

ASSET MANAGEMENT STATE OF INFRASTRUCTURE 2024

November 10, 2024
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INTRODUCTION

The City of St. Thomas owns and maintains assets worth **\$1.99 Billion**. These assets are classified into three main asset categories and further into **17 major** asset classes.

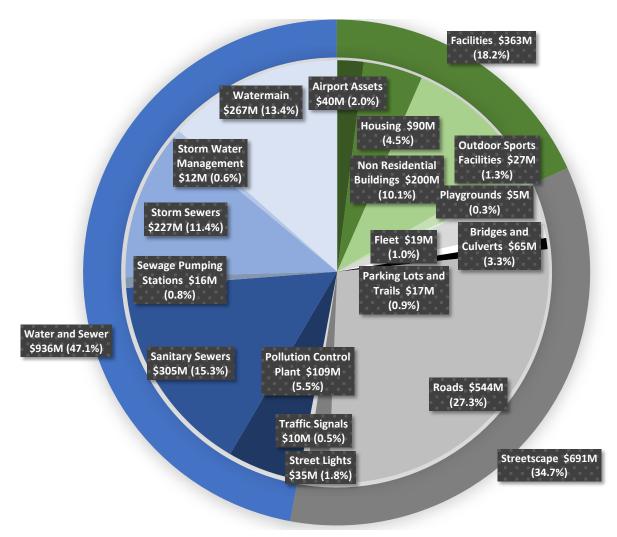


Figure 1 - Total Assets

As set out in Ontario Regulation 588/17: Asset Management Planning for Municipal Infrastructure under the Infrastructure for Jobs and Prosperity Act, 2015, the City strives to sustainably maintain and manage these assets as laid out in the City of St. Thomas Asset Management Plan. The purpose of this report is to evaluate how the City has performed against the asset management plan targets.



The following pages show summaries of the total assets owned by St. Thomas, the average condition, the annual funding target variance, and the backlog of work (often called the infrastructure gap). Each asset has its own detailed asset report card describing condition, Canadian average condition, condition trend, historical funding, funding request and the infrastructure gap.

Total asset values reflect the replacement cost in 2023 dollars.



TOTAL MUNICIPAL ASSETS

WATERMAINS
PUMPING STATIONS
STORM SEWERS
SANITARY SEWERS
STORM POND MANAGEMENT
POLLUTION CONTROL

WATER AND SEWER

SUMMARY ON PAGE 7

\$1.99 Billion

-\$9.9M FUNDING TARGET VARIANCE

\$58.7M INFRASTRUCTURE GAP

\$104,821 is the

per household replacement value of all City infrastructure

FACILITIES

SUMMARY ON PAGE 21

CITY OWNED BUILDINGS
HOUSING CORPORATION PROPERTIES
AIRPORT ASSETS
PLAYGROUNDS
OUTDOOR RECREATION FACILITIES

STREETSCAPES

SUMMARY ON PAGE 14

BRIDGES & CULVERTS
ROADS & LANES
TRAFFIC SIGNALS & PEDESTRIAN CROSSINGS
STREETLIGHTS
FLEET
PARKING LOTS & PAVED TRAILS



Overall Asset Condition Summary

The following chart summarizes the overall condition of all asset classes in the City of St. Thomas. Overall 81% of all City assets are in good to very good condition, 14% are in fair or poor condition and 5% are in very poor condition.



Figure 2 - Overall Asset Condition

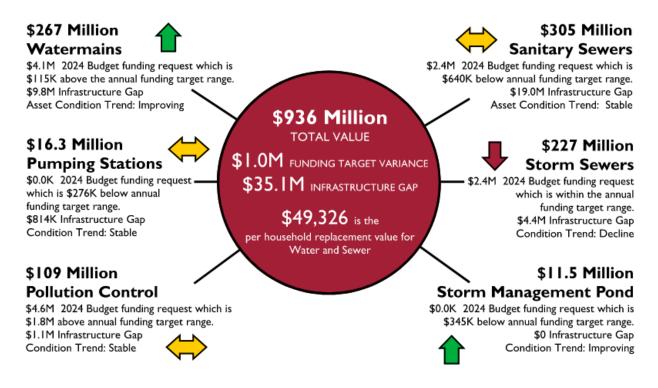


WATER AND SEWER

The Water and Sewer asset category includes the following asset classes:

- 223 km of watermain
- 2 water pumping stations
- 161 km of storm sewers
- 24 storm water management (SWM) ponds
- 194 km of sanitary sewers
- 10 sewage pumping stations
- Pollution Control Plant (PCP)

Asset Report Cards for asset classes in the Water and Sewer asset category are contained in the following pages.





Watermain Asset Report Card

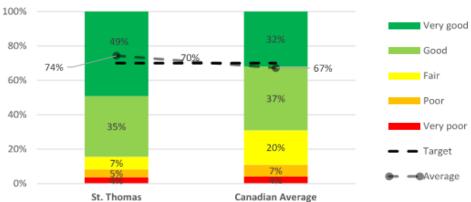
Watermain

Asset Report Card - ID No. 11



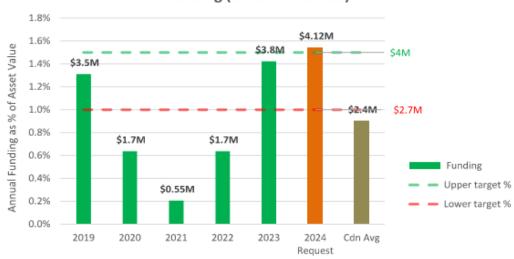
223 kilometres - \$267,000,000 (\$14,070/household)





	Condition Trend						
2019	2020	2021	2022	2023	Target	Trend	
71	70	68	71	74	70	1	

Funding (5 Year Historical)



Infrastructure Gap \$9,800,000 (\$516/household)



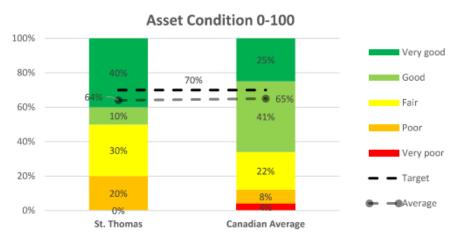
Pumping Stations Asset Report Card

Pumping Stations

Asset Report Card - ID No. 4

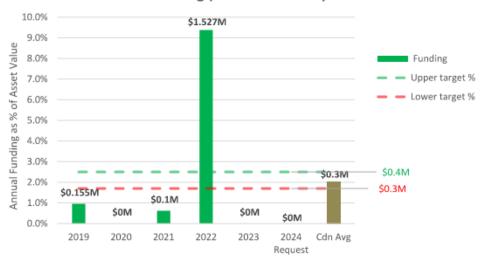


10 pumping stations - \$16,272,500 (\$860/household)



Condition 7	Frend					
2019	2020	2021	2022	2023	Target	Trend
62	75	65	63	63	70	(

Funding (5 Year Historical)



Infrastructure Gap \$813,625 (\$43/household)



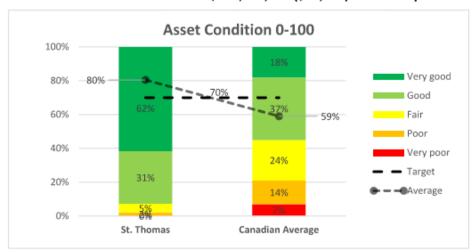
Storm Sewers Asset Report Card

Storm Sewers

Asset Report Card - ID No. 7



175 kilometres - \$227,000,000 (\$12,353/household)



	Condition Trend							
2019 2020 2021 2022 2023 Target Trend								
79	79	80	81	80	70	Û		

Funding (5 Year Historical)



Infrastructure Gap \$4,400,000 (\$239/household)



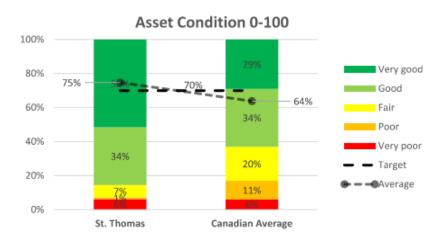
Sanitary Sewers Asset Report Card

Sanitary Sewers

Asset Report Card - ID No. 2



203 kilometres - \$305,000,000 (\$16,073/household)



