

## 2024 Approved Capital Projects

Project Name	Project Location	Project Score	2024 Gross Cost	Operating	Reserves	Other
<b>Building and Equipment</b>						
<b>Building Environmental / Energy</b>						
10-0067 HVAC Retrofit	Fire Hall 2	63	1,500,000	-	(1,500,000)	-
10-0085 Energy Assessment Program	Various	36	150,000	-	(150,000)	-
10-0086 Net Zero Emission Strategy Assessments	Various	36	200,000	-	(200,000)	-
<b>Total Building Environmental / Energy</b>			<b>1,850,000</b>	<b>-</b>	<b>(1,850,000)</b>	<b>-</b>
<b>Buildings</b>						
11-0419 Stadium Membrane Replacement	Civic Stadium	49	350,000	-	(350,000)	-
11-0443 Asphalt Running Surface - McMillan Parking Garage	McMillan Parking Garage	49	1,500,000	-	(1,500,000)	-
11-0454 Washroom/Changeroom Modifications	Fire Services	45	75,000	-	(75,000)	-
11-0363 Building Condition Audits	Various	40	150,000	-	(150,000)	-
11-0071 Roof Replacement - Harman Arena	Harman Arena	39	2,300,000	-	-	(2,300,000)
11-0456 Bunker Gear Storage Rooms - Fire Halls	Fire Halls	39	250,000	-	-	(250,000)
11-0410 Structural Rehabilitation Program	Various	36	400,000	-	-	(400,000)
11-0450 Main Entrance Upgrades	Robert McLaughlin Library	31	450,000	-	(450,000)	-
11-0452 Replace Roof Section - Robert McLaughlin Library	Robert McLaughlin Library	31	150,000	-	(150,000)	-
11-0453 Replace Flat Roof - Jubilee	Jubilee Pavilion	31	350,000	-	-	(350,000)
11-0411 Security Infrastructure	Various	28	250,000	-	(250,000)	-
11-0451 Upgrade Interior Lighting - John Aker Northview	John Aker Northview	28	300,000	-	(300,000)	-
11-0139 Accessibility Improvements	Various	21	150,000	-	(150,000)	-
<b>Total Buildings</b>			<b>6,675,000</b>	<b>-</b>	<b>(3,375,000)</b>	<b>(3,300,000)</b>
<b>New Facilities</b>						
12-0062 New Columbarium - Union Cemetery	Union Cemetery	23	170,000	-	-	(170,000)
<b>Total New Facilities</b>			<b>170,000</b>	<b>-</b>	<b>-</b>	<b>(170,000)</b>
<b>Vehicles and Equipment</b>						
13-0138 Mailroom Equipment Replacement	City Hall	64	36,000	-	(36,000)	-
13-0056 Corporate Fleet Acquisitions	Various	33	8,275,000	-	(8,275,000)	-
13-0135 New Corporate Fleet Acquisitions	Various	33	647,000	-	(647,000)	-
<b>Total Vehicles and Equipment</b>			<b>8,958,000</b>	<b>-</b>	<b>(8,958,000)</b>	<b>-</b>
<b>Total Building and Equipment</b>			<b>17,653,000</b>	<b>-</b>	<b>(14,183,000)</b>	<b>(3,470,000)</b>
<b>Information Technology</b>						
<b>IT / Communications</b>						
30-0039 Network Switch Upgrades	Various	56	100,000	-	(100,000)	-
30-0128 Maximo Platform Upgrade to Maximo as a Service	City Hall	48	250,000	-	(250,000)	-
30-0132 Microsoft Teams Rooms Phase 2	City Hall	45	100,000	-	(100,000)	-
30-0032 IT Server Upgrades	City Hall	43	100,000	-	(100,000)	-

## 2024 Approved Capital Projects

Project Name	Project Location	Project Score	2024 Gross Cost	Operating	Reserves	Other
30-0035 Customer Relationship Management Software	City Hall	43	600,000	-	(600,000)	-
30-0044 Telephone System Upgrades	City Hall	43	250,000	-	(250,000)	-
30-0111 HCM System Replacement	City Hall	34	1,400,000	-	(1,400,000)	-
30-0129 Transportation Modelling and Simulation Software	City Hall	29	55,000	-	(55,000)	-
30-0130 Pavement Management System	City Hall	29	50,000	-	(50,000)	-
<b>Total IT / Communications</b>			<b>2,905,000</b>	<b>-</b>	<b>(2,905,000)</b>	<b>-</b>
<b>Total Information Technology</b>			<b>2,905,000</b>	<b>-</b>	<b>(2,905,000)</b>	<b>-</b>
<b>Other Initiatives</b>						
<b>Other</b>						
40-0066 Excess Soil Management	Various	51	100,000	-	(100,000)	-
40-0067 Infrastructure Condition Monitoring	Various	49	260,000	-	(260,000)	-
40-0052 Impacted Soil Removal	Raleigh Avenue	46	285,000	-	(285,000)	-
40-0069 COD Renovations-Fire Dispatch Services	COD	29	500,000	-	(200,000)	(300,000)
40-0070 Forestry Master Plan	Various	22	120,000	-	(120,000)	-
<b>Total Other</b>			<b>1,265,000</b>	<b>-</b>	<b>(965,000)</b>	<b>(300,000)</b>
<b>Total Other Initiatives</b>			<b>1,265,000</b>	<b>-</b>	<b>(965,000)</b>	<b>(300,000)</b>
<b>Parks, Recreation and Culture</b>						
<b>Development Related Parks and Trails</b>						
50-0068 Renaissance Park	Park Rd and Renaissance	43	70,000	-	-	(70,000)
50-0067 Bond/Simcoe Urban Square	Bond St and Simcoe St	37	3,500,000	-	(3,500,000)	-
50-0019 ATMP Trail Link 5 - Conlin E to Britannia E	Oshawa Creek Trail	34	150,000	-	(150,000)	-
50-0043 Rose Valley Community Park	Thornton Road North	29	3,800,000	-	(2,853,000)	(947,000)
50-0014 ATMP Trail Link 13 - Britannia to Pipeline	Oshawa Creek Trail	24	240,000	-	(240,000)	-
<b>Total Development Related Parks and Trails</b>			<b>7,760,000</b>	<b>-</b>	<b>(6,743,000)</b>	<b>(1,017,000)</b>
<b>Parks</b>						
51-0116 Rotary Park Redevelopment	254 Centre Street South	64	3,000,000	-	(3,000,000)	-
51-0150 Parks Condition Audits	Various	45	100,000	-	(100,000)	-
51-0119 Conant Park Redevelopment	Conant Park	44	1,300,000	-	(1,300,000)	-
51-0148 Everglades Park Redevelopment	Pompano Court	41	150,000	-	-	(150,000)
51-0149 Parks Enhancement Program	Various	41	500,000	-	-	(500,000)
51-0138 Greenbriar Park Redevelopment	Greenbriar Park	33	800,000	-	-	(800,000)
<b>Total Parks</b>			<b>5,850,000</b>	<b>-</b>	<b>(4,400,000)</b>	<b>(1,450,000)</b>
<b>S.W.M. / Watercourse</b>						
54-0093 Harmony Creek Branch 3 Watercourse Improvement	Hillcroft to Rossland	25	1,000,000	-	(1,000,000)	-
<b>Total S.W.M. / Watercourse</b>			<b>1,000,000</b>	<b>-</b>	<b>(1,000,000)</b>	<b>-</b>
<b>Total Parks, Recreation and Culture</b>			<b>14,610,000</b>	<b>-</b>	<b>(12,143,000)</b>	<b>(2,467,000)</b>

## 2024 Approved Capital Projects

Project Name	Project Location	Project Score	2024 Gross Cost	Operating	Reserves	Other
<b>Transportation</b>						
<b>Bridges</b>						
71-0076 Pedestrian Structure Replacement	Riverside Dr	53	630,000	-	-	(630,000)
71-0092 Pedestrian Structure Replacement	Bloor St W and Erie St	43	1,580,000	-	(1,580,000)	-
<b>Total Bridges</b>			<b>2,210,000</b>	<b>-</b>	<b>(1,580,000)</b>	<b>(630,000)</b>
<b>Municipal Parking</b>						
72-0025 Replacement of Transponders and Equipment	Various	56	350,000	-	-	(350,000)
<b>Total Municipal Parking</b>			<b>350,000</b>	<b>-</b>	<b>-</b>	<b>(350,000)</b>
<b>Development Related Roads</b>						
73-0490 Subdivision Related Projects	Various	51	218,000	-	(218,000)	-
73-0487 Thornton Road North	Conlin Rd W to Winchester	31	4,400,000	-	(3,608,000)	(792,000)
73-0491 Conlin Road West Limits to Ritson - Phase 1 PSW	Conlin Rd W	31	217,000	-	(217,000)	-
<b>Total Development Related Roads</b>			<b>4,835,000</b>	<b>-</b>	<b>(4,043,000)</b>	<b>(792,000)</b>
<b>Roads</b>						
74-0043 Asphalt Preservation - Overlay	Various	41	1,800,000	-	(1,800,000)	-
74-0115 Road Restoration - Surface Treatment	Various	41	800,000	-	(800,000)	-
74-0007 A.T.M.P. Cycling Network Expansion	Various	33	100,000	-	(100,000)	-
74-0157 Two-Way Street Conversion	Albert/Celina and Brock/Colborne	28	100,000	-	(100,000)	-
74-0056 Asphalt Preservation - Crack Seal	Various	19	135,000	-	(135,000)	-
74-0089 Neighbourhood Traffic Management Projects	Various	18	50,000	-	(50,000)	-
<b>Total Roads</b>			<b>2,985,000</b>	<b>-</b>	<b>(2,985,000)</b>	<b>-</b>
<b>Sidewalks</b>						
75-0136 Sidewalk Replacements	Various	34	500,000	-	(500,000)	-
75-0117 Horizontal Control Monuments	Various	30	45,000	-	(45,000)	-
<b>Total Sidewalks</b>			<b>545,000</b>	<b>-</b>	<b>(545,000)</b>	<b>-</b>
<b>Street Lighting</b>						
76-0057 Wentworth St Street Lighting Upgrades	Simcoe St to Farewell St	38	250,000	-	(250,000)	-
76-0028 Gibb Street - Street Lighting Upgrades	Stevenson Rd to Simcoe	35	987,000	-	(987,000)	-
76-0014 Street Lighting Upgrades	Various	30	55,000	-	(55,000)	-
<b>Total Street Lighting</b>			<b>1,292,000</b>	<b>-</b>	<b>(1,292,000)</b>	<b>-</b>
<b>Traffic Signals</b>						
77-0029 Signal Controller Replacements	Various	48	69,000	-	(69,000)	-
77-0060 L.E.D. Signal Replacement	Various	48	25,000	-	(25,000)	-
77-0071 Pedestrian Countdown Signals	Various	43	40,000	-	(40,000)	-
77-0030 Accessible Pedestrian Signals	TBD	34	100,000	-	(100,000)	-

## 2024 Approved Capital Projects

Project Name	Project Location	Project Score	2024 Gross Cost	Operating	Reserves	Other
77-0061 New Pedestrian Crossover Signals	TBD	29	50,000	-	(50,000)	-
77-0027 Traffic Signal Uninterruptable Power Supply	Various	26	75,000	-	(75,000)	-
<b>Total Traffic Signals</b>			<b>359,000</b>	-	<b>(359,000)</b>	-
<b>Total Transportation</b>			<b>12,576,000</b>	-	<b>(10,804,000)</b>	<b>(1,772,000)</b>
<b>Total 2024 Approved Capital</b>			<b>49,009,000</b>	-	<b>(41,000,000)</b>	<b>(8,009,000)</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>HVAC Retrofit</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	10 Building Environmental / Energy
<b>Project Number</b>	10-0067
<b>Project Location</b>	Fire Hall 2
<b>Ward</b>	Ward 3
<b>Accessibility</b>	No
<b>Score</b>	63

**Project Details**

**Project Description**

Replacement of the existing HVAC System with new energy efficient equipment.

**Justification**

The existing HVAC system is from the building's original construction date of 1982. The current system has exceeded the typical lifecycle, operates inefficiently and does not provide adequate heating or cooling control. This facility is considered a priority one building and categorized as essential infrastructure in the City's portfolio.

Annual Cost Avoidance: \$4,000 per year

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	1,500,000	0	0
<b>Total Financing Sources</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Energy Assessment Program</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	10 Building Environmental / Energy
<b>Project Number</b>	10-0085
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	36

**Project Details**

**Project Description**

The project delivers an annual program to complete energy audits for City facilities. Evaluation of relevant vertical assets will be delivered alongside an internal audit schedule targeting a parallel group of buildings.

These audits will support identification of operational, envelope and mechanical opportunities to reduce energy consumption, greenhouse gas (G.H.G.) emissions and associated costs. Outcomes of these audits will be used to inform opportunities for current and future capital projects, maintenance recommendations, and improved use of existing assets such as building automation systems.

2024 Locations:

Parking Garage – Mary Street Parkade (G3)  
Northview Community Centre  
Tribute Community Centre  
Laval Community Centre  
All 16 Oshawa Community Centre Neighbourhood Association Centres

**Justification**

Energy Assessments will provide essential information to support internal energy management and analysis.

Recommendations will amplify the rate at which the City can identify and deliver energy efficiency measures, reducing the corporate greenhouse gas footprint and maximizing related cost savings.

This program aligns with the City's Energy Management Plan by identifying location specific energy use patterns to inform capital asset management planning and ensure responsible levels of energy considerations in project delivery. Energy reductions through maintenance and commissioning measures will support capital planning to maximize the lifecycle of existing assets.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	150,000	600,000	750,000
<b>Total Financing Sources</b>	<b>150,000</b>	<b>600,000</b>	<b>750,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Net Zero Emission Strategy Assessments</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	10 Building Environmental / Energy
<b>Project Number</b>	10-0086
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	36

**Project Details**

**Project Description**

These detailed assessments will support the development of a long term capital strategy to effectively pace and manage reductions in corporate facility carbon emissions, aligning with federal and regional targets. The assessments will evaluate a number of facilities to determine top candidates for fuel switching retrofits, create a pathway for project delivery and initiate the design process to achieve Net Zero Emissions.

Assessment results will provide detailed engineering studies, and involve alignment with asset management planning. This project supports the targets of the Net Zero Retrofit Strategy outlined in the 2023-2028 Corporate Energy Management Plan.

**Justification**

Initial efforts will focus on existing assets with the largest carbon footprint and complex mechanical systems. This initiative will support the long term planning by ensuring capital investments are efficiently implemented to limit service disruptions, while being productive towards the over-arching carbon commitments.

Coordinating the evaluation of mechanical systems, waste recovery technologies, building envelopes, load reducing enhancements, and integration of energy generation requires future projections to ensure the desired carbon reductions are achieved.

This project will proactively support staff in continuously pursuing grant and alternative funding opportunities similar to the Green Municipal Fund – Community Building Retrofit Initiative.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Energy Management Fund Reserve	200,000	800,000	1,000,000
<b>Total Financing Sources</b>	<b>200,000</b>	<b>800,000</b>	<b>1,000,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Roof Replacement - Harman Arena</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0071
<b>Project Location</b>	Harman Arena
<b>Ward</b>	Ward 5
<b>Accessibility</b>	No
<b>Score</b>	39

**Project Details**

**Project Description**

To replace the existing roof systems above the two ice pads at Harman Arena.

**Justification**

The existing roof systems are 25 years old and in need of full replacement. Consultant recommendations are to replace as all maintenance options have been exhausted. Major areas of concerns include multiple roof punctures, deteriorated caulking, evidence of moisture damage and saturated insulation below the membrane. Frequent water penetration results in lateral damage to interior components and negatively impacts the day to day operations of the facility.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	2,300,000	0	0
<b>Total Financing Sources</b>	<b>2,300,000</b>	<b>0</b>	<b>0</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Accessibility Improvements</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0139
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	21

**Project Details**

**Project Description**

Retrofit to City buildings to implement capital requirements resulting from the City's Accessibility Plan and Accessibility for Ontarians with Disability Act (A.O.D.A.).

**Justification**

City facilities are audited to identify barriers and opportunities for improvement. Retrofit work is undertaken in accordance with the City of Oshawa's Accessibility Design Standards.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Operations Reserve	150,000	0	0
Tax Levy Contribute to Capital	0	600,000	750,000
<b>Total Financing Sources</b>	<b>150,000</b>	<b>600,000</b>	<b>750,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Building Condition Audits</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0363
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	40

**Project Details**

**Project Description**

Condition audits of City facilities supporting the City's capital planning team with short and long term maintenance lifecycle scheduling at the following locations:

Oshawa Museum - Drive Shed  
 Oshawa Museum - Guy House  
 Oshawa Museum - Henry House  
 Oshawa Museum - Robinson House  
 Oshawa Museum - Henry House - (Maintenance Shed)  
 Consolidated Operations Depot: Office-Garage-Storage-Salt Shed  
 Parks - Greenhouse  
 Parks - Hoop House  
 Parks - Main Building  
 Parks - Potting/Boiler Room  
 Parks - Storage Building #1 (East)  
 Parks - Storage Building #2 (Southwest)  
 Parks - Storage Building #3 (Northwest)  
 Parks - Storage Building #4 (IPM)  
 Parks - Storage Shed  
 Oshawa Union Cemetery - Offices  
 Oshawa Union Cemetery - Columbarium (Double)  
 Oshawa Union Cemetery - Columbarium (Single)  
 Oshawa Union Cemetery - Storage Building  
 Oshawa Union Cemetery - Garage  
 Oshawa Union Cemetery - Mausoleum  
 Delpark Community Centre  
 Donevan Recreation Complex

**Justification**

Continuation of the City's asset management of facilities supporting maintenance schedules and plan for future capital needs and sound asset management.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Conditions Audit Reserve	150,000	600,000	750,000
<b>Total Financing Sources</b>	<b>150,000</b>	<b>600,000</b>	<b>750,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Structural Rehabilitation Program</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0410
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	36

**Project Details**

**Project Description**

To complete ongoing structural maintenance repairs at City owned facilities as recommended by an external structural engineer.

