



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

1401 EAST BROAD STREET
RICHMOND, 23219-2000

CHARLES D. NOTTINGHAM
COMMISSIONER

MALCOLM T. KERLEY
STATE STRUCTURE AND BRIDGE ENGINEER

May 7, 2001

Manual of the Structure and Bridge Division
Volume V – Part 4
Prestressed Concrete Beam Standards

MEMORANDUM

TO: Holders of Volume V – Part 4 --- Prestressed Concrete Beam Standards

NEW ISSUE:

This new issue of the prestressed concrete beam standards consists of the Virginia Prestressed Concrete Bulb-T's (PCBT-series). Interior diaphragms details are galvanized steel. End diaphragms will continue to be cast-in-place concrete. Additional notes are included in the INSTRUCTIONS. Section properties for the Bulb-T's are also enclosed. This sheet will eventually be included in the Manual of the Structure and Bridge Division, Volume V – Part 2, when the prestressed concrete portion is updated.

REVISIONS:

The AASHTO/PCI Prestressed Concrete Beams, Types II through VI (PCB-series) have been extensively revised/updated to agree with some of the changes made to the Bulb-T's (see above). Diaphragm details similar to those used with the Bulb-T's are also included. The alternate details for the stress-relieved strands have been deleted. As with the Bulb-T's, we will begin using steel interior diaphragms. The end diaphragms will continue to be cast-in-place. Eventually, the PCB-series will be retired.

RETAIN THIS MEMO IN FRONT OF INDEX TO VOLUME V – PART 4.

Julius F. J. Völgyi, Jr., P.E.
Assistant State Structure and Bridge Engineer

For: Malcolm T. Kerley, P.E.
State Structure and Bridge Engineer

Attachments