	Condition Trend							
2019	2020	2021	2022	2023	Target	Trend		
69	69	69	75	75	70	₩		

Funding (5 Year Historical)



Infrastructure Gap \$19,030,000 (\$1,003/household)



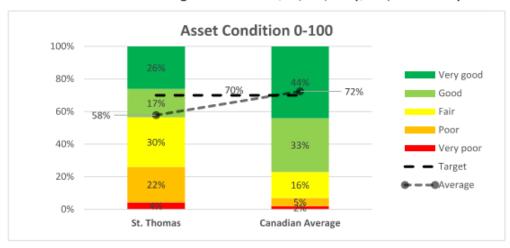
Stormwater Management Pond Asset Report Card

Storm Management Ponds

Asset Report Car - ID No. 6



23 Stormwater Management Ponds - \$11,500,000 (\$610/household)



	Condition Trend							
2019	2019 2020 2021 2022 2023 Target Trend							
65	62	62	56	58	70	1		

Funding (5 Year Historical)



Infrastructure Gap \$0 (\$0/household)



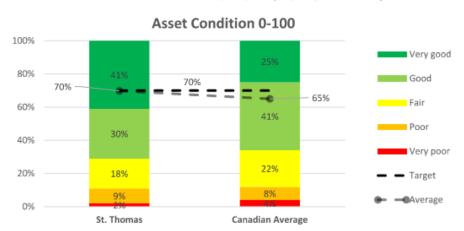
Pollution Control Plant Asset Report Card

Pollution Control Plant

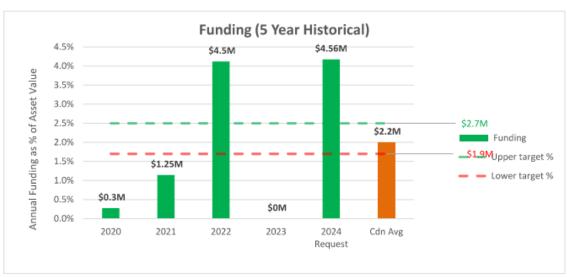
Asset Report Card - ID No. 10



Pollution Control Plant - \$109,250,000 (\$5,757/household)



	Condition Trend							
2019	2020	2021	2022	2023	Target	Trend		
69	69	70	70	70	70	⇔		



Note: The 2024 request includes Green Stream funding.

Infrastructure Gap \$1,092,500 (\$58/household)

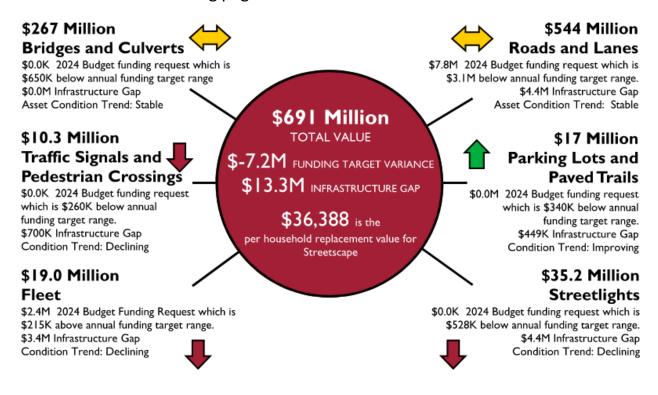


STREETSCAPES

The Streetscapes asset category includes the following asset classes:

- 13 Bridges
- 9 Large culverts
- 194 km of roads and lanes
- 40 Traffic signals
- 12 Pedestrian crossings
- 5352 Streetlights
- 78 Fleet Vehicles
- 53 Units of Equipment
- 11 Transit Buses
- 21 Municipally run parking lots
- 9 Municipally owned facility paved parking lots
- 6 Municipally owned facility unpaved parking lots
- 11.2 km of paved trails

Asset Report Cards for the asset classes in the Streetscapes asset category are contained in the following pages.





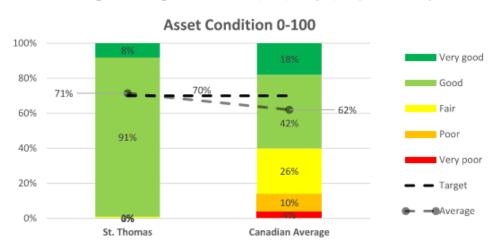
Bridges and Culverts Asset Report Card

Bridges & Large Culverts

Asset Report Card - ID No. 1



13 Bridges & 9 Large Culverts - \$65,000,000 (\$3,425/household)



	Condition Trend							
2019	2019 2020 2021 2022 2023 Target Trend							
71								

Funding (5 Year Historical) 3.0% \$1.6M Annual Funding as % of Asset Value 2.5% Funding 2.0% Upper target % Lower target % 1.5% \$0.8M 1.0% 1.0% \$0.4M \$0.392M 0.5% \$0.15M \$0.1M \$0M 0.0% 2019 2020 2021 2022 2023 2024 Cdn Avg

Infrastructure Gap \$0 (\$0/household)

Request



Roads & Public Lanes Asset Report Card

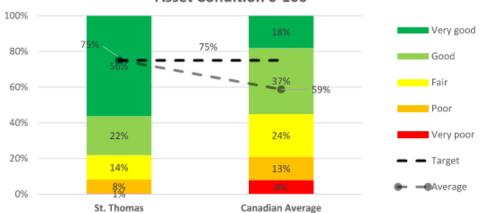
Roads and Lanes

Asset Report Card - ID No. 5



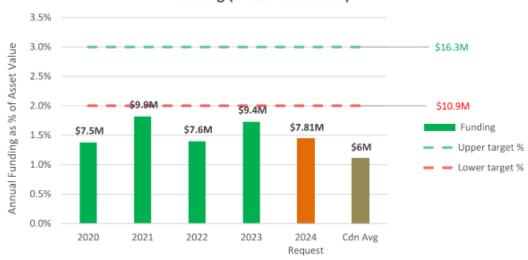
506 lane kilometres - \$544,000,000 (\$28,668/household)





	Condition Trend							
2019	2019 2020 2021 2022 2023 Target Trend							
75								

Funding (5 Year Historical)



Infrastructure Gap \$4,400,000 (\$232/household)



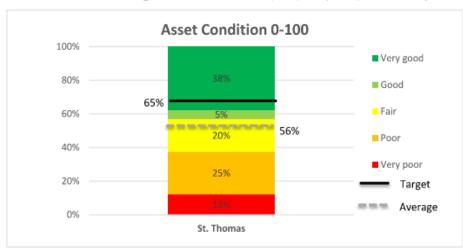
Traffic Signals Asset Report Card

Traffic Signals & Pedestrian Crossings

Asset Report Card - ID No. 9

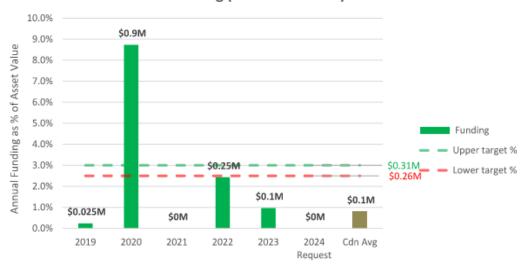


42 Traffic Signals & 14 PXO's - \$10,304,000 (\$540/household)



	Condition Trend							
2019	2019 2020 2021 2022 2023 Target Trend							
50								

Funding (5 Year Historical)



Note: 2020 Request from Federal/Provincial Transit Funding

Infrastructure Gap \$700,000 (\$37/household)



