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TO:	TRANSPORTATION ADVISORY COMMITTEE MEETING ON JUNE 2, 2015
FROM:	DOUG MACRAE, P.ENG. MANAGER, TRANSPORTATION PLANNING & DESIGN
SUBJECT:	TRANSPORTATION GROWTH PROGRAM MAJOR ROADWORKS 20 YEAR SUMMARY

The following information is provided for the committee's information.

The Transportation Growth Program is based largely on the recommendations of the 2030 Smart Moves Transportation Master Plan completed in 2013. An objective of the study was to identify the Major Roadworks needed to meet 20 year growth requirements.

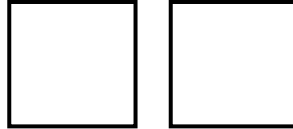
The funding for the Transportation Growth Program is established in the 2014 Development Charges (DC) Bylaw that was approved August 2014. The primary goal of the DC study was to identify, prioritize and calculate the cost of transportation works required over a 20 year planning horizon, including an assessment of works that are attributable to Growth. Additional information on the 2030 Master Plan, 2014 Development Charges Bylaw and Background Study is available on the City website.

See Appendix A for tables that summarize the Transportation Growth Program Major Roadworks as established in the Development Charges Bylaw and Background Study.

- The first table shows the major expansion projects which are predominantly road widenings.
- The second table identifies upgrades to two-lane roads.

The provided info is limited to the major roadworks category. It does not include the minor roadwork programs such as miscellaneous traffic signals, sidewalks, turn lanes and cycling facilities. It also does not include the rapid transit projects identified in the DC Background Study. TAC will receive more information on that initiative via the Shift Rapid Transit EA.

Attach: Appendix A - Transportation Growth Program 20 year Summary



Appendix A Transportation Growth Program 20 year Summary

FUTURE MAJOR TRANSPORTATION ROADWORKS (2014-2033)

Road Name	Limits	Improvement	Recommended Year
Hyde Park Road	Oxford to CPR	2 to 4 through lanes	2014
Sunningdale Road	Stage 1 - Phase 1 - Wonderland/Sunningdale Intersection	2 to 4 through lanes	2014
Wonderland Interchange	Highway 401	Interchange	2015
Commissioners Road	Wonderland Road to Viscount Road	2 to 4 through lanes with centre turn lane	2015
Hyde Park Road	CPR to Fanshawe Park Road	2 to 4 through lanes	2015
Fanshawe Park Road	Adelaide Street to Highbury Avenue	2 to 4 through lanes with centre turn lane	2016
Sarnia Road	Wonderland Road to Sleightholme Ave	3 to 4 through lanes	2016
VMP Interchange & Extension	Highway 401	Interchange	2016
Intersection- Western/Sarina		Intersection	2017
Bradley Avenue Extension	Phase 2 - Wharncliffe to Wonderland	4 through lanes	2017
Intersection- Richmond/Fanshawe		Intersection	2018
Highbury Interchange	Highway 401	Interchange	2018
Western Road	Platts Lane to Oxford Street	2 to 4 through lanes, including widening rail underpass	2018
Colonel Talbot Interchange	Highway 401	Interchange	2018
Veterans Memorial Parkway	Huron Street to Clarke Road	New 2 through lanes	2019
Intersection- Highbury/Hamilton		Intersection	2019
Wharncliffe Road	Horton Street to Commissioners Road	Optimization	2019
Hyde Park Road	Oxford Intersection	Intersection	2019
Wharncliffe Road	Becher Street to Springbank Drive	2 to 4 through lanes	2019
Pond Mills Road	Hwy 401 Bridge	Hwy 401 Bridge Expansion	2019
Sunningdale Road	Stage 1 - Phase 2 - Richmond/Sunningdale Intersection	2 to 4 through lanes	2020
Sunningdale Road	Stage 2 - Phase 3 - Richmond to Wonderland	2 to 4 through lanes	2020
Wonderland Road	Phase 1 - Riverside to Springbank	4 to 6 through lanes	2020
Adelaide Street North	Grenfell Drive to Sunningdale Road	2 to 4 through lanes	2021
Clarke Road	VMP Extension to Fanshawe Park Road	2 to 4 through lanes	2021
Sunningdale Road	Stage 2 - Phase 2 - Bluebell to Richmond	2 to 4 through lanes	2022
Bradley Avenue Extension	Phase 1 - Jalna to Wharncliffe	4 through lanes	2022
Wonderland Road	Phase 2 - Springbank to Commissioners	4 to 6 through lanes	2022
Southdale Road West	Phase 2 - Farnham to Pine Valley	2 to 4 through lanes with centre turn lane	2022
Wonderland	Phase 1 - Riverside to	4 to 6 through lanes	2023