Current priorities include:

Children's Arena

Parking Garage 1 - Centre Street

Parking Garage 2 - McMillan Drive

**Justification**

To address structural maintenance as recommended by an external structural engineer to maintain integrity and safety, protecting major capital investments in structural rehabilitation.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	400,000	0	0
Conditions Audit Reserve	0	1,950,000	2,500,000
<b>Total Financing Sources</b>	<b>400,000</b>	<b>1,950,000</b>	<b>2,500,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Security Infrastructure</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0411
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	28

**Project Details**

**Project Description**

Implementation of physical security measures based on recommendations of the Corporate Security Manager and resulting from Crime Prevention Through Environmental Design (C.P.T.E.D.) assessments. This project also includes installation and maintenance of hardware and software required to support security cameras, monitors and access control devices at various City facilities.

**Justification**

The City of Oshawa is committed to making reasonable efforts to provide an inclusive, healthy, safe and respectful environment for everyone at City Facilities.

In accordance with the Occupiers' Liability Act, R.S.O. 1990, c. 0.2, and the Occupational Health and Safety Act, R.S.O. 1990, c. 0.1, it is the legislative duty and responsibility of the City to:

- make reasonable efforts to provide a safe, healthy working environment for its employees;
- ensure that all persons entering City premises are reasonably safe while on the premises; and,
- make reasonable efforts to provide for the safety of all Council Members, Employees and the public in City operations and in public use of City Facilities.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
City Equipment	250,000	1,000,000	1,250,000
<b>Total Financing Sources</b>	<b>250,000</b>	<b>1,000,000</b>	<b>1,250,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Stadium Membrane Replacement</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0419
<b>Project Location</b>	Civic Stadium
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	49

**Project Details**

**Project Description**

This project is for the final phase (3 of 3) to replace the waterproofing membrane over the Civic Stadium.

**Justification**

The existing waterproofing membrane on the Stadium leaks in multiple areas causing water penetration into the facility below the stadium. The water damage has caused mold infestation impacting facility operations and occupational health and safety concerns.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Conditions Audit Reserve	350,000	0	0
<b>Total Financing Sources</b>	<b>350,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Asphalt Running Surface - McMillan Parking Garage</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0443
<b>Project Location</b>	McMillan Parking Garage
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	49

**Project Details**

**Project Description**

This project is to replace the asphalt running surface at McMillan Parking Garage.

**Justification**

This facility is structurally engineered by a post-tensioning cable type system imbedded into the concrete. The existing asphalt running surface and waterproofing membrane is essential to maintaining the structural integrity. Water penetration within the post tensioning system can lead to deterioration and structural failure. Consultant recommendations are to resurface to avoid further deterioration and structural damage.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Conditions Audit Reserve	1,500,000	5,200,000	0
<b>Total Financing Sources</b>	<b>1,500,000</b>	<b>5,200,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Main Entrance Upgrades</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0450
<b>Project Location</b>	Robert McLaughlin Library
<b>Ward</b>	Ward 4
<b>Accessibility</b>	Yes
<b>Score</b>	31

**Project Details**

**Project Description**

This project is to complete upgrades to the existing stairs and ramp at the main entrance of the Robert McLaughlin Library.

**Justification**

The existing stairs at the main entrance are deteriorating with ongoing delamination of the concrete, exposing rebar. Numerous maintenance efforts have been made to extend the life. These upgrades will include a new accessible ramp and entrance to improve facility access.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Oshawa Library Facility Resrv.	450,000	0	0
<b>Total Financing Sources</b>	<b>450,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Upgrade Interior Lighting - John Aker Northview</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0451
<b>Project Location</b>	John Aker Northview Branch
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	28

**Project Details**

**Project Description**

This project is to complete phase two of interior lighting upgrades at the John Aker Northview Branch.

**Justification**

Subsequent to phase one capital project completing the interior lighting assessment and commencing a revised design. The existing light level conditions at this branch were deemed insufficient, with the branch operations receiving numerous ongoing complaints from the public.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Oshawa Library Facility Resrv.	300,000	0	0
<b>Total Financing Sources</b>	<b>300,000</b>	<b>0</b>	<b>0</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Replace Roof Section - Robert McLaughlin Library</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0452
<b>Project Location</b>	Robert McLaughlin Library
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	31

**Project Details**

**Project Description**

This project is to replace the roof section above the local history room of the Robert McLaughlin Library.

**Justification**

This portion of roof system covers the local history room (Robert McLaughlin room) adjacent to the main entrance.

Recommendations from a roofing consultant are to replace as soon as possible as the results of the assessment have identified evidence of ponding water. The age of the existing roof is beyond the typical serviceable life of 20 years. Replacement is necessary to avoid any water penetration to the existing facility causing interior damage.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Oshawa Library Facility Resrv.	150,000	0	0
<b>Total Financing Sources</b>	<b>150,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Replace Flat Roof - Jubilee</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0453
<b>Project Location</b>	Jubilee Pavilion
<b>Ward</b>	Ward 5
<b>Accessibility</b>	No
<b>Score</b>	31

**Project Details**

**Project Description**

This project is to replace the flat roof section of the Jubilee Pavilion.

**Justification**

The existing flat roof section of this facility was installed in 1995 and is showing significant signs of wear and potential structural damage. Recommendations from a roofing consultant are to replace immediately to avoid any potential damage of water infiltration.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	350,000	0	0
<b>Total Financing Sources</b>	<b>350,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Washroom/Changeroom Modifications</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0454
<b>Project Location</b>	Fire Halls
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	45

**Project Details**

**Project Description**

This project is to design and implement retrofit modifications to the existing washrooms/changerooms at all Fire Halls.

Construction will be requested in future budgets.

**Justification**

The existing washrooms and changerooms at the Fire Halls are dated and not conducive to accommodate a diverse workforce. Project scope to commence with design options for future budget considerations.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Infrastructure	75,000	0	0
Conditions Audit Reserve	0	450,000	0
<b>Total Financing Sources</b>	<b>75,000</b>	<b>450,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Bunker Gear Storage Rooms - Fire Halls</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	11 Buildings
<b>Project Number</b>	11-0456
<b>Project Location</b>	Fire Halls
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	39

**Project Details**

**Project Description**

This project is to design and implement Consultant recommendations for Bunker Gear Storage rooms at all six Fire Halls. 2024 is for one Fire Hall.

**Justification**

Subsequent to 2023 approved Capital to complete an assessment of bunker gear storage rooms in the Fire Halls, this project will incorporate the Consultant's recommendations by implementing various HVAC upgrades to ensure the air is clean and dry. Other measures include installation of extraction and drying equipment where applicable.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	250,000	0	0
Conditions Audit Reserve	0	1,250,000	0
<b>Total Financing Sources</b>	<b>250,000</b>	<b>1,250,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>New Columbarium - Union Cemetery</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	12 New Facilities
<b>Project Number</b>	12-0062
<b>Project Location</b>	Union Cemetery
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	23

**Project Details**

**Project Description**

This project is to construct a new precast double columbarium at Union Cemetery.

**Justification**

The existing amenities at Union Cemetery are approaching capacity for entombments and a new double columbarium is required to accommodate the increasing demand.

This aligns with the Union Cemetery Business Plan 2019-2029 (CS-19-14).

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Funded from Other	170,000	0	0
<b>Total Financing Sources</b>	<b>170,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Corporate Fleet Acquisitions</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	13 Vehicles and Equipment
<b>Project Number</b>	13-0056
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	33

**Project Details**

**Project Description**

To maintain a reliable fleet, a scheduled replacement program is followed to ensure all units in the fleet are replaced in a timely and efficient manner. In addition, each individual unit due for replacement is thoroughly inspected. The need for the replacement of each unit is reviewed relative to the impact of higher operating/repair costs and poorer reliability which could occur when not replaced according to schedule.

**Justification**

Refer to the 2024 Vehicle and Equipment listing for details.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
City Equipment	8,275,000	16,076,000	12,721,000
<b>Total Financing Sources</b>	<b>8,275,000</b>	<b>16,076,000</b>	<b>12,721,000</b>

**City of Oshawa**  
**2024 Fleet & Equipment Detailed Listing**

**Project 13-0056 - Corporate Fleet Acquisitions**

Description of Current Asset	Branch	Asset Number	Model Year	Life Cycle	Age	# of KMS or Hours	Unit	Budget
Aerial	Fire	55071	2007	15	17	119,295	KM	2,400,000
Fire Radio Equipment	Fire	Fire						75,000
Zero Turn	Parks	85160	2016	8	8		HRS	15,000
Skid Steer	Parks	46100	2010	10	14	1,047	HRS	150,000
Olathe - Toro Turf Sweeper	Parks	27130						35,000
Trackless Plow	Roads	31140	2014	10	10	3,110	HRS	195,000
Trackless Plow	Roads	31141	2014	10	10	3,184	HRS	195,000
Trackless Plow	Roads	31142	2014	10	10	2,482	HRS	195,000
Trackless Plow	Roads	31143	2014	10	10	2,592	HRS	195,000
1/2 Ton Pick-up	Roads	04142	2014	7	10	76,759	KM	80,000
1/2 Ton Pick-up	Roads	04143	2014	7	10	93,767	KM	80,000
1/2 Ton Pick-up	Roads	04144	2014	7	10	81,706	KM	80,000
1/2 Ton Pick-up	Roads	04145	2014	7	10	88,853	KM	80,000
3/4 ton Pickup Truck	Roads	05140	2014	7	10	129,006	KM	85,000
3/4 ton Pickup Truck	Roads	05141	2014	7	10	136,041	KM	85,000
1 Ton Pickup Truck	Roads	09142	2014	9	10	127,531	KM	110,000
1 Ton Pickup Truck	Roads	09143	2014	9	10	113,618	KM	110,000
1 Ton Pickup Truck	Roads	09144	2014	9	10	125,979	KM	110,000
Side Loader	Waste	19160	2016	8	8	100,590	KM	500,000
Side Loader	Waste	19161	2016	8	8	93,050	KM	500,000
Side Loader	Waste	19162	2016	8	8	89,933	KM	500,000
Side Loader	Waste	19163	2016	8	8	92,957	KM	500,000
Side Loader	Waste	19164	2016	8	8	91,696	KM	500,000
Side Loader	Waste	19165	2016	8	8	91,996	KM	500,000
Side Loader	Waste	19166	2016	8	8	89,960	KM	500,000
Side Loader	Waste	19167	2016	8	8	93,661	KM	500,000
<b>Total Budget for Project 13-0056 - Corporate Fleet Acquisition</b>								<b>\$ 8,275,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>New Corporate Fleet Acquisitions</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	13 Vehicles and Equipment
<b>Project Number</b>	13-0135
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	33

**Project Details**

**Project Description**

2024 Request for Staff Positions, included the vehicles and equipment required for the new positions. The potential adjustments included the acquisition of 9 new vehicles.

Refer to the 2024 New Vehicle and Equipment listing for details.

**Justification**

The capital equipment is required for the positions to be able to effectively address matters such as workload capacity, health and safety priorities, provincial legislation, federal regulations, maintenance of service levels, and Council priorities.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
City Equipment	647,000	0	0
<b>Total Financing Sources</b>	<b>647,000</b>	<b>0</b>	<b>0</b>



# City of Oshawa

## 2024 New Corporate Fleet Acquisitions Detailed Listing

### Project 13-0135 - New Corporate Fleet Acquisitions

Description of New Asset	Vehicle Class	Branch	Potential Adjustment	Budget
Work Van	Class 7	FMS	PA-24-10	79,000
Work Van	Class 7	FMS	PA-24-11	79,000
New Fleet Unit	Class 3	MLELS	PA-24-23	65,000
Zero Turn Mower	Class 6	Operations	PA-24-26	100,000
3 Landscape Trailers	Class 3	Operations	PA-24-26	39,000
Electric Vehicle with Power Tailgate	Class 3	Operations	PA-24-30	90,000
Special Service Vehicle	Class 3	MLELS	PA-24-47	65,000
New Fleet Unit	Class 3	MLELS	PA-24-24	65,000
New Fleet Unit	Class 3	MLELS	PA-24-24	65,000
<b>Total Budget for Project 13-0135 - New Corporate Fleet Acquisition</b>				<b>\$ 647,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Mailroom Equipment Replacement</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	13 Vehicles and Equipment
<b>Project Number</b>	13-0138
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	64

**Project Details**

**Project Description**

To replace two pieces of mailroom equipment at City Hall; postage machine and inserting/folding machine.

**Justification**

The mailroom provides folding, inserting and franking of City wide mail. The postage machine is used to logo and apply postage to envelopes for Canada Post mail process. The current equipment was purchased in 2015 and is at the end of its useful life.

The folding/inserting machine is used to fold and insert mail into envelopes. Resident notices, notice of impending conviction and pay stubs utilize this equipment to fold and insert documents into envelopes. The current equipment was purchased in 2016 and is at the end of its useful life.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
City Equipment	36,000	0	0
<b>Total Financing Sources</b>	<b>36,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>IT Server Upgrades</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0032
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	43

**Project Details**

**Project Description**

Upgrades to the corporate Information Technology (IT) server environment are required to maintain vendor support, maintain compatibility with corporate systems and to introduce new features.

**Justification**

These server components provide the foundation for the City's corporate business systems.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	100,000	200,000	200,000
<b>Total Financing Sources</b>	<b>100,000</b>	<b>200,000</b>	<b>200,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Customer Relationship Management Software</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0035
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	43

**Project Details**

**Project Description**

Service Oshawa's Customer Relationship software is out of date and a legacy product is needed to refresh and align customer service and I.T. strategies for delivering modern digital tools for service to the residents of Oshawa.

**Justification**

The Lagan system is used by Service Oshawa to maintain customer inquiries, complaints, and service requests. It serves as a key customer service input channel and is integrated with several business systems including the new CityView and Maximo Work Management systems. The current product is out of support and a legacy platform.

There is significant risk in the continued use of the legacy Lagan Customer Relationship Management (C.R.M.) solution as it is out of date and unsupported at the end of 2024 leading to several risks. These include security, operational sustainability and reputational issues should the main customer relationship management tools be unavailable to service the public.

Additionally the City is undergoing a Customer Service strategy that will likely emphasize the need to enhance digital tools for self service and interaction with City services. A modern C.R.M. platform will be required to support any strategic service objectives.

The 2020-2024 Information Technology Strategic Plan (CORP-20-17) recommends that the City invest in an expansion of Digital Services in order to enhance customer services available on-line. Additional digital services and self-service tools may be integrated into a new C.R.M. platform.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	600,000	150,000	300,000
<b>Total Financing Sources</b>	<b>600,000</b>	<b>150,000</b>	<b>300,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Network Switch Upgrades</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0039
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	56

**Project Details**

**Project Description**

Replace end of support network switches at City facilities with current models to maintain vendor support and allow reliability, improved performance, features, and security.

**Justification**

This project forms part of a multi-year planned lifecycle replacement program for edge network switches across the entire network that will ensure system compatibility and support. Existing switches are no longer supported and are experiencing hardware failures resulting in service interruptions.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	100,000	200,000	200,000
<b>Total Financing Sources</b>	<b>100,000</b>	<b>200,000</b>	<b>200,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Telephone System Upgrades</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0044
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	43

**Project Details**

**Project Description**

Provide telephone system upgrades required to maintain a current and sustainable telephone system. Upgrades are required within the call centre components supporting Service Oshawa.

**Justification**

The corporate telephone system is critical to effective communications both internally and externally. Unsupported and out-of-date components can put the system and City at risk.

Integration with other platforms such as a new Customer Relationship Management platform as well as Microsoft Teams/hybrid work tools will be required in the modernization plan and is supported by 2020-2024 Information Technology Strategic Plan (CORP-20-17) recommendations.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	250,000	120,000	240,000
<b>Total Financing Sources</b>	<b>250,000</b>	<b>120,000</b>	<b>240,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>HCM System Replacement</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0111
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	34

**Project Details**

**Project Description**

Replacement of the City's Human Capital Management (H.C.M.) system with a modern corporate solution including improved employee records (position management, progression, anniversaries, shift scheduling etc.), self-service for managers and employees, simplified and accurate reporting, analytics and real-time organization charts.

**Justification**

The 2020-2024 Information Technology Strategic Plan (CORP-20-17) recommends the replacement of the City's existing H.C.M. system as it no longer meet the needs of the organization. This is essential for the City to be able to more effectively manage its most important asset (people) and to reduce one of its most intensive administrative processes (payroll).

The recommendation follows on a comprehensive review of the use of H.R. and Payroll technology and related processes in the organization completed in 2019. This review identified several system deficiencies and inefficient business processes. A detailed review of the H.C.M. software market, available solutions, features and support resulted in the recommendation to replace the existing outdated legacy system.

There is also significant risk in the continued use of the legacy PeopleSoft tools as they are out of date and unsupported at the end of 2024, which could lead to several risks including security, operational sustainability and reputational issues should payroll or other employee services be impacted.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	1,400,000	0	0
<b>Total Financing Sources</b>	<b>1,400,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Maximo Platform Upgrade</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0128
<b>Project Location</b>	City Hall
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	48

**Project Details**

**Project Description**

Maximo is a maintenance management platform used in support of managing and maintaining assets and work items in support of those assets. While business units have been live for approximately 3 years, the current deployed platform is approaching 5 years and is nearing end of life and support by IBM. This project is for implementation and migration solutions to a new Software as a Service Maximo solution.

The total project cost is \$1,050,000, therefore \$800,000 requires to be committed for the 2025 budget.

