

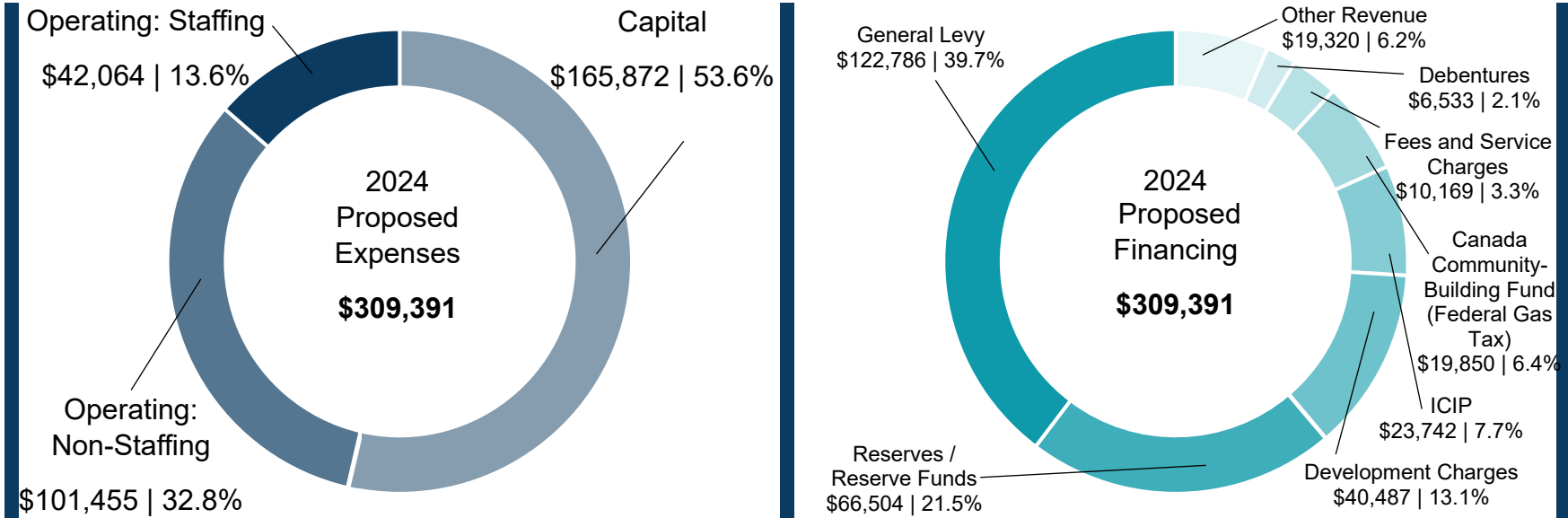


Durham Budget

2024

WORKS DEPARTMENT

Plans, designs, constructs, operates, and maintains Regional roads, bridges, traffic signals and facilities. Responsible for the collection, processing and disposal of garbage, recyclables and compost, the collection of special waste such as electronic and household hazardous waste, and the operation of the Durham York Energy Centre



Amounts are in \$,000's

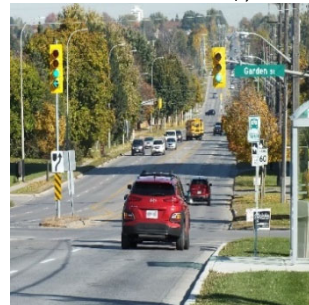


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Major Programs and Services

Regional Roads and Infrastructure

Winter Control

Reduce the hazards of winter conditions on the Regional road network by responding to winter events in a timely manner, lessening impacts on economic activity and improving quality of life for residents and businesses. Includes snow plowing, salting and anti-icing measures and condition monitoring through road patrols and advanced monitoring technologies to assess and address rapidly changing road conditions. Additional activities include snow removal in commercial areas, drainage, and spring cleanup activities.

Roadside Maintenance

Maintain the Regional road network efficiently and effectively to reduce or eliminate hazards to Regional road users. Includes filling potholes, dust control applications and priming of road shoulders to control erosion, maintaining brush and vegetation, cleaning and regrading ditches, culverts and catch basins, and boulevard maintenance.

Storm Sewers

Maintain and operate the Regional storm sewer collection system efficiently and in a cost-effective manner to prevent unnecessary damage to public and private properties and pollution to the environment. Includes repair of maintenance holes, cleaning, installing and repair of storm sewer service connections within the road allowance and visual and closed-circuit camera inspection of the maintenance holes and sewers.

Traffic Signals and Systems

Install, maintain, and operate the Region's network of traffic control signals and associated devices to support the safe and efficient movement of motorists, cyclists, and pedestrians. Includes the installation and maintenance of traffic control devices and beacons, central traffic control system devices, closed circuit television and associated communication and intelligent transportation systems technology.

Traffic Signs, Markings and Roadside Protection

Improve safety and convenience for the users of the Regional road network while promoting the efficient movement of people and goods. Includes the design, manufacture, and installation of regulatory, warning and information signage, the installation and maintenance of guiderails, detour route and traffic control planning for roadworks and the application of lane line markings.

Major Programs and Services Continued

Traffic Safety

Supports the safe and efficient movement of traffic on the Regional road network through the provision of project management, functional planning and engineering studies, traffic signal design, and custodianship of the Region's Traffic By-laws. Includes the operation of the computerized central traffic control system and the development and management of Intelligent Transportation Systems, administration of the Red-Light Camera and Automated Speed Enforcement programs, undertaking road safety studies and implementation of recommendations supporting the Region's Vision Zero initiative.

Engineering and Staff Support

Support the delivery of capital projects and initiatives through design and construction activities, real estate services including land and lease acquisitions/management to all Regional programs, maintain linear infrastructure data within GIS systems, and provide financial and administrative support services to all divisions within the Works Department.

Facilities Management

Provide overall lifecycle management of all Regional facilities. Services include the design and construction of new Regional, Durham Regional Local Housing Corporation and Durham Regional Police Service facilities and leasehold improvements, lifecycle maintenance and replacement strategies for Regional facilities, corporate security services, and the ongoing and preventative maintenance and overall operation of Regional facilities, properties, and grounds.

Regional Forest

The Regional Forest, consisting of six tracts totaling approximately 598 hectares, is managed under contract by the Lake Simcoe Region Conservation Authority. The forest, a significant environmental asset, provides natural habitat for wildlife, maintenance of water levels and stream flows, prevention of erosion and floods and a space for nature appreciation and use through hiking, walking, cross-country skiing, mountain biking and horseback riding.

Depot Operations

Support the delivery of road maintenance activities including winter control, and roadside and storm sewer repairs and cleaning.

Fleet Operations

Support the acquisition, lifecycle management and maintenance of the Region's fleet of vehicles and equipment, excluding those operated by Durham Regional Police Service and Durham Region Transit. Ensures compliance with the requirements of the Highway Traffic Act and the Commercial Vehicle Operations Registration (CVOR) Program.

Major Programs and Services Continued

Fleet Clearing

Maintain the Region's fleet of vehicles and equipment, excluding those operated by Durham Regional Police Service and Durham Region Transit. Costs accumulated in this program are allocated out to programs and activities through a combination of direct charges and hourly vehicle utilization rates.

Payroll Clearing

Resources that undertake the maintenance of the Region's Road network, traffic signals, line markings, roadside signage and underground water and sewer infrastructure, provide utility locating services, conduct traffic data mapping and analysis and undertake water meter repairs. Costs accumulated in this program are allocated out to various activities within other Works Department maintenance programs through work orders generated for these activities.

Administration

Provide the overall strategic planning and direction to all programs within the Works Department – Regional Roads and Infrastructure.

Debt Service

To fund debt servicing costs for current and future major capital projects.

Headquarters Shared Costs – Regional Roads and Infrastructure Portion

The allocated share of costs attributable to the Works Department – Regional Roads and Infrastructure for the operation of Regional Headquarters facility.

Construction of Municipal Services

Plan, design and construction of the Regional road and infrastructure major capital program.

Solid Waste Management

Oshawa Waste Management Facility

Operate this facility, with the objective of protecting and enhancing the environment by providing a safe, convenient, and cost-effective location to receive residential waste for reuse, recycling, composting or disposal. This location receives and transfers garbage, e-waste, compostable material, municipal hazardous and special waste and delivers a paint re-use program.

Major Programs and Services Continued

Scugog Waste Management Facility

Operate this facility, with the objective of protecting and enhancing the environment by providing a safe, convenient, and cost-effective location to receive residential waste for reuse, recycling, composting or disposal. This location receives and transfers garbage, e-waste, compostable material, and municipal hazardous and special waste.

Brock Waste Management Facility

Operate this facility, with the objective of protecting and enhancing the environment by providing a safe, convenient, and cost-effective location to receive residential waste for reuse, recycling, composting or disposal. This location receives and transfers garbage, e-waste, compostable material, and municipal hazardous and special waste.

Pickering Waste Management Facility

Use of this private waste transfer facility, with the objective of protecting and enhancing the environment by providing a safe, convenient, and cost-effective location to receive municipal hazardous and special waste.

Clarington Environmental Facility

Operate this facility, with the objective of protecting and enhancing the environment by providing a safe, convenient, and cost-effective location to receive municipal hazardous and special waste.

Durham Material Recovery Facility

Operate this facility through a third-party service provider, with the objective of protecting and enhancing the environment through the safe and cost-effective receipt and processing of recycling material collected as part of the curbside program and at the Region's Waste Management Facilities. Recyclable materials processed at this facility are packaged for transport to end markets. This program will be impacted by the transition to extended producer responsibility.

Durham York Energy Centre

Operate this facility through a third-party service provider, providing a local long-term solution for the responsible management and disposal of residual municipal solid waste through thermal treatment for the Regions of Durham and York. Revenue is generated through the sale of materials recovered and energy generated from the thermal process.

Major Programs and Services Continued

Collections, Processing, and Disposal Services

Deliver the Region's curbside waste collection programs to residential, multi-residential and some small businesses. Services delivered across the Region include garbage, blue box, organics and leaf and yard waste collection, along with bulky waste collection and disposal as part of an integrated collection program. The City of Oshawa and Town of Whitby administer their own curbside garbage, green bin, and bulky waste collection services—the Region is responsible for all curbside blue box recycling collection. Collection and processing of blue box material will be impacted by the transition to extended producer responsibility.

Waste Administration

Support the delivery of capital initiatives through design and construction activities, undertaking studies to explore diversion opportunities and manage landfills, oversee contracted services, and provide administrative and technical support to the Region's Solid Waste Management programming.

Administration

Provide the overall strategic planning and direction to all programs within the Works Department – Solid Waste Management.

Facilities Management

Provide overall lifecycle management of all Regional facilities. Includes the design and construction of Regional waste facilities, lifecycle maintenance and replacement strategies, corporate security services, and the ongoing and preventative maintenance and overall operation of Regional facilities, properties, and grounds.

Headquarters Shared Costs - Solid Waste Management Portion

The allocated share of costs attributable to the Works Department – Solid Waste Management for the operation of Regional Headquarters facility.

Regional Corporate Costs

Support services across the organization are provided to support the delivery of Solid Waste Management programs and services. This program also captures the annual reserve fund contribution, setting aside sustainable funding for future solid waste capital and operating initiatives, and to mitigate significant financial impacts.

Major Programs and Services Continued

Waste Management Centre

In partnership with Service Durham, provide support and information to residents related to the Region's Solid Waste Management programs and services. Includes responding to social media, telephone, waste app and email inquiries, providing in-person customer service for bin exchanges and bin and bag tag sales, administering the Region's call-in waste collection services, providing by-law enforcement services, and collecting data and inventory information to support continuous improvement of Durham's waste collection programs.

Community Outreach

Promote and encourage participation in the Region's waste management and waste diversion programs. Includes sharing information on multiple media platforms including radio, television, print, internet, and public space advertising, promoting waste reduction and diversion through the development of school curriculum material and waste facility tours, and through public events including waste fairs, compost events and participation in Waste Reduction Week.

Environmental Studies

Protect and enhance the environment through the management, monitoring, and inspection of former landfill sites within the Region ensuring full environmental compliance. Includes examination of monitoring results, preparation of annual technical reports, undertaking site improvements, ground and surface water testing and undertaking any amendments to Environmental Compliance Approvals for landfill and waste management facility operations.

Blue Box Revenues and Subsidies

Includes the proceeds from the sale of newspaper, cardboard, steel, aluminum, and glass to end markets, along with Stewardship Ontario's Resource Productivity and Recovery Authority funding. This program will be impacted by the transition to extended producer responsibility.

Major Capital Projects

Consolidated capital program for Solid Waste Management.