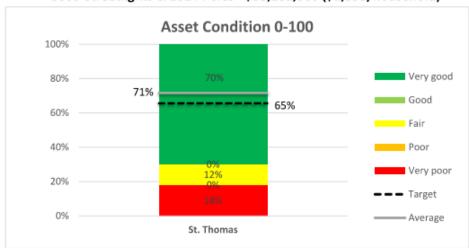
Streetlights Asset Report Card

Streetlights

Asset Report Card - ID No. 8

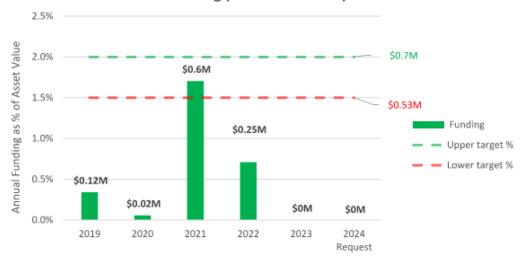


5599 Streetlights & 2824 Poles - \$35,202,000 (\$1,855/household)



	Condition Trend							
2019	2019 2020 2021 2022 2023 Target Trend							
67	67 67 67 72 71 65							

Funding (5 Year Historical)



Infrastructure Gap \$4,400,000 (\$232/household)



Fleet Asset Report Card

Fleet

Asset Report Card - ID No. 3



78 Vehicles, 53 Pieces of Equipment & 11 Transit Vehicles - \$19,000,000 (\$1,001/household)



	Condition Trend							
2019	2019 2020 2021 2022 2023 Target Trend							
90	92	79	83	40	70	←		

Funding (5 Year Historical)

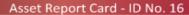


Infrastructure Gap \$3,376,574 (\$178/household)



Municipal & Facility Parking Lots & Paved Trails Asset Report Card

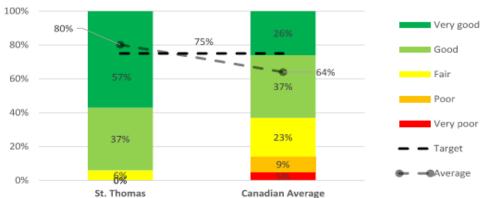
Municipal & Facility Parking Lots & Paved Trails





19 Municipal Lots, 20 Facility Lots & 14 Paved Trails - \$17,000,000 (\$900/household)





Condition Trend							
2019	2020	2021	2022	2023	Target	Trend	
81	79	77	78	80	75	1	

Funding (5 Year Historical)



Infrastructure Gap \$449,315 (\$24/household)

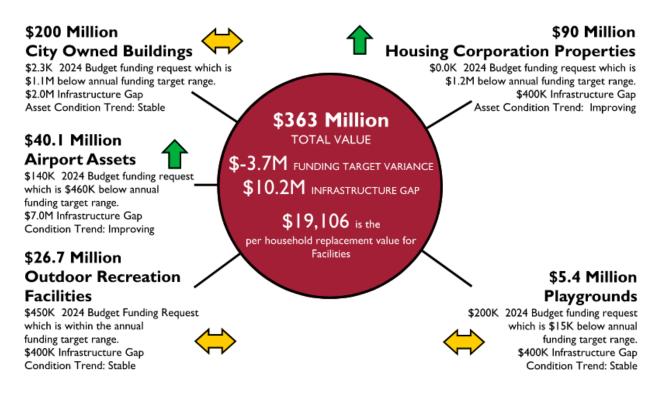


FACILITIES

The Facilities asset category includes the following assets classes:

- 66 City Owned Buildings, including Arenas, Fire Stations, Police Station, City Hall, Library, Social Services (Ontario Works), Long term Care, Community Recycling, Public Works, Markets, Tourism Office, Animal Shelter, Transit Terminal, Monuments, Park Shelters/Pavilions, Signs, Sculptures
- 113 Housing Buildings with a total area of approximately 409,010 ft2 including duplexes, single family homes, townhouses, and apartments
- All Airport assets, including runways, taxiways, internal roadways and parking lots, large hangers, small hangers, sewage treatment, water distribution, administration buildings, maintenance garage, fueling equipment, fleet and airport lighting systems
- 23 playgrounds
- 3 splashpads
- 1 outdoor pool
- 16 Outdoor recreation facilities

Asset Report Cards for asset classes in the Facilities asset category are contained in the following pages.





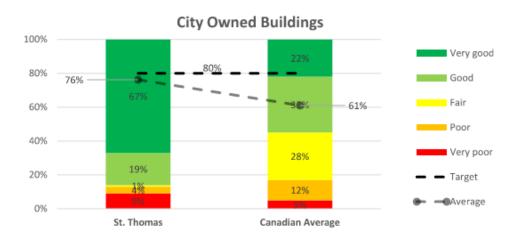
City Owned Buildings Asset Report Card

City Owned Buildings

Asset Report Card - ID No. 14



66 Non- Residential Buildings - \$200,400,000 (\$10,561/household)



Condition Trend							
2019	2020	2021	2022	2023	Target	Trend	
70	70	76	76	76	80	1	



Infrastructure Gap \$2,000,000 (\$105/household)



Housing Corporation Properties Asset Report Card

Housing Corp Buildings

0%

Asset Report Card - ID No. 15



Average

113 Residential Buildings - \$90,000,000 (\$4,743/household)

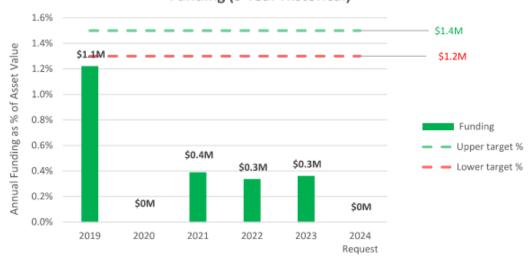


Canadian Average

Condition Trend							
2019	2020	2021	2022	2023	Target	Trend	
61	61	74	75	75	70	Î	

St. Thomas

Funding (5 Year Historical)



Infrastructure Gap \$400,000 (\$21/household)



Airport Asset Report Card

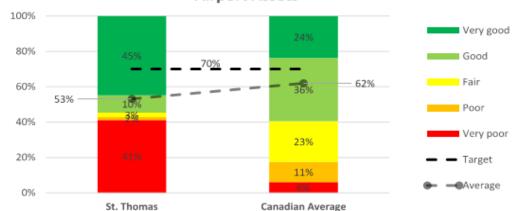
Airport Assets

Asset Report Card - ID No. 17



Airport Assets - \$40,097,050 (\$2,113/household)

Airport Assets



Condition Trend							
2019	2020	2021	2022	2023	Target	Trend	
35	34	34	32	50	70	1	

Funding (5 Year Historical)



Infrastructure Gap \$7,000,000 (\$369/household)



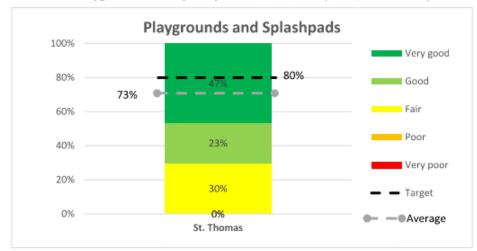
Playgrounds Asset Report Card

Playgrounds

Asset Report Card - ID No. 13

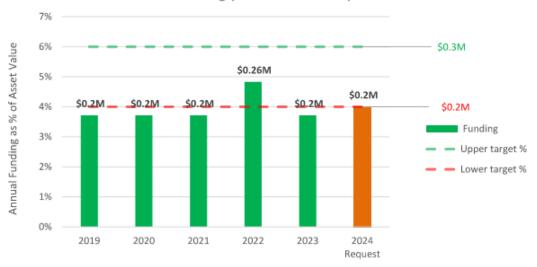


28 Playgrounds & 3 Splashpads - \$5,381,590 (\$280/household)



Condition Trend							
2019	2020	2021	2022	2023	Target	Trend	
68	67	70	73	73	80	1	

Funding (5 Year Historical)



Infrastructure Gap\$400,000 (\$21/household)



