



Background Report

Project Details and Summary Sheets

York Region Transportation Master Plan



Prepared for Regional Municipality of York
by IBI Group

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1 Introduction

The York Transportation Master Plan (TMP) was conducted following the Master Plan process as described in Section A.2.7 of the Municipal Class EA.

The Municipal Class EA allows municipal projects covered in the Class EA to be carried out in a pre-approved process. The Municipal Class EA lays out the types of projects approved, the process for approval, consultation requirements, and additional directions to conduct Municipal Class EAs. The types of projects covered include municipal road, water and wastewater, and transit. Note that transit infrastructure projects are subject to the provisions of Ontario Reg. 231/08 and must follow the Transit Project Assessment Process, unless it is considered exempt under the regulation. The TPAP is a streamlined environmental assessment process by regulation used for transit projects including light rail transit and bus rapid transit services and routes as well as new transit stations, maintenance facilities or storage facilities.

Under the Municipal Class EA, municipal projects are categorized according to their environmental significance and potential effects they may impose on the environment. These categories, described by specific Class EA “schedules”, prescribe planning methodologies for each category. At present, there are four schedule classification types as described in Section A.1.2.2 in the Municipal Class EA: Schedule ‘A’, ‘A+’, ‘B’ and ‘C’. The main difference between the Schedules is the degree to which each project may adversely affect the existing environment; for example, Schedule ‘A’ covers projects with few/minimal impacts and Schedule ‘C’ covers projects with significant impacts.

Each of the Schedules follows a different process, which is comprised of a combination of the five phases that make up the Municipal Class EA process. For instance, a Schedule ‘A’ project requires the completion of only the first and last phase, while Schedule ‘C’ projects require that all five phases are conducted.

The phases and Schedules are summarized as follows:

Phases	Basic Description	Schedule			
		A	A+	B	C
Phase 1: Problem or Opportunity	Identify and describe the problem(s) and/or opportunity(ies).	•	•	•	•
Phase 2: Alternative Solutions	Identify, evaluate and select alternative solutions to the problem, prepare a general inventory of the environment, and consultation.			•	•
Phase 3: Alternative Design Concepts for the Preferred Solution	Identify, evaluate and select alternative designs for the preferred solution, identify potential impacts of the designs on the environment, and consultation.				•
Phase 4: Environmental Study Report	Complete the Environmental Study Report (ESR), file to the public record for 30 days, and respond to any Part II Order requests.				•
Phase 5: Implementation	Implement preferred design.	•	•	•	•

As noted in the MEA Municipal Class EA document, there are a variety of ways to conduct Master Plans. York Region's TMP has been completed following a modified Approach #2 for Master Plans as outlined in Appendix 4 (Section 4.4) of the MEA Municipal Class EA.

The approach involves preparation of the Master Plan document at the conclusion of Phases 1 and 2 of the MEA Municipal Class EA process where the level of detail is sufficient to satisfy Phases 1 and 2 at the project specific level. The resulting Master Plan provides the basis for further investigation for specific Schedule C projects (Phases 3 and 4).

For Schedule B projects, York Region has modified Approach #2 by deferring the filing of project files post TMP. This is due to the fact that most Schedule B projects are implemented in conjunction with other projects, and the resulting overall project bundle falls under Schedule C and proceeds through the full MEA Municipal Class EA planning process. In the event that a Schedule B project does proceed independently to the notice of completion stage, the filing of the project file and notice of completion will be addressed by York Region post TMP.

During future project specific EAs (Phases 3 and 4), should significant issues arise that warrant revisiting the findings of Phases 1 and 2, York Region will consider revisiting Phases 1 and 2 of the MEA Municipal Class EA process in consultation with affected stakeholders. For projects that propose a new crossing of the natural heritage system, the future project specific EAs will revisit Phases 1 and 2 of the MEA Class EA process.

Thus, the York TMP is intended to fulfil the requirements of Phases 1 and 2 of the EA process for the projects that form the recommended 2041 transportation network. The majority of the projects fall under Schedule 'C' of the Municipal Class EA process or the Transit Project Assessment Process (TPAP).

This background document provides details and a summary of the assessment of infrastructure projects by means of the project summary sheets included in Appendices A and B. The project summary sheets document the Problem or Opportunity (Phase 1) and Alternative Solutions (Phase 2).

The project summary sheets provide a broad level of assessment and will become the basis for future detailed investigations at the project-specific level in order to fulfil all requirements of specific Schedule 'C' projects, including the requirements of Phases 3 and 4 prior to filing an Environmental Study Report for public review.

These project summary sheets are one part of the overall development of the TMP and recommended networks. They are a companion to the main TMP document and other background documents which describe the overall process, key TMP objectives, analysis of network wide scenarios, development of performance measures and an extensive stakeholder engagement process.

2 Project Details and Summary Sheets

The components of the project summary sheets are described in the following sections.

2.1 Existing and Future Conditions

The description of the existing conditions is based on background documents, 2011 traffic forecasts from the York Region Travel Demand Model and a desktop review of natural and built environment features based on natural heritage mapping provided by the Region, aerial photography and urban structure maps. The Environmental Features map used for this assessment is shown in Exhibit 1.

