

TABLE OF CONTENTS

ACKNOWLEDGEMENTS

EXECUTIVE SUMMARY

CHAPTER 1	INTRODUCTION	1-1
1.1	WHAT IS A MASTER PLAN?	1-3
1.2	THE STUDY PROCESS	1-4
1.3	ORGANIZATION OF THE STUDY REPORT	1-6
CHAPTER 2	WHY A REGIONAL PEDESTRIAN AND CYCLING PLAN IS NEEDED	2-1
2.1	SUPPORTS TRANSPORTATION CHOICES FOR A GROWING REGION	2-1
2.2	INCREASING DEMAND FOR PEDESTRIAN AND CYCLING INFRASTRUCTURE	2-2
2.2.1	DECIMA RESEARCH	2-2
2.2.2	WEB BASED WALKABILITY AND BIKEABILITY OUTREACH SURVEY	2-4
2.2.3	RESPONDING TO WHAT YORK REGION RESIDENTS HAVE ASKED FOR	2-8
2.3	BENEFITS TO WALKING AND CYCLING	2-8
2.4	SUPPORTS REGIONAL PUBLIC TRANSIT	2-12
2.5	A NEED FOR COORDINATION	2-13
2.6	BUSINESS CASE FOR INVESTING IN PEDESTRIAN AND CYCLING INFRASTRUCTURE	2-13
CHAPTER 3	TOWARDS A MORE SUSTAINABLE REGION	3-1
3.1	MOVING TOWARDS SUSTAINABLE TRANSPORTATION	3-1
3.2	POLICIES AND INITIATIVES OF OTHER JURISDICTIONS	3-5
3.3	A VISION FOR WALKING AND CYCLING IN YORK REGION	3-9
3.4	GOALS	3-10
CHAPTER 4	OUTREACH	4-1
4.1	EDUCATION	4-1

4.1.1	BICYCLE EDUCATION INFORMATION	4-1
4.1.2	FUNDING AND DELIVERY OF BICYCLE EDUCATION PROGRAMS	4-3
4.1.3	FOCUSED SAFETY CAMPAIGNS	4-4
4.1.4	RESPONSE PROCESS TO COLLISIONS	4-5
4.1.5	CYCLING, WALKING AND CHILDREN	4-6
4.1.6	ACTIVE AND SAFE ROUTES TO SCHOOL	4-9
4.1.7	ENFORCEMENT OBJECTIVES	4-9
4.2	ENCOURAGEMENT AND PROMOTION	4-10
4.2.1	PUBLIC ADVISORY COMMITTEE	4-10
4.2.2	END-OF-TRIP FACILITIES	4-10
4.2.3	LEADERSHIP BY EXAMPLE	4-11
4.2.4	INTERMODAL CONNECTIONS	4-11
4.2.5	CYCLING MAPS	4-13
4.2.6	BICYCLE USER GROUPS	4-13
4.2.7	WORK WITH OTHERS	4-14
4.2.8	TOURISM	4-18
4.3	MOVING FORWARD	4-20
CHAPTER 5 IMPROVING FACILITIES FOR WALKING AND CYCLING IN YORK REGION		5-1
5.1	REGIONAL PEDESTRIAN SYSTEM	5-1
5.2	CYCLING FACILITY TYPES	5-2
5.2.1	MULTI-USE TRAILS	5-2
5.2.2	PAVED SHOULDER / BIKE LANE	5-4
5.2.3	SIGNED-ONLY ROUTE	5-4
5.3	NETWORK AND SYSTEM DEVELOPMENT APPROACH	5-5
5.3.1	ROUTE SELECTION PRINCIPLES	5-5
5.3.2	REVIEW AND UPDATE INVENTORY OF EXISTING CONDITIONS	5-6
5.3.3	IDENTIFY MAJOR ATTRACTIONS AND DESTINATIONS	5-7
5.3.4	IDENTIFY BARRIERS TO WALKING AND CYCLING	5-7
5.3.5	EXISTING CONTEXT	5-8
5.3.6	CANDIDATE ROUTE EVALUATION CRITERIA	5-8
5.3.7	CANDIDATE ROUTES	5-8

5.4	IMPROVING CONDITIONS FOR WALKING IN THE REGION	5-11
5.4.1	COMPLETE MISSING SIDEWALK LINKS	5-11
5.4.2	IMPROVE URBAN DESIGN AND STREETSCAPING IN PEDESTRIAN ZONES.....	5-12
5.4.3	IMPROVE PEDESTRIAN CONNECTIVITY AND ACCESSIBILITY.....	5-12
5.4.4	PROPOSED PEDESTRIAN SYSTEM	5-15
5.5	THE REGIONAL CYCLING NETWORK	5-15
5.5.1	NETWORK OPPORTUNITIES	5-19
5.6	RECOMMENDED ACTIONS	5-23
CHAPTER 6 IMPLEMENTATION STRATEGY.....		6-1
6.1	TEN-YEAR IMPLEMENTATION PLAN AND LONGER TERM STRATEGY	6-1
6.2	INFRASTRUCTURE PRIORITIES	6-2
6.2.1	PEDESTRIAN	6-3
6.2.2	CYCLING.....	6-3
6.2.3	LONG TERM STRATEGY FOR PEDESTRIAN AND CYCLING.....	6-7
6.3	OUTREACH PRIORITIES.....	6-7
6-4	IMPLEMENTING ON-ROAD CYCLING FACILITIES AND THE CLASS EA PROCESS IN ONTARIO	6-10
6.5	PLANNING AND DESIGN GUIDELINES.....	6-11
6.6	INTEGRATING THE PEDESTRIAN AND CYCLING MASTER PLAN WITH SMART COMMUTE (TDM) AND OTHER REGIONAL SERVICES AND PROGRAMS.....	6-12
6.7	IMPLEMENTING THE MASTER PLAN	6-12
6.7.1	PEDESTRIAN AND CYCLING PUBLIC ADVISORY COMMITTEE	6-13
6.7.2	PEDESTRIAN/CYCLING COORDINATOR.....	6-13
6.7.3	ESTABLISH AN INTER-MUNICIPAL WORKING GROUP	6-14
6.7.4	IMPLEMENTATION STRUCTURE.....	6-14
6.7.5	THE IMPLEMENTATION PROCESS TOOL	6-14
6.8	FUNDING THE PLAN (NETWORK AND PROGRAM)	6-19
6.8.1	WHAT IS THE INVESTMENT?	6-20
6.8.2	WHERE WILL THE MONEY COME FROM?.....	6-24
6.9	WHY SHOULD THE REGION MAKE THE INVESTMENT?	6-25
6.10	RECOMMENDED IMPLEMENTATION SCHEDULE.....	6-26

