



April 3, 2002

**MEMORANDUM TO TEAM LEADERS, ROAD DESIGN ENGINEER
AND CONSULTANTS**

SUBJECT: Bridge Deck Drainage

Section C2.6.6.1 of the AASHTO LRFD Bridge Design Specifications states that: "A longitudinal gradient on bridges should be maintained. Zero gradients and sag vertical curves should be avoided."

Where possible, please avoid zero gradients and sag vertical curves on all future bridge projects that are in the planning stage for both LRFD and LFD designed bridges. Any zero gradients and/or sag vertical curves should be brought to the attention of the appropriate Assistant Bridge Design Engineer.

Randy R. Cannon, P. E.
Bridge Design Engineer

RRC/slb

cc: Assistant Bridge Design Engineers
Bridge Construction Engineer
Gerald Schroeder, FHWA
Director of CRM Operations Walsh
Program Development East Engineer Kneece
Program Development West Engineer Lester
Preliminary Design Engineer Davis
CRM East
CRM West

File: PC/YIA

