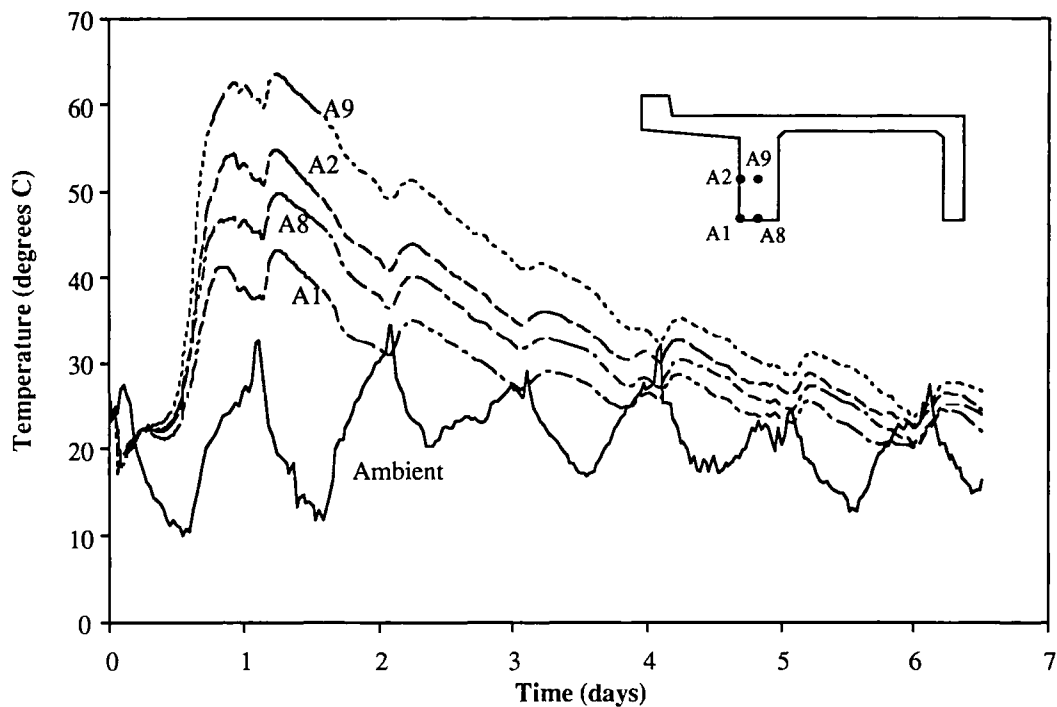


Fig. 6—Comparison of measured temperatures versus time at different locations within T-beam

