

---

COMMITTEE ON BRIDGES

The PCI Committee on Bridges met in Las Vegas on October 2, 1983. The following is a summary of discussion items of interest.

SHEAR AND TORSION

The research project, at the University of Texas at Austin, on this topic is complete. A final draft report was submitted to the Texas Department of Highways and Public Transportation and the FHWA in late October. The results are reportedly very good with material available for developing new shear and torsion design provisions for consideration by AASHTO.

LOW-RELAXATION STRAND PROVISIONS

The Committee is balloting new provisions for allowable initial stresses and prestress losses applicable for low-relaxation strands in pretensioned and post-tensioned members. These provisions will be submitted in December, 1983 for consideration of both AASHTO and AREA Committee 8.

RESTRAINING MOMENTS AT PIERS OF CONTINUOUS CONSTRUCTION

AASHTO Section 1.6.12(C)(2) warns of a positive moment which may be created at the piers and specifies that provisions shall be made to reinforce for the positive moments. In continuous structures (with long span girders at maximum spacing), the creep and shrinkage effects may reduce camber with time creating additional negative moments. These moments produce effects throughout the span and should be accounted for in design.

NEW CHAIRMAN FOR PCI COMMITTEE ON BRIDGES

Jim Barker, Figg and Muller Engineers, Inc. has completed his second term as Chairman. The new Chairman is Don Goldberg, Goodkind and O'Dea Inc.