Future transportation conditions are based on forecasts from the York Region Travel Demand Model for the 2041 Do Nothing and 2041 Proposed network scenarios. These forecasts will be

reviewed in subsequent phases of the EA to account for any changes in circumstances or assumptions. It should be noted that the forecasts generally reflect unadjusted model outputs and a detailed link by link validation was not carried out.

2.2 Problem or Opportunity Statement

This section lists the problem or opportunity identified for the subject project through the TMP. These problem or opportunities refer to corridor specific conditions. Consideration of broader region-wide problems and opportunities are described in the main TMP document.

2.3 Alternatives Considered

This section lists the alternative solutions considered, along with a brief statement of whether that solution addressed the problem or opportunity. In addition to these corridor specific alternatives, the TMP considered a broad set of network alternatives including a Do Nothing option, Base Case scenario (representing committed improvements) and the recommended network scenario.

2.4 Recommended Improvement and Justification

The recommended improvement is described in this section along with a description of how the project addresses the need identified in the TMP. Timing of the subject project is documented.

2.5 Alignment with TMP Objectives

Five objectives were defined for the TMP (See main TMP Report). They are:

1. Support Transit – “Create a World Class Transit System”
2. Support Road Network – “Develop a Road Network Fit for the Future”
3. Support Active Transportation – “Integrate Active Transportation in Urban Area”
4. Support Goods Movement – “Maximize the Potential of Employment Areas”
5. Support Last Mile – “Making the Last Mile Work”

Each project was assessed on how well it met the objectives of the TMP and given a rating of 0 to 4 using corresponding icons. The measures to rate each project for each objective are outlined in Exhibit 2.

2.6 Costs

The estimated costs to design and construct the project, along with the incremental annual road operating and maintenance/rehabilitation costs, are documented. Costs were estimated using the Region’s 2015 Road Cost Estimator template.

All costs should be considered concept level and subject to refinement through follow-on EAs and engineering designs.

2.7 Related Projects

Adjacent projects along the corridor that are identified by the TMP are noted in this section. Related grade-separation or interchange projects within the limits of the subject project are also listed.

2.8 Key Intersections and Constraints

The key (Regional road / Regional road) intersections are documented here along with any major physical constraints identified through the desktop review.

3 Project List

The Project Details and Summary Sheets for the TMP projects are included in Appendix A for road-related projects and Appendix B for rapid transit projects. The summary sheets are presented in numerical order by Project ID number in the Appendices; the project numbering key is presented in the tables below.

Road Projects – Capacity Improvements

PROJ. NO.	ROAD NAME	PROJECT LIMITS	PROJ. TYPE	TMP PHASE(S)	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2078	14th Avenue	Markham Road to York/Durham Line	Widen to 4 lanes	2022 to 2026 and 2032 to 2041	Schedule C (Municipal Class EA)	Not started	A-277
2049	15th Sideroad	Highway 400 to Jane Street	Missing Link	2032 to 2041	Schedule C (Municipal Class EA)	Not started	A-177
2050	15th Sideroad	Jane Street to Keele Street	Missing Link	2032 to 2041	Schedule C (Municipal Class EA)	Not started	A-181
2051	15th Sideroad	Keele Street to Bathurst Street	Widen to 4 lanes	2032 to 2041	Schedule C (Municipal Class EA)	Not started	A-185
2086	16th Avenue	Yonge Street to Leslie Street	Widen to 6 lanes	2022 to 2026	Schedule C (Municipal Class EA)	Underway	A-305
2087	16th Avenue	Leslie Street to Woodbine Avenue	Widen to 6 lanes	2017 to 2021	Schedule C (Municipal Class EA)	Underway	A-309
2088	16th Avenue	Woodbine Avenue to McCowan Road	Widen to 6 lanes	2022 to 2026	Schedule C (Municipal Class EA)	Underway	A-313
2036	19th Avenue	Jefferson Forest Drive to Bayview Avenue	Widen to 4 lanes	2017 to 2021	Schedule C (MCEA)	Completed	A-125
2037	19th Avenue	Bayview Avenue to Woodbine Avenue	Widen to 4 lanes	2022 to 2026 and 2027 to 2031	Schedule C (MCEA)	Not started	A-129
2046	2nd Concession	Doane Road to Queensville Sideroad	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Completed	A-165
2156	Baseline Road	McCowan Road to Dalton Road	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-495
2047	Bathurst Street	Steeles Avenue to Centre Street	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-169