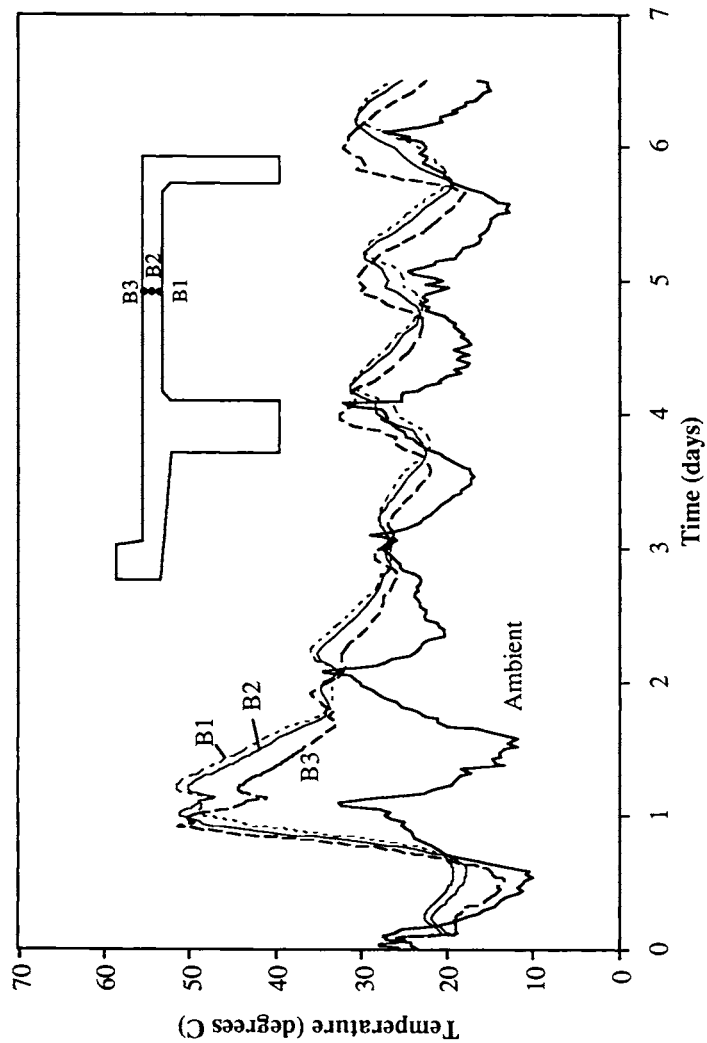


Fig. 7—Measured temperatures versus time through slab depth

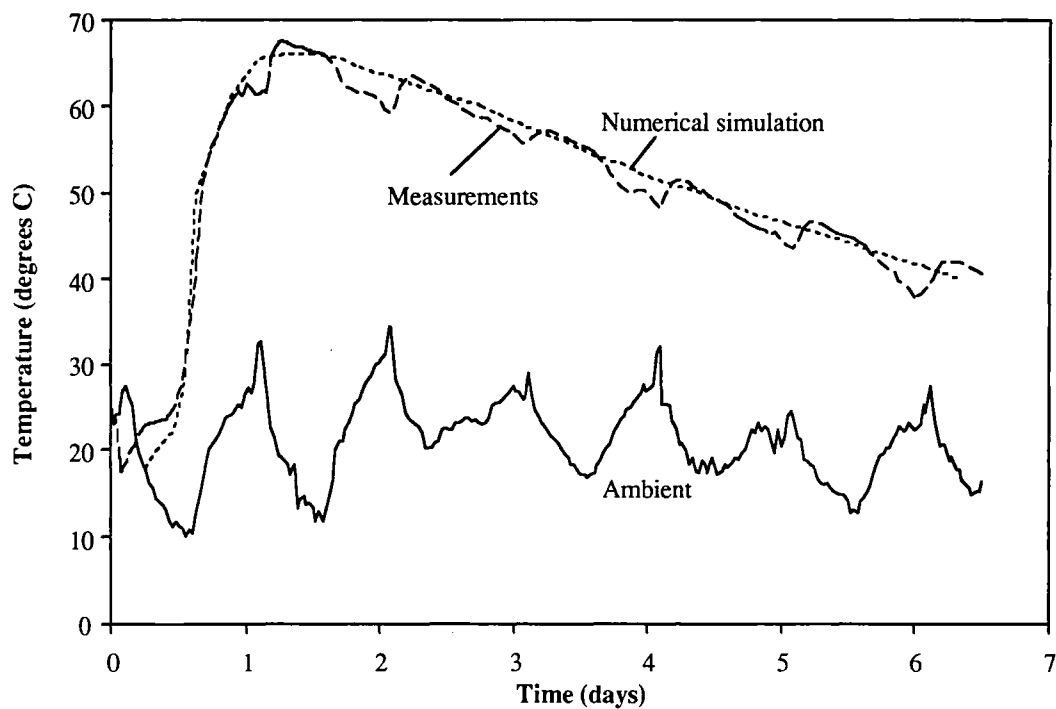


Fig. 8—Comparison of numerical and experimental results at massive girder center

