
PREFACE

This document provides guidelines for analysis, design, construction, and maintenance of erosion and sediment control structures for highway construction projects. This document was developed with the intent that it would provide a convenient and comprehensive resource and a rational basis for the design of erosion and sediment control structures. It is intended primarily for use by design consultants but also provides valuable information for contractors and field personnel. It is intended to assist and provide direction in the analysis and design of erosion and sediment control structures, but is not intended to preclude innovative or alternative designs.

A general review of all sections and appendices within the manual was completed. Major updates from the first edition include:

- Provide a more thorough description of Temporary and Permanent Erosion Control Plan;
- Updating the list of Best Management Practices (BMPs) in Appendix C; and
- Added Streambank Applications to the list of BMPs.

Continuing comment is essential to the regular updating of this document and any feedback is welcome. Periodic updates and revisions will be undertaken in response to user feedback, changes in technology, regulatory requirements and many other factors. The most current version of this document will be posted on the Alberta Transportation (AT) website (www.transportation.alberta.ca/686.htm). Inquiries and comments may be sent to the Director of Geotechnical and Materials Services, Technical Standards Branch, Alberta Transportation, 4999-98 Avenue, Edmonton, Alberta, T6B 2X3.

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