**Justification**

In order to maintain support and security of this major application platform for City operations, a platform upgrade is required. The new platform is a Software as a Service (SaaS) product called Maximo as a Service (M.A.S.). Moving to SaaS offering has numerous operational and functional benefits including maintaining currency of software, removing local infrastructure operational burden and costs, as well providing cost predictability as major upgrades will not be capital asks in future, solely operation costs on M.A.S. subscription fees.

This will be a major project that will require significant resources from business units in order to manage the migration and change functions for a successful transition.

Project costs are for professional services support from our Maximo implementation partner as well as first year licensing subscription. Subsequent years will have an operational impact of approximately \$550K offset by savings on current licensing and support renewals, as well as infrastructure costs totaling approximately \$350K. Net future operating impact will increase an estimated \$200K.

The transition to a SaaS model is a recommendation of the 2020-2024 Information Technology Strategic Plan (CORP-20-17) approved by Council.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	250,000	800,000	0
<b>Total Financing Sources</b>	<b>250,000</b>	<b>800,000</b>	<b>0</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Transportation Modelling and Simulation Software</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0129
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	29

**Project Details**

**Project Description**

This project is for purchasing specialized software for Engineering to optimize the City's transportation networks to reduce congestion and travel times, enhance planning for growth related needs, reduce environmental impacts and promote sustainability, and provide analytics to make informed decisions.

Capacity analysis is the process of analyzing the transportation network by monitoring and reporting on the Integrated Transportation Master Plan (I.T.M.P.). This software allows faster, more accurate and thorough analysis to support the City's current rate of growth. One licence is required; the City's two staff can share the software.

Ongoing costs such as subscription and annual licence fees are to be determined through the tendering process. It is anticipated this cost would be nominal.

The software would create and model a detailed representation of the City's transportation network with information such as travel speeds, distances, and road capacities. Transportation forecasts would be generated by taking population and employment estimates as inputs while considering the impact of road network travel times, routing decisions, and travel mode choices. The software uses advanced algorithms to reflect observed and estimate forecast travel behaviour.

**Justification**

The 2020 Information Technology Strategic Plan (CORP-20-17) recommends decision support systems and becoming a data informed organization.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	55,000	0	0
<b>Total Financing Sources</b>	<b>55,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Pavement Management System</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0130
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	29

**Project Details**

**Project Description**

This project is for purchasing specialized software for Engineering to analyze pavement lifecycles and conditions, enhancing infrastructure planning with more informed decisions.

Pavement Management is the process of planning the renewal and replacement of a network of roadways or other paved facilities in order to optimize pavement conditions over the entire network. Pavement management incorporates lifecycle costs into a more systematic approach to preventative, renewal, rehabilitation and reconstruction project planning. This software allows analysis to optimize the entire network, effectively and faster. One licence is required; the City's two staff can share the software.

Ongoing costs such as subscription and annual licence fees are to be determined through the tendering process. It is anticipated this cost would be nominal.

Providing a data-driven method for more accurate long-term plans by forecasting deterioration, planning interventions, investigating value of new treatment technologies, the ability to apply constraints and generate effective reports that demonstrate the effects of investment decisions and the performance of the City's roads.

**Justification**

The 2020 Information Technology Strategic Plan (CORP-20-17) recommends decision support systems and becoming a data informed organization.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	50,000	0	0
<b>Total Financing Sources</b>	<b>50,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Microsoft Teams Rooms Phase 2</b>
<b>Department</b>	Corporate and Finance Services
<b>Subcategory</b>	30 IT / Communications
<b>Project Number</b>	30-0132
<b>Project Location</b>	City Hall
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	45

**Project Details**

**Project Description**

Purchase and implementation of Microsoft (MS) Teams Room hardware solutions to provide modern meeting space collaboration capabilities in support of hybrid work and staff strategy.

A Pilot for 8 room upgrades for City Hall started in 2023. This funding is required to expand that to an additional 6 to 8 rooms for various other City facilities to ensure common access to these valuable tools across the organization and facilitate intra-site meeting capabilities.

**Justification**

The 2020-2024 Information Technology Strategic Plan (CORP-20-17) approved by Council called for the need to support modern hybrid working capabilities.

Microsoft Teams Rooms allow for the refitting of existing standalone meeting rooms into highly connected collaborations and communications space critical to transforming the workplace with modern capabilities.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Information Technology	100,000	0	0
<b>Total Financing Sources</b>	<b>100,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Impacted Soil Removal</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	40 Other
<b>Project Number</b>	40-0052
<b>Project Location</b>	Raleigh Avenue
<b>Ward</b>	Ward 5
<b>Accessibility Score</b>	No 46

**Project Details**

**Project Description**

This project is intended as an annual removal of impacted soil and final grading at the Raleigh Operations Yard. It is estimated that there is approximately 15,000 cubic metres or 22,500 tonnes of stockpiled material to be removed. This project is intended to reduce the pile by removing 3,000 cubic metres annually over 7 years (2022 to 2028) thereby demonstrating proactive measures for reducing risk, and providing surface remediation, which will reduce the discharge of pollutants to stormwater and provide opportunities for future operational uses of the site.

**Justification**

This project shall include excavation, transport, and disposal of impacted material in accordance with the rules and regulations of all Ministry and Federal Agencies.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Civic Property Development	285,000	1,140,000	0
<b>Total Financing Sources</b>	<b>285,000</b>	<b>1,140,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Excess Soil Management</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	40 Other
<b>Project Number</b>	40-0066
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	51

**Project Details**

**Project Description**

Pre-Engineering - This project is to facilitate the Assessment of Past Use and Soil Categorization Reports of soils for various engineering projects in compliance with O. Reg. 406/19 requirements (Excess Soil Management).

This project supports and improves the infrastructure planning, estimating and designing processes of upcoming construction projects. Assessment of Past Uses and Soil Categorization Reports are to be included in design/tender documents. Haulage and disposal costs will be budgeted for within the individual construction contracts.

This work is anticipated to be completed by Q4 2024.

Failure to have the information available at the time of tender exposes the City to risk of cost increases after the contract is awarded, i.e. cost increases from the contractor after awarded.

**Justification**

Per O.Reg. 406/19, municipalities (Project Leader) need to sample excess soil and obtain soil characterization reports for the beneficial re-use of excess soil prior to construction. Completing this sampling and reporting prior to tender significantly reduces the City's risk exposure to Contractor claims and delays, and provides accurate information for bidders to base their bids on.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Infrastructure	100,000	0	0
<b>Total Financing Sources</b>	<b>100,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Infrastructure Condition Monitoring</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	40 Other
<b>Project Number</b>	40-0067
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	49

**Project Details**

**Project Description**

Infrastructure Condition Monitoring - As part of the City's annual Renewal and Replacement program this project is to collect data on the City's infrastructure through inspections and prepare reports on conditions for a variety of asset classes like municipal structures, roads, and/or storm sewers.

Asset condition is critical in understanding when and what interventions may be required to improve or maintain levels of service.

- The City's biennial municipal structure inspections
- Inspection of the City's road network  
(migrate from existing condition to automated P.C.I. collection)
- Stormwater assets (including storm sewers and watercourses)
- Creek Erosion

This work is anticipated to be completed by Q4 2024.

**Justification**

Funding the inspection and reporting of municipal structures throughout the City in accordance in Ontario Regulation 104/97.

This supports a recommendation for action in the City's Asset Management Plan which includes developing a method for assessing the condition of all assets, striving to have more observed condition assessments.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	260,000	400,000	400,000
<b>Total Financing Sources</b>	<b>260,000</b>	<b>400,000</b>	<b>400,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>COD Renovations-Fire Dispatch Services</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	40 Other
<b>Project Number</b>	40-0069
<b>Project Location</b>	Consolidated Operations Depot
<b>Ward</b>	Ward 5
<b>Accessibility</b>	No
<b>Score</b>	29

**Project Details**

**Project Description**

This project is to complete necessary renovation required to the third floor at the Consolidated Operations Depot (COD) for the fire dispatch services communication centre.

**Justification**

To accommodate the amalgamation of Durham Municipalities and future growth of fire dispatch services.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Contribution from partners	300,000	0	0
Infrastructure	200,000	0	0
<b>Total Financing Sources</b>	<b>500,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Forestry Master Plan</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	40 Other
<b>Project Number</b>	40-0070
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	22

**Project Details**

**Project Description**

A Forestry Master Plan will be developed to provide the City a strategic framework to proactively manage and guide the growth of the urban forest. The plan will proactively guide the preservation, management and enhancement of the City's trees and forests on public and privately-owned lands with the goal of directing management, operations and budgeting.

The following will be included in the plan:

- Canopy and Tree Inventory Analysis
- Woodlot Management Strategy
- Operational Planning
- Stakeholder Consultation
- Preservation and Protection
- Development Strategies

**Justification**

Over the last decade, the City of Oshawa's urban forest has been affected by several factors including tree loss from Emerald Ash Borer, changes in legislation, technological improvements, increased pressure from development and changing climate.

The proposed Forestry Master Plan is required to gain a better understanding of the current state and resilience of our street trees, park trees and woodlots by understanding and protecting ecological benefits.

There are currently two directives from Council advising staff to report back on the potential establishment of a private tree by-law to protect and preserve privately owned trees in the City of Oshawa (CS-13-46 and CS-19-134).

If the Forestry Master Plan is not undertaken, risks include a potential decrease to our urban canopy, operational reactivity and non-compliance with new legislation. The Forestry Master Plan would also help resolve issues of canopy decline due to new development and intensification by presenting solutions such as a private tree by-law.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Trees in New Subdivisions	120,000	0	0
<b>Total Financing Sources</b>	<b>120,000</b>	<b>0</b>	<b>0</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>ATMP Trail Link 13 - Britannia to Pipeline</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	50 Development Related Parks and Trails
<b>Project Number</b>	50-0014
<b>Project Location</b>	Oshawa Creek Trail
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	24

**Project Details**

**Project Description**

This project is to design a recreational trail from Britannia Avenue East to Pipeline (within the Windfields Part II Plan subdivision) as identified in the Active Transportation Master Plan.

**Justification**

This trail link has been identified for development in the Active Transportation Master Plan (ATMP) which was endorsed by council in 2015.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	24,000	240,000	0
Parks Rec Trails Develop DC	216,000	2,160,000	0
<b>Total Financing Sources</b>	<b>240,000</b>	<b>2,400,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>ATMP Trail Link 5 - Conlin Rd E to Britannia E</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	50 Development Related Parks and Trails
<b>Project Number</b>	50-0019
<b>Project Location</b>	Oshawa Creek Trail
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	34

**Project Details**

**Project Description**

This project is to design a recreational trail from Conlin Road East to Britannia Avenue East and west of Bridle Road (within the Windfields Part II Plan subdivision) as identified in the Active Transportation Master Plan.

**Justification**

This trail link has been identified for development in the Active Transportation Master Plan (ATMP) which was endorsed by council in 2015.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	15,000	150,000	0
Parks Rec Trails Develop DC	135,000	1,350,000	0
<b>Total Financing Sources</b>	<b>150,000</b>	<b>1,500,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Rose Valley Community Park</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	50 Development Related Parks and Trails
<b>Project Number</b>	50-0043
<b>Project Location</b>	Thornton Road North
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	29

**Project Details**

**Project Description**

This project represents the additional funding required to proceed with the development of the Rose Valley Community Park (previously Thornton Community Park).

This project includes: passive recreational amenities, accessible pathways, site furniture, hard surface courts, open and passive park space, a major playground, parking lot, shade structures, Phase 2 of the B.M.X. track, formal gardens, a maintenance building, public washroom building, plantings and naturalization areas. A formalized intersection at Deer Valley Drive will be explored in conjunction with the Region of Durham.

Council has previously approved \$5,480,000 and with 2024, the total budget for this project is \$9,280,000.

**Justification**

This project is a continuation of the Phase 1 B.M.X. Park as approved by Council in CS-21-28 dated March 29, 2021. DS-22-116 provides direction for an extensive and attractive rose garden theme of the Park's landscape design as approved by Council on May 24, 2022.

Phase 1 construction has been awarded and is currently underway.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	947,000	0	0
Growth Related (Non-DC)	535,000	0	0
Parks Rec Trails Develop DC	2,318,000	0	0
<b>Total Financing Sources</b>	<b>3,800,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Bond/Simcoe Urban Square</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	50 Development Related Parks and Trails
<b>Project Number</b>	50-0067
<b>Project Location</b>	Bond Street and Simcoe Street (NE corner)
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	37

**Project Details**

**Project Description**

This project involves the construction of a new urban square at the intersection of Bond St and Simcoe Street N (northeast corner). Design is underway and some site remediation has been completed as part of the Ministry of Environment, Conservation and Parks approval to build process. Additional remediation may be required during construction and is included in the budget submission for 2024.

**Justification**

The Urban Square is intended to be a unique focal point of the downtown Oshawa community and a hub for community celebrations, events, concerts, and promotions that will appeal to both residents and tourists. The development will bring an enhanced vitality and excitement to the downtown core.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	350,000	0	0
Parks Rec Trails Develop DC	3,150,000	0	0
<b>Total Financing Sources</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Renaissance Park</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	50 Development Related Parks and Trails
<b>Project Number</b>	50-0068
<b>Project Location</b>	Southwest of Park Rd S and Renaissance Dr
<b>Ward</b>	Ward 5
<b>Accessibility</b>	No
<b>Score</b>	43

**Project Details**

**Project Description**

This project is to commence the design for the redevelopment of Renaissance Park.

The construction portion will be requested in a future budget.

**Justification**

Funding for this project is provided by the Developer for the adjacent development and does not impact the City's capital funding source.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Contribution from Developers	70,000	630,000	0
<b>Total Financing Sources</b>	<b>70,000</b>	<b>630,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Rotary Park Redevelopment</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	51 Parks
<b>Project Number</b>	51-0116
<b>Project Location</b>	254 Centre Street South
<b>Ward</b>	Ward 4
<b>Accessibility</b>	Yes
<b>Score</b>	64

**Project Details**

**Project Description**

This project represents the additional funding required to proceed with the construction for the Rotary Park Redevelopment. Funding of \$8,221,663 was previously approved in 2021, which included design and construction.

The project, which included demolition of the existing facility will now implement the design, incorporating a new zero-entry leisure pool complete with adjoining lane swimming, a major splash pad and a destination playground equipped with designated areas for various age groups. Other amenities included within the site redevelopment are accessible pathways and site furniture.

**Justification**

Supplemental to reports CS-21-36 and CS-21-94 advancing the design of Rotary Park redevelopment, this is to commence with the construction portion of the project. A Request for Tender for the construction has been issued and is scheduled to close through the City's procurement process in mid-November.

Additional funds are being requested in consideration of the Class A design estimate and potential for the construction tender closing above the currently approved budget.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Parks and Recreation Infrastr.	3,000,000	0	0
<b>Total Financing Sources</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Conant Park Redevelopment</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	51 Parks
<b>Project Number</b>	51-0119
<b>Project Location</b>	Conant Park
<b>Ward</b>	Ward 5
<b>Accessibility</b>	Yes
<b>Score</b>	44

**Project Details**

**Project Description**

This is a redevelopment project that includes the replacement of the playground equipment, playground safety surfacing, upgrading the path of travel to meet Accessibility for Ontarians with Disabilities Act (A.O.D.A.) compliance, upgrading the existing soccer field to a 9v9, replacement of the existing parking lot, the replacement of site furnishings, and the enhancement of tree plantings and naturalized areas.

**Justification**

Identified as a high priority through the park audit and maintenance consultation process this park no longer meets the City of Oshawa Quality Standards. Several park amenities do not comply with the A.O.D.A. or the City's Oshawa Accessibility Design Standards (O.A.D.S.). Plantings and naturalization within this park will contribute to increased native plant diversification, assist in stormwater retention, provide passive cooling, and reduce the amount of maintained lawn areas as recommended by the Durham Community Climate Adaption Plan.

This park was approved for design as part of the 2021 Capital Budget. Funds being requested for the 2024 Capital reflect the costs associated (with the increased construction costs) as a result of the existing park being situated on a former landfill site.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Parks and Recreation Infrastr.	885,000	0	0
Canada Comm-BuildingFund (FGT)	415,000	0	0
<b>Total Financing Sources</b>	<b>1,300,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Greenbriar Park Redevelopment</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	51 Parks
<b>Project Number</b>	51-0138
<b>Project Location</b>	Greenbriar Park
<b>Ward</b>	Ward 3
<b>Accessibility</b>	Yes
<b>Score</b>	33

**Project Details**

**Project Description**

This is a redevelopment project that includes replacement of the existing playground equipment and site furniture, pathway, and the addition of plantings and naturalization areas.

**Justification**

Identified as a high priority through the park audit and maintenance consultation process the park no longer meets City of Oshawa Quality Standards. Several park amenities do not comply with the Accessibility for Ontarians with Disabilities Act or the City's Oshawa Accessibility Design Standards.

This park was approved for design as part of the 2023 Capital Budget.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	800,000	0	0
<b>Total Financing Sources</b>	<b>800,000</b>	<b>0</b>	<b>0</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Everglades Park Redevelopment</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	51 Parks
<b>Project Number</b>	51-0148
<b>Project Location</b>	Pompano Court
<b>Ward</b>	Ward 1
<b>Accessibility</b>	No
<b>Score</b>	41

**Project Details**

**Project Description**

This project involves the redevelopment of Everglades Park, including the replacement of the existing playground equipment, the addition of accessible pathways, site furniture, plantings and naturalization areas. The scope and costs are related to background investigations and design development with construction to be undertaken as a future phase.

**Justification**

Identified as a high priority through the park audit and maintenance consultation process the park no longer meets City of Oshawa Quality Standards. Several park amenities do not comply with the Accessibility for Ontarians with Disabilities Act or the City's Oshawa Accessibility Design Standards.