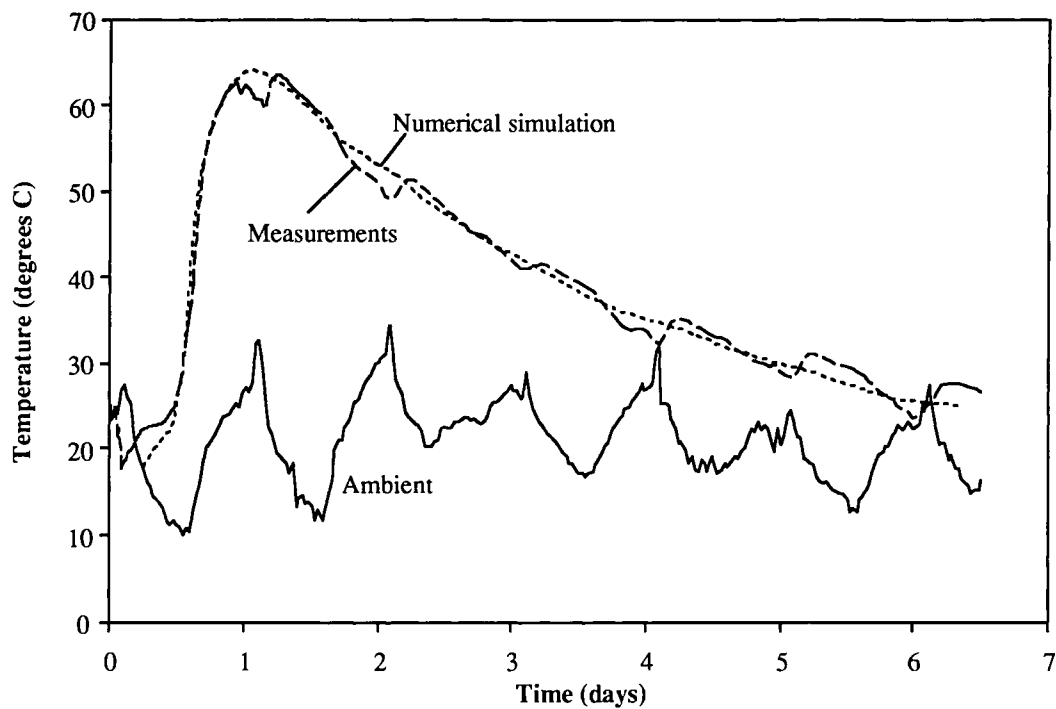


Fig. 9—Comparison of numerical and experimental results at T-beam center

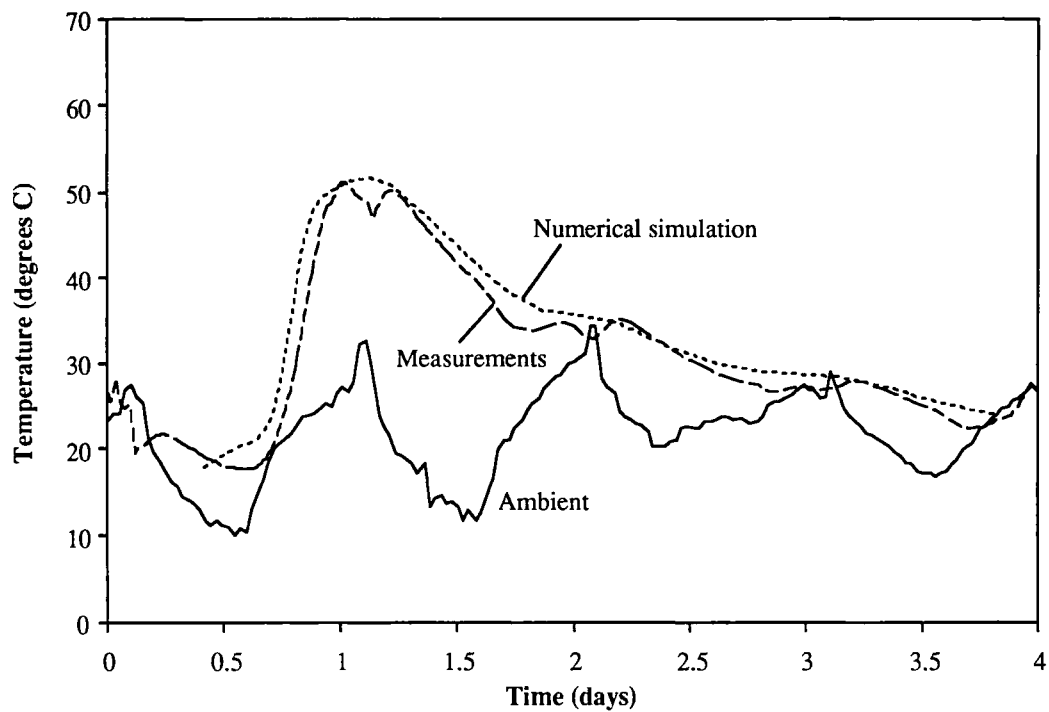


Fig. 10—Comparison of numerical and