

## INTEROFFICE MEMORANDUM

**DATE:** October 31, 1997

**TO:** Bridge Division Engineers

**FROM:** Ed Fain, Staff Bridge Design Engineer

**SUBJECT:** Concrete Deck Longitudinal Rebar Requirements by LRFD

When designing by LRFD, article 6.10.1.2 shall be used for determining deck rebar requirements in the negative-flexure regions of continuous girders. The 1% longitudinal rebar requirement will be based on the cross-sectional area of the structural slab thickness and the deck width (out to out). The structural slab thickness is the total slab thickness less the integral wearing surface (i.e., 1/2"). The longitudinal rebars will be uniformly distributed across the entire width of the slab including the overhangs. See LRFD article 6.10.1.2 for additional requirements.