Plantings and naturalization within this park will contribute to increased native plant diversification, assist in stormwater retention, provide passive cooling, and reduce the amount of maintained lawn areas as recommended by the Durham Community Climate Adaption Plan.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	150,000	0	0
Parks and Recreation Infrastrasture	0	1,000,000	0
<b>Total Financing Sources</b>	<b>150,000</b>	<b>1,000,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Parks Enhancement Program</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	51 Parks
<b>Project Number</b>	51-0149
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	41

**Project Details**

**Project Description**

This project is to replace component specific parks amenities in an effort to respond to changing community demographics and extend the asset life.

**Justification**

This project is intended to strategically reduce the burden of compounding Capital and bridge the gap between maintenance constraints and future potential redevelopment.

The project will refresh existing parks typically less than 15 years old and attempt to address changing demographics of a community, including but not limited to:

- minor equipment replacement
- age appropriate equipment rotation

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	500,000	0	0
Parks and Recreation Infrastructure	0	2,000,000	2,500,000
<b>Total Financing Sources</b>	<b>500,000</b>	<b>2,000,000</b>	<b>2,500,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Parks Condition Audits</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	51 Parks
<b>Project Number</b>	51-0150
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	45

**Project Details**

**Project Description**

Consulting services to complete condition audits of Parks supporting the City's capital planning team with short and long term maintenance lifecycle scheduling.

Condition audits of City parks supporting the City's capital planning team with short and long term maintenance lifecycle scheduling.

**Justification**

Continuation of the City's asset management of parks supporting maintenance schedules and plan for future capital needs and sound asset management.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Parks and Recreation Infrastructure	100,000	400,000	500,000
<b>Total Financing Sources</b>	<b>100,000</b>	<b>400,000</b>	<b>500,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Harmony Creek Branch 3 Watercourse Improvement</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	54 S.W.M. / Watercourse
<b>Project Number</b>	54-0093
<b>Project Location</b>	Hillcroft to Rossland
<b>Ward</b>	Ward 3
<b>Accessibility</b>	No
<b>Score</b>	25

**Project Details**

**Project Description**

Design and Construction Phases - This watercourse improvement project is the final phase of a series of projects intended to construct the necessary bank stabilization measures, as determined through the previous Study and Design. Location is Harmony Creek Branch 3 from Hillcroft Street to Rossland Road.

This project will complete the detailed design, permits required to complete construction in the 2025 construction season. The successful completion of this project will provide protection to the City infrastructure, private properties and also the natural environment. There will also be an additional benefit of reducing the City's exposure to claims of damage and/or injury.

Design Phase completion is expected in Q4 2024  
Construction Phase completion is expected Q3 2025  
Warranty period for construction deficiencies until Q3 2028

**Justification**

The proposed watercourse improvement is a proactive measure to protect the creek banks from continued erosion and protect infrastructure and the natural environment. This project is responsive to community needs to provide safe and reliable infrastructure, provides long term sustainability, and environmental responsibility, conserving the natural environment by providing cleaner water and proactive environmental management.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	150,000	0	0
Watercourse Improvements DC	850,000	0	0
<b>Total Financing Sources</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Pedestrian Structure Replacement</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	71 Bridges
<b>Project Number</b>	71-0076
<b>Project Location</b>	0.06km W of Riverside Dr
<b>Ward</b>	Ward 3
<b>Accessibility</b>	No
<b>Score</b>	53

**Project Details**

**Project Description**

The Farewell Park and Knights of Columbus Pedestrian Footbridge (Structure MS-4-2023) over the Harmony Creek provides an active transportation link from Riverside Drive south to Farewell Street.

The structure was closed in 2023 due to safety concerns and requires replacement.

Construction completion is expected Q4 2024

Warranty period for construction deficiencies until Q4 2026

**Justification**

The City is required by Ontario Regulation 104/97 to keep all bridges safe and in good repair. Inspections are performed to determine the integrity, safety and condition of bridges in accordance with the regulation and with the Ontario Structure Inspection Manual. The structural engineer retained by the City prioritized this structure in the 2023 inspection.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	630,000	0	0
<b>Total Financing Sources</b>	<b>630,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Pedestrian Structure Replacements</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	71 Bridges
<b>Project Number</b>	71-0092
<b>Project Location</b>	350m south of Bloor St W and 200m west of Erie St
<b>Ward</b>	Ward 5
<b>Accessibility</b>	No
<b>Score</b>	43

**Project Details**

**Project Description**

Construction Phase - Additional funding required to deliver all remaining work associated with previously approved projects 22-71-0092 and 21-54-0065 watercourse funding.

As part of the City's Annual Renewal and Replacement Program this project is to replace the culvert located 350m south of Bloor St W and 200m west of Erie St as identified in the 2021 Biennial Municipal Structural Inspection Program.

Staff have worked to coordinate all the needs in the area including pedestrian structure (Structure 1-2053), watercourse improvements, and recreational multi-use paths. The configuration of future contracts to deliver the work has yet to be determined and will aim to achieve the most efficient delivery and appropriate economies of scale.

Construction completion is expected Q4 2024  
Warranty period for construction deficiencies until Q4 2026

Council approved \$400,000 in 2020 for Design Phase of Watercourse Improvement  
Council approved \$438,000 in 2022 for Design and Construction Phase  
Council approved \$1,505,000 in 2023 for Construction Phase

**Justification**

The City is required by Ontario Regulation 104/97 to keep all bridges safe and in good repair. Inspections are performed to determine the integrity, safety and condition of bridges in accordance with the regulation and with the Ontario Structure Inspection Manual. The structural engineer retained by the City prioritized this structure in the 2021 inspection.

The proposed project is a proactive measure to protect infrastructure from continued erosion and the natural environment.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	205,000	0	0
Watercourse Improvements DC	650,000	0	0
Infrastructure	725,000	0	0
<b>Total Financing Sources</b>	<b>1,580,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Replacement of Transponders and Equipment</b>
<b>Department</b>	Safety and Facilities Services
<b>Subcategory</b>	72 Municipal Parking
<b>Project Number</b>	72-0025
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	56

**Project Details**

**Project Description**

For the replacement of the access equipment, pay stations, revenue control software and transponders used at the Municipal Parking Garages and Lot #19 (Courthouse Parking Lot).

This project provides additional funding in the amount of \$350,000 to existing capital project 72-0025, which has previously approved funding in the amount of \$650,000.

**Justification**

The existing Parking Access and Revenue Control System is reaching its tenth year in operation and components of the system are beginning to fail at an increased rate. Also, due to unreliable communication with the entry and exit stations, City staff often have to provide access to parking customers by manually operating the barrier gate. This results in lost revenue for the municipal parking system and is not a practical use of staff time.

In addition, the software that manages the Parking Access and Revenue Control system is out of date and is difficult to maintain. There is also a concern that merging new transponder reader equipment with an existing aging system may cause compatibility issues, whereas replacing the entire system ensures compatibility between components. The current software system requires considerable support from the City's Information and Technology Services (ITS) branch. Support from ITS will be required and a contract position is necessary of approximately \$100,000 based on an assumed 12 month project. It is expected that an external resource could manage the IT portion of the project and coordinate the configuration of the software. There will also be network configuration, security and integration tasks that would still require internal IT resources to complete. Given the reasons noted above, staff recommend that the entire Parking Access and Revenue Control System be replaced. The total cost of the project is approximately \$1,000,000 including all software, equipment and ITS contract position.

Continuation of project 17-72-0025.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Interfund Note	350,000	0	0
<b>Total Financing Sources</b>	<b>350,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Thornton Road North</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	73 Development Related Roads
<b>Project Number</b>	73-0487
<b>Project Location</b>	Conlin Rd W to Winchester Rd W
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	31

**Project Details**

**Project Description**

Construction Phase - Additional funding required to deliver all remaining work associated with previously approved work.

As part of the City's Growth Related Program this project represents the additional funding required to deliver Thornton Road North from Conlin Rd W to 2475 Thornton Rd N. as a two lane road profile including street lighting, utility relocation, and paved shoulder cycling lanes. The design will also include pedestrian facilities to connect Conlin Rd W to the future Britannia Ave W connection. The ultimate four-lane alignment will be budgeted for construction in future forecast years.

Design is expected Q2 2024

Completion of construction is expected Q4 2025

Warranty period for construction deficiencies until Q4 2027

Completing this project with Regional service opportunities will open up opportunities for employment land as well as lands for Ontario Tech University and Durham College. Durham Region Transit has also identified a need for a bus terminal on Thornton Rd N which will also require Regional Services to be constructed. This work supports the delivery of the Reconstruction of Roselawn Avenue, Bickle Drive and Winifred Avenue (Ward 2) per report CNCL-23-02.

Council approved \$350,000 in 2013 for Study Phase - Environmental Assessment

Council approved \$4,873,000 in 2021 for Design and Construction Phases

**Justification**

This project was identified in the City's Integrated Transportation Master Plan and is responsive to community needs to provide safe and reliable infrastructure, provides long term sustainability, and environmental responsibility.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Debt	792,000	0	0
Transportation Roads DC	3,608,000	0	0
<b>Total Financing Sources</b>	<b>4,400,000</b>	<b>0</b>	<b>0</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

Project Name	Subdivision Related Projects
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	73 Development Related Roads
<b>Project Number</b>	73-0490
<b>Project Location</b>	Kendron Development Area
<b>Ward</b>	Ward 1
<b>Accessibility</b>	No
<b>Score</b>	51

**Project Details**

**Project Description**

With City Council approval of a draft Plan of Subdivision, the City requires the developer to enter into a subdivision agreement in accordance with the Planning Act to ensure fulfillment of all conditions of that approval are satisfied prior to release of the plan for registration. One condition requires that arrangements be made for the City's share of financing for the development.

This project represents the sum of all the City's share of financing that are anticipated to require payment throughout the year. This project will fund Stage 1 obligations for developments in the Kedron development area.

The City's share of financing can consist of the following: stage 1 construction where the City is committed to pay for the granular base and base asphalt of the difference between a local and arterial/collector sized road. Stage 2 construction where the City is committed to pay for the surface asphalt difference between a local and arterial/collector sized road and any required road culverts or bridges on arterial roads. The developer is committed to the funding of the remaining road related items within the subdivision development.

Where possible the City's share of the cost has been calculated in accordance with City Council policy for payment as set out in all subdivision agreements which is further set out in the Development Charge Background Study and has accordingly been included for payment in the Subdivision Agreement documents.

**Justification**

This project was identified in the City's Integrated Transportation Master Plan and is responsive to community needs to provide safe and reliable infrastructure, provides long term sustainability, and environmental responsibility.

**Project Budget Summary**

Financing Sources	2024	2025 to 2028	2029 to 2033
Transportation Roads DC	218,000	104,000	0
<b>Total Financing Sources</b>	<b>218,000</b>	<b>104,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Conlin Road West Limits to Ritson - Phase 1 PSW</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	73 Development Related Roads
<b>Project Number</b>	73-0491
<b>Project Location</b>	Conlin Rd
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	31

**Project Details**

**Project Description**

Construction Phase - As part of the City's Growth Related Program this project is part of the Conlin Road West Phase 1 Scope, a portion of the Provincially Significant Wetland (P.S.W.) within the City's right of way was cleared and grubbed to facilitate the design and construction for the road reconstruction. This reduction of P.S.W. was identified in the 2012 environmental assessment.

CLOCA has permitted the reduction in the P.S.W. and had requested an offsetting project to recreate the P.S.W. The City has indicated to CLOCA that a future project would be identified and would be subject to Council approval.

Completion of construction is expected Q4 2024.

**Justification**

This project was identified in the City's Integrated Transportation Master Plan and is responsive to community needs to provide safe and reliable infrastructure, provide long term sustainability, and environmental responsibility.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	43,000	0	0
Transportation Roads DC	174,000	0	0
<b>Total Financing Sources</b>	<b>217,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>A.T.M.P. Cycling Network Expansion</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	74 Roads
<b>Project Number</b>	74-0007
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	33

**Project Details**

**Project Description**

This project is required to implement on-road cycling facilities and bicycle repair stations as approved by Council. The introduction of a cycling route with an edge line provides significantly more comfort for the cyclist, as compared to a cycling route with signage only. For this reason, staff recommends the use of edge lines for cycling routes in Oshawa, where pavement width allows. The implementation of bicycle repair stations is intended to support and promote cycling within the City. The free-to-use, publicly-accessible repair stations will be installed along popular cycling routes and pathways that attract heavy cycling traffic.

The 2024 locations for cycling infrastructure and bicycle repair station implementation are being reviewed with the Oshawa Active Transportation Advisory Committee and other City departments.

**Justification**

In 2015, Council approved the Active Transportation Master Plan (A.T.M.P.). As part of the Integrated Transportation Master Plan, it provides guidelines for implementing on and off-road cycling facilities and supporting infrastructure. The purpose of this study is to create a plan to establish travel corridors, identify recommended routes, prepare design criteria, and an implementation strategy for a City-wide cycling network for utilitarian and recreational purposes.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	100,000	200,000	50,000
<b>Total Financing Sources</b>	<b>100,000</b>	<b>200,000</b>	<b>50,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Asphalt Preservation - Overlay</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	74 Roads
<b>Project Number</b>	74-0043
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	41

**Project Details**

**Project Description**

Restorative and Rehabilitative Construction - As part of the City's Annual Renewal and Replacement Program this project is to address pavement deficiencies. High-risk deficiencies on ancillary right of-way assets such as curb and gutter and sidewalk are also addressed, where appropriate. This program is commonly referred to as the overlay. Various locations - see attached list for 2024 Candidates. Class D Estimate.

The Asphalt Preservation program aims to sustain the current level of service and protect the City's road infrastructure from premature deterioration and will enable the maximum lifetime of the road structure to be achieved. The new riding surface will benefit those who travel the streets. This assists in prolonging the life of the roadway and it promotes a safe driving and walking experience for residents.

Completion of construction is expected Q4 2024  
Warranty period for construction deficiencies until Q4 2026

This program, also known as the overlay, selects candidates based on various factors: condition, need for replacement or upgrade of City Services, performance, coordinating infrastructure needs, growth and development, traffic volumes, maintenance demands, complaints, risk, and reducing costs.

**Justification**

The City's Asset Management Plan will inform service levels. Failure to financially invest an amount to maintain the desired condition benchmark or to account for the growth in the network will lead to premature failure of the roads and more expensive and intrusive treatments such as road reconstruction.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	1,800,000	93,053,000	59,562,000
<b>Total Financing Sources</b>	<b>1,800,000</b>	<b>93,053,000</b>	<b>59,562,000</b>

# City of Oshawa

## 2024 Asphalt Preservation - Overlay Candidates Listing

### Project 74-0043 - Asphalt Preservation - Overlay

Location	Ward	From	To
Bessborough Dr	2	Jones Ave	Bessborough Dr
Bessborough Dr	2	Bessborough Dr	Glenwood Ave
Bessborough Dr	2	Glenwood Ave	Winona Ave
Bessborough Dr	2	Bessborough Dr	Glenwood Cres
Hortop St	2	Jones Ave	Glenwood Ave
Hortop St	2	Glenwood Ave	Switzer Dr
Jones Ave	2	Bessborough Dr	Somerville St
Jones Ave	2	Somerville Ave	Osler St
Jones Ave	2	Osler St	Law St
Jones Ave	2	Law St	Hortop St
Jones Ave	2	Hortop St	Carnegie Ave
Jones Ave	2	Carnegie Ave	Simcoe St N
Law St	2	Jones Ave	Glenwood Ave
Law St	2	Glenwood Ave	Switzer Dr
Switzer Dr	2	Somerville Ave	Law St
Switzer Dr	2	Law St	Hortop St
Switzer Dr	2	Hortop St	Simcoe St N

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Asphalt Preservation - Crack Seal</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	74 Roads
<b>Project Number</b>	74-0056
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	19

**Project Details**

**Project Description**

Preventative Treatment - As part of the City's Annual Maintenance program this project is to address cracks on the road's surface, Crack Sealing involves placing an asphalt emulsion into the crack and across the immediate surface. This treatment prolongs the road's lifecycle.

2024 will be year three of a three year multi-year contract. Multi-year contracts can serve as an instrument to improve budget stability by hedging against inflation and market forces that can cause the costs of products and construction materials to increase each year.

Completion of construction is expected Q3 2024.

The attached list of candidates are to be considered after the spring thaw. The number of candidates addressed will be based on actual length of cracks determined in the spring. Candidates are selected based on age and condition assessment. Not all candidates may be addressed. Additional candidates not identified on the current candidate list may be added by staff based on site observation, rate of deterioration/crack propagation, and safety concerns.

**Justification**

When performed at the appropriate time, crack sealing can mitigate initial pavement cracking from spreading into deeper and wider road defects saving the City from having to commit financially to other costly road treatments.