PROJ. NO.	ROAD NAME	PROJECT LIMITS	PROJ. TYPE	TMP PHASE(S)	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2048	Bathurst Street	Highway 7 to Gamble Road	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Completed	A-173
2043	Bayview Avenue	Steeles Avenue to Highway 407	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Underway	A-153
2044	Bayview Avenue	Highway 7 to Major Mackenzie Drive	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Underway	A-157
2045	Bayview Avenue	Elgin Mills Road to Wellington Street	Widen to 4 lanes	2017 to 2021, 2027 to 2031, and 2032 to 2041	Schedule C (MCEA)	Completed (Elgin Mills to Stouffville); not started (rest of corridor)	A-161
2052	Bloomington Road	Woodbine Avenue to York/Durham Line	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-189
2085	Carrville Road	Bathurst Street to Yonge Street	Widen to 6 lanes	2027 to 2031	Schedule C (MCEA)	Completed	A-301
2040	Davis Drive	Woodbine Avenue to Highway 48	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-141
2056	Doane Road	Yonge Street to Woodbine Avenue	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA)	Completed	A-205
2054	Donald Cousens Parkway	Major Mackenzie Drive to 16th Avenue	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-197
2053	Donald Cousens Parkway (19th Avenue)	Woodbine Avenue to Major Mackenzie Drive	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-193
2063	Dufferin Street	Langstaff Road to Rutherford Road	Widen to 6 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-225
2064	Dufferin Street	Major Mackenzie Drive to 15th Sideroad	Widen to 4 lanes	2022 to 2026 and 2032 to 2041	Schedule C (MCEA)	Not started	A-229
2060	Elgin Mills Road	Woodbine Avenue to Donald Cousens Parkway	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-221
2042	Glenwoods Avenue	Woodbine Avenue to Highway 404 Extension	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-149
2023	Green Lane	2nd Concession to Highway 404	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-77
2126	Green Lane	Yonge Street to 2nd Concession	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-429
2030	Highway 27	Steeles Avenue to Major Mackenzie Drive	Widen to 6 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-105

PROJ. NO.	ROAD NAME	PROJECT LIMITS	PROJ. TYPE	TMP PHASE(S)	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2031	Highway 27	Major Mackenzie Drive to King Road	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA)	Completed (up to Nashville Road - WVIEA); not started (remainder of corridor)	A-109
2032	Highway 27	King Road to Highway 9	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-113
2077	Highway 48 (MTO)	Major Mackenzie Drive to Bloomington Road	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-273
2024	Highway 50	Steeles Avenue to Highway 7	Widen to 6 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-81
2025	Highway 50	Rutherford Road to Albion-Vaughan Road	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Completed	A-85
2115	Highway 7	Kipling Avenue to Helen Street	Widen to 6 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-393
2007	Highway 7 (MTO)	Donald Cousens Parkway to York/Durham Line	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-21
2039	Highway 9 (MTO)	Highway 27 to east of West Canal Bank Road	Widen to 4 lanes	2027 to 2039	Schedule C (MCEA)	Not started	A-137
2130	Islington Avenue	Willis Road to Langstaff Road	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-441
2065	Jane Street	Teston Road to 15th Sideroad	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-233
2160	Jane Street	Highway 7 to Major Mackenzie Drive	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-507
2019	Jefferson Sideroad	Bathurst Street to Yonge Street	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-65
2004	Keele Street	Steeles Avenue to Highway 407	Widen to 6 lanes	2017 to 2021 and 2022 to 2026	Schedule C (MCEA)	Completed	A-13
2005	Keele Street	Highway 7 to Rutherford Road	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-17
2001	Kennedy Road	Steeles Avenue to Highway 407	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-1
2002	Kennedy Road	Highway 7 to Major Mackenzie Drive	Widen to 6 lanes	2022 to 2026 and 2027 to 2031	Schedule C (MCEA)	Not started	A-5
2003	Kennedy Road	Major Mackenzie Drive to Donald Cousens Parkway	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-9

PROJ. NO.	ROAD NAME	PROJECT LIMITS	PROJ. TYPE	TMP PHASE(S)	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2011	King Road	Caledon-King Townline to Highway 27	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-33
2012	King Road	Highway 27 to Highway 400	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-37
2018	King Vaughan Road	Pine Valley Drive to Bathurst Street	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-61
2034	Kirby Road	Pine Valley Drive to Dufferin Street	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-117
2035	Kirby Road	Dufferin Street to Bathurst Street	Missing Link	2027 to 2031	Schedule C (MCEA)	Not started	A-121
2079	Langstaff Road	Weston Road to Jane Street	Widen to 6 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-281
2080	Langstaff Road	Jane Street to Keele Street	Missing Link	2027 to 2031	Schedule C (MCEA)	Not started	A-285
2081	Langstaff Road	Keele Street to Dufferin Street	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-289
2013	Leslie Street	Elgin Mills Road to 19th Avenue	Widen to 4 lanes	2017 to 2021	Schedule C (MCEA)	Not started	A-41
2014	Leslie Street	19th Avenue to Wellington Street	Widen to 4 lanes	2022 to 2026, 2027 to 2031, and 2032 to 2041	Schedule C (MCEA)	Completed (19th to Stouffville and Bethesda to Bloomington); not started (rest of corridor)	A-45
2015	Leslie Street	Wellington Street to Mulock Drive	Widen to 4 lanes	2017 to 2021	Schedule C (MCEA)	Completed	A-49
2016	Leslie Street	Green Lane to Colonel Wayling Boulevard	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-53
2017	Leslie Street	Mount Albert Road to Queensville Sideroad	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-57
2026	Major Mackenzie Drive	Highway 50 to Highway 27	Widen to 6 lanes	2017 to 2021	Schedule C (MCEA)	Completed	A-89
2027	Major Mackenzie Drive	Highway 27 to Jane Street	Widen to 6 lanes	2017 to 2021	Schedule C (MCEA) from Hwy 400 to Jane Street	Completed west of Hwy 400 (WVIEA); not started (Hwy 400 to Jane)	A-93
2125	Major Mackenzie Drive	Leslie Street to Kennedy Road	Widen to 6 lanes	2022 to 2026 and 2027 to 2031	Schedule C (MCEA)	Not started	A-425