Outdoor Recreation Facilities Asset Report Card

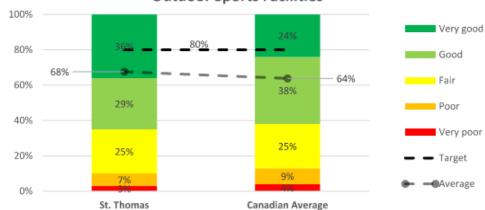
Outdoor Sports Facilities

Asset Report Card - ID No. 12



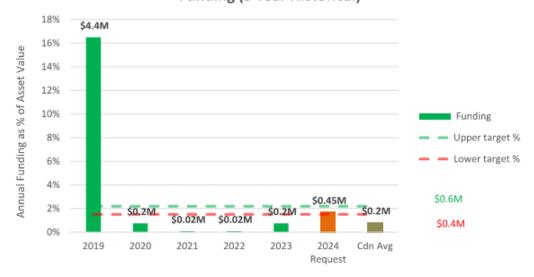
30 Outdoor Facilities - \$26,680,000 (\$1,406/household)





Condition Trend							
2019	2020	2021	2022	2023	Target	Trend	
66	68	68	68	68	80	\Leftrightarrow	

Funding (5 Year Historical)



Infrastructure Gap \$400,000 (\$21/household)



RISK ANALYSIS

The City of St. Thomas uses a risk based approach to asset management. The asset condition and the likelihood and consequence of failure is reviewed on an annual basis to guide decisions for forecasting future capital expenditures. 2023 pavement condition assessment maps and risk maps for watermain and sanitary sewer assets are attached to this report in Appendix 'A'.

CAPITAL FORECAST

The Capital Forecast summarizes the planned improvements over the next ten years. This forecast is updated every year based on risk analysis, asset condition, asset management plan targets, funding projections, and development projections. The 2024 – 2033 Capital Forecast is attached in Appendix 'B' as a list and a map.



SUMMARY

More than 50% of the City's asset classes are in the "very good" condition with only 5% are in "very poor" condition. The City of St. Thomas has some infrastructure deficit areas and gaps, but overall compares well to most Canadian cities.

ID No.	Description	Value	Trend	2024 Budget Funding Requested	Annual Funding Target Variance	Infrastructure Gap
17	Airport	\$40.1M	Î	\$140K	(\$760K)	\$7.0M
1	Bridges and Culverts	\$65.0M	\Leftrightarrow	-	(\$750К)	-
14	City Owned Buildings	\$200.4M	\Leftrightarrow	\$2.6M	(\$1.6M)	\$2.0M
3	Fleet	\$19.0M	1	\$2.4M	\$0.5M	\$3.4M
15	Housing Corp. Properties	\$90.0M	1	-	(\$1.3M)	\$400K
12	Outdoor Sports Facilities	\$26.7M	\Leftrightarrow	\$450K	(\$40K)	\$400K
16	Parking Lots & Trails	\$17.0M	1		(\$260K)	\$449K
13	Playgrounds	\$5.4M	\Leftrightarrow	\$200K	(\$70K)	\$400K
10	Pollution Control Plan	\$109.3M	\Leftrightarrow	\$4.6M	\$2.3M	\$1.1M
4	Pumping Stations	\$16.3M	\Leftrightarrow		(\$340K)	\$814K
5	Roads & Lanes	\$544.0M	\Leftrightarrow	\$7.8M	(\$5.8M)	\$4.4M
2	Sanitary Sewers	\$305.0M	\Leftrightarrow	\$2.4M	(\$1.1M)	\$19.0M
6	Storm Ponds	\$11.5M	1		(\$400K)	-
7	Storm Sewers	\$227.0M	1	\$2.4M	(\$200K)	\$4.4M
8	Street Lights	\$35.2M	↓	-	(\$620K)	\$4.4M
9	Traffic Signals	\$10.3M	1		(\$280K)	\$700K
11	Watermain	\$267.0M	1	\$4.1M	\$780K	\$9.8M
	Totals	\$1.99B		\$27.1M	(\$9.9M)	\$58.7M