Strategic Priorities

For 2024 key priorities and planned actions focus on:

Environmental Sustainability



Accelerate the adoption of green technologies and clean energy solutions through strategic partnerships and investment with internal and external partners and academic institutions. Implementation of the Durham Building Standard, providing guidelines related to energy efficiency, greenhouse gas emissions and reductions, and incorporation of amenities that support diversity and inclusion of workplace for all projects related to the construction or renovation/retrofit of Regional facilities



Continued efforts to develop a long-term food and organic waste management strategy; converting the Region's contracted waste management fleet to renewable natural gas fueling; and promoting the use of recycled materials in construction projects



Protect, preserve and restore the natural environment including greenspaces, waterways, parks, trails, and farmlands by exploring alternative winter de-icing materials to minimize salt impacts; integrating environmentally sensitive solutions and practices; increasing restoration measures for impacted areas from construction projects; continue controlled-harvest practices in all Durham Region Forest tracts; and ensuring site plan development preserve natural features and favour native plant restoration



Demonstrate leadership in sustainability and climate change action by mitigating the environmental impacts of projects and continuing to showcase environmental awareness and the importance of Regional assets, such as the Regional Forest. The continued focus on mitigation and improvement to the environment, as demonstrated by the redevelopment and delivery of deep energy retrofit work at various Durham Regional Local Housing Corporation sites, 101 Consumers Road and 300 Ritson Road South facility

Strategic Priorities Continued



Expand sustainable and active transportation by promoting transit and cycling; identifying and prioritizing road maintenance and winter response on primary cycling routes; embracing sustainable urban design principles; increasing availability of EV charging stations at Regional facilities; and exploring alternative fuels for the Regional fleet. The Region has installed 109 charging stations to date at various locations, with 59 dedicated to fleet/workplace charging. Lead the design and construction of the Durham Region Transit Maintenance facility on Thornton Road North in Oshawa. This facility will support a full fleet of zero emission vehicles while aiming for high energy standards that will allow it to be a net-zero energy building



Support rapid transit initiatives through the design and construction of dedicated transit lanes on Regional Roads. Continued support through the Rapid Transit Office and Corporate Real Estate for the implementation of Bus Rapid Transit on Highway 2



Implement measures aimed towards increasing organic and recyclable materials from curbside collection activities through ongoing community outreach, including ongoing education programs at the elementary, secondary and post-secondary level

Community Vitality



Revitalize existing neighbourhoods and build complete communities that are walkable, well-connected, and have a mix of attainable housing through the expansion of the Regional cycling network. In support of Durham Regional Local Housing Corporation, staff are engaged in the redevelopment and revitalization of community housing sites that will maximize transit-oriented development opportunities. Awarded the Request for Proposal for consulting services for the community needs assessment and conceptual site master plans for the 300 Ritson Road project and hosted public consultation meetings with businesses, service providers and residents

Strategic Priorities Continued



Enhance community safety and well-being with improvements to road traffic safety by advancing projects that are part of the Durham Vision Zero initiative



Support diversity and inclusion through updated building amenities and accessibility improvements, including the construction of all gender washroom facilities and wellness amenities and the installation of a lift between the lower galleria and upper galleria in Regional Headquarters



Position Durham Region as the location of choice for business by servicing strategic Employment Lands; and planning for growth

Economic Prosperity



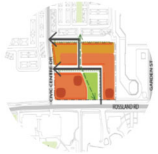
Better connect people and move goods more effectively by constructing and maintaining an efficient goods movement network; supporting the Bowmanville GO extension, Highway 2 Bus Rapid Transit and Simcoe Street Rapid Transit networks; and rationalizing the Region's building footprint through ongoing Master Accommodation Planning, centralizing Regional services at strategic facilities to reduce travelling time and increasing convenience for residents



Expedite the delivery of high-speed internet services to the rural and underserved communities across Durham Region by leveraging and expanding upon the existing Traffic Operations fibre network and supporting broadband construction being led by Durham OneNet Inc.

Strategic Priorities Continued

Social Investment



Support the preparation of various grant applications for funding of projects related to the deep energy retrofits and building improvements within the Durham Region Local Housing Corporation portfolio. Completed building envelope improvements to Durham Region Local Housing Corporation (DRLHC) facilities at 155 King Street and 655 Harwood Avenue



Collaborate with departments and community organizations to advance housing supports across the Region, including the continued construction of the Beaverton Supportive Housing facility with substantial performance expected for summer 2024. Facilitated the purchase and refurbishment of the former Sunnycrest Long-Term care home (1635 Dundas) to accommodate 45 low-barrier shelter beds in the short term and future housing options to address the increased homelessness within the Region

Service Excellence



Optimize resources and partnerships to deliver exceptional quality services and value by continuing a “customer first” focus. Shifting more services to an omnichannel service delivery mode as part of the MyDurham311 project. Continuation of Phase 2 of the Workplace Modernization and Optimization project at Regional Headquarters, which includes the consolidation of front counter space on the main level of the building to improve customer access and building security



Demonstrate commitment to continuous quality improvement and transparency through public engagement on all major public works initiatives in real time

Strategic Priorities Continued



Drive innovation through the continued evolution of the Region's Enterprise Maintenance Management System to increase efficiency in maintenance operations while collecting accurate and timely life cycle costs for analysis and planning; continued expansion of the Region's Traffic Watch map tool to incorporate other activities such as real time snowplow routes and water main break repair updates

Key Targets for 2024

Regional Roads and Infrastructure

- Maintain over 2,400 lane kilometres of paved road surface
- Maintain over 240 bridges and culverts greater than 3 metres
- Maintain 335 kilometres of Regional storm sewers which includes over 5,300 maintenance holes, over 6,200 catch basins and 490 inlets/outlets
- Maintain and operate over 680 traffic signals across the Region, with Accessible Pedestrian Signals installed at 228 locations
- Rotate 6 mobile cameras through 36 Automated Speed Enforcement sites and operate 10 fixed location Automated Speed Enforcement cameras (includes 2 new fixed locations to be added in 2024). Administer 12 Red Light Camera sites; Vision Zero collision reduction goal is a 10% reduction in fatal injury collision over a 5-year period
- Apply 4,804 kilometres of line painting and pavement markings on Regional roads
- Maintain and operate over 460,000 square metres of facility space
- Construction funding for 19.3 centreline kilometres of new cycling facilities included with Region road projects

Solid Waste Management

- Serve 325,000 visitors at the Region's Waste Management facilities
- Collect 30,000 tonnes of material at the Region's Waste Management facilities
- Recycle, compost or re-use 6,250 tonnes of material collected at the Region's Waste Management facilities
- Process 20,350 tonnes of recyclable materials through the Region's Material Recovery Facility
- Generate 110,550 megawatts of energy at the Durham York Energy Centre
- Collect 23,100 tonnes of recyclable material through the curbside blue box recycling program

Key Targets for 2024

- Collect 67,800 tonnes of organic material through the curbside green bin and leaf and yard waste programs
- Collect 118,500 tonnes of garbage material through the curbside program
- Complete 90,000 public interactions through the Waste Management Centre
- Reach 4,000 students through school engagement activities
- Deliver communications regarding waste programs including:
 - 1,500 radio advertisements;
 - 500 television advertisements;
 - 145,000 Durham Waste mobile app installation; and
 - Over 1 million digital impressions promoting various waste campaigns


Financial Details: Summary by Account (\$,000's)

Provides the gross expenditures and revenues - including both operating and capital - and the resulting net property tax requirement

	2023 Estimated Actuals	2023 Approved Budget	2024 Proposed Budget	Variance	
				\$	%
Expenses					
Operating Expenses					
Personnel Expenses	38,446	39,733	42,064		
Personnel Related	1,645	1,631	2,139		
Communications	1,621	1,541	1,394		
Supplies	2,612	1,939	3,058		
Utilities	754	740	772		
Computer Maintenance & Operations	439	364	444		
Materials & Services	12,289	13,010	12,621		
Buildings & Grounds Operations	2,211	1,838	2,039		
Equipment Maintenance & Repairs	560	525	514		
Vehicle Operations	10,291	9,006	10,244		
Debt Charges	-	-	1,547		
Professional Services	2,559	2,431	2,502		
Contracted Services	69,359	70,187	63,744		
Leased Facilities Expenses	193	193	327		
Financial Expenses	614	591	787		
Property Taxes	1,059	1,049	1,077		
Minor Assets & Equipment	100	100	150		
Major Repairs & Renovations	318	306	252		
Contribution to Reserves / Reserve Funds	6,628	6,628	9,735		
Headquarters Shared Costs	1,283	1,283	1,632		
Operating Expenses Subtotal	152,981	153,095	157,042	3,947	2.6%


Financial Details: Summary by Account (\$,000's)

Provides the gross expenditures and revenues - including both operating and capital - and the resulting net property tax requirement

	2023 Estimated Actuals	2023 Approved Budget	2024 Proposed Budget	Variance	
				\$	%
Internal Transfers & Recoveries					
NextGen Charges	26	26	28		
Communication Charge	72	72	50		
Departmental Charges	1,544	1,544	1,551		
Corporate HR Charge	50	50	50		
Works - General Tax Charge	338	338	338		
Works - Ajax WSP	2	2	-		
Recovery - Social Housing	(134)	(134)	(138)		
Recovery - Regional Environmental Lab	(50)	(50)	(50)		
Recovery - Fleet	(14,474)	(14,474)	(15,352)		
Internal Transfers & Recoveries Subtotal	(12,626)	(12,626)	(13,523)	(897)	(7.1%)
Gross Operating Expenses	140,355	140,469	143,519	3,050	2.2%
Capital Expenses					
New	15,773	15,773	1,365		
Replacement	14,866	14,866	16,769		
Major Capital	184,278	184,278	147,738		
Capital Expenses Subtotal	214,917	214,917	165,872	(49,045)	(22.8%)
Total Expenses	355,272	355,386	309,391	(45,995)	(12.9%)
Operating Revenue					
Provincial Subsidy General	(8,125)	(8,267)	(4,018)		
Fees & Service Charges	(11,142)	(12,136)	(10,169)		
Sale of Publications	(1,081)	(1,081)	(782)		
Rents	(55)	(55)	(510)		
Sundry Revenue	(7,520)	(8,441)	(8,612)		
Revenue from Municipalities	(4,735)	(4,878)	(4,995)		
Investment & Interest Income	(110)	(110)	(110)		
Development Charge Revenues-DC Debt	-	-	(727)		
Reserve Fund Financing for Operations	(9)	(9)	(9)		
Revenue from Related Entities	(320)	(320)	(293)		
Operating Revenue Subtotal	(33,097)	(35,297)	(30,225)	5,072	14.4%

Financial Details: Summary by Account (\$,000's)

Provides the gross expenditures and revenues - including both operating and capital - and the resulting net property tax requirement

	2023 Estimated Actuals	2023 Approved Budget	2024 Proposed Budget	Variance	
				\$	%
Capital Financing					
ICIP Grant	(57,665)	(57,665)	(23,742)		
Roads - Residential DC	(41,108)	(41,108)	(33,584)		
Roads - Commercial DC	(4,698)	(4,698)	(4,974)		
Roads - Industrial DC	(5,000)	(5,000)	(641)		
Roads - Institutional DC	-	-	(561)		
Canada Community-Building Fund (Federal Gas Tax)	(18,275)	(18,275)	(19,850)		
Equipment Replacement Reserve	(7,679)	(7,679)	(15,042)		
Regional Roads Reserve	(8,892)	(8,892)	(9,424)		
Transit Capital Reserve Fund	(7,474)	(7,474)	(544)		
Waste Management Reserve Fund	(1,000)	(1,000)	(4,000)		
Roads Rehabilitation Reserve Fund	(27,710)	(27,710)	(27,710)		
Bridge Rehabilitation Reserve Fund	(5,525)	(5,525)	(7,800)		
Capital Impact Stabilization Reserve Fund	(5,847)	(5,847)	(1,325)		
Vision Zero Reserve Fund	(675)	(675)	(650)		
Recoveries from Others	(55)	(55)	-		
Region of Durham Debenture	(15,667)	(15,667)	(6,533)		
Capital Financing Subtotal	(207,270)	(207,270)	(156,380)	50,890	24.6%
Total Revenues and Financing	(240,367)	(242,567)	(186,605)	55,962	23.1%
Property Tax Requirement Works Department	114,905	112,819	122,786	9,967	8.8%

Financial Details: Summary by Program (\$,000's)

Provides the total operating expense, capital expense, subsidy, other revenue and the resulting property tax requirement for each major program and service