Crack Sealing is a vital treatment in a pavement preservation plan. Performing this treatment will show the City is committed to a pavement preservation policy, which translates to financially responsible decision making for managing the road network.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Operations Reserve	135,000	0	0
Tax Levy Contribute to Capital	0	540,000	675,000
<b>Total Financing Sources</b>	<b>135,000</b>	<b>540,000</b>	<b>675,000</b>

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Albany St	5	Simcoe St S	Albert St	1
Aldsworth Cres	3	Cronk Ct	Kettering Dr	1
Aldsworth Cres	3	Kettering Dr	Cronk Ct	1
Annis St	5	Margaret St	Gifford St	1
Annis St	5	Gifford St	Rowena St	1
Annis St	5	Rowena St	Douglas St	1
Annis St	5	Douglas St	Daniel St	1
Annis St	5	Daniel St	East Limit	1
Attersley Dr	3	Cobblehill Dr	Lavis St	1
Attersley Dr	3	Storie Ave	Elderberry Dr	1
Attersley Dr	3	Elderberry Dr	Strawberry Ct	1
Attersley Dr	3	Strawberry Ct	Crowells St/Trailridge Cres	1
Attersley Dr	3	Crowells St/Trailridge Cres	Cobblehill Dr/Trailridge Cres	1
Attersley Dr	3	Cobblehill Dr/Trailridge Cres	Wilson Rd N	1
Baldwin Ct	3	South Limit	Hoskin Ave	1
Banting Ave	4	Albert St	Court St	1
Basswood Ave	3	Lorindale Dr	Keewatin St S	1
Basswood Ct	3	Keewatin St S	East Limit	1
Brenda Ct	5	Dianne Dr	North Limit	1
Bruce St	4	Simcoe St S	Celina St	1
Bruce St	4	Celina St	Albert St	1
Bruce St	4	Albert St	Court St	1
Bruce St	4	Court St	Charles St	1
Cadillac Ave S	4	Eulalie Ave	Gliddon Ave	1
Cadillac Ave S	4	Gliddon Ave	Athol St E	1
Capri Ct	3	Harmony Rd S	North Limit	1
Carnation Ct	3	West Limit	Florell Dr	1
Cedar St	5	Balsam Cres	Balsam Cres	1
Cedar St	5	Balsam Cres	Chaleur Ave	1
Central Park Blvd S	5	183 M S Of Olive Ave	Crerar Ave	1
Central Park Blvd S	5	Crerar Ave	Olive Ave	1
Central Park Blvd S	4	Olive Ave	Vimy Ave	1
Central Park Blvd S	4	Vimy Ave	Eulalie Ave	1
Central Park Blvd S	4	Eulalie Ave	Gliddon Ave	1
Central Park Blvd S	4	Gliddon Ave	Athol St E	1
Chadburn St	4	Vimy Ave/Chadburn Ct	Eulalie Ave	1
Chadburn St	4	Eulalie Ave	Gliddon Ave	1
Chadburn St	4	Gliddon Ave	Bruce St	1
Chadburn St	4	Bruce St	Arthur St	1

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Chadburn St	4	Arthur St	Athol St E	1
Chevrolet St	2	Sunset Dr	Sherwood Ave	1
Clarke St	4	Stacey Ave	Eulalie Ave	1
Clearbrook Dr	1	Fetchison Dr	Wrenwood Dr	1
Cocklin Cres	1	Woodstream Ave	Woodstream Ave	1
Crerar Ave	5	Central Park Blvd S	Lasalle Ave	1
Crerar Ave	5	Lasalle Ave	Cadillac Ave S	1
Crerar Ave	5	Cadillac Ave S	Highland Ave	1
Crerar Ave	5	Highland Ave	Wilson Rd S	1
Cromwell Ave	4	Frontenac Ave	Elmgrove Ave	1
Cubert St	5	Johnson Ave	Mill St	1
Dean Ave	5	Tennyson Ave	Farewell St	1
Dean Ave	5	Farewell St	Carlyle Ct	1
Dean Ave	5	Carlyle Ct	Whitman Cres	1
Dean Ave	5	Whitman Cres	245 M E Of Whitman Cres	1
Denise Dr	5	Dianne Dr	Karen Ct	1
Denise Dr	5	Karen Ct	Karen Ct	1
Denise Dr	5	Karen Ct	Keewatin St S	1
Denise Dr	5	Keewatin St S	Dianne Dr	1
Dianne Dr	3	Olive Ave	Ronlea Ave	1
Dianne Dr	5	Ronlea Ave	Denise Dr	1
Douglas St	5	Conant St	Annis St	1
Drake St	5	Raleigh Ave	259 M N Of Raleigh Ave	1
Drew St	4	Banting Ave	Stacey Ave	1
Elm St	4	Simcoe St S	Celina St	1
Emerald Ave	5	Oxford St	Paul St	1
Emerald Ave	5	Paul St	Cedar St	1
Esterbrook Dr	1	Grandview St N	Harlstone Cres	1
Esterbrook Dr	1	Kenmark Ave	Harlstone Cres	1
Eulalie Ave	4	Huron St	Clarke St	1
Eulalie Ave	4	Clarke St	Ritson Rd S	1
Farewell St	5	Emerson Ct	Tennyson Ave	1
Farewell St	3	207 M S Of Olive Ave	Olive Ave	1
Fleming Ct	5	South Limit	Renaissance Dr	1
Florell Dr	5	Olive Ave	Carnation Ct	1
Florell Dr	3	Carnation Ct	Walnut Ct	1
Florell Dr	3	Walnut Ct	Harmony Rd S	1
Fourth Ave	5	Bloor St E	East Limit	1
Front St	5	Second Ave	First Ave	1
Front St	5	First Ave	Albany St	1



## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Fundy Ct	5	Phillip Murray Ave	55 M N Of Phillip Murray Ave	1
Fundy St	5	Quetico Ave	Georgian Ct	1
Glenwood Ave	2	Somerville St	Law St	1
Gliddon Ave	4	Wilson Rd S	Windsor St	1
Gliddon Ave	3	Windsor St	Baldwin St	1
Grandview St N	1	Esterbrook Dr	Graham Clapp Ave	1
Greenhill Ave	1	Clearbrook Dr	Jack Glenn St	1
Guelph St	3	Olive Ave	Taylor Ave	1
Harlstone Cres	1	Esterbrook Dr	Wallig Ave	1
Harlstone Cres	1	Wallig Ave	Kenmark Ave	1
Harlstone Cres	1	Kenmark Ave	Esterbrook Dr	1
Highland Ave	5	Crerar Ave	Olive Ave	1
Hinterland Ct	3	Swiss Height	East Limit Of Court	1
Ivy Ct	3	Martindale St	East Limit	1
Karen Ct	5	Denise Dr	Denise Dr	1
Keewatin St S	5	Denise Dr	Ronlea Ave	1
Kenmark Ave	1	Harlstone Cres	Esterbrook Dr	1
King St E	3	Harmony Rd N	Melrose St	1
King St E	3	Melrose St	Keewatin St N	1
Langford St	3	Cotswold Ct	Langford St	1
Lasalle Ave	4	Eulalie Ave	Gliddon Ave	1
Lasalle Ave	4	Gliddon Ave	Athol St E	1
Lorindale Dr	3	Basswood Ave	Willowdale Ave	1
Lviv Blvd	5	Simcoe St S	Albert St	1
Lviv Blvd	5	Albert St	Front St	1
Martindale St	3	Willowdale Ave	Ivy Ct	1
Martindale St	3	Ivy Ct	Oakdale Dr	1
Martindale St	3	Oakdale Dr	Queensdale Ave	1
Mayberry St	1	Coldstream Dr	Spencely Dr	1
Mccabe Ct	1	West Limit	Ballantrae Dr	1
Mccue Dr	1	Rennie St	East Limit	1
Mitchell Ave	5	Ritson Rd S	Oshawa Blvd S	1
Mitchell Ave	5	Oshawa Blvd S	Verdun Rd	1
Mitchell Ave	5	Verdun Rd	140 M E Of Verdun Rd	1
Montrave Ave	5	56 M S Of College Ave	College Ave	1
Montrave Ave	5	College Ave	Cloverleaf Leg	1
Montrave Ave	4	Gibb St	Frontenac Ave	1
Montrave Ave	4	Elmgrove Ave	Pine Ave	1
Nassau St	4	Gibb St	Elliott St	1
Nassau St	4	Elliott St	John St W	1

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Noel Ct	5	Renaissance Dr	North Limit	1
Oakdale Dr	3	Martindale St	Queensdale Ave	1
Ohara Ct	5	South Limit	Renaissance Dr	1
Oriole Ct	3	Applegrove Ave	North Limit	1
Paul St	5	Phillip Murray Ave	Emerald Ave	1
Phillip Murray Ave	5	Evangeline Dr	Cedar St	1
Pine Ave	4	Cromwell Ave	Montrave Ave	1
Porter St	5	Glen St	Renfrew Ct	1
Queensbury Dr	1	Queensbury Dr	Queensbury Dr	1
Ravine Rd	5	Thomas St	Sandra St W	1
Renaissance Dr	5	Mayport Dr	Beaverbrook Ct	1
Rennie St	1	Mccue Dr	Missom Gate	1
Rennie St	1	Missom Gate	Schooling Dr	1
Ronlea Ave	5	35 M S Of Dianne Dr	Dianne Dr	1
Ronlea Ave	5	Carolyn Ave	Keewatin St S	1
Samac Ct	2	South Limit	Samac Trail/Walreg Dr	1
Samac Trail	2	Samac Ct/Walreg Dr	Walreg Dr	1
Schooling Dr	1	Rennie St	Missom Gate	1
Scugog Ave	5	Wecker Dr	Valley Dr	1
Seneca Ave	2	Patton St	Manitou Dr	1
Sharbot St	5	Chaleur Ave	Phillip Murray Ave	1
Sharbot St	5	Phillip Murray Ave	Wecker Dr	1
Sharbot St	5	Wecker Dr	Valley Dr	1
Shelburne St	1	Silverstone Cres	Silverstone Cres	1
Silverstone Cres	1	Shelburne St	Shelburne St	1
Silverstone Cres	1	Shelburne St	Ormond Dr	1
Simcoe St S	5	Erie St	Cedar St/Knights Rd	1
Spencely Dr	1	Ballantrae Dr/Spencely Ct	Mayberry St	1
Spencely Dr	1	Mayberry St	Yardley St	1
Spencely Dr	1	Yardley St	Salmers Dr	1
Springdale Cres	3	Keewatin St S	Keewatin St S	1
St Eloi Ave	4	Ritson Rd S	Oshawa Blvd S	1
Stevenson Rd S	5	Renaissance Dr	Phillip Murray Ave	1
Susan Ct	5	Dianne Dr	North Limit	1
Sylvia St	5	Conant St	49 M N Of Conant St	1
Tennyson Ct	5	Harmony Rd S	North Limit	1
Thornton Rd S	5	Phillip Murray Ave	Terwillegar Ave	1
Thornton Rd S	5	Terwillegar Ave	Skae Dr	1
Verdun Rd	5	104 M S Of Mitchell	Mitchell Ave	1
Verdun Rd	4	Olive Ave	Vimy Ave	1
Vimy Ave	4	Central Park Blvd S	Lasalle Ave	1

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Vimy Ave	4	Highland Ave	Wilson Rd S	1
Walnut Ct	3	Florell Dr	North Limit	1
Westmount St	4	Elmgrove Ave	Pine Ave	1
Westmount St	4	Pine Ave	King St W	1
Willowdale Ave	3	Martindale St	Lorindale Dr	1
Willowdale Ave	3	Lorindale Dr	Melrose St	1
Willowdale Ave	3	Melrose St	Oriole St	1
Willowdale Ave	3	Oriole St	Keewatin St S	1
Wilson Rd N	1	Coldstream Dr	Greenhill Ave	1
Wilson Rd N	1	Greenhill Ave	Heathrow Path	1
Windsor St	3	Taylor Ave	Hoskin Ave	1
Windsor St	3	Hoskin Ave	Gliddon Ave	1
Wolfe St	5	Ritson Rd S	Sylvia St	1
Woodstream Ave	1	Grandview St N	Queensbury Dr	1
Woodstream Ave	1	Queensbury Dr	Cocklin Cres	1
Woodstream Ave	1	Cocklin Cres	Esterbrook Dr	1
Yardley St	1	Spencely Dr	Salmers Dr	1
Albert St	5	Fisher St	Olive Ave	2
Avenue St	5	110 M W Of Centre St	Centre St S	2
Avenue St	5	Centre St S	Simcoe St S	2
Beneford Rd	3	Fleetwood Dr	Beneford Rd	2
Birkdale Ct	5	South Limit	Sunningdale Ave	2
Birkdale St	5	Sunningdale Ave	Pinehurst Ave	2
Birkdale St	5	Pinehurst Ave	Cherrydown Dr/Sunnybrae Cres	2
Central Park Blvd N	3	Highgate Ave	Exeter St	2
Centre St S	5	30 M S Of Avenue St	Royal St	2
Centre St S	5	Royal St	Fairbanks St	2
Centre St S	5	Fairbanks St	Fairbanks St	2
Charrington Ave	3	Whitehall Ct	Downing Ct	2
Charrington Ave	3	Downing Ct	Paddington Cres	2
Charrington Ave	3	Paddington Cres	Old Pye Ct	2
Cotswold Ct	3	West Limit	Langford St	2
Cromwell Ave	5	Pacific Ave	64 M N Of Pacific	2
Donegal Ave	4	Limerick St	Belfast Ct	2
Donegal Ave	4	Belfast Ct	Galway Ct	2
Donegal Ave	4	Galway Ct	Thornton Rd S	2
Eagle Ridge Dr	1	Red Deer Ave	Eagle Ridge Dr	2
Fleetwood Dr	3	Margate Dr	Beneford Rd	2
Fleetwood Dr	3	Drinkle Cres	Drinkle Cres	2
Frank St	5	Robson St	Simcoe St S	2

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Glenwood Ave	2	Bessborough Dr	Bessborough Dr	2
Glenwood Ave	2	Bessborough Dr	Somerville St	2
Glenwood Ave	2	Law St	Hortop St	2
Gothic Dr	3	Greenbriar Dr/Gothic Ct	Hillcroft St	2
Harmony Rd N	1	1131M North Of Winchester Rd E	Columbus Rd E	2
Knights Rd	5	73 M W Of Cedar St	Cedar St	2
Langford St	3	Langford St	Cotswold Ct	2
Langford St	3	Langford St	Oldman Rd	2
Langford St	3	Oldman Rd	Shaftsbury St	2
Laval St	5	Laval Ct	Dorchester Dr	2
Lichen Cres	4	Castlegrove Ave/Lichen Ct	Sagebrush St	2
Lichen Cres	4	Sagebrush St	Adele Cres	2
Lichen Cres	4	Adele Cres	Sagebrush St/Overbank Dr	2
Lichen Ct	4	South Limit	Castlegrove Ave/Lichen Cres	2
Meadow St	2	Kedron St	East Limit	2
Minsky Gate	2	Minsky Pl	Secretariat Ave	2
Minsky Pl	2	Minsky Gate	Minsky Gate	2
Muirfield St	5	Sunningdale Ave	Pinehurst Ave	2
Muirfield St	5	Pinehurst Ave	Cherrydown Dr/Sunnybrae Cres	2
Oldman Rd	3	Langford St	Shaftsbury St	2
Oldman Rd	3	Shaftsbury St	Beneford Rd	2
Overbank Dr	4	Castlegrove Ave	Castlegrove Ave	2
Overbank Dr	4	Castlegrove Ave	Sagebrush St/Lichen Cres	2
Phillip Murray Ave	5	Boundary Rd	Thornton Rd S	2
Phillip Murray Ave	5	Thornton Rd S	Skae Dr	2
Phillip Murray Ave	5	Skae Dr	Stevenson Rd S	2
Pinehurst Ave	5	Muirfield St	Birkdale St	2
Preston Dr	4	Talara St	Tarn Ct	2
Riverside Dr S	3	Palace St	King St E	2
Royal St	5	129 M W Of Centre St	Centre St S	2
Royal St	5	Centre St S	Simcoe St S	2
Sagebrush St	4	Lichen Cres	Lichen Cres/Overbank Dr	2
Sagebrush St	4	Lichen Cres/Overbank Dr	Adelaide Ave W	2
Salmers Dr	1	Grandview St N	Spencely Dr	2
Salmers Dr	1	Spencely Dr	Yardley St	2
Salmers Dr	1	Yardley St	Ballantrae Dr	2
Secretariat Pl	2	Secretariat Pl	Secretariat Pl	2

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Secretariat PI	2	Secretariat PI	Woodbine Ave/Woodbine PI	2
Shaftsbury St	3	Langford St	Oldman Rd	2
Sunningdale Ave	5	Capilano Cres	Muirfield St	2
Sunningdale Ave	5	Muirfield St	Birkdale St	2
Sunnybrae Cres	5	Cherrydown Dr/Muirfield St	Cherrydown Dr/Birkdale St	2
Talara St	4	Tatra Dr	Preston Dr	2
Trick Ave	4	120 M S Of Hillcroft St	Hillcroft St	2
Woodbine Ave	2	Secretariat Ave/Secretariat PI	Woodbine Ave/Woodbine PI	2
Woodbine PI	2	Secretariat Ave/Woodbine Ave	Woodbine PI	2
Woodbine PI	2	Woodbine PI	Woodbine PI	2
Adele Cres	4	Castlegrove Ave	Lichen Cres	3
Albert St	5	Fisher St	Olive Ave	3
Anderson Ave	4	Nipigon St	Rideau St	3
Anderson Ave	4	Rideau St	Park Rd N	3
Athabasca St	3	Olive Ave	Labrador Dr	3
Athabasca St	3	Labrador Dr	Sutton Ave	3
Beatrice St E	3	Ritson Rd N	Trowbridge Dr	3
Beatrice St E	3	Central Park Blvd N	Trowbridge Dr	3
Beatrice St E	3	Trowbridge Dr	Wilson Rd N	3
Beatrice St E	3	Wilson Rd N	Greenlane Dr	3
Beatrice St E	3	Greenlane Dr	Elderberry Dr	3
Buena Vista Ave	4	Gibbons St	Park Rd N	3
Cavan Ct	4	Castlebar Cres	East Limit	3
Celina St	4	Emma St	Ash St	3
Celina St	4	Ash St	John St E	3
Clearbrook Dr	1	Taunton Rd E	Mccue Dr	3
Clearbrook Dr	1	Mccue Dr	Blackwood Blvd	3
Colborne St E	4	Mary St N	Division St	3
College Ave	5	Park Rd S	Cubert St	3
Conant St	5	Gordon St	Gifford St	3
Connery Cres	5	Renaissance Dr	Renaissance Dr	3
Delmark Ct	5	Down Cres	East Limit	3
Derry Ct	5	West Limit	Tipperary St/Shamrock Ct	3
Edward Ave	5	Drew St	East Limit	3
Esterbrook Dr	1	Harlstone Cres	Wallig Ave	3
Fenelon Cres	5	Park Rd S	Park Rd S	3
Fernhill Blvd	4	Bond St W	Creighton Ave	3
Fernhill Blvd	4	Creighton Ave	Llewellyn Ave	3