PROJ. NO.	ROAD NAME	PROJECT LIMITS	PROJ. TYPE	TMP PHASE(S)	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2128	Major Mackenzie Drive	Donald Cousens Parkway to Delray Drive	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-437
2076	Markham Road	Steeles Avenue to north of 14th Avenue	Widen to 6 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-269
2074	McCowan Road	Steeles Avenue to Major Mackenzie Drive	Widen to 6 lanes	2022 to 2026 and 2032 to 2041	Schedule C (MCEA)	Not started	A-261
2075	McCowan Road	Major Mackenzie Drive to Donald Cousens Parkway	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-265
2055	Ninth Line	Steeles Avenue to Box Grove Area	Widen to 4 lanes	2022 to 2026	Individual EA	Completed	A-201
2069	Pine Valley Drive	Rutherford Road to King Vaughan Road	Widen to 4 lanes	2022 to 2026, 2027 to 2031, and 2032 to 2041	Schedule C (MCEA)	Not started	A-245
2127	Pine Valley Drive	Steeles Avenue to Highway 7	Widen to 6 lanes	2032 to 2041	Individual EA (WVIEA)	Completed	A-433
2089	Queensville Sideroad	Leslie Street to Woodbine Avenue	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-317
2041	Ravenshoe Road	Woodbine Avenue to Highway 48	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-145
2082	Rutherford Road	Highway 50 to Weston Road	Widen to 6 lanes	2027 to 2031 and 2032 to 2041	Individual EA (WVIEA)	Completed	A-293
2084	Rutherford Road	Jane Street to Bathurst Street	Widen to 6 lanes	2017 to 2021	Schedule C (MCEA)	Completed	A-297
2028	St John's Sideroad	Bathurst Street to Yonge Street	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-97
2029	St John's Sideroad	Bayview Avenue to Highway 404	Widen to 4 lanes	2017 to 2021	Schedule C (MCEA)	Completed	A-101
2116	Steeles Avenue	Highway 50 to Islington Avenue	Steeles (Widen to 6 lanes)	2032 to 2041	Schedule C (MCEA)	Not started	A-397
2117	Steeles Avenue	Pine Valley Drive to Jane Street	Steeles (Widen to 6 lanes)	2032 to 2041	Schedule C (MCEA)	Not started	A-401
2118	Steeles Avenue	Bathurst Street to Hilda Avenue	Steeles (Widen to 6 lanes)	2022 to 2026	Schedule C (MCEA)	Not started	A-405
2121	Steeles Avenue	Kennedy Road to Markham Road	Steeles (Widen to 6 lanes)	2027 to 2031	Schedule C (MCEA)	Underway (Kennedy to Midland), Completed (rest of corridor)	A-409

PROJ. NO.	ROAD NAME	PROJECT LIMITS	PROJ. TYPE	TMP PHASE(S)	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2122	Steeles Avenue	Markham Road to 11th Concession	Steeles (Widen to 6 lanes)	2017 to 2021 and 2027 to 2031	Individual EA and Schedule C (MCEA)	Completed (west of 9th Line); Class EA update required for rest of corridor	A-413
2123	Steeles Avenue	11th Concession to York/Durham Line	Steeles (Widen to 6 lanes)	2027 to 2031	Schedule C (MCEA)	Class EA update required	A-417
2020	Stouffville Road	Yonge Street to Highway 404	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA)	Underway	A-69
2057	Teston Road	Pine Valley Drive to Weston Road	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA)	Completed	A-209
2058	Teston Road	Keele Street to Dufferin Street	Missing Link	2022 to 2026	Individual EA	Not started	A-213
2059	Teston Road	Dufferin Street to Yonge Street	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA) or Individual EA	Not started	A-217
2070	Warden Avenue	Steeles Avenue to McNabb Street	Widen to 6 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-249
2072	Warden Avenue	Highway 7 to Major Mackenzie Drive	Widen to 6 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-253
2073	Warden Avenue	Major Mackenzie Drive to Donald Cousens Parkway	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-257
2021	Wellington Street	Yonge Street to Industrial Parkway	Widen to 4 lanes	2022 to 2026	Schedule C (MCEA)	Not started	A-73
2066	Weston Road	Steeles Avenue to Major Mackenzie Drive	Widen to 6 lanes	2022 to 2026 and 2027 to 2031	Individual EA (WVIEA)	Completed	A-237
2067	Weston Road	Teston Road to King Road	Widen to 4 lanes	2027 to 2031 and 2032 to 2041	Schedule C (MCEA)	Not started	A-241
2009	Woodbine Avenue	Highway 7 to Major Mackenzie Drive	Widen to 6 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-25
2010	Woodbine Avenue	Victoria Square Boulevard to 19th Avenue	Widen to 4 lanes	2027 to 2031	Schedule C (MCEA)	Not started	A-29
2159	Woodbine Avenue	Pollock Road to Old Homestead Road	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-503
2124	Yonge Street	Davis Drive to Green Lane	Widen to 6 lanes	2017 to 2021	Schedule C (MCEA)	Completed	A-421
2038	York/Durham Line	Steeles Avenue to Stouffville Road	Widen to 4 lanes	2032 to 2041	Schedule C (MCEA)	Not started	A-133