	2023 Estimated Actuals	2023 Restated Budget (000)'s					2024 Proposed Budget (000)'s					Variance	
		Operating Expenses	Gross Capital	Subsidy Funding	Other Funding	Approved Budget	Operating Expenses	Gross Capital	Subsidy Funding	Other Funding	Proposed Budget	\$	%
Works - General Tax													
1 Winter Control	11,090	11,803	-	-	-	11,803	12,205	-	-	-	12,205	402	
2 Roadside Maintenance	6,406	5,199	-	-	(85)	5,114	6,104	-	-	(113)	5,991	877	
3 Storm Sewers	292	198	-	-	(3)	195	218	-	-	(3)	215	20	
4 Traffic - Signals and Systems	5,299	5,708	-	-	(1,712)	3,996	5,774	-	-	(1,753)	4,021	25	
5 Traffic - Signs, Markings and Roadside Protection	2,832	3,856	-	-	(1,058)	2,798	4,170	-	-	(973)	3,197	399	
6 Traffic - Safety	3,508	3,527	-	-	(39)	3,488	3,954	-	-	(22)	3,932	444	
7 Engineering and Staff Support	7,719	8,806	381	-	(787)	8,400	8,926	1,020	-	(625)	9,321	921	
8 Facilities Management	4,939	5,197	21,672	-	(21,570)	5,299	5,322	1,018	-	(188)	6,152	853	
9 Regional Forest	-	237	-	-	(237)	-	354	-	-	(354)	-	-	
10 Depot Operations	5,777	5,907	21	-	(337)	5,591	7,056	521	-	(350)	7,227	1,636	
11 Fleet Operations	-	(6)	7,685	-	(7,679)	-	-	15,043	-	(15,043)	-	-	
12 Fleet Clearing	-	-	-	-	-	-	-	-	-	-	-	-	
13 Payroll Clearing	-	-	-	-	-	-	-	-	-	-	-	-	
14 Administration	383	505	-	-	-	505	1,334	-	-	-	1,334	829	
15 Debt Service	-	-	-	-	-	-	1,547	-	-	(727)	820	820	
16 Headquarters Shared Cost - Works - General Tax Portion	767	767	-	-	-	767	1,105	-	-	-	1,105	338	
17 Construction of Municipal Services	6,200	-	183,278	-	(177,078)	6,200	-	143,538	-	(137,338)	6,200	-	
Works - General Tax Subtotal	55,212	51,704	213,037	-	(210,585)	54,156	58,069	161,140	-	(157,489)	61,720	7,564	14.0%

Solid Waste Management

WASTE MANAGEMENT FACILITIES:

1 Oshawa Waste Management Facility	355	3,383	257	(317)	(2,986)	337	3,277	107	(213)	(3,385)	(214)	(551)	
2 Scugog Waste Management Facility	(45)	998	-	(157)	(853)	(12)	1,039	-	(23)	(1,010)	6	18	
3 Brock Waste Management Facility	102	632	-	(119)	(369)	144	611	150	(21)	(533)	207	63	
4 Pickering Waste Management Facility	84	202	-	(112)	(11)	79	340	-	(87)	(5)	248	169	
5 Clarington Waste Management Facility	111	255	-	(111)	(34)	110	255	-	(33)	(51)	171	61	
6 Durham Material Recovery Facility	-	369	-	-	(369)	-	215	-	-	(670)	(455)	(455)	
7 Durham York Energy Centre	11,162	24,148	-	-	(13,254)	10,894	23,896	22	-	(13,272)	10,646	(248)	

Financial Details: Summary by Program (\$,000's)

Provides the total operating expense, capital expense, subsidy, other revenue and the resulting property tax requirement for each major program and service

	2023 Estimated Actuals	2023 Restated Budget (000)'s					2024 Proposed Budget (000)'s					Variance	
		Operating Expenses	Gross Capital	Subsidy Funding	Other Funding	Approved Budget	Operating Expenses	Gross Capital	Subsidy Funding	Other Funding	Proposed Budget	\$	%
8 Collection Services													
(a) Garbage	7,076	6,841	-	-	-	6,841	8,328	-	-	-	8,328	1,487	
(b) Blue Box Curbside Recycle	14,140	13,859	-	-	-	13,859	7,899	-	-	-	7,899	(5,960)	
(c) Composting	5,238	5,049	-	-	-	5,049	6,460	-	-	-	6,460	1,411	
(d) Other Diversion	227	227	-	-	-	227	288	-	-	-	288	61	
8 Processing and Disposal Services													
(a) Garbage	2,754	2,866	-	-	-	2,866	2,817	-	-	-	2,817	(49)	
(b) Blue Box Curbside Recycle	5,195	6,179	-	-	-	6,179	2,927	-	-	-	2,927	(3,252)	
(c) Composting	9,225	8,986	-	-	-	8,986	8,500	-	-	-	8,500	(486)	
(d) Other Diversion	(17)	31	-	(21)	(27)	(17)	35	-	(3)	(28)	4	21	
(e) Diversion Promotional Items	477	477	-	-	-	477	405	-	-	-	405	(72)	
(f) Waste Composition Study	-	-	-	-	-	-	-	-	-	-	-	-	
9 Waste Administration	4,261	4,573	60	-	(22)	4,611	5,079	225	-	(22)	5,282	671	
10 Administration	504	503	-	-	-	503	742	-	-	-	742	239	
11 Facilities Management	3,021	2,458	563	-	-	3,021	2,616	28	-	-	2,644	(377)	
12 Headquarters Shared Cost - Works - Solid Waste Management Portion	516	516	-	-	-	516	527	-	-	-	527	11	
13 Regional Corporate Costs	3,718	3,828	-	-	(110)	3,718	6,212	-	-	(110)	6,102	2,384	
14 Waste Management Centre	672	786	-	-	(114)	672	1,778	-	-	(464)	1,314	642	
15 Community Outreach	625	625	-	-	-	625	625	-	-	(53)	572	(53)	
16 Environmental Studies	395	395	-	-	-	395	395	-	-	-	395	-	
17 Blue Box Recoveries & Subsidies:													
(a) Industry Funding	(7,433)	-	-	(7,430)	-	(7,430)	-	-	(3,638)	-	(3,638)	3,792	
(b) Revenues - Diversion Materials	(2,670)	579	-	-	(4,566)	(3,987)	184	-	-	(1,495)	(1,311)	2,676	
18 Major Capital Projects	-	-	1,000	-	(1,000)	-	-	4,200	-	(4,000)	200	200	
Solid Waste Management Subtotal	59,693	88,765	1,880	(8,267)	(23,715)	58,663	85,450	4,732	(4,018)	(25,098)	61,066	2,403	4.1%
Property Tax Requirement Works Department	114,905	140,469	214,917	(8,267)	(234,300)	112,819	143,519	165,872	(4,018)	(182,587)	122,786	9,967	8.8%

Financial Details: Summary of Capital (\$,000's)

Provides a summary of the current year capital budget, nine-year capital forecast and proposed financing summarized by asset type. See Appendices for specific capital projects

Durham Budget	2024	2023 Approved Budget	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Regional Roads and Infrastructure									
Capital Expenditures									
Road / Structure Construction - Growth		39,570	26,524	91,655	160,475	175,020	159,565	1,307,728	1,894,443
Traffic Control & Other Programs - Growth		6,580	5,135	5,030	5,120	4,775	4,730	24,540	44,195
Transportation Plans & Studies - Growth		150	500	250	150	150	150	750	1,450
Bus Rapid Transit Implementation		78,638	32,377	23,500	-	-	58,000	-	81,500
Road Rehabilitation/Reconstruction Projects		38,660	38,660	47,000	47,000	47,000	47,000	235,000	423,000
Structure Rehabilitation / Replacement		13,725	18,060	32,285	24,000	22,720	12,485	45,435	136,925
Traffic Control & Other Programs - Non-Growth		3,740	5,265	3,740	3,390	3,410	3,320	18,705	32,565
Road & Traffic Safety Program (Vision Zero)		1,675	1,450	1,300	1,615	800	800	4,000	8,515
Cycling Infill Projects		540	900	900	1,000	1,000	1,000	8,500	12,400
Building & Structures		21,662	15,672	69,170	456	2,467	1,032	2,243	75,368
Machinery & Equipment		51	40	296	58	11	45	115	525
Information Technology Infrastructure		357	263	865	306	285	371	1,330	3,157
Vehicles		7,679	16,169	3,571	4,748	1,902	7,606	16,595	34,422
Furniture & Fixtures		10	125	20	11	10	11	10	62
Capital Expenditure Subtotal		213,037	161,140	279,582	248,329	259,550	296,115	1,664,951	2,748,527

Financial Details: Summary of Capital (\$,000's)

Provides a summary of the current year capital budget, nine-year capital forecast and proposed financing summarized by asset type. See Appendices for specific capital projects


Durham Budget	2024	2023 Approved Budget	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Capital Financing									
General Levy		6,767	8,760	8,863	7,035	7,001	7,574	32,571	63,044
Equipment Replacement Reserve		7,679	15,042	2,259	4,571	1,814	7,501	16,479	32,624
Capital Impact Stabilization Reserve Fund		5,847	1,325	-	-	-	-	-	-
Roads Rehab Reserve Fund		27,710	27,710	45,955	45,605	43,710	34,385	157,040	326,695
Bridge Rehab Reserve Fund		5,525	7,800	5,525	5,525	5,525	5,525	27,625	49,725
Regional Roads Levy		8,892	9,424	17,199	25,724	41,587	41,981	315,561	442,052
Vision Zero Reserve Fund		675	650	500	814	-	-	-	1,314
Transit Capital Reserve Fund		7,474	544	313	-	-	16,690	-	17,003
Residential Development Charges		41,108	33,584	66,012	111,344	111,400	130,033	820,771	1,239,560
Commercial Development Charges		4,698	4,974	13,557	16,551	16,560	19,329	122,007	188,004
Institutional Development Charges		-	561	4,277	1,158	1,310	1,439	8,613	16,797
Industrial Development Charges		5,000	641	9,860	12,037	12,043	14,058	76,284	124,282
Canada Community-Building Fund (Federal Gas Tax)		18,275	19,850	23,525	17,965	17,600	17,600	88,000	164,690
Bus Rapid Transit Implementation		57,665	23,742	17,233	-	-	-	-	17,233
Recoveries From Others ¹		55	-	2,725	-	1,000	-	-	3,725
Debentures - User Rate Funded		15,667	6,533	61,779	-	-	-	-	61,779
Capital Financing Subtotal		213,037	161,140	279,582	248,329	259,550	296,115	1,664,951	2,748,527
Total Capital Regional Roads and Infrastructure		213,037	161,140	279,582	248,329	259,550	296,115	1,664,951	2,748,527

¹ Recoveries from Others includes:

- 2023 - \$55 thousand in contributions from CN Rail
- 2025 - \$2.625 million in contributions from CN Rail
- 2025 - \$100 thousand in contributions from the County of Simcoe
- 2027 - \$1.0 million in contributions from the County of Simcoe

Financial Details: Summary of Capital (\$,000's)

Provides a summary of the current year capital budget, nine-year capital forecast and proposed financing summarized by asset type. See Appendices for specific capital projects

 Durham Budget	2024	2023 Approved Budget	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Solid Waste Management									
Capital Expenditures									
Building & Structures		1,510	4,226	8,501	6,890	15,450	1,385	192,600	224,826
Machinery & Equipment		310	278	279	257	107	107	535	1,285
Information Technology Infrastructure		60	53	108	54	91	108	280	641
Vehicles		-	175	300	-	1,080	-	-	1,380
Landfill Remediation / Rehabilitation		-	-	950	2,325	525	6,698	3,400	13,898
Capital Expenditure Subtotal		1,880	4,732	10,138	9,526	17,253	8,298	196,815	242,030
Capital Financing									
General Levy		880	732	2,188	1,126	1,628	1,600	815	7,357
Waste Management Reserve Fund		1,000	4,000	7,950	8,111	15,259	6,698	41,920	79,938
Canada Community-Building Fund (Federal Gas Tax)		-	-	-	-	-	-	13,289	13,289
Residential Development Charges		-	-	-	289	366	-	-	655
Debentures		-	-	-	-	-	-	140,791	140,791
Capital Financing Subtotal		1,880	4,732	10,138	9,526	17,253	8,298	196,815	242,030
Total Capital Solid Waste Management		1,880	4,732	10,138	9,526	17,253	8,298	196,815	242,030
Total Capital Works Department		214,917	165,872	289,720	257,855	276,803	304,413	1,861,766	2,990,557

Details of Budget Changes

Strategic Investments: Regional Roads and Infrastructure	2024 Impact (\$ 000's)
Staffing provision to ensure availability of resources required to address increasing demands for services and a growing infrastructure base	735
New impact of 1.25 FTEs approved in year. Details are provided in the Staffing Details section	45
Undertake a service review in partnership with Area Municipalities to explore opportunities to improve the quality of developer installed noise barriers along Regional road corridors by proposing the adoption of higher minimum standards (Report 2023-COW-33)	100
Mandatory cyclical training including both catch-up training delayed by the COVID-19 pandemic and current training required by staff	505
Increase in contribution to the Works Equipment Reserve to ensure sustainability of the resources for future vehicle and equipment replacements	737
Incremental investment in Major Repairs and Renovations (\$15k) and Minor Assets & Equipment (\$50k)	65
Net increase investment in capital – see Appendix A for detailed project listing	1,993
Strategic Investments: Regional Roads and Infrastructure Subtotal	4,180