experimental results at slab center

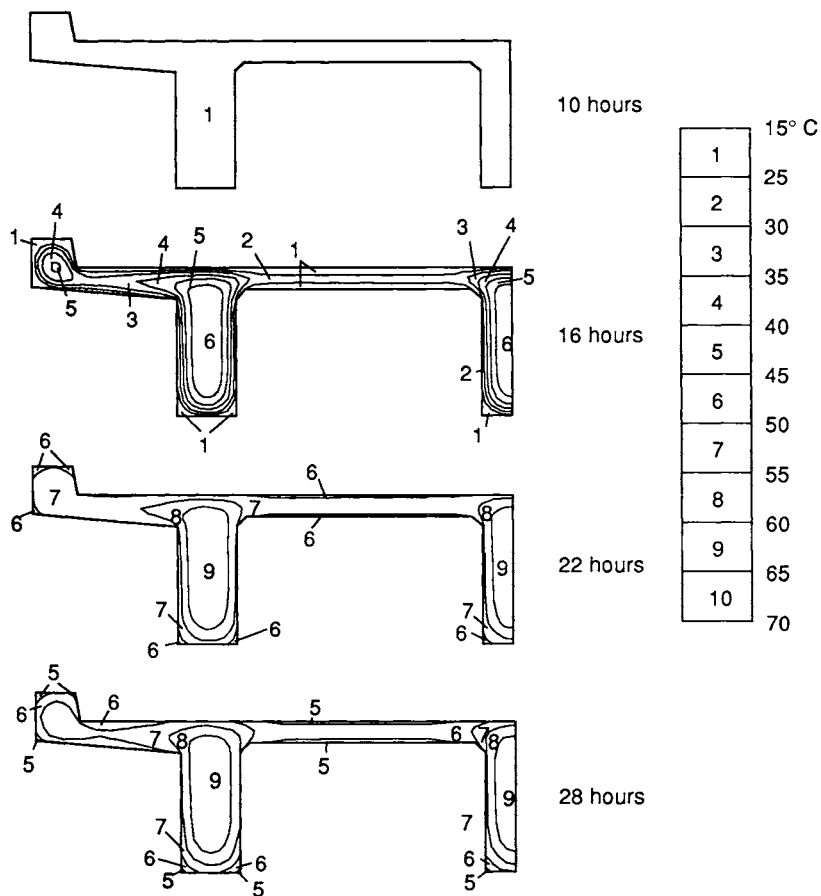


Fig. 11—Temperature rises within viaduct deck

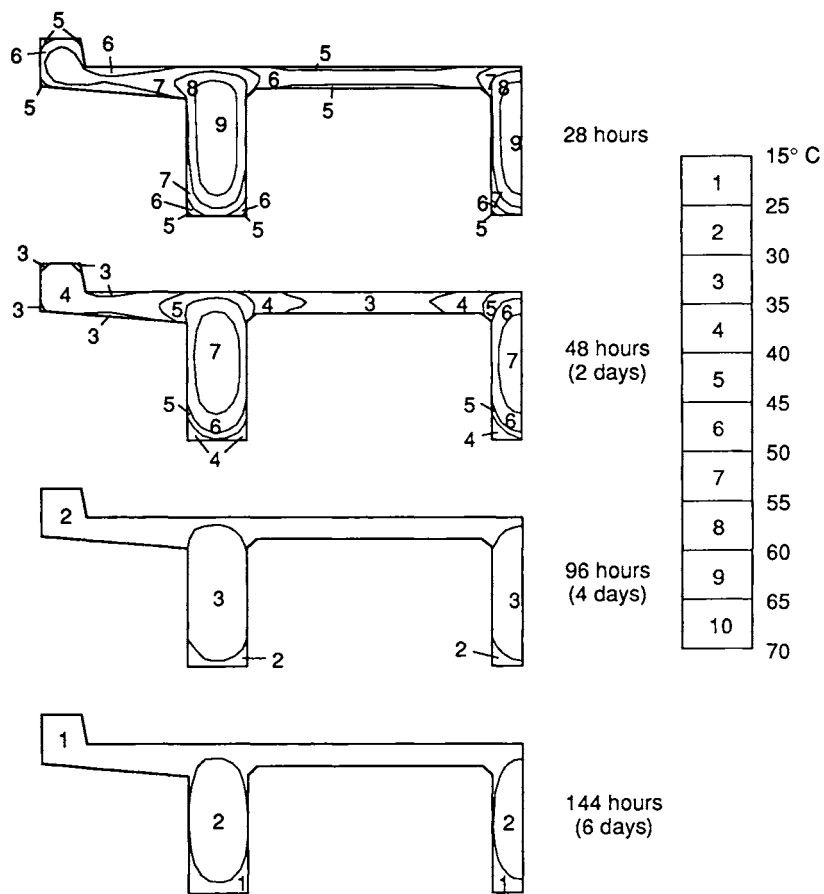


Fig. 12—Cooling of concrete of viaduct deck