



TRANSITCITY

Environmental Project Report | Appendices

# Transit City Light Rail – Scarborough-Malvern LRT Transit Project Assessment Study



FINAL OCTOBER 2009





## Table of Contents

## Appendix A: Scarborough-Malvern LRT Feasibility Study Report

- Appendix A Existing Conditions
- Appendix B Existing and Proposed Typical Cross-Sections
- Appendix C Plan and Profile Drawings (Note: Superceded by Design Plates in Main Report)
- Appendix D Structural General Arrangement Drawings (Note: Refer to Appendix D Structural Report)

## Appendix B: Existing and Future Traffic Operations Report

- Attachment I Existing Condition Traffic Analysis Summaries
- Attachment II Future Condition Traffic Analysis Summaries
- Attachment III Eglinton Avenue at Brimley Road and Danforth Road Syncro Assessment Appendix A – Calculations to Determine Transit Phase Duration
- Attachment IV Kingston Road at Eglinton Avenue Syncro Assessment
- Attachment V Kingston Road at Morningside Avenue Syncro Assessment
  - Appendix A Calculations to Determine Transit Phase Duration
- Attachment VI Highway 401 & Morningside Avenue Traffic Impact Study
  - Appendix A 2008 Existing Condition Capacity Analysis
  - Appendix B 2018 Opening Year Capacity Analysis •
  - Appendix C 2023 5-year Horizon Capacity Analysis ٠
  - Appendix D 2028 10-year Horizon Capacity Analysis
  - Appendix E 2028 10-year Horizon (Mitigated) Capacity Analysis

## **Appendix C1: Natural Heritage Report**

- Appendix A Acronyms and Definitions Used in Species Lists
- Appendix B1 List of Vascular Plants Exclusive of Morningside ANSI / ESA
- Appendix B2 List of Vascular Plants Morningside ANSI / ESA
- Appendix C Photographic Record

## Appendix C2: Meander Belt Analysis

## Appendix C3: Existing Geology Conditions and Contaminated Property

- Existing Geology Conditions
  - Appendix A Inventory of Existing Borehole Used
- Existing Contamination Property

## Appendix C4: Noise & Vibration and Air Quality Reports

- Noise and Vibration Report
  - Appendix A Receptor Locations •
  - Appendix B MOE Requested Receptor Points
  - Appendix C MOE/TTC Protocol
  - Appendix D Traffic Data Summary •
  - Appendix E Sample Calculation
  - Appendix F STAMSON Outputs for Sample Calculations
  - Appendix G Vibration Measurement Data

- Air Quality Report
  - Appendix A Complete Tables of Results
  - Appendix B Traffic Volume Data

## Appendix C5: Archaeological Assessment and Cultural Heritage Assessment Reports

- Archaeological Assessment Report

## Appendix D: Structural Report

- Appendix A General Arrangement Drawing Existing Structures
- Appendix B Photographs Existing Structures
- Appendix C Proposed General Arrangement Drawings
- Appendix D Structural Assessment of Highway 401 Morningside Avenue Underpass
  - Appendix A General Arrangement Drawing Existing Structure
  - Tracks
  - Appendix C Details of Structural Evaluation
- Subdivision Mile 59.40)
  - Appendix A General Arrangement Drawing Existing Structure •
  - Tracks
  - Appendix C Details of Structural Evaluation

## **Appendix E: Active Development Applications**

### **Appendix F: West Hill Area Evaluations**

## Appendix G: Transit City Traction Power Overview

- Appendix A Transit System TPS Spacing Survey
- Appendix B Transit City Preliminary TPS Locations
- Appendix C Typical TPS Configuration & Photos

## **Appendix H: Preliminary Property Requirements**

### **Appendix I: Consultation**

- Public Consultation
- Technical Agencies Consultation
- Aboriginal Communities Consultation

### **Appendix J: Potential Utility Impacts**

Cultural Heritage Assessment Report: Built Heritage Resources and Cultural Heritage Landscapes

Appendix B – General Arrangement Drawing – Proposed Deck Cross Section with LRT

Appendix E – Structural Assessment of Eglinton Avenue – CNR Overhead Structure (Uxbridge

Appendix B – General Arrangement Drawing – Proposed Deck Cross Section with LRT