Details of Budget Changes Continued

Base Adjustments: Regional Roads and Infrastructure	2024 Impact (\$ 000's)
Economic Increases	1,246
Annualization of 21.594 FTEs approved in the 2023 budget	800
Realignment of staffing resources to reflect effort on priority activities and capital works resulting in a net decrease in payroll costs in General Tax program areas (-2.171 FTE)	(686)
Inflationary increases including vehicle repairs and maintenance (\$1,261k), program materials and supplies (\$224k) insurance (\$56k), software maintenance and licenses (\$81k), utilities (\$27k), salt and snow removal (\$36k)	1,685
Line-by-line savings	(519)
Increase in debt servicing costs for debt financing approved in 2023 budget for the modernization of the Ajax, Oshawa/Whitby and Sunderland Depots (\$1,547k). Development Charges will fund \$727k of these debt servicing costs with the balance of \$820k from property taxes	820
Increase in Work's – Regional Roads and Infrastructure share of costs for the operation and maintenance of Regional Headquarters	38
Base Adjustments: Regional Roads and Infrastructure Subtotal	3,384
Net Changes: Regional Roads and Infrastructure	7,564

Details of Budget Changes Continued

Strategic Investments: Solid Waste Management	2024 Impact (\$ 000's)
New positions – details of the 0.25 FTEs are provided in in the Staffing Details section	45
Staffing provision to ensure availability of resources required to address increasing demands for services and a growing infrastructure base	200
Increase in DYEC operating costs (\$481k) and a reduction in revenue from sales of recovered materials (\$297k) due to lower commodity pricing. This is offset by a projected increase in electricity revenue (-\$215k) and an increase in the recovery from York Region (-\$100k). A decrease in projected by-passed tonnes (-\$711k) that is partially attributable to the introduction of the enhanced green bin program (this savings of \$521k is reflected in the bullet below)	273
Net savings of \$2,370k for Waste Management Services due to the Region's planned transition to the Extended Producer's Responsibility program effective July 1, 2024, and the launch of the enhanced green bin program. The savings have been used to partially fund the significant capital improvements at the Oshawa Waste Management facility in 2024 estimated at \$4.0 million. Future annual net savings will be used to fund large capital projects including the construction of an anaerobic digestion/pre-sort facility	-
Net revenue adjustments due to user rate increase and subsidy reductions	(331)
Net decrease in capital – see Appendix C for detailed project listing	(169)
Strategic Investments: Solid Waste Management Subtotal	18

Details of Budget Changes Continued

	2024 Impact (\$ 000's)
Base Adjustments: Solid Waste Management	
Economic increases	381
Annualization of 0.36 FTEs approved in the 2023 budget	23
Inflationary increases including waste processing and collection contracted services (\$1,922k), grounds maintenance (\$67k), insurance (\$28k)	2,153
Line-by-line savings	(183)
Increase in Work's – Solid Waste Management share of costs for the operation and maintenance of Regional Headquarters	11
Base Adjustments: Solid Waste Management Subtotal	2,385
Net Changes: Solid Waste Management	2,403
Net Changes: Works Department	9,967

Staffing Details

Regional Roads and Infrastructure	Full Time Equivalents (FTE's)
2023 Approved Complement	<u>454.698</u>
Positions Approved In-Year	
<p>Program Manager, Indigenous Implementation to strengthen relationships with the Indigenous communities and lead the consultation for development and implementation of regional road project engagement plans. (Note: this position is shared with Sanitary Sewerage, Water Supply, and Waste Management). (Note this position was approved in-year in accordance with Section 8.1 of the Budget Management Policy)</p>	0.250
<p>Works Technician 5 – conversion of a temporary position to a permanent position to support the advancement of building high-speed broadband infrastructure across the Region. The cost for this position is fully recovered from Durham OneNet Inc. (Note: This position conversion was approved in-year in accordance with Section 8.1 of the Budget Management Policy)</p>	1.000
Total Positions Approved In-Year	<u>1.250</u>
Proposed Position Transfers	
<p>Maintenance Depot supervisory positions were previously budgeted in Works General Tax with a portion of costs allocated to various water and sewer activities. For the 2024 budget, these positions have been transferred directly to the various water and sewer activities eliminating the need for allocation administration. There is no financial impact resulting from this change</p>	(13.970)

Staffing Details Continued

Realignment of staff resources to reflect actual effort on activities resulting in a net decrease in full-time equivalent staff charged to General Tax programs areas. (Note: the net adjustments for these positions between funds is zero. General Tax - 2.171 FTEs; Sanitary Sewerage + 1.526 FTEs; Water Supply + 0.74 FTEs; Solid Waste - 0.095 FTEs) (2.171)

Support Clerk (0.366 FTE) and Clerk 3 (3.0 FTEs) transferred to Service Durham to centralize and improve the customer experience across all channels within the Region (3.366)

Total Proposed Position Transfers (19.507)

Regional Roads Infrastructure Subtotal **436.441**

Solid Waste Management

Full Time Equivalents
(FTE's)

2023 Approved Complement 73.825

Positions Approved In-Year

Program Manager, Indigenous Implementation to strengthen relationships with the Indigenous communities and lead the consultation for development and implementation of waste capital infrastructure project engagement plans. (Note: this position is shared with Sanitary Sewerage, Water Supply, and General Tax). (Note this position was approved in-year in accordance with Section 8.1 of the Budget Management Policy) 0.250

Total Positions Approved In-Year 0.250

Staffing Details Continued

Proposed Position Transfers

Realignment of staff resources to reflect actual effort on activities resulting in a net decrease in full-time equivalent staff charged to Solid Waste programs areas. (Note: the net adjustments for these positions between funds is zero. General Tax - 2.171 FTEs; Sanitary Sewerage + 1.526 FTEs; Water Supply + 0.74 FTEs; Solid Waste - 0.095 FTEs)

(0.095)

Total Proposed Position Transfers

(0.095)

Solid Waste Management Subtotal

73.980

Total Complement: Works Department

510.421

Looking Forward

The Works Department provides public infrastructure and services including Regional roads, reliable solid waste services, and support for residents, businesses, and institutions so that healthy and sustainable communities thrive. To support these commitments the Region continues to modernize operations through a variety of initiatives including:

- Ongoing implementation of Vision Zero safety plan initiatives;
- Implementing climate mitigation and GHG reduction strategies and measures, including a proposed green roof at Regional Headquarters, piloting of low water/low mow and naturalized landscaping at Regional locations, conversion of the Region's fleet of vehicles and equipment to lower carbon options and pursuing deep energy retrofit projects;
- Refinement of design standards for Regional construction projects to further protect the natural environment and incorporate compliance measures related to the Excess Soil Management Regulation;
- Expansion and renewal of Regional infrastructure to ensure service levels keep pace with growth;
- Continued delivery of projects supporting the Community Housing Portfolio Revitalization work, advancing the At Home In Durham goals and objectives, and implementing the facility recommendations for various master plans, including the Master Plan for Paramedic Services, the Transit Master Plan, and the Depot Modernization and Rationalization plan;
- The utilization of technology such as artificial intelligence, sensors, drones, sonar and submersible cameras for inspections and assessments; and innovative mapping technology;
- Continued shift to digitized public facing services to enhance the experience of residents and business that access services provided by the Works Department, such as continued addition of permits to the system;
- Utilizing asset lifecycle data to forecast state of good repair needs for Regional assets collected through the Enterprise Maintenance Management System;
- Ongoing Workplace Modernization work, including construction of Phases 2 and 3 at Regional Headquarters, review and rationalization of the current building portfolio and implementation of Workplace Modernization principles;
- Introduction and expansion of advanced technologies and countermeasures to relieve traffic congestion; and

Looking Forward Continued

- Implementation of the Durham Building Standard, providing guidelines related to energy efficiency, greenhouse gas emissions and reductions, and incorporation of amenities that support diversity and inclusion in the workplace for all projects related to the construction or renovation/retrofit of Regional facilities.

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Region Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033		
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy						
Regional Roads and Infrastructure																	
Road / Structure Construction - Growth																	
	5																
	Reg. Rd. 1, Brock Rd. / Goodwood Rd. Intersection, Reconstruct to a roundabout, Uxbridge		-	-	-	165	-	-	69	466	-	-	-	700	701	9,150	10,551
	26																
	Reg. Rd. 4, Taunton Rd. / Anderson St. Intersection, Intersection modifications at Taunton Rd. / Anderson St. including Taunton Rd. / DDSB and Taunton Rd. / DRPS entrances, Whitby		-	-	-	103	-	-	44	293	-	-	-	440	4,620	-	5,060
	28																
	Reg. Rd. 4, Taunton Rd. from 0.4 km west of Solina Rd. to 0.2 km west of Bowmanville Ave., Reconstruct and modify intersection to a roundabout (Combined with rehab item 139), Clarington		-	-	-	59	-	-	25	166	-	-	-	250	-	5,500	5,750
	32																
	Reg. Rd. 14, Liberty St. from Baseline Rd. to King St., Widen road from 2 to 3 lanes. Associated water supply and sanitary sewer works, Clarington		-	-	-	122	-	-	23	155	-	-	-	300	2,200	7,650	10,150
	34																
	Reg. Rd. 14, Liberty St. from Longworth Ave. to Concession Rd. 3, Reconstruct and modify intersection to a roundabout at Concession Rd. 3 and signalization and modifications at Freeland Ave. - Bons Ave. (combined with road rehab item) Associated water supply works, Clarington		-	-	-	282	-	-	119	799	-	-	-	1,200	6,360	-	7,560
	38																
	Reg. Rd. 16, Ritson Rd. from north of Taunton Rd. to Conlin Rd., Widen road from 2 / 3 to 5 lanes, Oshawa		-	-	-	377	-	-	216	1,457	-	-	-	2,050	1,352	19,100	22,502
	58																
	Reg. Rd. 23, Lake Ridge Rd. from Bayly St. to Kingston Rd. - Dundas St., Widen road from 2 to 4 / 5 lanes, Ajax / Whitby		-	-	-	1,608	-	-	827	5,565	-	-	-	8,000	3,410	5,000	16,410
	63																
	Reg. Rd. 26, Thickson Rd. from Wentworth St. to C.N. Rail Kingston, Reconstruct and widen road from 2 to 4 lanes, Whitby		-	-	-	324	-	-	62	414	-	-	-	800	7,300	-	8,100

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy					
65 Reg. Rd. 26, Thickson Rd. / Rossland Rd. Intersection, Reconstruct and modify intersection, Whitby	-	-	-	1,410	-	-	-	594	3,996	-	-	-	6,000	996	-	6,996
72 Reg. Rd. 28, Rossland Rd. / Garden St. Intersection, Intersection modifications, Whitby	-	-	-	125	-	-	-	52	353	-	-	-	530	2,329	4,150	7,009
77 Reg. Rd. 31, Westney Rd. from Finley Ave. to Harwood Ave., Intersection modifications at Finley Ave., Monarch Ave., and Harwood Ave. (combined with road rehab item 159) Associated water supply works, Ajax	-	-	-	24	-	-	-	10	70	-	-	-	104	700	3,225	4,029
82 Reg. Rd. 33, Harmony Rd. from Conlin Rd. to Britannia Ave., Widen road from 2 to 4 lanes, Oshawa	-	-	-	98	-	-	-	46	306	-	-	-	450	-	8,455	8,905
92 Reg. Rd. 38, Whites Rd. from Finch Ave. to approximately 0.3 km south of Third Concession Rd., Widen road from 2 to 6 lanes to add HOV lanes, with new CPR grade separation, Pickering	-	-	-	474	-	-	-	288	1,938	-	-	-	2,700	1,200	45,000	48,900
93 Reg. Rd. 38, Whites Rd. from south of Third Concession Rd. to Taunton Rd., Construct new alignment to 6 lanes to add through lanes and HOV lanes, with new bridge crossing of West Duffins Creek. The Region's portion shown is for 1% of the project cost. Seaton Landowners responsible for 99% of the project cost, Pickering	-	-	-	79	-	-	-	54	367	-	-	-	500	400	1,500	2,400
105 Reg. Rd. 57, Bowmanville Ave. from Baseline Rd. to south of Reg. Hwy. 2, Widen road from 2 to 4 lanes from Baseline Rd. to S. of Hwy. 2, including structure widening. Associated water supply and sanitary sewer works, Clarington	-	-	-	673	-	-	-	237	1,590	-	-	-	2,500	3,901	38,985	45,386
Road / Structure Construction - Growth Subtotal			-	5,923	-	-	-	2,666	17,935	-	-	-	26,524	35,469	147,715	209,708