MCEA = Municipal Class EA

Road Projects – Midblock Crossings

PROJ. NO.	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2094	Highway 400 north of Kirby Road	2032 to 2041	Schedule C (MCEA)	Not started	A-335
2093	Highway 400 north of Major Mackenzie Drive	2027 to 2031	Schedule C (MCEA)	Completed	A-331
2092	Highway 400 north of Rutherford Road	2032 to 2041	Schedule C (MCEA)	Not started	A-327
2091	Highway 400 south of Highway 7	2027 to 2031	Schedule C (MCEA)	Not started	A-323
2097	Highway 404 north of 16th Avenue	2017 to 2021	Schedule C (MCEA)	Completed	A-347
2101	Highway 404 north of Doane Road	2032 to 2041	Schedule C (MCEA)	Not started	A-363
2099	Highway 404 north of Elgin Mills Road	2032 to 2041	Schedule C (MCEA)	Completed	A-355
2100	Highway 404 north of Green Lane	2032 to 2041	Schedule C (MCEA)	Not started	A-359
2096	Highway 404 north of Highway 7	2017 to 2021	Schedule C (MCEA)	Completed	A-343
2098	Highway 404 north of Major Mackenzie Drive	2027 to 2031	Schedule C (MCEA)	Underway	A-351
2095	Highway 407 at Cedar Avenue	2017 to 2021	Schedule B or C (MCEA)	Not started	A-339
2090	Highway 427 north of Langstaff Road	2027 to 2031	Schedule C (MCEA)	Completed	A-321

MCEA = Municipal Class EA

Road Projects – Highway Interchanges

PROJ. NO.	ROAD NAME	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2114	Highway 400 Interchange Improvements	at Highway 7 - Vaughan Metropolitan Centre	2017 to 2021	Schedule A+ (MCEA)	Completed	A-391
2113	Highway 400 Interchange Improvements	at Langstaff Road	2027 to 2031	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-389
2164	Highway 400 Interchange Improvements	at Steeles Avenue	2032 to 2041	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-517
2111	Highway 400 New Interchange	at 15th Sideroad	2032 to 2041	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-385
2112	Highway 400 New Interchange	at King Vaughan Road	2032 to 2041	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-387
2158	Highway 400 New Interchange	at Kirby Road	2027 to 2031	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-501
2106	Highway 404 Interchange Improvements	at 16th Avenue	2017 to 2021	Group B (Provincial Class EA)	Completed (Hwy 404 EA)	A-375
2103	Highway 404 Interchange Improvements	at Mulock Drive	2022 to 2026	Group B (Provincial Class EA)	Completed (Hwy 404 EA)	A-369
2105	Highway 404 New Interchange	at 19th Avenue	2027 to 2031	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-373

PROJ. NO	ROAD NAME	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2104	Highway 404 New Interchange	at St John's Sideroad	2027 to 2031	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-371
2102	Highway 404 New Interchange	at Doane Road	2022 to 2026	Schedule C (MCEA)	Completed	A-367
2110	Highway 407 Interchange Improvements	at Donald Cousens Parkway	2022 to 2026	Individual EA	Completed	A-383
2109	Highway 407 Interchange Improvements	at Ninth Line	2032 to 2041	Schedule A+ (MCEA)	N/A	A-381
2108	Highway 407 New Interchange	at Centre Street	2032 to 2041	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-379
2107	Highway 407 New Interchange	at Martin Grove Road	2027 to 2031	Schedule C (MCEA) or Group B (Provincial Class EA)	Not started	A-377

MCEA = Municipal Class EA

Road Projects – Rail Grade Separations

PROJ. NO	ROAD NAME	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2131	Barrie GO Grade Separation	Rutherford Road east of Keele Street	2017 to 2021	Schedule C (MCEA)	Not started	A-445
2132	Barrie GO Grade Separation	Wellington Street west of Industrial Parkway	2022 to 2026	Schedule C (MCEA)	Not started	A-447
2136	Barrie GO Grade Separation	Langstaff Road east of Keele Street	2022 to 2026	Schedule C (MCEA)	Not started	A-455
2140	Barrie GO Grade Separation	Green Lane east of 2nd Concession	2022 to 2026	Schedule C (MCEA)	Not started	A-463
2142	Barrie GO Grade Separation	King Vaughan Road west of Keele Street	2032 to 2041	Schedule C (MCEA)	Not started	A-467
2143	Barrie GO Grade Separation	St John's Sideroad east of Yonge Street	2027 to 2031	Schedule C (MCEA)	Not started	A-469
2145	Barrie GO Grade Separation	Dufferin Street north of King Road	2032 to 2041	Schedule C (MCEA)	Not started	A-473
2146	Barrie GO Grade Separation	Teston Road east of Keele Street	2022 to 2026	Schedule C (MCEA)	Not started	A-475
2147	Barrie GO Grade Separation	Kirby Road west of Keele Street	2027 to 2031	Schedule C (MCEA)	Not started	A-477
2151	Barrie GO Grade Separation	Davis Drive east of Main Street	2027 to 2031	Schedule C (MCEA)	Not started	A-485
2152	Barrie GO Grade Separation	15th Sideroad west of Bathurst Street	2032 to 2041	Schedule C (MCEA)	Not started	A-487
2157	Barrie GO Grade Separation	Mulock Drive west of Bayview Avenue	2022 to 2026	Schedule C (MCEA)	Not started	A-499
2154	CN Bala Grade Separation	Aurora Road east of Woodbine Avenue	2032 to 2041	Schedule C (MCEA)	Not started	A-491