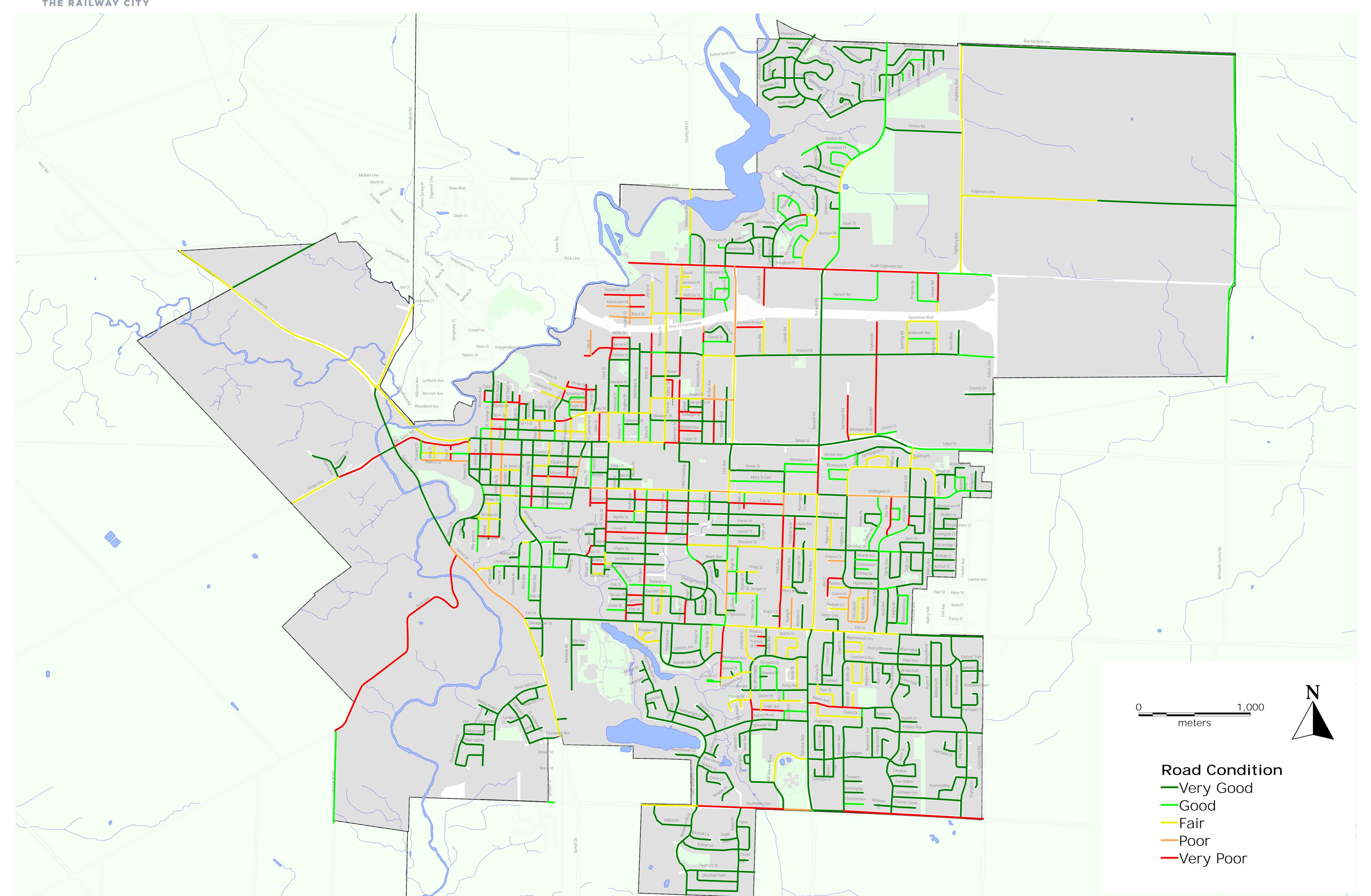


APPENDIX A – RISK MAPS



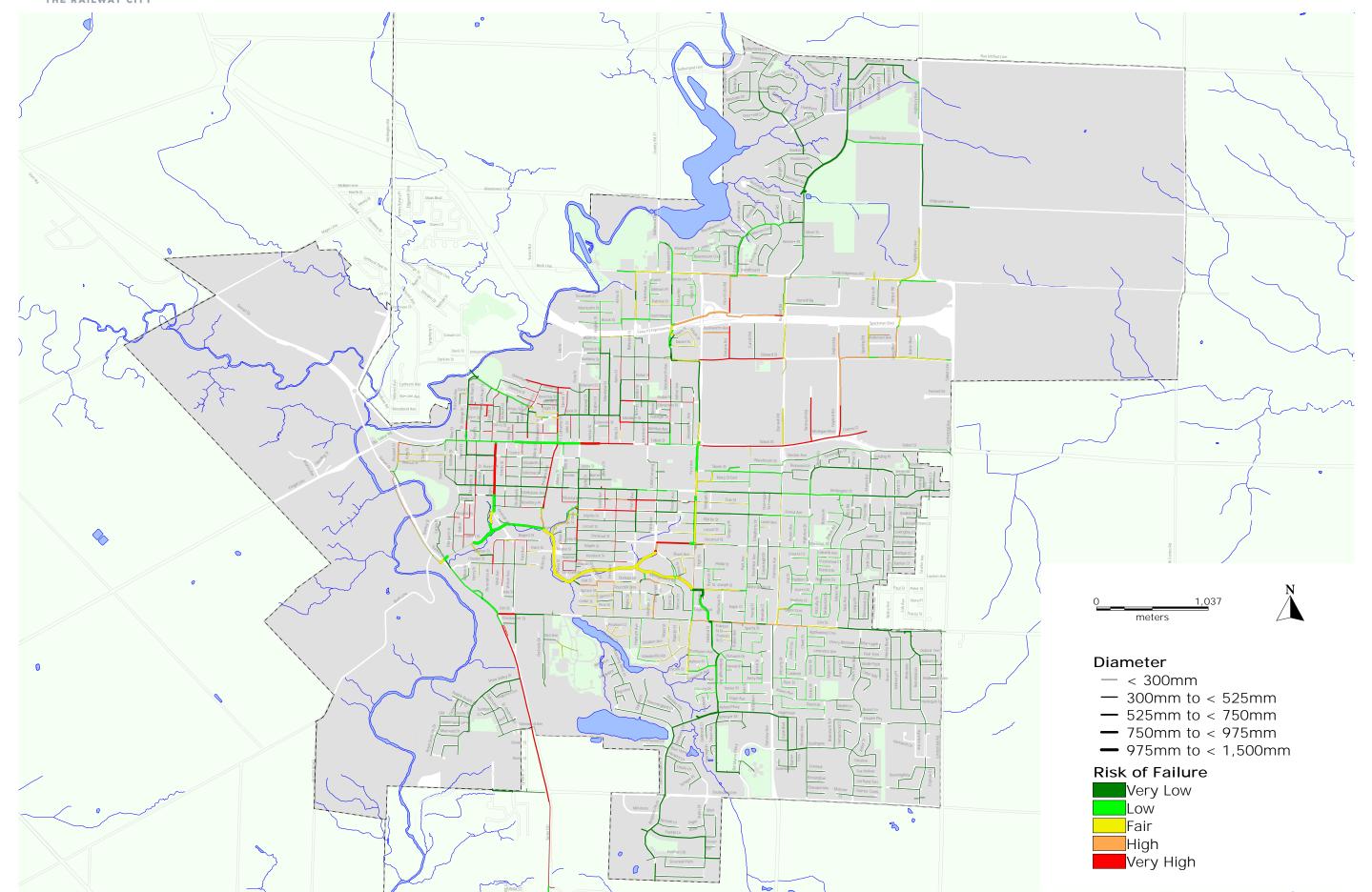


ROADS - CONDITION



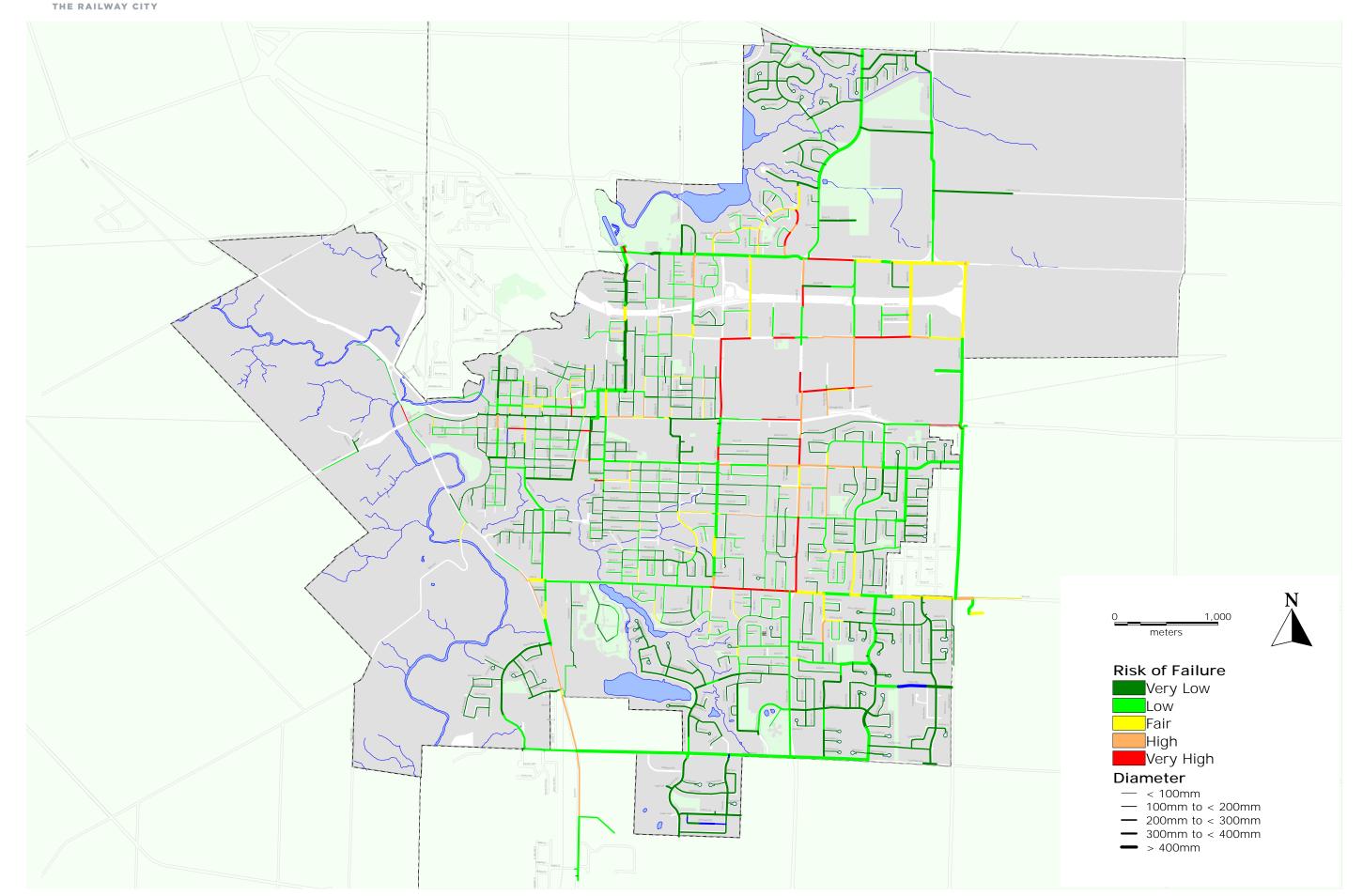


SANITARY SEWER - RISK PLAN



ST.THQMAS

WATERMAIN - RISK PLAN



APPENDIX B – 10 YEAR CAPITAL FORECAST



Street Construction Schedule 2024 - 2033

STREET	FROM	то	Project Type	YEAR
Alma	Brock	North End	Reconstruction	2026
Alma Street	Nolan Street	Highway #3	Reconstruction	2026
Arthur Avenue	Talbot	End	Reconstruction	2030
Barwick Bridge Construction	Flora Street	Hill St	Renewal	2024
Bill Martyn Parkway	Sauve Avenue	Southdale Line	Development	2024
Bush Line	West Limit	Sunset Drive	Renewal	2031
Centre Street	Stanley	Elgin	Reconstruction	2025
Centre Street	Pleasant	Stanley Street	Reconstruction	2032
Chestnut Street	Third Avenue	First Avenue	Reconstruction	2030
Church Street	Centre	Walnut	Reconstruction	2032
Churchill Crescent	Fifth	Elmina	Replacement	2027
Confederation Drive	Lakeview	South Edgeware	Renewal	2030
Crotia Ct.	Highview Avenue	End	Renewal	2029
Cypress	Elmina	Fifth Avenue	Replacement	2027
David Drive	Raven Avenue	Penhale Avenue	Renewal	2029
Devonshire	Regent	Chester St	Combined Sewer	2033
Dieppe Drive	Dunkirk	Churchill	Reconstruction	2024
Dieppe Drive	Churchill	Churchill	Renewal	2029
Dunwhich Drive	Airey	Airey	Renewal	2032
Dyer Street	Raven Avenue	Caldwell St	Renewal	2032
Elm Street	First Avenue	Peach Tree Boulevard	Renewal	2033
Elysian & East (Elysian to End)	St. George	Penwarden	Reconstruction	2024
Erie Street	Smith	Fourth	Reconstruction	2028