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024		Quantity	New / Replacement	2024 Proposed Financing								2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture					General Levy
Traffic Control & Other Programs - Growth																
120	Bridge and Pavement Management Program, Various	-	-	-	54	-	-	40	266	-	-	40	400	400	3,600	4,400
121	Signal Installation Program, Various	-	-	-	564	-	-	238	1,598	-	-	-	2,400	2,725	22,025	27,150
122	Intelligent Transportation System (ITS) Projects, Various	-	-	-	149	-	-	63	423	-	-	-	635	655	6,020	7,310
123	Engineering Activities, Various	-	-	-	61	-	-	44	300	-	-	45	450	450	4,050	4,950
124	Property Acquisition, Various	-	-	-	71	-	-	29	200	-	-	-	300	300	1,300	1,900
125	Roadside Landscaping Projects, Various	-	-	-	20	-	-	15	100	-	-	15	150	151	1,800	2,101
126	Contingencies Development Related, Various	-	-	-	71	-	-	29	200	-	-	-	300	300	2,700	3,300
127	Regional Share of Services for Residential Subdivision Development, Various	-	-	-	75	-	-	55	370	-	-	-	500	1,600	2,700	4,800
Traffic Control & Other Programs - Growth Subtotal				-	1,065	-	-	513	3,457	-	-	100	5,135	6,581	44,195	55,911
Transportation Plans & Studies - Growth																
128	Transportation Plans and Studies, Various ¹	-	-	-	500	-	-	-	-	-	-	-	500	-	1,450	1,950
Transportation Plans & Studies - Growth Subtotal				-	500	-	-	-	-	-	-	-	500	-	1,450	1,950

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024		Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy					
141	Reg. Rd. 5, Myrtle Rd. from Dagmar Rd. to west limit of Ashburn, Road rehabilitation, Whitby	-	-	-	-	-	-	-	-	-	2,800	-	-	2,800	-	-	2,800
142	Reg. Rd. 7, Island Rd. from Hwy. 7A to Gerrow Rd., Road rehabilitation, Scugog	-	-	-	100	-	-	-	-	-	-	-	-	100	300	2,500	2,900
145	Reg. Rd. 8, Reach St. from east of Old Simcoe St. to Bigelow St., Road rehabilitation / reconstruction, Scugog	-	-	-	3,100	-	-	-	-	-	-	-	-	3,100	550	-	3,650
146	Reg. Rd. 9, Ganaraska Rd. from 2.0 km east of Maynard Rd. to 0.4 km east of Newtonville Rd., Road rehabilitation / reconstruction in combination with Newtonville Rd., Clarington	-	-	-	100	-	-	-	-	-	-	-	-	100	700	4,400	5,200
147	Reg. Rd. 13, Zephyr Rd. from Conc. 3 (Reg. Rd. 39) to Conc. 4, Road rehabilitation / reconstruction, Uxbridge	-	-	-	520	-	-	-	-	-	-	-	-	520	9,050	-	9,570
151	Reg. Rd. 19, Shirley Rd. from Simcoe St. to 0.5 km east of Graham Rd., Road rehabilitation, Scugog	-	-	-	1,200	-	-	-	-	-	-	-	-	1,200	-	-	1,200
152	Reg. Rd. 19, Shirley Rd. from 0.5 km east of Graham Rd. to Old Scugog Rd., Road reconstruction, Scugog	-	-	-	1,000	-	-	-	-	-	-	-	-	1,000	-	9,800	10,800
153	Reg. Rd. 21, Goodwood Rd. from Reg. Hwy. 47 to Ridge Rd., Urbanize road and modify corridor through hamlet of Goodwood, including streetscape modifications, Uxbridge	-	-	-	500	-	-	-	-	-	-	-	-	500	-	5,100	5,600
154	Reg. Rd. 23, Lake Ridge Rd. from 0.1 km south of Vallentyne to 0.25 km north of Ravenshoe Rd., Road rehabilitation and curve reconfiguration, Uxbridge / Brock	-	-	-	150	-	-	-	-	-	-	-	-	150	450	2,500	3,100

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Region Budget 2024		Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy					
Structure Rehabilitation / Replacement																	
170	Bridge Maintenance and Repairs Program, Various	-	-	-	-	-	-	-	-	-	-	-	260	260	260	2,340	2,860
171	Culvert Maintenance and Repairs Program, Various	-	-	-	-	-	-	-	-	-	-	-	250	250	250	2,250	2,750
179	Reg. Rd. 4, W.A. Twelvetees Bridge, 0.3 km east of Whites Rd., Bridge rehabilitation of existing 4 lane structure, Pickering	-	-	-	200	-	-	-	-	-	-	-	200	450	7,500	8,150	
187	Reg. Rd. 4, Wilmot Creek Bridge, 1.3 km east of Reg. Rd. 42, Bridge rehabilitation, Clarington	-	-	-	125	-	-	-	-	-	-	-	125	-	1,450	1,575	
191	Reg. Rd. 5, Central St. Over Mitchell Creek Tributary Bridge, 1 km west of Brock Rd., Bridge replacement, Pickering	-	-	-	650	-	-	-	-	850	-	-	1,500	450	-	1,950	
192	Reg. Rd. 5, Ninth Concession Rd. Over Duffins Creek Tributary Culvert, 0.05 km west of Sideline 12, Culvert replacement, Pickering	-	-	-	650	-	-	-	-	1,300	-	-	1,950	100	-	2,050	
193	Reg. Rd. 6, Saintfield Rd. Bridge, 4 km east of Hwy. 12, Bridge replacement, Scugog	-	-	-	900	-	-	-	-	3,100	-	-	4,000	400	-	4,400	
195	Reg. Rd. 8 Over Pefferlaw Brook Tributary Culvert, 0.3 km west of Concession 4, Culvert replacement, Uxbridge	-	-	-	175	-	-	-	-	-	-	-	175	-	1,000	1,175	
198	Reg. Rd. 9, Ganaraska Rd. Cross Culvert, east of Regional Road 18, Culvert replacement, Clarington	-	-	-	100	-	-	-	-	-	-	-	100	-	-	100	
200	Reg. Rd. 12, Dobson Bridge, 0.2 km east of McRae St., Bridge rehabilitation in conjunction with watermain replacement, Brock	-	-	-	125	-	-	-	-	-	-	-	125	-	1,500	1,625	

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024		Quantity	New / Replacement	2024 Proposed Financing								2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture					General Levy
212	Reg. Rd. 20, Mosport Rd. west of Liberty St. north Cross-culvert, Culvert replacement, Clarington	-	-	-	120	-	-	-	-	-	-	-	120	-	770	890
213	Reg. Rd. 22, Bayly St. at Westshore Blvd. Culvert, Culvert rehabilitation, Pickering	-	-	-	125	-	-	-	-	-	-	-	125	-	1,500	1,625
216	Reg. Rd. 23, Lake Ridge Rd. Culvert north of Reg. Rd. 12, Culvert replacement, Brock	-	-	-	150	-	-	-	-	-	-	-	150	-	2,000	2,150
218	Reg. Rd. 26, Thicksen Rd. Culvert at Wentworth St., Culvert rehabilitation in conjunction with watermain replacement, Whitby	-	-	-	300	-	-	-	-	1,000	-	-	1,300	50	-	1,350
219	Reg. Rd. 26, Thicksen Rd. south of Taunton Rd. Cross-culvert , Culvert replacement, Whitby	-	-	-	280	-	-	-	-	-	-	-	280	-	1,840	2,120
223	Reg. Rd. 28, Rossland Rd. west of Anderson St. Cross-culvert , Culvert replacement, Whitby	-	-	-	250	-	-	-	-	-	-	-	250	-	1,620	1,870
226	Reg. Rd. 31, Westney Rd. Over Miller Creek West Bridge, 0.1 km north of Ritchie Ave., Bridge rehabilitation, Ajax	-	-	-	100	-	-	-	-	-	-	-	100	-	1,100	1,200
227	Reg. Rd. 31, Westney Rd. Over Miller Creek East Bridge, 0.1 km north of Ritchie Ave., Bridge rehabilitation, Ajax	-	-	-	100	-	-	-	-	-	-	-	100	-	750	850
228	Reg. Rd. 31, Westney Rd. Over CPR Bridge, 0.4 km north of Taunton Rd., Bridge rehabilitation, Ajax	-	-	-	350	-	-	-	-	-	-	-	350	-	4,200	4,550
233	Reg. Rd. 34, Courtice Rd. north of Reg. Hwy. 2 Cross-culvert , Culvert replacement, Clarington	-	-	-	270	-	-	-	-	-	-	-	270	-	1,780	2,050

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

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Durham Budget 2024		Quantity	New / Replacement	2024 Proposed Financing								2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture					General Levy
234	Reg. Rd. 34, Enfield Rd. south of Hwy. 407 Cross-culvert , Culvert replacement, Clarington	-	-	-	80	-	-	-	-	-	-	80	-	490	570	
242	Reg. Rd. 57, Bowmanville Creek Bridge, 1.9 km north of Reg. Hwy. 2, Bridge rehabilitation, Clarington	-	-	-	250	-	-	-	-	-	-	250	150	4,800	5,200	
243	Reg. Rd. 57, Burketon CPR Bridge, 3.3 km south of Shirley Rd., Bridge Replacement, Clarington	-	-	-	2,500	-	-	-	-	3,500	-	6,000	7,142	-	13,142	
Structure Rehabilitation / Replacement Subtotal				-	7,800	-	-	-	-	9,750	-	510	18,060	9,252	36,890	64,202
Traffic Control & Other Programs - Non-Growth																
249	Miscellaneous Road and Storm Sewer Reconstruction Projects, Various	-	-	-	-	-	-	-	-	-	-	400	400	400	3,600	4,400
250	Signal Modernization Program, Various	-	-	-	-	-	-	-	-	-	-	1,510	1,510	1,640	14,950	18,100
251	Accessible Pedestrian Signal (APS) Installation Program, Various	-	-	-	-	-	-	-	-	-	-	1,000	1,000	1,000	7,800	9,800
252	Advance Traffic Management Systems (ATMS) Upgrades, Various	-	-	-	1,325	-	-	-	-	-	-	430	1,755	100	815	2,670
253	Uninterruptible Power Supply (UPS) Installation Program, Various	-	-	-	-	-	-	-	-	-	-	500	500	500	4,500	5,500
254	Contingencies Non-Development Related, Various	-	-	-	-	-	-	-	-	-	-	100	100	100	900	1,100
Traffic Control & Other Programs - Non-Growth Subtotal				-	1,325	-	-	-	-	-	-	3,940	5,265	3,740	32,565	41,570
Road & Traffic Safety Program (Vision Zero)																
255	Roadside Safety Program, Various	-	-	-	-	-	-	-	-	-	-	800	800	1,000	7,200	9,000

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033			
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy							
256			Durham Vision Zero Program, Various	-	-	-	650	-	-	-	-	-	-	650	675	1,314	2,639	
Road & Traffic Safety Program (Vision Zero) Subtotal				-	650	-	-	-	-	-	-	800	1,450	1,675	8,514	11,639		
Cycling Infill Projects																		
257			Cycling Infill Projects, Various	-	-	-	724	-	-	23	153	-	-	900	700	12,400	14,000	
Cycling Infill Projects Subtotal				-	724	-	-	-	23	153	-	-	900	700	12,400	14,000		
Building & Structures																		
258			Depot Rationalization - Ajax Depot Expansion ²	-	-	-	-	503	440	691	4,783	-	5,250	-	11,667	-	-	11,667
261			Depot Rationalization - New Oshawa/Whitby Depot ³	-	-	-	-	56	49	78	534	-	950	-	1,667	-	55,000	56,667
264			Depot Rationalization - New Sunderland Depot ⁴	-	-	-	-	82	72	113	733	-	333	-	1,333	-	14,000	15,333
269	1	Replacement	Materials Testing Lab Relocation - Oshawa/Whitby Depot	-	-	-	-	-	-	-	-	-	-	668	668	-	-	668
270	1	Replacement	Repairs and Epoxy Coat Fleet Bay - Scugog Depot	-	-	-	-	-	-	-	-	-	-	57	57	-	-	57
274	1	Replacement	Roof Replacement on Vehicle Storage Bays - Orono Depot	-	-	-	-	-	-	-	-	-	-	173	173	-	-	173
275	1	Replacement	Thermal Glass Panels for Rollup Doors and Door operators - Orono Depot	-	-	-	-	-	-	-	-	-	-	66	66	-	-	66
276	1	Replacement	Widening of Existing Canopy Entrance - Sunderland Depot	-	-	-	-	-	-	-	-	-	-	41	41	-	-	41
Building & Structures Subtotal				-	-	641	561	882	6,050	-	6,533	1,005	15,672	-	69,000	84,672		