PROJ. NO	ROAD NAME	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
2155	CP Havelock Grade Separation	14th Avenue east of Donald Cousens Parkway	2032 to 2041	Individual EA	Completed	A-493
2161	CP Havelock Grade Separation	Steeles Avenue east of Tapscott Road	2032 to 2041	Schedule C (MCEA)	Not started	A-511
2141	CP MacTier Grade Separation	Major Mackenzie Drive west of Highway 27	2017 to 2021	Individual EA	Completed	A-465
2144	CP MacTier Grade Separation	Rutherford Road west of Highway 27	2032 to 2041	Individual EA	Completed	A-471
2149	CP MacTier Grade Separation	Islington Avenue north of Steeles Avenue	2032 to 2041	Schedule C (MCEA)	Not started	A-481
2139	Richmond Hill GO Grade Separation	Elgin Mills Road east of Yonge Street	2022 to 2026	Schedule C (MCEA)	Not started	A-461
2148	Richmond Hill GO Grade Separation	Leslie Street south of Stouffville Road	2027 to 2031	Schedule C (MCEA)	Not started	A-479
2150	Richmond Hill GO Grade Separation	19th Avenue west of Bayview Avenue	2027 to 2031	Schedule C (MCEA)	Not started	A-483
2133	Stouffville GO Grade Separation	Steeles Avenue east of Kennedy Road	2017 to 2021	Schedule C (MCEA)	Not started	A-449
2134	Stouffville GO Grade Separation	Kennedy Road north of Steeles Avenue	2022 to 2026	Schedule C (MCEA)	Underway	A-451
2135	Stouffville GO Grade Separation	Highway 7 west of Kennedy Road	2022 to 2026	Schedule C (MCEA)	Not started	A-453
2137	Stouffville GO Grade Separation	Kennedy Road north of Highway 7	2022 to 2026	Schedule C (MCEA)	Not started	A-457
2138	Stouffville GO Grade Separation	McCowan Road north of Highway 7	2022 to 2026	Schedule C (MCEA)	Not started	A-459
2153	Stouffville GO Grade Separation	16th Avenue east of Highway 48	2032 to 2041	Schedule C (MCEA)	Not started	A-489
2162	Stouffville GO Grade Separation	Ninth Line north of Elgin Mills	2032 to 2041	Schedule C (MCEA)	Not started	A-513
2163	Stouffville GO Grade Separation	Major Mackenzie east of Highway 48	2032 to 2041	Schedule C (MCEA)	Not started	A-515

MCEA = Municipal Class EA

Transit Projects

PROJ. NO	ROAD NAME	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
1022	Clark Avenue-New Westminster Drive	Centre Street to Yonge Street	2017 to 2021	Schedule A+ (MCEA)	N/A	B-69
1011	Don Mills Road - Leslie Street	Steeles Avenue to Highway 7	2027 to 2031	Schedule C (MCEA)	On Hold	B-39
1021	Green Lane	Yonge Street to GO Station	2032 to 2041	Schedule C (MCEA)	Completed	B-65
1006	Highway 7	Highway 50 to Helen Street	2027 to 2031 and 2032 to 2041	Individual EA	Completed	B-21
1007	Highway 7	Helen Street to Yonge Street	2017 to 2021	Individual EA	Completed	B-25
1009	Highway 7	Town Centre Boulevard to Kennedy Road	Under construction	Individual EA	Completed	B-31
1010	Highway 7	Unionville GO Station to Cornell Terminal	2022 to 2026	Individual EA	Completed	B-35
1017	Jane Street	Highway 7 to Rutherford Road	2027 to 2031	Schedule C (MCEA) or TPAP	Not started	B-55
1018	Jane Street	Rutherford Road to Major Mackenzie Drive	2027 to 2031	Schedule C (MCEA) or TPAP	Not started	B-59
1012	Leslie Street	Highway 7 to Major Mackenzie Drive	2027 to 2031	Schedule C (MCEA)	On Hold	B-43
1013	Major Mackenzie Drive	Jane Street to Leslie Street	2027 to 2031	Schedule C (MCEA) or TPAP	Not started	B-47
1014	Major Mackenzie Drive	Leslie Street to Donald Cousens Parkway	2027 to 2031: Viva Curbside Service 2032 to 2041: Dedicated Rapidway	Schedule C (MCEA) or TPAP	Not started	B-51
1024	Steeles Avenue	Spadina Subway to Milliken GO	2027 to 2031	Schedule C (MCEA) or TPAP	Not started	B-77
1025	Viva Expansion Plan	Jane St/Major Mackenzie Dr/Leslie St/Hwy 7/Clark Ave	2017 to 2021	Schedule A+ (MCEA)	N/A	B-83
1023	Woodbine Avenue	Steeles Avenue to Major Mackenzie	2027 to 2031: Viva Curbside Service 2032 to 2041: Dedicated Rapidway	Schedule C (MCEA) or TPAP	Not started	B-73
1001	Yonge Street	Highway 7 to Major Mackenzie Drive	2017 to 2021	Individual EA	Completed	B-1
1002	Yonge Street	Major Mackenzie Drive to Gamble Road/19th Avenue	2017 to 2021	Individual EA	Completed	B-5
1003	Yonge Street	Gamble Road/19th Avenue to Mulock Drive	2022 to 2026	Schedule C (MCEA)	Completed	B-9

