



Ministry of
Transportation
and Infrastructure

ELECTRICAL AND TRAFFIC ENGINEERING MANUAL

Section 900

Construction

Electrical and ITS Engineering

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900 CONSTRUCTION

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Electronic versions of this manual and appendices available at:

http://www.th.gov.bc.ca/publications/eng_publications/electrical/electrical_and_traffic_eng/Electrical_Signing_Design_Manual/table_ofcontents.htm

901 INTRODUCTION

901.1 ENGINEERING SERVICES DURING CONSTRUCTION

- .1 Engineering services typically involve responding to design issues, some site review and the preparation of record drawings. Depending of the type of design and system services may also include:
 - .1 Review of shop drawings and product data sheets
 - .2 Inspection of materials
 - .3 Review of contractor change order requests
 - .4 Respond to design questions and issues
 - .5 Undertake field reviews in accordance with Ministry Technical Circular T-06/09. The recommended frequency of field reviews is defined in the Technical Circular. The consultant shall apply the level of effort to the review they feel is required to achieve a design which meets their satisfaction. The Technical Circular T-06/09 can be found at:
<https://www2.gov.bc.ca/assets/gov/driving-and-transportation/transportation-infrastructure/engineering-standards-and-guidelines/technical-circulars/2009/t06-09.pdf>
- .2 Field reviews shall be undertaken as outlined in the Construction Check List in Appendix 900.1. The engineer or designate shall use the list as guide and customize to suit the specific of the project. The list shall be completed, signed, and submitted with record drawings when project is completed.

901.2 POST CONSTRUCTION

- .1 The Engineer of Record (EOR) will produce record drawings based upon a field review and the markup drawings provided by the Contractor.