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Region Budget 2024		Quantity	New / Replacement	2024 Proposed Financing								2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture					General Levy
Machinery & Equipment																
282	Latex Printer/Cutter - Traffic Engineering & Operations	1	New	-	-	-	-	-	-	-	-	-	-	-	35	35
290	Rollover flat bed applicator - Traffic Engineering & Operations	1	Replacement	-	-	-	-	-	-	-	-	-	-	-	32	32
292	Security Platform Replacement - Various Locations	7	Replacement	-	-	-	-	-	-	-	-	13	13	-	-	13
294	Survey GPS Instrument - Construction	1	Replacement	-	-	-	-	-	-	-	-	10	10	-	-	10
295	Survey Total Station Replacement - Construction	1	Replacement	-	-	-	-	-	-	-	-	17	17	-	-	17
Machinery & Equipment Subtotal				-	-	-	-	-	-	-	-	40	40	-	67	107
Information Technology Infrastructure																
299	Computers & Monitors Refresh - Financial Services	1	Replacement	-	-	-	-	-	-	-	-	223	223	-	-	223
302	Large Format Colour Plotter - Traffic Engineering & Operations	1	Replacement	-	-	-	-	-	-	-	-	30	30	-	-	30
303	Power Laptops - Various Locations	4	New	-	-	-	-	-	-	-	-	10	10	-	-	10
Information Technology Infrastructure Subtotal				-	-	-	-	-	-	-	-	263	263	-	-	263
Vehicles																
307	1 Ton Plow Truck - Ajax Depot	1	Replacement	-	145	-	-	-	-	-	-	-	145	-	-	145
308	1 Ton Plow Truck - Sunderland Depot	1	Replacement	-	145	-	-	-	-	-	-	-	145	-	-	145

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024		Quantity	New / Replacement	2024 Proposed Financing								2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture					General Levy
309	1/2 ton Pick-up Truck - Traffic Engineering & Operations	7	Replacement	-	735	-	-	-	-	-	-	-	735	-	-	735
309	1/2 ton Pick-up Truck - Traffic Engineering & Operations	1	New	-	-	-	-	-	-	-	-	105	105	-	-	105
312	3 Ton Crew Cab - Various Locations	9	Replacement	-	1,835	-	-	-	-	-	-	-	1,835	-	-	1,835
313	3 Ton Service Truck - Traffic Engineering & Operations	2	Replacement	-	1,100	-	-	-	-	-	-	-	1,100	-	-	1,100
314	3/4 Ton Pick Up Truck - Various Locations	1	Replacement	-	125	-	-	-	-	-	-	-	125	-	-	125
315	3/4 Ton Van - Ajax WSP	1	Replacement	-	160	-	-	-	-	-	-	-	160	-	-	160
316	5 Ton Flatbed - Traffic Engineering & Operations	1	New	-	-	-	-	-	-	-	-	625	625	-	-	625
317	6 Ton Tandem - Orono Depot	1	Replacement	-	649	-	-	-	-	-	-	-	649	-	-	649
318	6 Ton Tandem - Oshawa/Whitby Depot	1	Replacement	-	650	-	-	-	-	-	-	-	650	-	-	650
319	6 Ton Tandem - Sunderland Depot	1	Replacement	-	650	-	-	-	-	-	-	-	650	-	-	650
321	Asphalt Hot Box - Ajax Depot	1	Replacement	-	72	-	-	-	-	-	-	-	72	-	-	72
322	Asphalt Hot Box - Orono Depot	1	Replacement	-	72	-	-	-	-	-	-	-	72	-	-	72
323	Asphalt Hot Box - Oshawa/Whitby Depot	1	Replacement	-	72	-	-	-	-	-	-	-	72	-	-	72

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Region Durham Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy				
324 Asphalt Hot Box - Scugog Depot	1	Replacement	-	72	-	-	-	-	-	-	-	72	-	-	72
325 Asphalt Hot Box - Sunderland Depot	2	Replacement	-	144	-	-	-	-	-	-	-	144	-	-	144
327 Breaker - Various Locations	3	Replacement	-	150	-	-	-	-	-	-	-	150	-	-	150
328 Cube Van - 289 Water St	1	Replacement	-	165	-	-	-	-	-	-	-	165	-	-	165
329 Emergency Fleet Equipment Replacement - Fleet	1	Replacement	-	295	-	-	-	-	-	-	-	295	-	-	295
332 Forklift - Ajax Depot	1	Replacement	-	-	-	-	-	-	-	-	42	42	-	-	42
333 Generator - Oshawa/Whitby Depot	1	Replacement	-	15	-	-	-	-	-	-	-	15	-	-	15
334 Geodimeter - Construction	3	Replacement	-	396	-	-	-	-	-	-	-	396	-	-	396
335 Gradall - Orono Depot	1	Replacement	-	950	-	-	-	-	-	-	-	950	-	-	950
336 Gradall - Sunderland Depot	1	Replacement	-	950	-	-	-	-	-	-	-	950	-	-	950
340 Large Paint Truck - Traffic Engineering & Operations	1	Replacement	-	1,100	-	-	-	-	-	-	-	1,100	-	-	1,100
341 Liquid Spray Tank - Various Locations	3	Replacement	-	300	-	-	-	-	-	-	-	300	-	-	300
342 Pole Trailer - Sunderland Depot	1	Replacement	-	50	-	-	-	-	-	-	-	50	-	-	50

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

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Durham Region Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy					
345	1	New	-	-	-	-	-	-	-	-	-	167	167	-	-	167
346	1	Replacement	-	30	-	-	-	-	-	-	-	-	30	-	-	30
347	1	Replacement	-	35	-	-	-	-	-	-	-	-	35	-	-	35
348	1	Replacement	-	882	-	-	-	-	-	-	-	-	882	-	-	882
349	1	Replacement	-	20	-	-	-	-	-	-	-	-	20	-	-	20
350	1	Replacement	-	300	-	-	-	-	-	-	-	-	300	-	-	300
352	1	Replacement	-	85	-	-	-	-	-	-	-	-	85	-	-	85
355	4	Replacement	-	83	-	-	-	-	-	-	-	-	83	-	-	83
358	1	Replacement	-	32	-	-	-	-	-	-	-	-	32	-	-	32
359	7	Replacement	-	350	-	-	-	-	-	-	-	-	350	-	-	350
360	1	Replacement	-	30	-	-	-	-	-	-	-	-	30	-	-	30
361	4	Replacement	-	2,180	-	-	-	-	-	-	-	-	2,180	-	-	2,180
361	1	New	-	-	-	-	-	-	-	-	-	188	188	-	-	188

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy				
362 Water Pump - Various Locations	3	Replacement	-	18	-	-	-	-	-	-	-	18	-	-	18
Vehicles Subtotal			-	15,042	-	-	-	-	-	-	1,127	16,169	-	-	16,169
Furniture & Fixtures															
365 Parts Cabinets - Various Locations	117	New	-	-	-	-	-	-	-	-	-	125	-	-	125
Furniture & Fixtures Subtotal			-	-	-	-	-	-	-	-	-	125	-	-	125
Total Capital Regional Roads and Infrastructure			-	62,495	641	561	4,974	33,584	43,592	6,533	8,760	161,140	210,966	726,921	1,099,027

* Rows and columns may not add due to rounding

** Appendix A includes Subsidy/Grant financing of \$19.850 million from the Canada-Community Building Fund (Federal Gas Tax) and \$23.742 million from the Investing in Canada Infrastructure Program (ICIP) Grant

*** Appendix A includes Reserve/Reserve Fund financing as follows:

	2024
Reserve Fund	
Equipment Replacement Reserve	15,042
Capital Impact Stabilization Reserve Fund	1,325
Roads Rehab Reserve Fund	27,710
Bridge Rehab Reserve Fund	7,800
Regional Roads Levy	9,424
Vision Zero Reserve Fund	650
Transit Capital Reserve Fund	544
Total Reserve/Reserve Fund Financing	62,495

**** Appendix A includes financing of the following development charge shortfalls as follows:

	2024
DC Shortfall	
Residential DC Shortfall	-
Commercial DC Shortfall	-
Institutional DC Shortfall	2,605
Industrial DC Shortfall	2,976
Total DC Shortfall	5,581
Shortfall Financing Source	
Regional Roads Levy	5,581
Total Funding	5,581

Appendix A: 2024 Regional Roads and Infrastructure Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix B for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy				

***** Project Notes:

¹ Project 128 Transportation Plans and Studies - The provincial government is currently reviewing changes made to the Development Charges Act that deem growth related studies as ineligible for development charge funding. Should this review result in these costs now being eligible for development charge financing, the Commissioner of Finance/Regional Treasurer will adjust the financing to apply development charges.

² Project 258 Depot Rationalization-Ajax Depot Expansion - The budget of \$11.667 million is the 2024 general tax portion. The estimated total cost is \$40.000 million with \$13.333 million funded from the General Tax Fund, \$13.333 million funded from the Water Supply Fund, and \$13.334 million funded from the Sanitary Sewerage Fund.

³ Project 261 Depot Rationalization-New Oshawa/Whitby Depot Expansion - The budget of \$1.667 million is the 2024 general tax portion. The estimated total cost is \$208.000 million with \$69.334 million funded from the General Tax Fund, \$69.333 million funded from the Water Supply Fund, and \$69.333 million funded from the Sanitary Sewerage Fund.

⁴ Project 264 Depot Rationalization-New Sunderland Depot - The budget of \$1,333 million is the 2024 general tax portion. The estimated total cost is \$50.000 million with \$16.666 million funded from the General Tax Fund, \$16.667 million funded from the Water Supply Fund, and \$16.667 million funded from the Sanitary Sewerage Fund.

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Regional Roads and Infrastructure									
Road / Structure Construction - Growth									
1	Reg. Rd. 1, Brock Rd. from Finch Ave. to Taunton Rd.,	Pre-Construction	-	-	-	-	-	6,745	6,745
	Widen road from 5 to 7 lanes to add HOV lanes,	Construction	-	-	-	-	-	61,800	61,800
	including structure widening, Pickering	Total	-	-	-	-	-	68,545	68,545
2	Reg. Rd. 1, Brock Rd. from Taunton Rd. to Alexander	Pre-Construction	-	-	1,250	-	-	-	1,250
	Knox Rd. - 5th Concession Rd., Widen road from 2 to 4	Construction	-	-	1,500	-	-	-	1,500
	lanes including intersection modifications at Brock Rd.	Total	-	-	2,750	-	-	-	2,750
and Taunton Rd. The Region's portion shown is for 10% of the intersection project cost. Seaton Landowners responsible for 90% of the Intersection cost, Pickering									
3	Reg. Rd. 1, Brock Rd. from Taunton Rd. to Alexander	Pre-Construction	-	-	-	1,545	515	2,100	4,160
	Knox Rd. - 5th Concession Rd., Widen road from 4 to 6	Construction	-	-	-	-	-	14,935	14,935
	lanes to add HOV lanes, Pickering	Total	-	-	-	1,545	515	17,035	19,095
4	Reg. Rd. 1, Brock Rd. / 7th Concession Rd.	Pre-Construction	-	-	320	320	-	-	640
	Intersection, Intersection modifications, Pickering	Construction	-	-	-	-	-	5,305	5,305
		Total	-	-	320	320	-	5,305	5,945
5	Reg. Rd. 1, Brock Rd. / Goodwood Rd. Intersection,	Pre-Construction	700	600	550	-	-	-	1,150
	Reconstruct to a roundabout, Uxbridge	Construction	-	-	-	8,000	-	-	8,000
		Total	700	600	550	8,000	-	-	9,150
6	Reg. Rd. 1, Brock Rd. / Reg. Hwy. 47 Intersection,	Pre-Construction	-	-	-	-	515	620	1,135
	Intersection modifications, Uxbridge	Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	-	515	5,770	6,285

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
7	Reg. Rd. 2, Simcoe St. / Russett Ave. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	515	310	310	-	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	515	310	310	5,150	6,285
8	Reg. Rd. 2, Simcoe St. from north of Hwy. 407 to future arterial road, Widen road from 2 to 4 lanes (To be confirmed in future DC By-law or By-law amendment), Oshawa	Pre-Construction	-	-	-	-	-	1,250	1,250
		Construction	-	-	-	-	-	2,750	2,750
		Total	-	-	-	-	-	4,000	4,000
9	Reg. Rd. 2, Simcoe St. from future arterial road to 0.5 km north of Ridge Top Ct., Modify corridor (To be confirmed in future DC By-law or By-law amendment), Oshawa	Pre-Construction	-	-	-	-	-	1,000	1,000
		Construction	-	-	-	-	-	4,000	4,000
		Total	-	-	-	-	-	5,000	5,000
10	Reg. Rd. 2, Simcoe St. / Howden Rd. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	-	-	50	1,050	1,100
		Construction	-	-	-	-	-	2,000	2,000
		Total	-	-	-	-	50	3,050	3,100
11	Reg. Rd. 2, Simcoe St. / Shirley Rd. Intersection, Intersection modifications, Scugog	Pre-Construction	-	-	300	300	-	-	600
		Construction	-	-	-	-	-	5,000	5,000
		Total	-	-	300	300	-	5,000	5,600
12	Reg. Rd. 2, Simcoe St. / King St. - Oyler St. Intersection, Widen road from 2 to 3 lanes. Including intersection modifications at King St. - Oyler St., Scugog	Pre-Construction	-	-	-	515	310	310	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	515	310	5,460	6,285
13	Reg. Rd. 2, Simcoe St. from south of King St. to south of Greenway Blvd., Widen road from 2 to 3 lanes. Including intersection modifications at King St. - Oyler St., Scugog	Pre-Construction	-	-	310	720	425	425	1,880
		Construction	-	-	-	-	-	2,100	2,100
		Total	-	-	310	720	425	2,525	3,980