PROJ. NO	ROAD NAME	PROJECT LIMITS	TMP PHASE	PROJECT SCHEDULE	EA STATUS	PAGE NO.
1004	Yonge Street	Mulock Drive to Davis Drive	2017 to 2021	Schedule C (MCEA)	Completed	B-13
1005	Yonge Street	Davis Drive to Green Lane	2032 to 2041	Schedule C (MCEA)	Completed	B-17
1026	Yonge Street	Downtown Aurora, Downtown Richmond Hill	2017 to 2021	Schedule C (MCEA)	Not started	B-85
1019	Yonge Subway Extension	Steeles Avenue to Richmond Hill Centre	2022 to 2026	TPAP	Completed	B-63

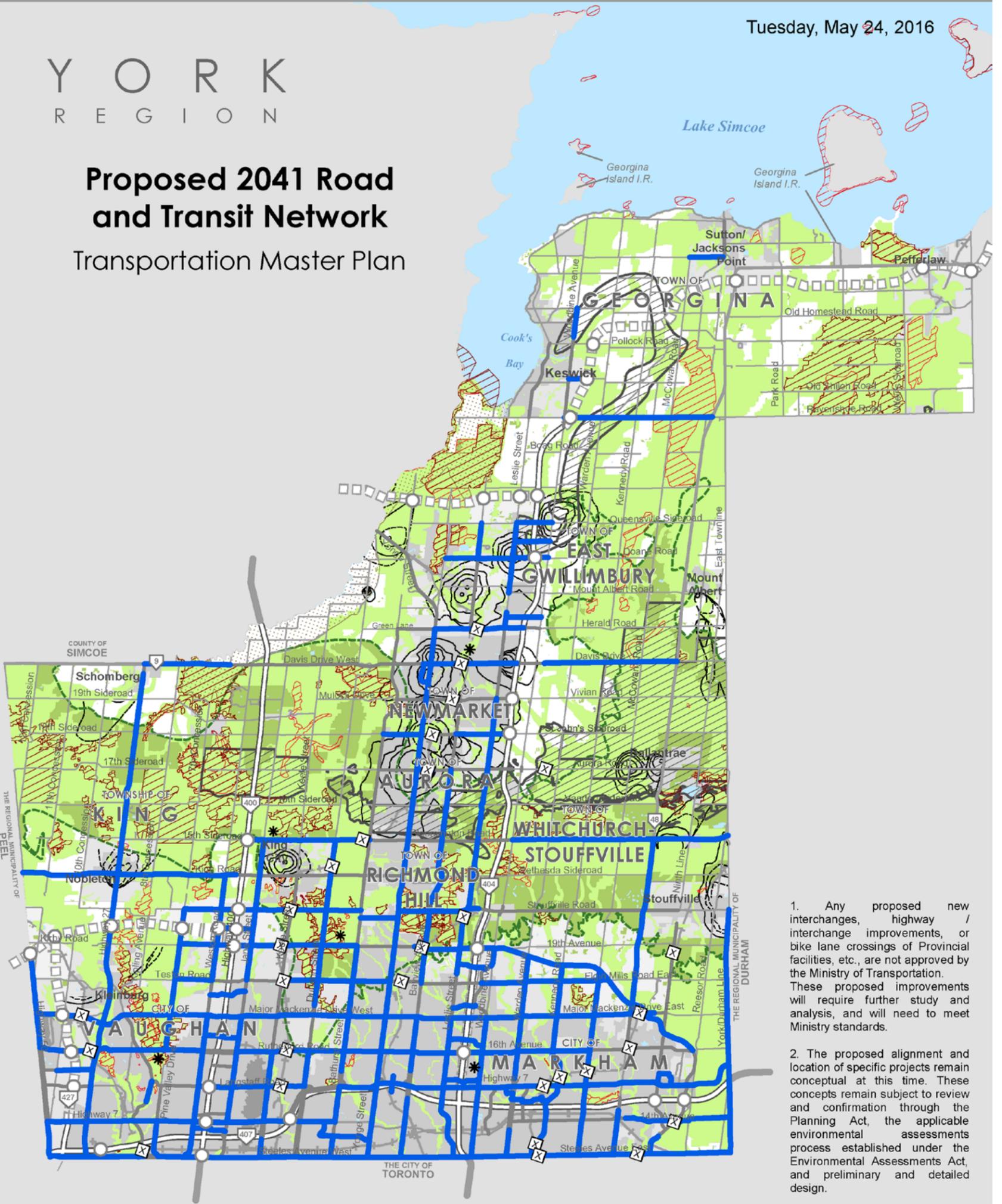
MCEA = Municipal Class EA

Exhibit 1: Environmental Features with Recommended Network Overlay

Tuesday, May 24, 2016

YORK REGION

Proposed 2041 Road and Transit Network Transportation Master Plan



1. Any proposed new interchanges, highway / interchange improvements, or bike lane crossings of Provincial facilities, etc., are not approved by the Ministry of Transportation. These proposed improvements will require further study and analysis, and will need to meet Ministry standards.