Fairview Avenue	Elm	Talbot	Replacement	2025
Fairview Bridge Removal and Road Rehabilitation	Talbot	Steele	Replacement	2025
Fifth Ave	Hemlock	Dunkirk	Reconstruction	2023
Fingal Line	Creek	City Limits	Renewal	2029
First Avenue	Brant Ave	South Termination	Renewal	2032
First Avenue	Talbot	S. Edgeware	Renewal	2027
First Avenue Traffic Signal	Talbot	S. Edgeware	Replacement	2027
Flex-o-lite	South Edgeware	End End	Renewal	2026
Forest Ave	Ross Street	Fifth Avenue	Reconstruction	2025
Gaylord Road	Cosma Court	North End	Renewal	2023
Gustin Place	Vanbuskirk Drive	End	Renewal	2028
Harper Road	South Edgeware	Highway #3	Renewal	2028
High Street	Chestnut Street	Phillip Street	Renewal	2024
Highbury Ave Widening to 5 Lanes	Ron McNeil	Southedgware	Development	2033
Highview Avenue	Wellington Street	Sifton Drive	Renewal	2024
Hincks Street				
	Wellington	Rosebery	Replacement	2027
Hitch Cresent John	Rice Road Kains	Rice Road Talbot	Renewal Reconstruction	2024
		Taibot		2030
Kains Bridge (B007)	Bush Line	NA I i	Renewal	2031
Kains Street	Alma	Mondamin	Reconstruction	2024
Ker	Vanier	Airey	Renewal	2029
King Street	Old Talbot Street	Walnut	Reconstruction	2032
Kopic Ct	Park	End	Renewal	2026
Lakeview Circle	Confederation	Confederation	Renewal	2030
Leger	Sauve Avenue	Fairview Avenue	Renewal	2029
Mackenzie Place	Lakeview	End	Renewal	2030
Mary Bucke St	Park	Trevithick	Renewal	2026
Massey Dr	Aldborough Ave	End	Renewal	2029
McCully Drive	Vanbuskirk Drive	Vanbuskirk Drive	Renewal	2028
McGibbon Ave	Leger	Axford	Renewal	2029
Meda Street	Hiawatha Street	East End	Reconstruction	2028