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
14	Reg. Rd. 2, Simcoe St. / Whitfield Rd. Intersection, Intersection modifications, Scugog	Pre-Construction	-	-	500	310	310	-	1,120
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	500	310	310	5,150	6,270
15	Reg. Rd. 2, Simcoe St. / Saintfield Rd. Intersection, Intersection modifications, Scugog	Pre-Construction	-	-	-	515	310	310	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	515	310	5,460	6,285
16	Reg. Rd. 3, Winchester Rd. from Garrard Rd. to Simcoe St., Widen road from 2 to 4 lanes, Whitby / Oshawa	Pre-Construction	-	-	-	1,050	-	5,725	6,775
		Construction	-	-	-	-	-	18,540	18,540
		Total	-	-	-	1,050	-	24,265	25,315
17	Reg. Rd. 3, Winchester Rd. / Bridle Rd. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	500	310	310	-	1,120
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	500	310	310	5,150	6,270
18	Reg. Rd. 3 / Enfield Rd. Intersection, Intersection modifications, Clarington	Pre-Construction	-	200	310	310	-	-	820
		Construction	-	-	-	-	5,150	-	5,150
		Total	-	200	310	310	5,150	-	5,970
19	Reg. Rd. 3 / Old Scugog Rd. Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	400	105	-	-	505
		Construction	-	-	-	-	1,545	-	1,545
		Total	-	-	400	105	1,545	-	2,050
20	Reg. Rd. 4, Taunton Rd. from Toronto / Pickering Townline to west of Twelvetrees Bridge, Widen road from 4 to 6 lanes to add HOV lanes, Pickering	Pre-Construction	-	-	-	2,575	-	2,595	5,170
		Construction	-	-	-	-	-	22,660	22,660
		Total	-	-	-	2,575	-	25,255	27,830
21	Reg. Rd. 4, Taunton Rd. from west of Twelvetrees Bridge to east limit of Phase 1 / Peter Matthews Dr., Widen road from 4 to 6 lanes to add HOV lanes, including structure widening, Pickering	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	5,170	5,170
		Total	-	-	-	-	-	5,170	5,170

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
22	Reg. Rd. 4, Taunton Rd. from Peter Matthews Dr. to Brock Rd., Widen road from 4 to 6 / 7 lanes to add HOV lanes including structure widening, Pickering	Pre-Construction	-	-	-	2,100	515	1,050	3,665
		Construction	-	-	-	-	-	48,100	48,100
		Total	-	-	-	2,100	515	49,150	51,765
23	Reg. Rd. 4, Taunton Rd. from Brock Rd. to Lake Ridge Rd., Widen road from 5 to 7 lanes to add HOV lanes including structure widening, Pickering / Ajax / Whitby	Pre-Construction	-	-	-	2,100	-	15,500	17,600
		Construction	-	-	-	-	-	101,765	101,765
		Total	-	-	-	2,100	-	117,265	119,365
24	Reg. Rd. 4, Taunton Rd. from Lake Ridge Rd. to Brock St. / Baldwin St., Widen road from 5 to 7 lanes to add HOV lanes, Ajax / Whitby	Pre-Construction	-	-	-	2,100	-	7,300	9,400
		Construction	-	-	-	-	-	48,000	48,000
		Total	-	-	-	2,100	-	55,300	57,400
25	Reg. Rd. 4, Taunton Rd. from Brock St. / Baldwin St. to Simcoe St., Widen road from 5 to 7 lanes to add HOV lanes, Whitby / Oshawa	Pre-Construction	-	-	-	2,100	2,100	4,200	8,400
		Construction	-	-	-	-	-	105,100	105,100
		Total	-	-	-	2,100	2,100	109,300	113,500
26	Reg. Rd. 4, Taunton Rd. / Anderson St. Intersection, Intersection modifications at Taunton Rd. / Anderson St. including Taunton Rd. / DDSB and Taunton Rd. / DRPS entrances, Whitby	Pre-Construction	440	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-
		Total	440	-	-	-	-	-	-
27	Reg. Rd. 4, Taunton Rd. / Courtice Rd. Intersection, Reconstruct and modify intersection to a roundabout, Clarington	Pre-Construction	-	-	500	-	-	-	500
		Construction	-	-	-	11,845	-	-	11,845
		Total	-	-	500	11,845	-	-	12,345
28	Reg. Rd. 4, Taunton Rd. from 0.4 km west of Solina Rd. to 0.2 km west of Bowmanville Ave., Reconstruct and modify intersection to a roundabout (Combined with rehab item 139), Clarington	Pre-Construction	250	500	-	-	-	-	500
		Construction	-	-	-	5,000	-	-	5,000
		Total	250	500	-	5,000	-	-	5,500
29	Reg. Rd. 4, Taunton Rd. / Reg. Rd. 42 Darlington - Clarke Townline Intersection, Reconstruct and modify intersection to a roundabout, Clarington	Pre-Construction	-	205	310	-	-	-	515
		Construction	-	-	-	5,150	-	-	5,150
		Total	-	205	310	5,150	-	-	5,665

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
30	Reg. Rd. 5, Central St. from 0.15 km west of Canso Dr. to Brock Rd., Urbanize road and modify corridor through village of Clarendon, including streetscape modifications, Pickering	Pre-Construction	-	-	350	310	210	210	1,080
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	350	310	210	5,360	6,230
31	Reg. Rd. 10, River St. / Lake Ridge Rd. Intersection, Intersection modifications, Brock	Pre-Construction	-	-	500	310	310	-	1,120
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	500	310	310	5,150	6,270
32	Reg. Rd. 14, Liberty St. from Baseline Rd. to King St., Widen road from 2 to 3 lanes. Associated water supply and sanitary sewer works, Clarington	Pre-Construction	300	400	-	-	-	-	400
		Construction	-	-	7,250	-	-	-	7,250
		Total	300	400	7,250	-	-	-	7,650
33	Reg. Rd. 14, Liberty St. / Meadowview Blvd. - Scottsdale Dr. Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	400	210	310	-	920
		Construction	-	-	-	-	-	3,200	3,200
		Total	-	-	400	210	310	3,200	4,120
34	Reg. Rd. 14, Liberty St. from Longworth Ave. to Concession Rd. 3, Reconstruct and modify intersection to a roundabout at Concession Rd. 3 and signalization and modifications at Freeland Ave. - Bons Ave. (combined with road rehab item) Associated water supply works, Clarington	Pre-Construction	1,200	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-
		Total	1,200	-	-	-	-	-	-
35	Reg. Rd. 16, Ritson Rd. / Bloor St. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	-	515	310	310	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	515	310	5,460	6,285

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
36	Reg. Rd. 16, Ritson Rd. / William St. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	-	-	420	550	970
		Construction	-	-	-	-	-	3,200	3,200
		Total	-	-	-	-	420	3,750	4,170
37	Reg. Rd. 16, Ritson Rd. / Beatrice St. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	150	275	50	-	-	475
		Construction	-	-	-	-	2,575	-	2,575
		Total	-	150	275	50	2,575	-	3,050
38	Reg. Rd. 16, Ritson Rd. from north of Taunton Rd. to Conlin Rd., Widen road from 2 / 3 to 5 lanes, Oshawa	Pre-Construction	2,050	-	-	300	800	-	1,100
		Construction	-	-	4,000	-	-	14,000	18,000
		Total	2,050	-	4,000	300	800	14,000	19,100
39	Reg. Rd. 16, Ritson Rd. from Conlin Rd. to Britannia Ave., Widen road from 2 to 4 lanes (To be confirmed in future DC By-law or By-law amendment), Oshawa	Pre-Construction	-	-	-	-	-	1,750	1,750
		Construction	-	-	-	-	-	3,500	3,500
		Total	-	-	-	-	-	5,250	5,250
40	Reg. Rd. 17 from north of CPR to Concession Rd. 3, Widen road and construct new alignment from 2 to 3 lanes, Clarington	Pre-Construction	-	-	-	1,050	1,050	515	2,615
		Construction	-	-	-	-	-	6,900	6,900
		Total	-	-	-	1,050	1,050	7,415	9,515
41	Reg. Rd. 19, Shirley Rd. / Reg. Rd. 57 Intersection, Intersection modifications, Scugog	Pre-Construction	-	-	-	-	515	620	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	-	515	5,770	6,285
42	Reg. Rd. 21, Goodwood Rd. / Concession Rd. 6 Intersection, Intersection modifications, Uxbridge	Pre-Construction	-	-	500	310	310	-	1,120
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	500	310	310	5,150	6,270
43	Reg. Rd. 22, Bayly St. from Liverpool Rd. to Brock Rd., Widen road from 5 to 6 / 7 lanes to add HOV lanes, Pickering	Pre-Construction	-	-	-	1,000	2,100	3,090	6,190
		Construction	-	-	-	-	-	21,225	21,225
		Total	-	-	-	1,000	2,100	24,315	27,415

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

Durham Budget 2024		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
44	Reg. Rd. 22, Bayly St. / Sandy Beach Rd. Intersection, Intersection modifications, Pickering	Pre-Construction	-	-	-	-	415	105	520
		Construction	-	-	-	-	-	3,100	3,100
		Total	-	-	-	-	415	3,205	3,620
45	Reg. Rd. 22, Bayly St. from Brock Rd. to Westney Rd., Widen road from 5 to 7 lanes to add HOV lanes including structure widening, Pickering / Ajax	Pre-Construction	-	-	1,545	-	2,575	1,545	5,665
		Construction	-	-	-	-	-	30,900	30,900
		Total	-	-	1,545	-	2,575	32,445	36,565
46	Reg. Rd. 22, Bayly St. from Westney Rd. to Harwood Ave., Widen road from 5 to 7 lanes to add HOV lanes. Associated water supply and sanitary sewer works, Ajax	Pre-Construction	-	-	310	515	415	515	1,755
		Construction	-	-	-	-	-	15,450	15,450
		Total	-	-	310	515	415	15,965	17,205
47	Reg. Rd. 22, Bayly St. from Harwood Ave. to Salem Rd., Widen road from 4 to 6 lanes to add HOV lanes, Ajax	Pre-Construction	-	-	-	1,050	1,050	2,100	4,200
		Construction	-	-	-	-	-	16,500	16,500
		Total	-	-	-	1,050	1,050	18,600	20,700
48	Reg. Rd. 22, Bayly St. from Salem Rd. to Lake Ridge Rd., Widen road from 4 to 6 lanes to add HOV lanes, Ajax	Pre-Construction	-	-	-	1,050	2,100	3,150	6,300
		Construction	-	-	-	-	-	26,100	26,100
		Total	-	-	-	1,050	2,100	29,250	32,400
49	Reg. Rd. 22, Victoria St. / Brock St. Intersection, Intersection modifications, Whitby	Pre-Construction	-	150	310	210	-	-	670
		Construction	-	-	-	-	4,120	-	4,120
		Total	-	150	310	210	4,120	-	4,790
50	Reg. Rd. 22, Victoria St. from South Blair St. to west of Thickson Rd., Construct new alignment and widen road to 5 lanes. Associated water supply - feedermain works, Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	2,800	-	-	-	-	2,800
		Total	-	2,800	-	-	-	-	2,800
51	Reg. Rd. 22, Victoria St. / Thickson Rd. Intersection, Intersection modification. Associated water supply works, Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	1,100	-	-	-	-	1,100
		Total	-	1,100	-	-	-	-	1,100

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
52	Reg. Rd. 22, Victoria St. / Bloor St. from east of Thickson Rd. to west of Stevenson Rd., Widen road from 2 / 3 to 4 / 5 lanes. Associated water supply works, Whitby / Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	14,000	-	-	-	-	14,000
		Total	-	14,000	-	-	-	-	14,000
53	Reg. Rd. 22, Bloor St. from Ritson Rd. to Farewell St., Widen road from 3 to 5 lanes including intersection modifications at Bloor St. and Ritson Rd., Oshawa	Pre-Construction	-	-	-	775	1,050	790	2,615
		Construction	-	-	-	-	-	8,250	8,250
		Total	-	-	-	775	1,050	9,040	10,865
54	Reg. Rd. 22, Bloor St. from east of Harmony Rd. to Grandview St., Realignment and widen existing road to 4 / 5 lanes with new CP Rail grade separation, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	25,000	-	-	-	25,000
		Total	-	-	25,000	-	-	-	25,000
55	Reg. Rd. 22, Bloor St. from Grandview St. to Prestonvale Rd., Widen road from 2 to 4 lanes, Oshawa / Clarington	Pre-Construction	-	-	1,050	1,550	3,100	1,550	7,250
		Construction	-	-	-	-	-	11,850	11,850
		Total	-	-	1,050	1,550	3,100	13,400	19,100
56	Reg. Rd. 22, Bloor St. from Prestonvale Rd. to Courtice Rd., Widen road from 2 to 3 lanes and modify profile. Associated water supply - feedermain (Townline Rd. to Trulls Rd.) and sanitary sewer - Trunk Sewer, Clarington	Pre-Construction	-	-	725	1,050	515	415	2,705
		Construction	-	-	-	-	-	17,100	17,100
		Total	-	-	725	1,050	515	17,515	19,805
57	Reg. Rd. 22, Bloor St. / Trulls Rd. Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	515	310	310	-	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	515	310	310	5,150	6,285
58	Reg. Rd. 23, Lake Ridge Rd. from Bayly St. to Kingston Rd. - Dundas St., Widen road from 2 to 4 / 5 lanes, Ajax / Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	8,000	5,000	-	-	-	-	5,000
		Total	8,000	5,000	-	-	-	-	5,000