2. The proposed alignment and location of specific projects remain conceptual at this time. These concepts remain subject to review and confirmation through the Planning Act, the applicable environmental assessments process established under the Environmental Assessments Act, and preliminary and detailed design.

Legend

- Proposed Grade Separation
- Proposed Interchange Improvements (to be confirmed by MTO)
- Proposed Network Improvements
- Biological ANSI
- Biological ESA
- Hydrological ESA
- Physical ESA
- ORM Designated Area
- Wellhead Protection Area
- Greenlands System
- Regional Forests and Natural Areas

BASE MAP INFORMATION

- Provincial Freeway
- Provincial Highway
- Road
- Railway
- Future MTO Freeway



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 Transportation Services
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 May 2016

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Exhibit 2: Typical Measures to Assess Alignment with TMP Objectives

Rating Objective					
Support Transit	<ul style="list-style-type: none"> Does not benefit transit 	<ul style="list-style-type: none"> Improves traffic operations along a corridor with transit service 	<ul style="list-style-type: none"> HOV Network (widen to 6 lanes) Provides new link across barrier (i.e. midblock crossing) Grade separation on frequent transit network corridor. 	<ul style="list-style-type: none"> Supports Frequent Transit Network (FTN) Provides connection to GO station or other major transit hub Grade separation on RT corridor. 	<ul style="list-style-type: none"> Rapid transit (RT) corridor (including interim RT projects and "rapid transit subject to further study")
Support Road Network	<ul style="list-style-type: none"> Does not impact traffic operations 	<ul style="list-style-type: none"> Provides additional capacity. 	<ul style="list-style-type: none"> Grade separation on 2-lane road V/C ratio improves, but max v/c ratio and average v/c ratio still >1.0 	<ul style="list-style-type: none"> Grade separation on 4-lane road New/improved interchange connection with highway network not directly connected to employment area v/c ratio improves and average v/c ratio is <1.00 	<ul style="list-style-type: none"> Midblock connection Missing link Grade separation on 6-lane road or RT corridor New/improved interchange connection with highway network with connection to employment area v/c ratio improves and max v/c ratio is <1.00
Support Active Transportation	<ul style="list-style-type: none"> Does not impact active transportation 	<ul style="list-style-type: none"> Rail grade separation Either cycling facilities or sidewalks (both sides) already exist and are to be maintained 	<ul style="list-style-type: none"> Provides improved AT facilities along a corridor where basic facilities already exist (Shared to dedicated cycling facilities; sidewalk on one side only to sidewalk on both sides). Both cycling facilities and sidewalks (both sides) exist and are to be maintained Midblock crossing (new link across barrier) w/ no cycling facilities 	<ul style="list-style-type: none"> Provides dedicated cycling facility where one does not exist Eliminates sidewalk gap in urban area not associated with significant transit. Midblock crossing w/ dedicated cycling facilities 	<ul style="list-style-type: none"> Eliminates sidewalk gap along major transit route (FTN, RT) Provides separated cycling facility where one does not exist Midblock crossing with separated cycling facilities
Support Goods Movement	<ul style="list-style-type: none"> Does not impact goods movement (truck volume not on YR-provided map) 	<ul style="list-style-type: none"> Widening/capacity improvement not on strategic goods movement network but serves a low volume of trucks (<1000/day per as YR map) Midblock connection (no employment areas/not on SGMN) 	<ul style="list-style-type: none"> Widening/capacity improvement not on strategic goods movement network but serves a moderate volume of trucks (1000>x>3000/day as per YR map) Midblock connection (employment area on one sides) Grade separation on secondary SGMN 	<ul style="list-style-type: none"> New/improved interchange not on strategic goods movement network Improvement on Secondary Strategic Goods Movement Network Widening/capacity improvement not on strategic goods movement network but serves a high volume of trucks (>3000/day as per YR map) Midblock connection (employment area on both sides) Grade separation on primary Strategic Goods Movement Network 	<ul style="list-style-type: none"> New/improved interchange to/from major employment area Improvement on Primary Strategic Goods Movement Network
Support Last Mile (e.g. TDM, commuter parking, address active transportation gaps)	<ul style="list-style-type: none"> Does not impact last mile 	<ul style="list-style-type: none"> Urban road projects not directly adjacent to existing or proposed major transit station or commuter parking facility Rail grade separation 	<ul style="list-style-type: none"> Road project adjacent to existing or proposed major transit station or commuter parking facility New AT facilities (not shared) not directly adjacent to FTN or major transit stops New midblock connection over a barrier without cycling infrastructure 	<ul style="list-style-type: none"> New/improved interchange at current or proposed commuter parking facility New/improved basic cycling facilities (dedicated lanes) and sidewalks adjacent to FTN or major transit stations RT corridor 	<ul style="list-style-type: none"> New/improved full AT facilities (separated cycling infrastructure and continuous sidewalks on both sides) adjacent to FTN or major transit station