Road	Oxford		
Bradley Avenue	Phase 1 - Dearness to Pond Mills	2 to 4 through lanes	2024
Wonderland Road	Phase 1 - Exeter to Hwy 402	2 to 4 through lanes	2024
Wonderland Road	Phase 2 - Oxford to Sarnia	4 to 6 through lanes	2025
Sunningdale Road	Stage 2 - Phase 1 - Adelaide to Bluebell	2 to 4 through lanes	2025
Huron Street	Adelaide Street to Vesta Road	2 to 4 through lanes	2025
Huron Street	Highbury to Clarke Road	2 to 4 through lanes	2026
Southdale Road West	Phase 1 - Colonel Talbot to Farnham	2 to 4 through lanes with centre turn lane	2026
Wonderland Road North	Sunningdale Road to Fanshawe Park Road	2 to 4 through lanes	2027
Sarnia Road	Phase 2 - Hyde Park to Oakcrossing Gate	2 to 4 through lanes	2027
Boler Road / Sanatorium Road	Phase 1 - Oxford to Riverside	2 to 4 through lanes	2027
Adelaide Street	Fanshawe Park Road to Hamilton Road	Optimization	2027
Veterans Memorial Parkway	Oxford Street to Huron Street	2 to 4 through lanes	2028
Commissioners Road East	Highbury Ave to Jackson Rd	2 to 4 through lanes	2028
Wonderland Road	Phase 2 - Hwy 402 to Hwy 401	2 to 4 through lanes	2028
Oxford Street West	Phase 1 - Sanitorium to Commissioners	2 to 4 through lanes	2029
Hamilton Road	Old Victoria to Veterans Memorial Parkway	2 to 4 through lanes with centre turn lane	2029
Hamilton Road	Highbury to River Run Terrace	2 to 4 through lanes	2029
Hamilton Road	Adelaide Street to Highbury Avenue	Optimization	2029
Boler Road / Sanatorium Road	Phase 2- Riverside to Commissioners	2 to 4 through lanes	2030
Bradley Avenue	Phase 2 - Pond Mills to Jackson	2 to 4 through lanes	2030
Commissioners Road West	Cranbrook Road to Springbank Drive	4 through lanes with centre turn lane	2031
Adelaide Street	CPR Overpass	Overpass	2031
Bradley Avenue Extension	Phase 3 - Wonderland to Bostwick	2 through lanes	2032
Oxford Street West	Phase 2 - Commissioners to Westdel Bourne	2 to 4 through lanes	2032
Fanshawe Park Road East	Clarke to Highbury	2 to 4 through lanes	2032
Commissioners Road West	Wonderland Road to Cranbrook Road	2 to 4 through lanes with centre turn lane	2032
Fanshawe Park Road	Phase 1 - Adelaide to Richmond	4 to 6 through lanes	2033
Veterans Memorial Parkway	Bradley Avenue	Interchange	2033

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FUTURE ROAD WORKS - TWO-LANE ARTERIAL UPGRADES (2014-2033)

Kilally Phase 1	175m west of Webster to 225m east of Webster	2 Lane Upgrade (Rural X-Section)	2016
Sarnia Road	Stage 2 Phase 2 - Hyde Park to Oakcrossing Gate	2 Lane Upgrade (Urban X-Section)	2017
Sunningdale	South Winege to Highbury	2 Lane Upgrade (Urban X-Section)	2017
Wonderland	401 to 402	2 Lane Upgrade (Rural X-Section)	2017
Wickerson	Ironwood to Southdale	2 Lane Upgrade (Rural X-Section)	2018
Southdale	Wickerson to Bramblewood Place	2 Lane Upgrade (Rural X-Section)	2018
Southdale	Wickerson to Westdel Bourne	2 Lane Upgrade (Rural X-Section)	2018
Huron	VMP easterly to Railway	2 Lane Upgrade (Rural X-Section)	2019
Wilton Grove	Commerce Road to City Limits	2 Lane Upgrade (Rural X-Section)	2019
Bostwick	Pack to Southdale	2 Lane Upgrade (Rural)	2021
Pack Rd	Colonel Talbot to Bostwick	2 Lane Upgrade (Rural X-Section)	2022
Hamilton	Gore to Old Victoria	2 Lane Upgrade (Urban X-Section)	2023
Old Victoria	Hamilton to Bradley	2 Lane Upgrade (Rural X-Section)	2024
Byron Baseline	Wickerson to Westdel Bourne	2 Lane Upgrade (Rural X-Section)	2025
Colonel Talbot	300m South of Southdale to Kilbourne	2 Lane Upgrade (Urban X-Section)	2026
Kilally Phase 2	Webster to Clarke	2 Lane Upgrade (Rural X-Section)	2030