

Maintenance Memorandum

Date: March 4, 2003

Subject: **Discontinued Use of BCTs**

Attached is an excerpt from the December 2002 Engineering Operations Committee minutes dealing with this topic. Please note that for now, you may replace the first panel of a Breakaway Cable Terminal ending (BCT), if that is all that is damaged. As of October 1, 2004 all BCTs that are damaged will be replaced with a current ending as shown in Standard Plan series R61. If you are already replacing BCTs with R61 endings, please continue to do so.

If you have any questions I can be reached at 517-322-3332, or lowerb.

Bard Lower
Engineer, Region Support Unit
(Signature on file)

Attachment

“Excerpt from EOC Meeting Minutes” December 5, 2002; 1 pg.

Maintenance Memorandum

**ENGINEERING OPERATIONS COMMITTEE
MEETING MINUTES
DECEMBER 5, 2002 - 9:00 A.M.
EXECUTIVE CONFERENCE ROOM**

Present: L. E. Tibbits J. Friend T. Anderson
C. Roberts J. D. Culp T. Davies
J. W. Reincke T. Fudaly W. Stebbins (M. VanPortFleet)

Guests: B. Lower K. Kennedy

2. **Discontinued Use of Breakaway Cable Terminals - B. Lower**

A recommendation was made to phase out the repair of Breakaway Cable Terminal (BCT) guardrail endings. Several years ago, the BCT was tested under NCHRP 350 and failed. Since then the department has discontinued new installations, but still allows existing BCTs to be repaired if the damage is confined to only the first panel. The Barrier Advisory Committee supports the recommendation.

ACTION: The recommendation is approved. After September 30, 2004, BCT endings will no longer be repaired. Damaged endings will be replaced according to current standards.