Street Construction Schedule 2024 - 2033

Meehan Metcalfe Talbot Wellington Reconstruction Metcalfe Talbot Wellington Reconstruction Metcalfe Massey Dr End Redan Milchener Ct Massey Dr End Redan Molan Replacement Milchell Hincks Princess Replacement Mitchell Hincks Princess Replacement Mitchell Hincks Princess Replacement Mitchell Milchest Stanley Sunset Drive Reconstruction Metcalfe Menewal Menewal Menewal Menewal Menewal Mandor Street Milghview Drive Menewal Mandeville Mandeville Renewal Mandeville Mandeville Menewal Mandeville Mellington Menewal Menewal Menewal Mellington Menewal Mellington Menewal Menewal Mellington Menewal Mellington Menewal Mellington Menewal Menewal Mellington Menewal Mellington Menewal Mellington Menewal Menewal Mellington Menewal Menewal Mellington Menewal Mellington Menewal Mene	REET	FROM	то	Project Type	YEAR
Milchener Ct Miller Street Redan Nolan Replacement Milchell Hincks Princess Replacement Did Talbot Street Stanley Sunset Drive Reconstruction Ontario Road Edward Street Highview Drive Parks Ave Elm Wellington Renewal Elm Wellington Renewal Pearl	eehan	Churchill	Elm		2024
Milchener Ct Miller Street Redan Nolan Replacement Milchell Hincks Princess Replacement Did Talbot Street Stanley Sunset Drive Reconstruction Ontario Road Edward Street Highview Drive Parks Ave Elm Wellington Renewal Elm Wellington Renewal Pearl	etcalfe	Talbot	Wellington	Reconstruction	2033
Miller Street Mitchell Hincks Princess Replacement John Street Stanley Sunset Drive Reconstruction Ald ald of Street Aldborough Ave Parish Street Aldborough Ave Parish Street Aldborough Ave Park Ave Elm Wellington Renewal Paulson Ct Parish Street Phillip Street	ichener Ct	Massey Dr		Renewal	2029
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Park Ave Elm Wellington Renewal 2 Parkview Drive Elm Mandeville Renewal 2 Paulson Ct Vanbuskirk Drive End Renewal 2 Paulson Ct Elysian Scott Combined Sewer 2 Phillip Street First Avenue East End Renewal 2 Pinafore Crescent Parkview Drive End Renewal 2 Pinafore Crescent Parkview Drive End Renewal 2 Pleasant Old Talbot Street Walnut Reconstruction 2 Porter Place Raven Avenue End Renewal 2 Princess Avenue Renewal 2 Redan Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 3 Ross Street St George Mondamin Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 3 South Edgeware Road Waterworks Park Harper Development 3 South Edgeware Road Renewal 2 South Edgeware Road Renewal 3 St. Catharine Street Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 3 South Edgeware Road Renewal 3 St. Catharine Street Reconstruction 3 South Edgeware Road Renewal 3 St. Loseph St First Avenue Morrison Renewal 3 St. Joseph St First Avenue Morrison Renewal 3 Sunset Drive Glenwood Elm Reconstruction 3 Sunset Drive Glenwood Elm Reconstruction 3 Sunset Drive Glenwood Renewal 3 Ialbot Bridge (B005) Rettle Creek Renewal 3 Ialbot Bridge (B006) Dodd's Creek Renewal 1 Ialbot Streetscape Ph 5 Ross linkerman Reconstruction 4 Ialbot Streetscape Ph 5	ddon Street	Highview Drive	Pol Court	Renewal	2029
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Paulson Ct Vanbuskirk Drive End Renewal 2 Pearl Elysian Scott Combined Sewer 2 Phillip Street First Avenue East End Renewal 2 Pinafore Crescent Parkview Drive End Renewal 2 Porter Place Raven Avenue End Renewal 2 Porter Place Raven Avenue End Renewal 2 Princess Avenue End Renewal 2 Princess Avenue Penhale Avenue Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 2 Scott Street St George Mondamin Reconstruction 2 Smith Avenue Wellington Forest Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 2 Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 2 Sparta St St. Catharine Street Reconstruction 2 St. Joseph St First Avenue Morrison Renewal 2 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Glenwood Elm Reconstruction 2 Talbot Bridge (B005) Kettle Creek Renewal 2 Talbot Bridge (B006) Dodd's Creek Renewal 1 Talbot Streetscape Ph 5 Ross Inkerman Reconstruction 2	rk Ave	Elm	Wellington	Renewal	2026
Pearl Elysian Scott Combined Sewer 2 Phillip Street First Avenue East End Renewal 2 Pinafore Crescent Parkview Drive End Renewal 2 Pleasant Old Talbot Street Walnut Reconstruction 2 Porter Place Raven Avenue End Renewal 2 Princess Avenue End Renewal 3 Princess Avenue End Renewal 3 Replacement 3 Reven Ave Fairview Ave Penhale Avenue Renewal 3 Redan Alma First Reconstruction 3 Regent Wilson East Combined Sewer 3 Rice Road Manor Road Wellington Renewal 3 Ross Street Wellington Chestnut Street Replacement 3 Scott Street St George Mondamin Reconstruction 3 Smith Avenue Wellington Forest Reconstruction 3 Smith Avenue Wellington Forest Reconstruction 3 South Edgeware Road Waterworks Park Harper Development 3 Southdale City Limits City Limits Renewal 3 St. Catharine Street North End Kains Street Reconstruction 3 St. Joseph St First Avenue Morrison Renewal 3 Sunset Drive Glenwood Elm Reconstruction 3 Talbot Bridge (B005) Renewal 3 Talbot Bridge (B006) Dodd's Creek Renewal 3 Talbot Streets Renewal 3 Talbot Streets Renewal 4 Talbot Streetscape Ph 5	rkview Drive	Elm	Mandeville	Renewal	2030
Phillip Street First Avenue East End Renewal 2 Pinafore Crescent Parkview Drive End Renewal 2 Pleasant Old Talbot Street Walnut Reconstruction 2 Pol Ct Highview Avenue End Renewal 2 Porter Place Raven Avenue End Renewal 2 Princess Avenue Centre Mitchell Replacement 2 Raven Ave Fairview Ave Penhale Avenue Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 2 Scott Street St George Mondamin Reconstruction 2 Smith Avenue Wellington Forest Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 2 Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 3 St. Catharine Street Reconstruction 3 St. Joseph St First Avenue Morrison Renewal 3 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Talbot Hill City Boundary Renewal 2 Talbot Bridge (B005) Resewal 2 Talbot Bridge (B006) Dodd's Creek Renewal 2 Talbot Streetscape Ph 5	ulson Ct	Vanbuskirk Drive	End	Renewal	2028
Pinafore Crescent Parkview Drive End Renewal Pleasant Old Talbot Street Walnut Reconstruction Pol Ct Highview Avenue Porter Place Raven Avenue Princess Avenue Renewal Princess Avenue Renewal Princess Avenue Centre Mitchell Replacement Renewal Renewal Renewal Renewal Renewal Replacement Renewal Redan Renewal Redan Renewal Redan Renewal Redan Renewal Redan Regent Wilson Reast Combined Sewer Rice Road Ross Street Wellington Chestnut Street Replacement Renewal Renewal Resonstruction Renewal Resonstruction Renewal Resonstruction Renewal Resonstruction Renewal Reconstruction Resouth Edgeware Road Resonstruction Resonthavenue Renewal Reconstruction Resonthavenue Renewal Reconstruction Resonthavenue Renewal R	arl	Elysian	Scott	Combined Sewer	2031
Pinafore Crescent Parkview Drive End Renewal Pleasant Old Talbot Street Walnut Reconstruction Pol Ct Highview Avenue Porter Place Raven Avenue Princess Avenue Renewal Princess Avenue Renewal Princess Avenue Centre Mitchell Replacement Renewal Renewal Renewal Renewal Renewal Replacement Renewal Redan Renewal Redan Renewal Redan Renewal Redan Renewal Redan Regent Wilson Reast Combined Sewer Rice Road Ross Street Wellington Chestnut Street Replacement Renewal Renewal Resonstruction Renewal Resonstruction Renewal Resonstruction Renewal Resonstruction Renewal Reconstruction Resouth Edgeware Road Resonstruction Resonthavenue Renewal Reconstruction Resonthavenue Renewal Reconstruction Resonthavenue Renewal R	illip Street	First Avenue	East End	Renewal	2027
Pol Ct Highview Avenue End Renewal 2 Porter Place Raven Avenue End Renewal 2 Princess Avenue Centre Mitchell Replacement Raven Ave Penhale Avenue Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 2 Scott Street St George Mondamin Reconstruction 2 Smith Avenue Wellington Forest Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 2 Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 2 St. Catharine Street North End Reins Street Reconstruction 2 St. Joseph St First Avenue Morrison Renewal 2 Sunset Drive Glenwood Elm Reconstruction 2 Talbot Hill City Boundary Renewal 2 Talbot Bridge (8005) Kettle Creek Renewal 2 Talbot Bridge (8006) Dodd's Creek Renewal 1 Talbot Streetscape Ph 5	nafore Crescent	Parkview Drive	End	Renewal	2030
Porter Place Raven Avenue End Renewal 2 Princess Avenue Centre Mitchell Replacement 2 Raven Ave Fairview Ave Penhale Avenue Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 2 Scott Street St George Mondamin Reconstruction 2 Smith Avenue Wellington Forest Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 2 Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 2 St. Catharine Street North End Kains Street Reconstruction 2 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Talbot Hill City Boundary Renewal 2 Talbot Bridge (8005) Kettle Creek Renewal 2 Talbot Bridge (8006) Dodd's Creek Renewal 7 Talbot Streetscape Ph 5	easant	Old Talbot Street	Walnut	Reconstruction	2032