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Fleetwood Dr	3	Lemans Ave	Corsica Ave	3
Frontenac Ave	4	Cromwell Ave	Montrave Ave	3
Gibb St	4/5	West City Limits	Limerick St	3
Gibb St	4/5	Limerick St	Tipperary St	3
Gibb St	4/5	Tipperary St	Thornton Rd S	3
Glen St	5	Wentworth St W	Porter St	3
Glen St	5	Porter St	Medina Ct	3
Graburn Ave	5	Drew St	204 M E Of Drew St	3
Grandview Dr	5	Southdown St	Norman Cres	3
Grandview Dr	5	Norman Cres	Downview Cres	3
Grandview Dr	5	Wesley Dr	Downview Cres	3
Grandview Dr	5	Downview Cres	Bloor St E	3
Harris Ave	4	Bond St W	Creighton Ave	3
Hillcrest Dr	5	Sterling Ave	Dieppe Ave	3
Hillcrest Dr	5	Dieppe Ave	Dean Ave	3
Iris Ct	2	Sycamore Cres	North Limit	3
James St	4	Banting Ave	Stacey Ave	3
Jones Ave	2	Bessborough Dr	Somerville St	3
Keates Ave	5	Farewell St	Milton St	3
Mclaughlin Blvd	4	Hortop St	Carnegie Ave	3
Mclaughlin Blvd	4	Carnegie Ave	Simcoe St N	3
Mill St	5	Cubert St	Oxford St	3
Mill St	5	Oxford St	Capreol Ct	3
Milton St	5	Chesterton Ave	Keates Ave	3
Mitchell Ave	5	91 M W Of Drew St	Drew St	3
Nipigon St	4	Anderson Ave	Elgin Ct	3
Ormond Dr	1	Ritson Rd N	Palmetto Dr	3
Ormond Dr	1	Everglades Dr	Kingsfield Ave	3
Ormond Dr	1	Fieldgate Dr	Whitestone Dr	3
Ormond Dr	1	Whitestone Dr	Blythwood Square	3
Phillip Murray Ave	5	Park Rd S	Lakefield Ct/Lakefield St	3
Phillip Murray Ave	5	Lakefield Ct/Lakefield St	Tremblay St	3
Phillip Murray Ave	5	Tremblay St	Oxford St	3
Phillip Murray Ave	5	Oxford St	Paul St	3
Phillip Murray Ave	5	Paul St	Evangeline Dr	3
Renaissance Dr	5	Stevenson Rd S	Ohara Ct/Noel Ct	3
Renaissance Dr	5	Ohara Ct/Noel Ct	Fleming Ct	3
Renaissance Dr	5	Fleming Ct	Connery Cres	3
Renaissance Dr	5	Connery Cres	Connery Cres	3
Rowena St	5	Wolfe St	Conant St	3
Rowena St	5	Conant St	Annis St	3

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Saguenay Ave	4	92 M W Of Rideau St	Rideau St	3
Saguenay Ave	4	Rideau St	Park Rd N	3
Sandra St W	5	Ravine Rd	Simcoe St S	3
Shamrock Ct	5	Tipperary St/Derry Ct	North Limit	3
Somerville Ave	4	Mclaughlin Blvd	Rossland Rd W	3
Somerville St	2	Jones Ave	Glenwood Ave	3
Sterling Ave	5	Hillcrest Dr	175 M E Of Hillcrest Dr	3
Thomas St	5	Ravine Rd	Simcoe St S	3
Tilbury St	5	Cottingham Cres	Cottingham Cres	3
Tilbury St	5	Cottingham Cres	Waterloo St	3
Townline Rd S	5	Southport Dr	Southgate Dr	3
Trowbridge Ct	3	South Limit	Beatrice St E	3
Verdun Rd	5	Mitchell Ave	Olive Ave	3
Wallig Ave	1	Harlstone Cres	Esterbrook Dr	3
Wilkinson Ave	4	Albert St	Court St	3
Winona Ave	2	Glenwood Cres	Glenwood Ct	3
Winona Ave	2	Glenwood Ct	Bessborough Dr	3
Winona Ave	2	Bessborough Dr	Somerville St	3
Beatrice St E	2	Simcoe St N	Mary St N	4
Beatrice St E	2	Mary St N	Marica Ave	4
Beatrice St E	2	Marica Ave	Sycamore Cres-E Leg	4
Beatrice St E	2	Sycamore Cres-E Leg	Sycamore Cres-W Leg	4
Birchview Dr	1	Birchview Dr	Birchview Dr	4
Birchview Dr	1	Birchview Dr	Ormond Dr	4
Camelot Dr	3	Merlin Ct	Percival Ct	4
Camelot Dr	3	Percival Ct	Lancelot Cres	4
Camelot Dr	3	Lancelot Cres	Lancelot Cres	4
Camelot Dr	3	Lancelot Cres	Galahad Dr	4
Camelot Dr	3	Galahad Dr	Rossland Rd E	4
Clearbrook Dr	1	Red Deer Ave	Greenhill Ave	4
Coldstream Dr	1	Pennel Dr	Frolis St	4
Cooper Ct	4	Sorrento Ave	North Limit	4
Cubert St	5	Tresane St	Hibbert Ave	4
Cubert St	5	Hibbert Ave	Sinclair Ave	4
Eagle Ridge Dr	1	Eagle Ridge Dr	Greenhill Ave	4
Elizabeth St	4	Ridgeway Ave	Dundee Ave	4
Fairglen Ave	2	Stevenson Rd N	Ferndale St	4
Ferndale St	2	Ross Ave	Fairglen Ave	4
Fernhill Blvd	4	Llewellyn Ave	Madison Ave	4
Gibbons St	4	Buena Vista Ave	Creighton Ave	4
Gibbons St	4	Llewellyn Ave	Madison Ave	4

## City of Oshawa

### 2024 Asphalt Preservation (Crack Seal) Candidates Listing

#### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Gibbons St	4	Annapolis Ave	Marion Ave	4
Glenbourne Dr	3	Glaspell Cres/Gyatt Cres	Whitelaw Ave	4
Glenbourne Dr	3	Whitelaw Ave	Meath Dr	4
Glenbourne Dr	3	Meath Dr	101M N Of Meath Dr	4
Gliddon Ave	4	Ritson Rd S	Rowe St	4
Grand Ridge Ave	3	Oberland Dr	Swiss Height	4
Grand Ridge Ave	3	Oberland Dr	Swiss Height	4
Greenhill Ave	1	Ormond Dr	Rockcreek Dr	4
Greenhill Ave	1	Rockcreek Dr	Wilson Rd N	4
Greenhill Ave	1	Wilson Rd N	Eagle Ridge Dr	4
Greenhill Ave	1	Eagle Ridge Dr	Rockaway St	4
Greenhill Ave	1	Rockaway St	Quail Run Dr	4
Greenhill Ave	1	Quail Run Dr	Chilliwack St	4
Greenhill Ave	1	Chilliwack St	Clearbrook Dr	4
Hibbert Ave	5	Cubert St	108 M E Of Cubert St	4
Hillcroft St	4	Jarvis St	Trick Ave	4
Hillcroft St	4	Trick Ave	Adeline Ave	4
Hillcroft St	4	Adeline Ave	Ritson Rd N	4
Kilkenny Ct	4	Castlebar Cres	East Limit	4
Lancelot Cres	3	Camelot Dr	Camelot Dr	4
Malan Ave	4	Stevenson Rd N	Finucane St	4
Marion Ave	4	Gibbons St	Fairlawn St	4
Marion Ave	4	Nipigon St	Park Rd N	4
Masson St	4	Connaught St	Hillcroft St	4
Meath Dr	3	Whitelaw Ave	Glenbourne Dr	4
Merlin Ct	3	Camelot Dr	East Limit	4
Nipigon St	4	Annapolis Ave	Walmer Rd	4
Nipigon St	4	Walmer Rd	Admiral Rd	4
Nipigon St	4	Admiral Rd	Marion Ave	4
Northfield Ave	1	Luple Ave	Luple Ave	4
Northmount St	2	Northgate Cres	Northminster Ct	4
Old Harmony Ct	3	Harmony Rd S	46 M E Of Harmony Rd S	4
Ormond Dr	1	Coldstream Dr	Silverstone Cres	4
Ormond Dr	1	Silverstone Cres	Askew Ct	4
Ormond Dr	1	Askew Ct	Silverstone Cres	4
Ormond Dr	1	Silverstone Cres	Greenhill Ave	4
Ormond Dr	1	Greenhill Ave	Birchview Dr	4
Oshawa Blvd S	4	Eulalie Ave	Gliddon Ave	4
Park Rd S	5	55 M S Of College Ave	College Ave	4
Park Rd S	5	College Ave	Johnson Ave	4
Park Rd S	5	Johnson Ave	Hillside Ave	4



# City of Oshawa

## 2024 Asphalt Preservation (Crack Seal) Candidates Listing

### Project 74-0056 - Asphalt Preservation - Crack Seal

Location	Ward	From	To	Priority
Pennel Dr	1	Cordick St	Rorison St	4
Percival Ct	3	Camelot Dr	East Limit	4
Quail Run Dr	1	Red Deer Ave	Greenhill Ave	4
Quail Run Dr	1	Greenhill Ave	Rockaway St	4
Red Deer Ave	1	Eagle Ridge Dr	Rockaway St	4
Red Deer Ave	1	Rockaway St	Quail Run Dr	4
Red Deer Ave	1	Quail Run Dr	Chilliwack St	4
Red Deer Ave	1	Chilliwack St	Clearbrook Dr	4
Ridgeway Ave	4	57 M W Of Elizabeth St	Elizabeth St	4
Rockaway St	1	Red Deer Ave	Greenhill Ave	4
Rockaway St	1	Greenhill Ave	Quail Run Dr	4
Rockcreek Dr	1	Greenhill Ave	Rockcreek Dr	4
Rockcreek Dr	1	Rockcreek Dr	Rockcreek Dr	4
Rosehill Blvd	4	Creighton Ave	Llewellyn Ave	4
Roundelay Dr	4	Thornton Rd N	Salerno St	4
Sinclair Ave	5	West Limit	Cubert St	4
Somerville St	2	Beatrice St W	Byng Ave	4
Somerville St	2	Byng Ave	Tecumseh Ave	4
Somerville St	2	Tecumseh Ave	Orchard View Blvd	4
Somerville St	2	Orchard View Blvd	Wayne Ave	4
Somerville St	2	Wayne Ave	Russett Ave	4
Swiss Height	3	Oberland Dr	Grand Ridge Ave	4
Swiss Height	3	Grand Ridge Ave	Hinterland Dr	4
Sycamore Cres	2	Iris Ct	Trillium Ct/Sycamore Cres	4
Sycamore Cres	2	Trillium Ct/Sycamore Cres	Beatrice St E	4
Thornton Rd N	2	Taunton Rd W	Conlin Rd W	4
Trillium Ct	2	Sycamore Cres	East Limit	4

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Neighbourhood Traffic Management Projects</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	74 Roads
<b>Project Number</b>	74-0089
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	18

**Project Details**

**Project Description**

Traffic management is needed to improve safety for motorists and pedestrians. This funding allows staff to respond and implement traffic calming measures as issues arise and there is sufficient community support for the work to proceed.

**Justification**

The City has developed a Traffic Management Guide that helps staff work with residential communities to develop a plan to address traffic related issues like speeding and infiltration.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	50,000	200,000	200,000
<b>Total Financing Sources</b>	<b>50,000</b>	<b>200,000</b>	<b>200,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Road Restoration - Surface Treatment</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	74 Roads
<b>Project Number</b>	74-0115
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	41

**Project Details**

**Project Description**

This program is part of the City's Annual Renewal and Replacement Program. The scope includes, but is not limited to, the restoration of northern roads via Low Class Bituminous (L.C.B.) known as surface treatment. Various locations - see attached list for 2024 Candidates.

An efficient, well-performing road system is an important factor in the overall economic health and quality of life of the community. Consequently, it is important to undertake activities and improvements, such as road restoration, which are required to protect this important asset and mitigate risks. This project will reinforce the City's commitment to maintaining an efficient and well-performing road system.

Completion of construction is expected Q3 2024  
Warranty period for construction deficiencies until Q3 2026

The selection of candidates is based on several factors including, but not limited to, condition, requirement for replacement, performance, growth and development, traffic volumes, maintenance demands and complaints, risk, and reducing whole life cost.

**Justification**

The City's Asset Management Plan will inform service levels. Restoration is needed to address deficiencies in the proposed roads. Failure to financially invest an amount to maintain the desired condition benchmark or to account for the growth in the network will lead to premature failure of the roads and more expensive and intrusive treatments such as road reconstruction.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	800,000	1,927,000	0
<b>Total Financing Sources</b>	<b>800,000</b>	<b>1,927,000</b>	<b>0</b>

## City of Oshawa

### 2024 Road Restoration - Surface Treatment

#### Project 74-0115 - Road Restoration - Surface Treatment

Location	Ward	From	To
Birchcliffe Ave	5	Muskoka Ave	Guy Ave
Birchcliffe Ave	5	Guy Ave	35m N of Guy Ave
Grandview St N	1	Columbus Rd E	602m N of Columbus Rd E
Grandview St N	1	Howden Rd E	1265m N of Howden Rd E
Grandview St N	1	413m S of Howden Rd E	Howden Rd E
Kluane Ave	5	Birchcliffe / Muskoka	217m N of Birchcliffe / Muskoka
Muskoka Ave	5	West Limit	Birchcliffe Ave/Kluane Ave
Stevenson Rd N	1	Raglan Rd W	616m N of Raglan Rd W
Stevenson Rd N	1	616m N of Raglan Rd W	Coates Rd W
Winchester Rd E	1	Grandview St N	Townline Rd N

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Two-Way Street Conversion</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	74 Roads
<b>Project Number</b>	74-0157
<b>Project Location</b>	Albert/Celina and Brock/Colborne
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	28

**Project Details**

**Project Description**

Design Phase - This project is to provide the detailed design for the one-way to two-way conversion of Albert Street, Celina Street, Brock Street, and Colborne Street as directed by Council.

Completion of detailed design is expected Q4 2025.

Council approved \$250,000 funding in the 2023 Capital Budget for the Study Phase.

**Justification**

Report DS-22-120, Final Study Report for the One-Way to Two-Way Conversion Feasibility Study for Albert Street, Celina Street, Brock Street East, and Colborne Street was presented to Council and the recommendations were approved.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Infrastructure	100,000	0	0
<b>Total Financing Sources</b>	<b>100,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Horizontal Control Monuments</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	75 Sidewalks
<b>Project Number</b>	75-0117
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	30

**Project Details**

**Project Description**

This project is to contract an Ontario Land Surveyor to install survey control monuments to expand the City's network of Geodetic Survey Control Monuments. Through this project, a small amount of previously destroyed monuments will also be replaced. The monuments installed through this project are then available for surveyors to use through an online portal managed by the Ministry of Natural Resources and Forestry.

**Justification**

Survey monuments are an important part of the engineering design process and allow both City staff and external consultants to work efficiently on civil engineering projects within the City.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	4,000	16,000	16,000
Transportation Roads DC	31,000	124,000	124,000
Operations Reserve	10,000	0	0
Tax Levy Contribute to Capital	0	40,000	40,000
<b>Total Financing Sources</b>	<b>45,000</b>	<b>180,000</b>	<b>180,000</b>

# City of Oshawa

## 2024 Proposed Horizontal Control Monument Location Listing

### Project 75-0117 - Horizontal Control Monuments

Location	Ward
Windfields Farm Drive West at Bandsman Crescent/ Stallion Drive	2
Windfields Farm Drive West Opposite House #300	2
Windfields Farm Drive West and Cosgrove Drive	2
Windfields Farm Drive East approximately 400m East of Simcoe Street North	2
Windfields Farm Drive East and Bridle Road	2
Ritson Road approximately 150m South of Winchester Road East	1/2
Ritson Road approximately 300m South of Given Road	1/2
Ritson Road approximately 300m North of Britannia Avenue	1/2
Ritson Road approximately 250m North of Conlin Road East	1/2
Townline Road South and Grandview Drive	5
Grandview Street North approximately 160m North of Olive Avenue	3
Grandview Street North approximately 320m North of Olive Avenue	3
Adelaide Avenue East approximately 70m East of Bluejay Crescent	3
Somerville Street and Glenwood Avenue	2
Grandview Street North and Forestdale Court	1
Columbus Road East approximately 350m East of Brookfield Court	1
Thornton Road North approximately 350m North of Columbus Road West	1
Thornton Road North approximately 700m North of Columbus Road West	1
Thornton Road North approximately 450m South of Howden Road West	1
Thornton Road North approximately 150m South of Howden Road West	1
Howden Road East approximately 400m East of Simcoe Street North	1
Howden Road East And Dowson Road	1
Howden Road East approximately 400m East of Dowson Road	1
Howden Road East approximately 100m West of Ritson Road North	1
Howden Road East approximately 250m East of Ritson Road North	1
Howden Road East and Wilson Road North	1
Harmony Road North approximately 450m South of Columbus Road East	1
Harmony Road North approximately 630m South of Columbus Road East	1

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Sidewalk Replacements</b>
<b>Department</b>	Economic and Development Services
<b>Subcategory</b>	75 Sidewalks
<b>Project Number</b>	75-0136
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	34

**Project Details**

**Project Description**

Construction Phase - As part of the City's Annual Renewal and Replacement Program the scope of this project is for the removal and replacement of deficient sidewalk slabs throughout the City identified through annual inspections.

