

9.0 Monitoring

9.1 Changes during Detail Design

The Route Planning and Preliminary Design Phases of this study are complete. Specific mitigation measures identified in this report will require monitoring during construction.

During the next study stage, the contract drawings and specifications will be developed to allow the project to be tendered for construction. There is a possibility that minor design modifications or refinements may be required which could result in environmental benefits, or impacts that may not have been anticipated or identified in this document. Should this occur, the modifications are not anticipated to alter the basic intent of the undertaking. Any changes resulting from design modifications/refinements will be discussed with appropriate external agencies and property owners prior to construction. A Design and Construction Report for each contract will be prepared during Detail Design to document any changes or refinements made during the Detail Design stage and to document the incorporation of the commitments made in this report. Monitoring requirements and responsibilities will be determined in the Design and Construction Report (DCR) for each Detail Design project.

In addition, further Public Information Centres will be provided during the Detail Design stage to address subsequent design issues of public interest.

9.2 Monitoring During Construction

The Ministry of Transportation has an internal process to identify and address updates to the Ontario Provincial Standard Specifications, and MTO Special Provisions and Non-Standard Special Provisions. This includes ongoing review of unanticipated events that occur during other construction contracts and incorporation of required updates into future contract provisions. This helps to assess the effectiveness of the contract provisions to ensure that they are providing the expected control and/or protection.

On-site construction administration/inspection staff will ensure that the required environmental protection measures outlined in this report are carried out. Environmental specialist staff will be available if needed to review operations with significant mitigating measures or environmental concerns. The timing and frequency of the involvement of specialist staff will be determined by the schedule of the construction operations, the sensitivity of environmental concerns, and the development of any unforeseen environmental needs. In the event that concerns develop, the MTO Environmental Planner and appropriate external agency representatives will be contacted to provide additional input.

If the impacts of construction are different than anticipated, or the method of construction is such that there are greater than anticipated impacts, the Contractor's methods of operation will be changed or modified to reduce those impacts.