Princess Avenue Centre Mitchell Replacement 2 Raven Ave Fairview Ave Penhale Avenue Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 2 Scott Street St George Mondamin Reconstruction 2 Smith Avenue Wellington Forest Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 2 Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 2 St. Catharine Street North End Kains Street Reconstruction 2 St. Joseph St First Avenue Morrison Renewal 2 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Talbot Hill City Boundary Renewal 2 Talbot Bridge (B005) Kettle Creek Renewal 2 Talbot Bridge (B006) Dodd's Creek Renewal 7 Talbot Streetscape Ph 5	l Ct	Highview Avenue	End	Renewal	2029
Raven Ave Fairview Ave Penhale Avenue Renewal 2 Redan Alma First Reconstruction 2 Regent Wilson East Combined Sewer 2 Rice Road Manor Road Wellington Renewal 2 Ross Street Wellington Chestnut Street Replacement 2 Scott Street St George Mondamin Reconstruction 2 Smith Avenue Wellington Forest Reconstruction 2 South Edgeware Road Waterworks Park Harper Development 2 Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 2 St. Catharine Street North End Kains Street Reconstruction 2 St. Joseph St First Avenue Morrison Renewal 2 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Talbot Hill City Boundary Renewal 2 Talbot Bridge (B005) Kettle Creek Renewal 2 Talbot Bridge (B006) Dodd's Creek Renewal 2 Talbot Streetscape Ph 5 Ross Inkerman Reconstruction 2 Talbot Streetscape Ph 5	rter Place	Raven Avenue	End	Renewal	2029
Redan Alma First Reconstruction Regent Wilson East Combined Sewer Rice Road Manor Road Wellington Renewal Ross Street Wellington Chestnut Street Replacement Scott Street St George Mondamin Reconstruction Smith Avenue Wellington Forest Reconstruction South Edgeware Road Waterworks Park Harper Development Southdale City Limits City Limits Renewal Sparta St Aldborough Aldborough Renewal St. Catharine Street North End Kains Street Reconstruction St. Joseph St First Avenue Morrison Renewal Sunset Drive Glenwood Elm Reconstruction Sunset Drive Talbot Hill City Boundary Renewal Talbot Bridge (B005) Talbot Bridge (B006) Talbot Hill Wellington Road Stanley Street Renewal Talbot Streetscape Ph 5 Ross Inkerman Reconstruction	incess Avenue	Centre	Mitchell	Replacement	2027
Regent Wilson East Combined Sewer Rice Road Manor Road Wellington Renewal Ross Street Wellington Chestnut Street Replacement Scott Street St George Mondamin Reconstruction Wellington Forest Reconstruction South Edgeware Road Waterworks Park Harper Development Southdale City Limits City Limits Renewal Sparta St Aldborough Aldborough Renewal St. Catharine Street North End Kains Street Reconstruction St. Joseph St First Avenue Morrison Renewal Sunset Drive Glenwood Elm Reconstruction Sunset Drive Talbot Hill City Boundary Renewal St. Talbot Bridge (B005) Rettle Creek Renewal St. Talbot Bridge (B006) Dodd's Creek Renewal St. R	ven Ave	Fairview Ave	Penhale Avenue	Renewal	2029
Rice Road Ross Street Wellington Chestnut Street Replacement St George Mondamin Reconstruction Mellington Smith Avenue Wellington Forest Reconstruction Wellington Forest Reconstruction City Limits South Edgeware Road Waterworks Park Harper Development City Limits Sparta St Aldborough Aldborough Renewal St. Catharine Street North End Kains Street Reconstruction St. Joseph St First Avenue Morrison Renewal Sunset Drive Glenwood Elm Reconstruction Sunset Drive Talbot Hill City Boundary Renewal Talbot Bridge (B005) Kettle Creek Talbot Bridge (B006) Dodd's Creek Talbot Hill Wellington Road Stanley Street Renewal Zanewal Zanew	dan	Alma	First	Reconstruction	2033
Ross Street Scott Street St George Mondamin Reconstruction Smith Avenue Wellington South Edgeware Road Waterworks Park Harper Southdale City Limits City Limits Sparta St Aldborough St. Catharine Street North End Kains Street Reconstruction St. Joseph St First Avenue Morrison Renewal Sunset Drive Glenwood Elm Reconstruction Sunset Drive Talbot Bridge (B005) Talbot Bridge (B006) Dodd's Creek Talbot Streets Renewal Talbot Streetscape Ph 5	gent	Wilson	East	Combined Sewer	2033
Scott Street St George Mondamin Reconstruction Mellington Forest Reconstruction Mellington Forest Reconstruction Mellington Forest Reconstruction Cuty Limits City Limits City Limits City Limits City Limits Renewal City Limits Sparta St Aldborough Aldborough Renewal Aldborough St. Catharine Street North End Kains Street Reconstruction St. Joseph St First Avenue Morrison Renewal Sunset Drive Glenwood Elm Reconstruction Sunset Drive Talbot Hill City Boundary Renewal Talbot Bridge (B005) Kettle Creek Talbot Bridge (B006) Dodd's Creek Talbot Streetscape Ph 5 Ross Inkerman Reconstruction Acconstruction	ce Road	Manor Road	Wellington	Renewal	2024
Smith AvenueWellingtonForestReconstructionSouth Edgeware RoadWaterworks ParkHarperDevelopmentSouthdaleCity LimitsCity LimitsRenewalSparta StAldboroughAldboroughRenewalSt. Catharine StreetNorth EndKains StreetReconstructionSt. Joseph StFirst AvenueMorrisonRenewalSunset DriveGlenwoodElmReconstructionSunset DriveTalbot HillCity BoundaryRenewalTalbot Bridge (B005)Kettle CreekRenewal2Talbot Bridge (B006)Dodd's CreekRenewal2Talbot HillWellington RoadStanley StreetRenewal2Talbot Streetscape Ph 5RossInkermanReconstruction2	ss Street	Wellington	Chestnut Street	Replacement	2031
South Edgeware Road Southdale City Limits City Limits City Limits Renewal Sparta St Aldborough Aldborough St. Catharine Street North End Kains Street Reconstruction St. Joseph St First Avenue Morrison Renewal Sunset Drive Glenwood Elm Reconstruction Sunset Drive Talbot Hill City Boundary Renewal Talbot Bridge (B005) Kettle Creek Talbot Bridge (B006) Dodd's Creek Talbot Hill Wellington Road Stanley Street Reconstruction Renewal Talbot Streetscape Ph 5 Ross Inkerman Reconstruction	ott Street	St George	Mondamin	Reconstruction	2031
Southdale City Limits City Limits Renewal 2 Sparta St Aldborough Aldborough Renewal 2 St. Catharine Street North End Kains Street Reconstruction 2 St. Joseph St First Avenue Morrison Renewal 2 Sunset Drive Glenwood Elm Reconstruction 2 Sunset Drive Talbot Hill City Boundary Renewal 2 Talbot Bridge (B005) Kettle Creek Renewal 2 Talbot Bridge (B006) Dodd's Creek Renewal 2 Talbot Hill Wellington Road Stanley Street Renewal 2 Talbot Streetscape Ph 5	nith Avenue	Wellington	Forest	Reconstruction	2025
Sparta StAldboroughAldboroughRenewalSt. Catharine StreetNorth EndKains StreetReconstructionSt. Joseph StFirst AvenueMorrisonRenewalSunset DriveGlenwoodElmReconstructionSunset DriveTalbot HillCity BoundaryRenewalTalbot Bridge (B005)Kettle CreekRenewal2Talbot Bridge (B006)Dodd's CreekRenewal2Talbot HillWellington RoadStanley StreetRenewal2Talbot Streetscape Ph 5RossInkermanReconstruction2	uth Edgeware Road	Waterworks Park	Harper	Development	2026
St. Catharine Street St. Joseph St St. Joseph St Sunset Drive Sunset Drive Sunset Drive Talbot Hill Talbot Bridge (B005) Talbot Bridge (B006) Talbot Hill Wellington Road Talbot Streetscape Ph 5 North End Kains Street Reconstruction Renewal City Boundary Renewal Renewal Renewal Stanley Street Renewal Reconstruction	uthdale	City Limits	City Limits	Renewal	2030
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Sunset DriveTalbot HillCity BoundaryRenewal2Talbot Bridge (B005)Kettle CreekRenewal2Talbot Bridge (B006)Dodd's CreekRenewal2Talbot HillWellington RoadStanley StreetRenewal2Talbot Streetscape Ph 5RossInkermanReconstruction2	Joseph St	First Avenue	Morrison	Renewal	2033
Talbot Bridge (B005)Kettle CreekRenewal2Talbot Bridge (B006)Dodd's CreekRenewal2Talbot HillWellington RoadStanley StreetRenewal2Talbot Streetscape Ph 5RossInkermanReconstruction2	nset Drive	Glenwood	Elm	Reconstruction	2032
Talbot Bridge (B006) Dodd's Creek Renewal Talbot Hill Wellington Road Stanley Street Renewal Talbot Streetscape Ph 5 Ross Inkerman Reconstruction	nset Drive	Talbot Hill	City Boundary	Renewal	2031
Talbot HillWellington RoadStanley StreetRenewal2Talbot Streetscape Ph 5RossInkermanReconstruction2	lbot Bridge (B005)	Kettle Creek		Renewal	2028
Talbot Streetscape Ph 5 Ross Inkerman Reconstruction 2	lbot Bridge (B006)	Dodd's Creek		Renewal	2028
	lbot Hill	Wellington Road	Stanley Street	Renewal	2028
	lbot Streetscape Ph 5	Ross	Inkerman	Reconstruction	2029
Tecumseh Street Start End Reconstruction 2	cumseh Street	Start	End	Reconstruction	2032
Third Avenue Wellington Brant Avenue Reconstruction 2	ird Avenue	Wellington	Brant Avenue	Reconstruction	2024
Vanbuskirk Drive Highview Drive Highview Drive Renewal 2	nbuskirk Drive	Highview Drive	Highview Drive	Renewal	2029
Vanier Pl Leger End Renewal 2	nier Pl	Leger	End	Renewal	2029
Walnut Pleasant Stanley Street Reconstruction 2	alnut	Pleasant	Stanley Street	Reconstruction	2032
Warren Crescent Confederation Confederation Renewal 2	arren Crescent	Confederation	Confederation	Renewal	2030
Wellington Third Avenue Fairview Renewal 2	ellington	Third Avenue	Fairview	Renewal	2027
Wellington Street Highview Avenue Manor Renewal 2	ellington Street	Highview Avenue	Manor	Renewal	2025
Yarmouth Road Talbot Street Railroad Tracks Replacement 2	rmouth Road	Talbot Street	Railroad Tracks	Replacement	2027
Young Street Elm End Renewal 2	ung Street	Elm	End	Renewal	2032

10 YEAR CAPITAL FORECAST

2024-2033