Completion of construction is expected Q4 2024

Warranty period for construction deficiencies until Q4 2026

Refer to the following 2024 list of candidates.

**Justification**

Deficient sidewalks are one of the City's leading causes of liability claims against the City, resulting in unnecessary costs through trip and fall settlements. Furthermore, the maintenance of sidewalks is a Provincially Legislated maintenance activity that requires compliance.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Canada Comm-BuildingFund (FGT)	500,000	2,000,000	2,500,000
<b>Total Financing Sources</b>	<b>500,000</b>	<b>2,000,000</b>	<b>2,500,000</b>



# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m <sup>2</sup> )
Everglades Dr	1395	1	Heaved	5.4	1.3	7.02
Airport Blvd	1200	2	Heaved	1.8	1.25	2.25
Avalon Ct	2123	2	Heaved	5.4	1.3	7.02
Avalon Ct	2148	2	Multi-Cracked	3.6	1.3	4.68
Britannia Ave E	422	2	Heaved	1.8	1.5	2.7
Britannia Ave E	464	2	Multi-Cracked	1.8	1.5	2.7
Britannia Ave E	476	2	Multi-Cracked	3.6	1.5	5.4
Britannia Ave E	521	2	Settled	7.2	1.5	10.8
Canadore Cres	1643	2	Multi-Cracked	3.6	1.3	4.68
Canadore Cres	1727	2	Heaved	7.2	1.3	9.36
Carswell Ave	76	2	Heaved	5.4	1.3	7.02
Carswell Ave	76	2	Heaved	5.4	1.3	7.02
Cayuga Ave	19	2	Heaved	3.6	1.3	4.68
Cayuga Ave	23	2	Settled	5.4	1.3	7.02
Cayuga Ave	97	2	Heaved	3.6	1.3	4.68
Cayuga Ave	121	2	Heaved	5.4	1.3	7.02
Conlin Rd E	306	2	Multi-Cracked	3.6	1.3	4.68
Conlin Rd E	440	2	Multi-Cracked	5.4	1.5	8.1
Conlin Rd E	480	2	Multi-Cracked	1.8	1.5	2.7
Conlin Rd E	500	2	Settled	3.6	1.5	5.4
Conlin Rd E (East of Bridge)		2	Heaved	7.2	1.8	12.96
Conlin Rd E (NW Corner at Bridle)		2	Multi-Cracked	3.6	1.3	4.68
Conlin Rd E (Across From Walreg)		2	Multi-Cracked	1.8	1.3	2.34
Conlin Rd E (West of Bridge, S/S at Cb)		2	Multi-Cracked	1.8	1.3	2.34
Conlin Rd E (East of Walreg at Ramp)		2	Settled	10.8	1.3	14.04
Edenwood Dr	1715	2	Back Sloped	7.2	1.3	9.36
Edenwood Dr	1731	2	Back Sloped	7.2	1.3	9.36
Edenwood Dr	1843	2	Heaved	7.2	1.3	9.36
Edenwood Dr	1929	2	Heaved	7.2	1.3	9.36
Edenwood Dr	1989	2	Heaved	3.6	1.3	4.68
Erindale Cres	1657	2	Heaved	3.6	1.3	4.68
Erindale Cres	1697	2	Heaved	7.2	1.3	9.36
Fairglen Ave	662	2	Heaved By Tree	7.2	1.3	9.36
Glovers Rd		2	Multi-Cracked	1.8	1.3	2.34
Gulfstream	453	2	At Ramp To Bridle	7.2	1.5	10.8

# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m <sup>2</sup> )
Iroquois Ave	34	2	Heaved	7.2	1.3	9.36
Iroquois Ave	82	2	Heaved	1.8	1.3	2.34
Iroquois Ave	82	2	Back Sloped	5.4	1.3	7.02
Iroquois Ave	90	2	Heaved	3.6	1.3	4.68
Iroquois Ave	94	2	Heaved	9	1.3	11.7
Iroquois Ave	98	2	Back Sloped	10.8	1.3	14.04
Iroquois Ave	122	2	Heaved	5.4	1.3	7.02
Kedron St	2119	2	Multi-Cracked	3.6	1.3	4.68
Keith Ross Dr	1290	2	Multi-Cracked	5	1.5	7.5
Kentucky Derby	2395	2	Heaved	3.6	1.8	6.48
Largo Cres	1434	2	Multi-Cracked	3.6	1.3	4.68
Largo Cres	1476-1478	2	Heaved	10.8	1.3	14.04
Maine St	2030	2	Asphalt Overlay	30.6	1.5	45.9
Manitou Dr	1380	2	Heaved	7.2	1.3	9.36
Manitou Dr	1394	2	Heaved	3.6	1.3	4.68
Mary St N	100	2	Multi-Cracked	1.8	1.3	2.34
Mary St N	1347	2	Heaved	5.4	1.3	7.02
Mary St N	1381	2	Heaved	5.4	1.3	7.02
Mary St N	1400	2	Heaved	3.6	1.3	4.68
Mary St N	1355-1357	2	Heaved	7.2	1.3	9.36
Mary St N	1363-1365	2	Heaved	7.2	1.3	9.36
Mary/Nonquon Rd		2	N/E Corner at 1st	18	1.3	23.4
Mary/Nonquon Rd		2	N/E Corner at 2nd	10.8	1.3	14.04
Meadow St	475	2	Multi-Cracked	1.8	1.3	2.34
Meadow St	499	2	Multi-Cracked	1.8	1.3	2.34
Minsky Pl	2234	2	Heaved	1.8	1.3	2.34
Niagara Dr	40	2	Heaved	7.2	1.5	10.8
Niagara Dr	232	2	Heaved	10.8	1.5	16.2
Niagara Dr	303-307	2	Heaved	3.6	1.5	5.4
Norwill Cres	1526	2	Settled	5.4	1.3	7.02
Norwill Cres	1574	2	Heaved	1.8	1.3	2.34
Norwill Cres	1588	2	Heaved	1.8	1.3	2.34
Norwill Cres	1630	2	Heaved	3.6	1.3	4.68
Ormond Dr	19	2	Heaved	14.4	1.3	18.72
Ormond Dr	23	2	Heaved	3.6	1.3	4.68
Ormond Dr	30	2	Heaved	7.2	1.3	9.36
Ormond Dr	50	2	Settled	7.2	1.3	9.36
Ormond Dr	63	2	Heaved	5.4	1.3	7.02
Ormond Dr	118	2	Settled	3.6	1.3	4.68
Ormond Dr	140	2	Heaved	9	1.3	11.7

# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m <sup>2</sup> )
Ormond Dr	154	2	Back Sloped	9	1.3	11.7
Ormond Dr	157	2	Heaved	3.6	1.3	4.68
Ormond Dr	160	2	Settled	7.2	1.3	9.36
Ormond Dr	168	2	Heaved	5.4	1.3	7.02
Ormond Dr	172	2	Heaved	3.6	1.3	4.68
Ormond Dr	178	2	Heaved	5.4	1.3	7.02
Ormond Dr	190	2	Heaved	3.6	1.3	4.68
Ormond Dr	202	2	Heaved	5.4	1.3	7.02
Ormond Dr	204	2	Heaved	5.4	1.3	7.02
Ormond Dr	220	2	Multi-Cracked	3.6	1.3	4.68
Ormond Dr	239	2	Back Sloped	5.4	1.3	7.02
Ormond Dr	245	2	Multi-Cracked	3.6	1.3	4.68
Ormond Dr	251	2	Multi-Cracked	1.8	1.3	2.34
Ormond Dr	258	2	Multi-Cracked	7.2	1.3	9.36
Ormond Dr	264	2	Back Sloped	3.6	1.3	4.68
Ormond Dr	140-142	2	Back Sloped	14.4	1.3	18.72
Ormond Dr	18-22	2	Heaved	18	1.3	23.4
Raike Dr	338	2	Heaved	5.4	1.3	7.02
Rossland Rd E	10	2	Corner House-Simcoe/Rossland-4 Bays (1 On Simcoe, 3 On	7.2	1.3	9.36
Rossland Rd E	10	2	Getting New	5.4	1.3	7.02
Samac Trail	166	2	Heaved	9	1.3	11.7
Sandalwood Ct	485	2	Heaved	10.8	1.3	14.04
Sandalwood Ct	501	2	Heaved	14.4	1.3	18.72
Sarasota Cres	1620	2	Multi-Cracked	3.6	1.3	4.68
Sarasota Cres	1660	2	Heaved	5.4	1.3	7.02
Sarasota St (2nd Tree North of Sarasota)		2	Heaved	12.6	1.3	16.38
Sarcee St	1355	2	Heaved	7.2	1.3	9.36
Sarcee St	1355	2	Heaved	7.2	1.3	9.36
Sarcee St	1369	2	Heaved	3.6	1.3	4.68
Sarcee St	1375	2	Heaved	1.8	1.3	2.34
Secretariat Ave	2135	2	Settled	1.8	1.3	2.34
Secretariat Ave	2177	2	Multi-Cracked	1.8	1.3	2.34
Secretariat Ave	2183	2	Heaved	5.4	1.3	7.02
Secretariat Pl	1919	2	Heaved	3.6	1.3	4.68
Secretariat Pl	1953	2	Settled	5.4	1.3	7.02

## City of Oshawa

### 2024 Sidewalk Replacement Candidate Listing

#### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m2)
Seneca Ave	65	2	Ponding/Heaved/G	12.6	1.3	16.38
Seneca Ave	81	2	Heaved	5.4	1.3	7.02
Seneca Ave	107	2	Heaved	10.8	1.3	14.04
Seneca Ave	162	2	Heaved	5.4	1.3	7.02
Seneca Ave	218	2	Heaved	7.2	1.3	9.36
Seneca Ave	244	2	Heaved	3.6	1.3	4.68
Simcoe St N	1371	2	Heaved	9	1.3	11.7
Simcoe St N	1413	2	Multi-Cracked	5.4	1.3	7.02
Simcoe St N	1453	2	Multi-Cracked	3.6	1.3	4.68
Simcoe St N	1561	2	Cracked	5.4	1.25	6.75
Simcoe St N	1564	2	Multi-Cracked	1.6	1.25	2
Simcoe St N	2023	2	Multi-Cracked	1.6	1.25	2
Simcoe St N	2061	2	Asphalt Patch	3	1	3
Simcoe St N	2061	2	Asphalt Patch	3	1	3
Simcoe St N (N of #1561)		2	Multi-Cracked	7.2	1.25	9
Simcoe St N (Mcdonalds Dwy)		2	Multi-Cracked	1.8	1.5	2.7
Somerville St	1349	2	Ponding	10.8	1.3	14.04
Stornoway St	1206	2	Heaved	7.2	1.3	9.36
Tampa Cres	1394	2	Settled	3.6	1.3	4.68
Tampa Cres	1422	2	Heaved	1.8	1.3	2.34
Tampa Cres	1430	2	Heaved	3.6	1.3	4.68
Tampa Cres	1442	2	Heaved	7.2	1.3	9.36
Tampa Cres	1448	2	Heaved	9	1.3	11.7
Tampa Cres	1468	2	Heaved	3.6	1.3	4.68
Tampa Cres	1476	2	Heaved	7.2	1.3	9.36
Tampa Cres	1480	2	Heaved	3.6	1.3	4.68
Tampa Cres	1460-1464	2	Heaved	10.8	1.3	14.04
Tampa Cres	1468-1472	2	Heaved	10.8	1.3	14.04
Tampa Cres	1480-1484	2	Heaved	10.8	1.3	14.04
Tampa Cres	1488-1492	2	Heaved	9	1.3	11.7
Taunton Rd E	50	2	Settled	5.4	1.3	7.02
Taunton Rd E	100	2	Multi-Cracked	3.6	1.2	4.32
Taunton Rd E (B/W 3rd & 4th Hydro Pole W of Giant Tiger)		2	Multi-Cracked	1.8	1.3	2.34
Taunton Rd E (In front of Giant Tiger)		2	Multi-Cracked	3.6	1.3	4.68
Taunton Rd W	100	2	Settled	7.2	1.3	9.36

# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m <sup>2</sup> )
Taunton Rd W	106	2	Multi-Cracked	5.4	1.3	7.02
Taunton Rd W	112	2	Heaved	3.6	1.3	4.68
Taunton Rd W	170	2	Settled	3.6	1.3	4.68
Taunton Rd W	240	2	Heaved	5.4	1.3	7.02
Taunton Rd W	248	2	Cracked	1.8	1.3	2.34
Taunton Rd W	250	2	Cracked	1.8	1.3	2.34
Taunton Rd W	38-42	2	Ponding	16.2	1.3	21.06
Taylorwood Rd	8	2	Multi-Cracked	1.8	1.3	2.34
Taylorwood Rd	58	2	Heaved	3.6	1.3	4.68
Walreg Dr	1926	2	Settled	3.6	1.3	4.68
Walreg Dr	1988	2	Back Sloped	7.2	1.3	9.36
Whistler Drive	573	2	Sidewalk Heaved	5.4	1.3	7.02
Woodbine Pl	49	2	Heaved	3.6	1.3	4.68
Adelaide Ave E (E of Fleetwood Dr N Side)		3	Heaved	3.6	1.25	4.5
Adelaide Ave E (E of Laguna St)		3	Heaved	7.2	1.25	9
Astra Ave	1267-1269	3	Back Sloped	11.6	1.25	14.5
Attersley Dr	1078	3		5.4	1.3	7.02
Beneford Rd	1031	3	Back Sloped	5.6	1.25	7
Beneford Rd	1051	3	Settled	1.6	1.25	2
Beneford Rd	1063	3	Heaved	7.2	1.25	9
Beneford Rd	1103	3	Heaved	1.6	1.25	2
Beneford Rd	967-971	3	Heaved	7.2	1.25	9
Blackthorn St	394	3	Back Sloped	5.6	1.25	7
Blackthorn St	402	3	Heaved	3.6	1.25	4.5
Camelot Dr	448-444	3	Heaved	17.2	1.25	21.5
Camelot Dr (North of #649)		3	Settled	7.2	1.25	9
Century St	410	3	Settled	1.6	1.25	2
Century St	422	3	Back Sloped	7.3	1.25	9.125
Century St	428	3	Heaved	1.6	1.25	2
Charrington Ave	442-438	3	Settled	11.2	1.25	14
Copperfield Dr	857	3	Multi-Cracked	1.6	1.25	2
Copperfield Dr	890	3	Multi-Cracked	1.6	1.25	2
Copperfield Dr	926	3	Back Sloped	10	1.25	12.5
Copperfield Dr	950	3	Back Sloped	9.3	1.25	11.625
Copperfield Dr	954	3	Back Sloped	7.2	1.25	9
Copperfield Dr	970	3	Back Sloped	7.4	1.25	9.25
Copperfield Dr	900-894	3	Heaved	20	1.25	25

## City of Oshawa

### 2024 Sidewalk Replacement Candidate Listing

#### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m <sup>2</sup> )
Fleetwood Dr	380	3	Settled	10	1.25	12.5
Galahad Dr	561	3	Heaved	3.7	1.25	4.625
Galahad Dr	590	3	Multi-Cracked	3.7	1.6	5.92
Galahad Dr	708	3	Heaved	5.3	1.25	6.625
Gaylord Dr	512-510	3	Back Sloped	11.2	1.25	14
Gothic Dr	391	3	Feather	5.2	1.25	6.5
Gothic Dr	399	3	Heaved	3.6	1.25	4.5
Greenbriar Dr	683	3	Settled	5.2	1.25	6.5
Greenbriar Dr	697	3	Settled	7.2	1.25	9
Kilmaurs Ave (Flank)	1339	3	Back Sloped	7.2	1.25	9
Langford St	1093	3	Heaved	3.6	1.25	4.5
Lesabre St	420	3	Heaved	3.6	1.25	4.5
Margaret St (Opp #1254)		3	Multi-Cracked	1.6	1.25	2
Peggoty Circle	843	3	Heaved	5.6	1.25	7
Ridgevalley Dr	1038	3	Heaved	5.4	1.25	6.75
Rossland Rd E (B/W Attersley And Bridge Deck)		3	Back Sloped	5.6	1.25	7
Rossland Rd E (Bridge Deck E of Rossland Square)		3	Feather	1.5	1.25	1.875
Rossland Rd E (East of Cricklewood Dr)		3	Asphalt Overlay	3.6	1.25	4.5
Safari Dr	428	3	Heaved	5.6	1.25	7
Surrey Dr	393	3	Heaved	5.4	1.25	6.75
Wilson Rd N	411	3	Settled	5.4	1.25	6.75
Wilson Rd N	475	3	Heaved	7.3	1.25	9.125
Wilson Rd N	475	3	Heaved	7.3	1.25	9.125
Wilson Rd N	506	3	Heaved	9.2	1.25	11.5
Adelaide Ave E	608	4	Multi-Cracked	1.6	1.25	2
Adelaide Ave E	670	4	Multi-Cracked	4	1.25	5
Albert St	178	4	Asphalt Patch	5.7	1.2	6.84
Alexandra St	119	4	Heaved/Broken	3.6	1.8	6.48
Alma St	140	4	Settled	1.8	1.3	2.34
Bruce St	56	4	Multi-Cracked	3.6	1.2	4.32
Bruce St	238	4		1.8	1.2	2.16
Bruce St	242	4	Feather	1.8	1.2	2.16
Burk St	29	4	Heaved	1.8	1.2	2.16
Burk St	99	4	Heaved	1.8	1.2	2.16

# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m2)
Burk St	121	4	Settled	7.2	1.2	8.64
Burk St	196	4	Multi-Cracked	3.6	1.2	4.32
Burk St	218	4	Feather	7.2	1.2	8.64
Burk St	119-115	4	Feather	7.6	1.2	9.12
Cabot St	105	4	Feather	3.6	1.2	4.32
Cabot St	109	4	Heaved	1.8	1.2	2.16
Central Park Blvd N	674	4	Heaved	3.6	1.25	4.5
Crestwood Dr	492	4	Back Sloped	10	1.25	12.5
Crimson Cres	588	4	Broken Sw Bay	1.8	1.3	2.34
Cromwell Ave	64	4	Settled	1.8	1.2	2.16
Cromwell Ave	208	4	Back Sloped	1.8	1.2	2.16
Cromwell Ave	208	4	Feather	6	1.2	7.2
Cromwell Ave	214	4	Feather	1.8	1.2	2.16
Cromwell Ave	214	4	Feather	5.4	1.2	6.48
Cromwell Ave	226	4	Settled	1.8	1.2	2.16
Drew St	45	4	Multi-Cracked	3.8	1.5	5.7
Drew St (Opp#419)		4	Feather	3.6	1.2	4.32
Durham St	205	4	Ponding	1.8	1.2	2.16
Elliott St	171-167	4	Heaved	7.6	1.2	9.12
Farewell St	56	4	To Overlay Ponding/Ice Sj	3.5	1.2	4.2
Fernwood Ave	370	4	Back Sloped	13.2	1.25	16.5
Gibb St	220	4	Feather	3.6	1.2	4.32
Gibb St	330	4	Multi-Cracked	5.4	1.2	6.48
Gibb St	330	4	Feather	3.6	1.2	4.32
Gibb St	385	4	Multi-Cracked	3.6	1.2	4.32
Grenfell St	18	4	Multi-Cracked	3.6	1.2	4.32
Grenfell St	26	4	Multi-Cracked	3.6	1.2	4.32
Guelph St.	93	4	Feathered	1.8	1.2	2.16
Harold St	59	4	Settled	1.8	1.2	2.16
Hillcroft St	259	4	Multi-Cracked	20	1.25	25
Hillcroft St	259	4	Multi-Cracked	19	1.25	23.75
Hillcroft St	402	4	Feather	3.6	1.25	4.5
Hillcroft St (Opp #402)		4	Cracked	1.6	1.25	2
Hillcroft St (Opp #520)		4	Back Sloped	17.6	1.25	22
Hillcroft St (E of #454)		4	Multi-Cracked	15.2	1.25	19
Hillcroft St (Opp Crestwood Dr)		4	Multi-Cracked	5.4	1.25	6.75
King St E	97	4	Feather	3.8	1.2	4.56
King St E	111	4	Feather	1.8	1.2	2.16

# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m <sup>2</sup> )
King St E	144	4	Multi-Cracked	5.4	1.5	8.1
King St W	184	4	Multi-Cracked	7.2	1.5	10.8
King St W	201	4	Heaved	9.2	1.5	13.8
King St W	245	4	Asphalt Patch	12.5	1.2	15
King St W	375	4	Multi-Cracked	5.4	1.2	6.48
King St W	470	4	Multi-Cracked	7.2	1.2	8.64
King St W	520	4	Multi-Cracked	12.5	1.2	15
King St W	524	4	Multi-Cracked	5.4	1.2	6.48
King St W	800	4	Feather	1.8	1.2	2.16
King St W	815	4	Feather	1.8	1.2	2.16
King St W	847	4	Multi-Cracked	4.2	1.2	5.04
King St W	909	4	Multi-Cracked	5.7	1.2	6.84
King St W (Opp #847)		4	Back Sloped	1.8	1.2	2.16
King St W (Opp #847)		4	Back Sloped	1.8	1.2	2.16
King St W (W of Opp#847)		4	Feather	1.8	1.2	2.16
King St W (Opp #847)		4	Feather	3.6	1.2	4.32
King St W (N/S at Whitby Border Sign)		4	Heaved	4	1.2	4.8
Lasalle Ave	151	4		10	1.2	12
Limerick St	268	4	Feather	3.6	1.2	4.32
Limerick St	276	4	Feather	3.6	1.2	4.32
Limerick St	310	4	Feather	1.8	1.2	2.16
Lloyd St	21	4	Feather	7.2	1.2	8.64
Lloyd St (Opp #39)		4	Multi-Cracked	3.6	1.2	4.32
Lombardy Ave	544	4	Heaved And	6	1.25	7.5
Londonderry St	158	4	Heaved	1.8	1.2	2.16
Londonderry St	172	4	Feather	1.8	1.2	2.16
Mary St N	583	4	Heaved Sw/Broken	7.2	1.3	9.36
Mcgrigor St	66	4	Feather	5.6	1.2	6.72
Mcgrigor St	70	4	Feather	1.8	1.2	2.16
Mcgrigor St	70	4	Feather	1.8	1.2	2.16
Monck St	181	4	Heaved	1.8	1.2	2.16
Montrave Ave	109	4	Heaved	3.6	1.2	4.32
Nassau St	38	4	Heaved	6.8	1.2	8.16
Nassau St	168	4	Heaved	5.4	1.2	6.48
Oshawa Blvd N	391	4	Heaved	3.2	1.25	4
Oshawa Blvd N	455	4	Back Sloped	13	1.25	16.25
Oshawa Blvd N	525	4	Cracked	5.3	1.25	6.625



# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m2)
Oshawa Blvd N (Flank)	455	4	Back Sloped	9.2	1.25	11.5
Oshawa Blvd N (Opp #518)		4	Multi-Cracked	3.6	1.25	4.5
Park Rd S	20	4	Multi-Cracked	5.4	1.5	8.1
Park Rd S	30	4	Multi-Cracked	3.6	1.2	4.32
Pine Ave	323	4	Settled	1.8	1.2	2.16
Pine Ave	386	4	Asphalt Patch	1.8	1.2	2.16
Quebec St	82	4	Feather	5.4	1.2	6.48
Ritson Rd N	328	4	Settled	5.6	1.25	7
Ritson Rd N	605	4	Feather	5.4	1.25	6.75
Ritson Rd N (Opp Post office)		4	Feather	7.2	1.25	9
Rossland Rd E	350	4	Asphalt Overlay	1.8	1.25	2.25
Rossland Rd E (Opp #497 at Fh)		4	Feather	1.6	1.25	2
Rossland Rd E (Opp #497 at Fh)		4	Feather	1.6	1.25	2
Simcoe St S	491	4	Other (See	27.5	1.2	33
Stevenson Rd	254	4	Settled	9	1.3	11.7
Stevenson Rd	341	4	Heaved	14.4	1.3	18.72
Stevenson Rd	421	4	Settled/Broken	5.4	1.3	7.02
Surrey Dr	333	4	Asphalt Overlay	1.6	1.25	2
Surrey Dr	355	4	Settled	3.2	1.25	4
Westmount St	130	4	Feather	4	1.2	4.8
Westmount St	173	4	Asphalt Overlay	5.4	1.2	6.48
Westmount St	173	4	Asphalt Patch	1.8	1.2	2.16
Wilson Rd N	426	4	Feather	18.5	1.25	23.125
Woodcrest	434	4	Heaved	9	1.3	11.7
Albert St	549	5	Multi-Cracked	1.8	1.3	2.34
Beatty Ave	243	5	Multi-Cracked	4	1.2	4.8
Bristol Cres	299	5	Settled	1.8	1.2	2.16
Bristol Cres	388	5	Feather	5.7	1.2	6.84
College Ave	190	5	Settled	3.6	1.2	4.32
College Ave	190	5	Feather	2	1.2	2.4
Cromwell Ave	523	5	Settled	2	1.2	2.4
Cubert St	518	5	Settled	3.6	1.2	4.32
Cubert St	528	5	Back Sloped	1.8	1.2	2.16
Cubert St	542	5	Settled	3.8	1.2	4.56
Cubert St.	524	5	Feather/Back	6.8	1.2	8.16

# City of Oshawa

## 2024 Sidewalk Replacement Candidate Listing

### Project 75-0136 - Sidewalk Replacements

Location	House	Ward	Deficiency	Length (m)	Width (m)	Area (m2)
Cubert St.	526	5	Feathered	1.2	1.2	1.44
Dorchester Dr	577	5	Feather	1.9	1.2	2.28
Etna Ave	237	5	Feather	3.7	1.2	4.44
Evangeline Dr	1549	5	Feathered	1.8	1.2	2.16
Grenfell St	296	5	Asphalt Patch	7.2	1.2	8.64
Hibbert Ave	206	5	Heaved	1.8	1.2	2.16
Lakefield St.	1471	5	Feathered/Settled	1.8	1.2	2.16
Lakeview Ave	540	5		6	1.2	7.2
Laval Dr	467	5	Heaved	3.6	1.2	4.32
Laval Dr	480	5	Feather	3.6	1.2	4.32
Laval St (Opp #545)		5	Settled	1.8	1.2	2.16
Laval St (W/S at Hillside)		5	Multi-Cracked	7.2	1.2	8.64
Mill St	49	5	Feather	3.6	1.2	4.32
Mill St	129	5	Multi-Cracked	3.6	1.2	4.32
Minden St	1287	5	Feathered/Ponding /Back	8.6	1.2	10.32
Nassau St	316	5	Feather	1.8	1.2	2.16
Oxford St	591	5	Multi-Cracked	2	1.2	2.4
Park Rd S	489	5	Feather	1.5	1.2	1.8
Salisbury St	486	5	Feather	3.6	1.2	4.32
Salisbury St	544	5	Feather	1.8	1.2	2.16
Seville St	529	5	Feather	1.8	1.2	2.16
Seville St	537	5	Heaved	1.8	1.2	2.16
Sheffield Ct	332	5	Cracked	1.8	1.2	2.16
Simcoe St S	474	5	Cracked	1.8	1.2	2.16
Tipperary St	305	5	Heaved	1.8	1.2	2.16
Tipperary St	313	5	Heaved	1.8	1.2	2.16
Tresane St	155	5	Multi-Cracked	3.6	1.2	4.32
Tresane St	165	5	Back Sloped	3.6	1.2	4.32

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Street Lighting Upgrades</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	76 Street Lighting
<b>Project Number</b>	76-0014
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility Score</b>	No 30

**Project Details**

**Project Description**

Improvements in lighting control circuitry, relocation or in-filling of fixtures in conjunction with Oshawa Power and Utilities Corporation (O.P.U.C.) pole line replacements or improvements, enhances levels of illumination and pedestrian and motorist safety, in accordance with City standards. Street light transfer locations for new O.P.U.C. pole lines to be determined by O.P.U.C. in 2024.

**Justification**

There are cost savings realized by doing these changes in conjunction with O.P.U.C. pole line replacements or improvements. City of Oshawa standards have likely changed since some of these O.P.U.C. pole lines were originally installed.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	55,000	220,000	275,000
<b>Total Financing Sources</b>	<b>55,000</b>	<b>220,000</b>	<b>275,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Gibb Street - Street Lighting Upgrades</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	76 Street Lighting
<b>Project Number</b>	76-0028
<b>Project Location</b>	East of Stevenson Rd. to Simcoe St. S.
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	35

**Project Details**

**Project Description**

Upgrade lighting in conjunction with road widening of Gibb Street by the Region of Durham from east of Stevenson Road to Simcoe Street.

**Justification**

To align with the Region of Durham's capital plan.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	247,000	0	0
Transportation Roads DC	740,000	0	0
<b>Total Financing Sources</b>	<b>987,000</b>	<b>0</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Wentworth St Street Lighting Upgrades</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	76 Street Lighting
<b>Project Number</b>	76-0057
<b>Project Location</b>	Wentworth St, west of Simcoe St to west of Farewell St
<b>Ward</b>	Ward 5
<b>Accessibility</b>	No
<b>Score</b>	38

**Project Details**

**Project Description**

Upgrade lighting in conjunction with Region of Durham road reconstruction.

**Justification**

To take advantage of the opportunity to improve pedestrian and motorist safety through enhanced levels of illumination, in accordance with City of Oshawa standards. There are also cost savings realized by doing these changes in conjunction with the Region of Durham road reconstruction.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	250,000	350,000	0
<b>Total Financing Sources</b>	<b>250,000</b>	<b>350,000</b>	<b>0</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Traffic Signal Uninterruptable Power Supply</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	77 Traffic Signals
<b>Project Number</b>	77-0027
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	26

**Project Details**

**Project Description**

An annual project to install back up power for traffic control signals to maintain operation during power outage.

The proposed locations for 2024 include:

1. Athol St and Celina St
2. Athol St and Albert St
3. Mary St and William St
4. King St and Keewatin St
5. Bond St and Division St

**Justification**

To ensure traffic control signals are operational during a power outage.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	75,000	300,000	375,000
<b>Total Financing Sources</b>	<b>75,000</b>	<b>300,000</b>	<b>375,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Signal Controller Replacements</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	77 Traffic Signals
<b>Project Number</b>	77-0029
<b>Project Location</b>	Various
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	48

**Project Details**

**Project Description**

Annual project to replace traffic signal controllers nearing the end of their useful life in a phased approach.

The proposed locations for 2024 include:

1. Athol St and Celina St
2. Athol St and Albert St
3. Mary St and William St

**Justification**

New controllers are required to keep maintenance costs low and to ensure traffic control signals operate properly.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	69,000	276,000	345,000
<b>Total Financing Sources</b>	<b>69,000</b>	<b>276,000</b>	<b>345,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Accessible Pedestrian Signals</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	77 Traffic Signals
<b>Project Number</b>	77-0030
<b>Project Location</b>	TBD
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	34

**Project Details**

**Project Description**

To install new accessible pedestrian signals.

The proposed location will be determined by prioritizing all location requests received during the past year.

**Justification**

Accessible pedestrian signals are based on Canadian National Institute for the Blind warrant criteria to provide safe crossings for people with visual impairment.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	16,000	64,000	80,000
Transportation Roads DC	84,000	336,000	420,000
<b>Total Financing Sources</b>	<b>100,000</b>	<b>400,000</b>	<b>500,000</b>



**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>L.E.D. Signal Replacement</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	77 Traffic Signals
<b>Project Number</b>	77-0060
<b>Project Location</b>	Various
<b>Ward</b>	Ward 2
<b>Accessibility</b>	No
<b>Score</b>	48

**Project Details**

**Project Description**

Region wide program to replace L.E.D. indications over a 5-year cycle once the 5-year warranty period has been exceeded. Signal head mounts are converted from single point mount to double point mount to reduce the occurrence of failures during extreme weather conditions.

The proposed locations for 2024 include:

1. King St and McMillan Dr
2. Bond St and McMillan Dr
3. King St and Central Park Blvd
4. Bond St and Central Park Blvd
5. Bond St and Mary St
6. King St and Midtown
7. King St and Division St (Oshawa) (IPS)
8. King and Keewatin St

**Justification**

To maintain warranty of L.E.D. indications.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	25,000	100,000	125,000
<b>Total Financing Sources</b>	<b>25,000</b>	<b>100,000</b>	<b>125,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>New Pedestrian Crossover Signals</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	77 Traffic Signals
<b>Project Number</b>	77-0061
<b>Project Location</b>	TBD
<b>Ward</b>	All Wards
<b>Accessibility</b>	No
<b>Score</b>	29

**Project Details**

**Project Description**

Pedestrian Crossover (P.X.O.) Signals for one location to be determined by staff based on warrant criteria and demand. The new P.X.O.'s are a cost-effective pedestrian crossing option that may be implemented where traditional Pedestrian Crossovers/Pedestrian Signals are not appropriate.

**Justification**

To improve pedestrian crossing safety. To implement Pedestrian Crossovers at locations which meet warrant criteria in Ontario Traffic Manual.

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Growth Related (Non-DC)	8,000	16,000	16,000
Transportation Roads DC	42,000	84,000	84,000
<b>Total Financing Sources</b>	<b>50,000</b>	<b>100,000</b>	<b>100,000</b>

**City of Oshawa**  
**Capital Project Detail Sheet**

<b>Project Name</b>	<b>Pedestrian Countdown Signals</b>
<b>Department</b>	Community and Operations Services
<b>Subcategory</b>	77 Traffic Signals
<b>Project Number</b>	77-0071
<b>Project Location</b>	Various
<b>Ward</b>	Ward 4
<b>Accessibility</b>	No
<b>Score</b>	43

**Project Details**

**Project Description**

This project will upgrade the Pedestrian Countdown Signal Heads at Oshawa's downtown signalized intersections. The upgraded Pedestrian Signal Heads will provide better service for pedestrians and will meet the Region of Durham's current traffic signal system methodologies used to calculate the pedestrian countdown signal times. The upgrade will also provide the ability to provide a Leading Pedestrian Interval (L.P.I.) at the signalized intersections in downtown Oshawa which was directed by City Council (CS-22-96) at their September 26, 2022 meeting.

The proposed locations in Downtown Oshawa to be upgraded at a cost of \$5,000 each:

1. Bond St and McMillan Dr
2. King St and Mary St
3. Bond St and Mary St
4. Bond St and Division St
5. Athol St and Celina St
6. Mary St and William St
7. Athol St and Albert St
8. Athol St and Mary St

Oshawa's remaining 23 signalized intersections (located outside of the downtown) to be upgraded in 2025 (13 locations to be determined) and 2026 (10 locations to be determined).

**Justification**

To ensure that the Pedestrian Countdown Signals at Oshawa's intersections are compatible with the current signal methodologies used by the Region of Durham who manage Oshawa's traffic signals.

City Council Directive CS-22-96 - Pedestrian Signals Downtown Oshawa - Sept 26, 2022

**Project Budget Summary**

<b>Financing Sources</b>	<b>2024</b>	<b>2025 to 2028</b>	<b>2029 to 2033</b>
Transportation Reserve	40,000	115,000	0
<b>Total Financing Sources</b>	<b>40,000</b>	<b>115,000</b>	<b>0</b>