

INTEROFFICE MEMORANDUM

DATE: March 20, 1992

TO: BRIDGE DIVISION PERSONNEL

FROM: Veral Pinkerton, Bridge Engineer

SUBJECT: Design of Bolted Splices
Continuous Steel Girders

Use $1.3 [D+5/3(L+I)]$ for loading and strength of section at first yield for both splice plates and bolts according to 10.18.1.1 for Load Factor design. (That is 75% of the strength of the member or the average of the required strength and the actual strength of the member). The allowable stress of the bolts shall be 21,000 psi.

Splices in high moment area, if required, shall receive special consideration.

FMH:bw