

# MEMORANDUM

DEPARTMENT OF TRANSPORTATION  
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DATE: October 9, 1998  
TO: Bridge Design Manual Users  
FROM: Steve Horton, Staff Bridge Branch  
SUBJECT: Revised Subsection 17.4, Signs

Attached is a revised subsection to the Bridge Design Manual, ie, Subsection 17.4, Signs, dated October 9, 1998. Use this subsection for designing new or modifying existing cantilevered signs and sign bridges with or without variable message sign (VMS) boxes. Modifications include increasing the panel area or adding VMS boxes.

This subsection has been revised to:

1. emphasize the need for and the duties of a structural engineer when overhead signs are required on a project.
2. specify the required design information for supporting VMS boxes.
3. specify the fatigue requirements for the design of all signs.

This subsection supersedes the previous version dated January 1, 1990 and the December 1, 1997 letter from Staff Bridge to all PEII's and PEIII's regarding structural work for overhead signs.

Please replace the superseded version of this subsection in your manual with this revised one. A new Table of Contents will be posted on the CDOT Bridge Web Page in the near future.

SWH/PKP/pcr

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