6.11	LIABILITY AND RISK MANAGEMENT	6-31
6.12	EVALUATING THE PCMP	6-32
6.13	NEXT STEPS.....	6-33

LIST OF TABLES

EX-1	PROPOSED LENGTH OF REGIONAL PEDESTRIAN AND CYCLING NETWORK BY FACILITY TYPE AND IMPLEMENTATION PHASE	EX-6
EX-2	RECOMMENDED ACTIONS	EX-11
4-1	CHILD-AND-YOUTH-FRIENDLY LAND-USE AND TRANSPORT PLANNING GUIDELINES	4-7
5-1	ROUTE EVALUATION CRITERIA	5-9
5-2	PROPOSED MISSING SIDEWALK LINKS ON REGIONAL ROADS BY TYPE AND JURISDICTION	5-16
5-3	PROPOSED LENGTH OF REGIONAL CYCLING NETWORK BY FACILITY TYPE AND JURISDICTION	5-18
6-1	TEN-YEAR IMPLEMENTATION AND INVESTMENT PLAN	6-22
6-2	PROPOSED LENGTH OF REGIONAL PEDESTRIAN AND CYCLING NETWORK BY FACILITY TYPE AND IMPLEMENTATION PHASE	6-23
6-3	RECOMMENDED ACTIONS	6-27
6-4	PERFORMANCE MEASURES	6-34

LIST OF FIGURES

EX-1	PROPOSED PEDESTRIAN SYSTEM IMPLEMENTATION SCHEDULE PHASE 1 AND PHASE 2	EX-8
EX-2	PROPOSED CYCLING NETWORK IMPLEMENTATION SCHEDULE PHASE 1	EX-9
EX-3	PROPOSED CYCLING NETWORK IMPLEMENTATION SCHEDULE PHASE 2	EX-10
2-1	DESTINATION OF YORK REGION COMMUTERS	2-2
2-2	DO DRIVERS BEHAVE WELL WHEN YOU CYCLE	2-3
2-3	HOW CHILDREN GET TO SCHOOL IN YORK REGION	2-3
2-4	SURFACE TYPE PREFERENCE.....	2-5
2-5	WALKING CONDITIONS	2-5
2-6	DRIVER BEHAVIOUR	2-6
2-7	CYCLING CONDITIONS	2-6
2-8	CYCLING SAFETY.....	2-7

2-9	DRIVER BEHAVIOUR	2-7
5-1	MULTI-USE PATH.....	5-2
5-2	EXAMPLE OF AN URBAN ROAD CROSS SECTION WITH 1.5 M BIKE LANES	5-3
5-3	TYPICAL BIKE LANE WITH AND WITHOUT ON-STREET PARKING.....	5-4
5-4	TYPICAL PAVED SHOULDER	5-4
5-5	SIGNED-ONLY CYCLING ROUTE ALONG A WIDE CURB LANE.....	5-5
5-6	NETWORK DEVELOPMENT ROUTES	5-10
5-7	YORK REGION PEDESTRIAN SYSTEM STRATEGY	5-13
5-8	PROMOTING SUSTAINABLE TRANSPORTATION THROUGH SITE DESIGN	5-14
5-9	PROPOSED CYCLING NETWORK.....	5-17
5-10	PROPOSED LAKE-TO-LAKE ROUTE.....	5-21
5-11	ILLUSTRATED CONCEPT OF THE PROPOSED TERRY FOX BIKEWAY	5-23
5-12	PROPOSED TERRY FOX BIKEWAY ROUTE	5-23
6-1	PHASE 1 AND PHASE 2 PEDESTRIAN SYSTEM IMPLEMENTATION SCHEDULE.....	6-4
6-2	PHASE 1 CYCLING NETWORK IMPLEMENTATION SCHEDULE, YEAR 0-5	6-5
6-3	PHASE 2 CYCLING NETWORK IMPLEMENTATION SCHEDULE, YEAR 6-10	6-6
6-4	PROPOSED PEDESTRIAN SYSTEM IMPLEMENTATION SCHEDULE PHASE 3.....	6-8
6-5	PROPOSED CYCLING NETWORK IMPLEMENTATION SCHEDULE PHASE 3.....	6-9
6-6	IMPLEMENTATION STRUCTURE	6-15
6-7	NETWORK IMPLEMENTATION PROCESS.....	6-17

LIST OF APPENDICES

APPENDIX A - PROPOSED PEDESTRIAN AND CYCLING NETWORK

APPENDIX B - INVESTMENT DETAILS

ADDITIONAL DOCUMENTATION (PROVIDED SEPARATELY)

APPENDIX C - PLANNING AND DESIGN GUIDELINES

APPENDIX D - PROJECT RECORD



Active Transportation Workshop, June 2006