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Durham Budget 2024		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
59	Reg. Rd. 23, Lake Ridge Rd. from Kingston Rd. - Dundas St. to Rossland Rd., Widen road from 2 to 4 / 5 lanes. 2026: Lake Ridge Road and Rossland Road Intersection 2028: Widen road from north of Kingston Rd. / Dundas St. to south of Rossland Road, Ajax / Whitby	Pre-Construction	-	725	1,250	210	-	-	2,185
		Construction	-	-	7,000	-	10,300	-	17,300
		Total	-	725	8,250	210	10,300	-	19,485
60	Reg. Rd. 23, Lake Ridge Rd. / Davis Dr. Intersection, Intersection modifications, Uxbridge / Scugog	Pre-Construction	-	-	500	310	310	-	1,120
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	500	310	310	5,150	6,270
61	Reg. Rd. 24, Church St. from Bayly St. to Durham Live Ave., Widen road from 2 to 4 lanes, Pickering	Pre-Construction	-	-	-	1,050	1,050	1,030	3,130
		Construction	-	-	-	-	-	4,350	4,350
		Total	-	-	-	1,050	1,050	5,380	7,480
62	Reg. Rd. 25, Stellar Dr. from Thornton Rd. to Fox St., Construct new alignment to 4 lanes, Oshawa	Pre-Construction	-	-	1,050	1,050	515	515	3,130
		Construction	-	-	-	-	-	7,100	7,100
		Total	-	-	1,050	1,050	515	7,615	10,230
63	Reg. Rd. 26, Thickson Rd. from Wentworth St. to C.N. Rail Kingston, Reconstruct and widen road from 2 to 4 lanes, Whitby	Pre-Construction	700	-	-	-	-	-	-
		Construction	100	-	-	-	-	-	-
		Total	800	-	-	-	-	-	-
64	Reg. Rd. 26, Thickson Rd. from Consumers Dr. to Dundas St., Widen road from 5 to 7 lanes, including new structure. Associated water supply works, Whitby	Pre-Construction	-	-	1,300	2,575	-	3,090	6,965
		Construction	-	-	-	-	-	23,700	23,700
		Total	-	-	1,300	2,575	-	26,790	30,665
65	Reg. Rd. 26, Thickson Rd. / Rossland Rd. Intersection, Reconstruct and modify intersection, Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	6,000	-	-	-	-	-	-
		Total	6,000	-	-	-	-	-	-

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
66	Reg. Rd. 26, Thickson Rd. from Taunton Rd. to Hwy. 407, Widen road from 2 to 4 / 5 lanes, Whitby	Pre-Construction	-	-	1,545	515	1,050	-	3,110
		Construction	-	-	-	-	-	25,750	25,750
		Total	-	-	1,545	515	1,050	25,750	28,860
67	Reg. Rd. 26, Thickson Rd. from Winchester Rd. to Baldwin St., Widen road from 2 to 5 lanes, Whitby	Pre-Construction	-	-	-	2,000	-	5,425	7,425
		Construction	-	-	4,000	-	-	32,000	36,000
		Total	-	-	4,000	2,000	-	37,425	43,425
68	Reg. Rd. 27, Altona Rd. from north of Strouds Ln. to Finch Ave., Widen road from 2 to 3 lanes, Pickering	Pre-Construction	-	-	-	1,050	515	275	1,840
		Construction	-	-	-	-	-	12,700	12,700
		Total	-	-	-	1,050	515	12,975	14,540
69	Reg. Rd. 27, Altona Rd. / Pinegrove Ave. Intersection, Intersection modifications, Pickering	Pre-Construction	-	-	400	250	275	-	925
		Construction	-	-	-	-	-	3,200	3,200
		Total	-	-	400	250	275	3,200	4,125
70	Reg. Rd. 28, Peter Matthews Dr. from Alexander Knox Rd. to Hwy. 7, Construct new alignment to 2 lanes, Pickering	Pre-Construction	-	-	-	3,050	-	9,150	12,200
		Construction	-	-	-	-	-	21,750	21,750
		Total	-	-	-	3,050	-	30,900	33,950
71	Reg. Rd. 28, Rossland Rd. from Cochrane St. to Whitburn St. / Redoak St., Intersection modifications at Cochrane St. (combined with rehab item 157), Whitby	Pre-Construction	-	150	-	-	-	-	150
		Construction	-	-	6,200	-	-	-	6,200
		Total	-	150	6,200	-	-	-	6,350
72	Reg. Rd. 28, Rossland Rd. / Garden St. Intersection, Intersection modifications, Whitby	Pre-Construction	200	-	-	-	-	-	-
		Construction	330	4,150	-	-	-	-	4,150
		Total	530	4,150	-	-	-	-	4,150


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
73	Reg. Rd. 28, Rossland Rd. from Ritson Rd. to Harmony Rd., Widen road from 3 to 5 lanes, including structure widening. Associated water supply works, Oshawa	Pre-Construction	-	-	1,050	1,050	-	-	2,100
		Construction	-	-	-	-	15,975	-	15,975
		Total	-	-	1,050	1,050	15,975	-	18,075
74	Reg. Rd. 28, Rossland Rd. from Harmony Rd. to east of Townline Rd., Construct new alignment to 3 lanes, including new bridge crossing of Harmony Creek tributary, Oshawa / Clarington	Pre-Construction	-	-	775	2,100	3,100	515	6,490
		Construction	-	-	-	-	-	31,100	31,100
		Total	-	-	775	2,100	3,100	31,615	37,590
75	Reg. Rd. 29, Liverpool Rd. from Hwy. 401 to Kingston Rd., Widen road from 5 to 6 / 7 lanes. Associated water supply works, Pickering	Pre-Construction	-	715	415	-	-	-	1,130
		Construction	-	-	-	6,200	-	-	6,200
		Total	-	715	415	6,200	-	-	7,330
76	Reg. Rd. 30, York / Durham Line / Sandford Rd. Intersection, Intersection modifications, Uxbridge	Pre-Construction	-	-	500	310	310	-	1,120
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	500	310	310	5,150	6,270
77	Reg. Rd. 31, Westney Rd. from Finley Ave. to Harwood Ave., Intersection modifications at Finley Ave., Monarch Ave., and Harwood Ave. (combined with road rehab item 159) Associated water supply works, Ajax	Pre-Construction	104	-	320	-	-	-	320
		Construction	-	-	-	2,905	-	-	2,905
		Total	104	-	320	2,905	-	-	3,225
78	Reg. Rd. 31, Westney Rd. from Bayly St. to Hwy. 401., Widen road from 5 to 7 lanes, Ajax	Pre-Construction	-	-	310	310	-	-	620
		Construction	-	-	-	-	9,270	-	9,270
		Total	-	-	310	310	9,270	-	9,890
79	Reg. Rd. 31, Westney Rd. from Hwy. 401 to south of Kingston Rd., Widen road from 5 to 7 lanes, including structure widening, Ajax	Pre-Construction	-	515	375	-	-	-	890
		Construction	-	-	-	-	7,200	-	7,200
		Total	-	515	375	-	7,200	-	8,090
80	Reg. Rd. 31, Westney Rd. / Fifth Concession Rd. Intersection, Intersection modifications, Ajax / Pickering	Pre-Construction	-	-	-	515	310	310	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	515	310	5,460	6,285

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
81	Reg. Rd. 31, Westney Rd. from south of Greenwood to	Pre-Construction	-	-	-	-	415	3,605	4,020
	Hwy. 407, Construct new 2 lane Greenwood by-pass, Pickering	Construction	-	-	-	-	-	17,510	17,510
		Total	-	-	-	-	415	21,115	21,530
82	Reg. Rd. 33, Harmony Rd. from Conlin Rd. to Britannia Ave., Widen road from 2 to 4 lanes, Oshawa	Pre-Construction	450	-	-	515	775	790	2,080
		Construction	-	-	1,000	-	-	5,375	6,375
		Total	450	-	1,000	515	775	6,165	8,455
83	Reg. Rd. 33, Harmony Rd. from Britannia Ave. to Nancy Diamond Blvd., Widen road from 2 to 4 lanes (To be confirmed in future DC By-law or By-law amendment), Oshawa	Pre-Construction	-	-	-	-	-	2,000	2,000
		Construction	-	-	-	-	-	5,000	5,000
		Total	-	-	-	-	-	7,000	7,000
84	Reg. Rd. 34, Courtice Rd. / Sandringham Dr. Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	400	250	250	-	900
		Construction	-	-	-	-	-	3,200	3,200
		Total	-	-	400	250	250	3,200	4,100
85	Reg. Rd. 34, Courtice Rd. / Nash Rd. Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	400	275	275	-	950
		Construction	-	-	-	-	-	3,200	3,200
		Total	-	-	400	275	275	3,200	4,150
86	Reg. Rd. 34, Enfield Rd. / Concession Rd. 7 Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	-	-	515	620	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	-	-	515	5,770	6,285
87	Reg. Rd. 35, Wilson Rd. from Bloor St. to Olive Ave., Widen road from 2 / 3 to 4 lanes, Oshawa	Pre-Construction	-	-	-	750	1,250	2,595	4,595
		Construction	-	-	-	-	-	14,625	14,625
		Total	-	-	-	750	1,250	17,220	19,220
88	Reg. Rd. 36, Hopkins St. Overpass, Construct new 4 lane Hopkins St. overpass of Hwy. 401. Associated water supply works, Whitby	Pre-Construction	-	-	-	-	500	5,060	5,560
		Construction	-	-	-	-	-	20,600	20,600
		Total	-	-	-	-	500	25,660	26,160

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
89	Reg. Rd. 36, Hopkins St. from Consumers Dr. to Dundas St., Widen road from 2 to 3 lanes, with new CPR grade separation. Associated water supply and sanitary sewer works, Whitby	Pre-Construction	-	-	2,075	310	515	-	2,900
	Construction	-	-	-	-	-	17,510	17,510	
	Total	-	-	2,075	310	515	17,510	20,410	
90	Reg. Rd. 37, Finch Ave. from Altona Rd. to Brock Rd., Widen road from 2 to 3 lanes. Associated water supply and sanitary sewer works, Pickering	Pre-Construction	-	-	1,000	1,000	-	-	2,000
	Construction	-	-	-	-	30,000	-	30,000	
	Total	-	-	1,000	1,000	30,000	-	32,000	
91	Reg. Rd. 38, Whites Rd. from north of Kingston Rd. to Finch Ave., Widen road from 5 to 7 lanes to add HOV lanes, including structure replacement. Associated water supply works, Pickering	Pre-Construction	-	-	1,545	2,575	310	310	4,740
	Construction	-	-	-	-	-	25,750	25,750	
	Total	-	-	1,545	2,575	310	26,060	30,490	
92	Reg. Rd. 38, Whites Rd. from Finch Ave. to approximately 0.3 km south of Third Concession Rd., Widen road from 2 to 6 lanes to add HOV lanes, with new CPR grade separation, Pickering	Pre-Construction	2,700	8,000	5,000	-	-	-	13,000
	Construction	-	-	-	32,000	-	-	32,000	
	Total	2,700	8,000	5,000	32,000	-	-	45,000	
93	Reg. Rd. 38, Whites Rd. from south of Third Concession Rd. to Taunton Rd., Construct new alignment to 6 lanes to add through lanes and HOV lanes, with new bridge crossing of West Duffins Creek. The Region's portion shown is for 1% of the project cost. Seaton Landowners responsible for 99% of the project cost, Pickering	Pre-Construction	500	-	-	-	-	-	-
	Construction	-	1,500	-	-	-	-	1,500	
	Total	500	1,500	-	-	-	-	1,500	
94	Reg. Rd. 40, Alexander Knox Rd. from York Durham Line to Golf Club Rd., Construct new 2 lane alignment, including new structure, Pickering	Pre-Construction	-	-	-	-	-	11,350	11,350
	Construction	-	-	-	-	-	65,405	65,405	
	Total	-	-	-	-	-	76,755	76,755	

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

Durham Budget 2024		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
95	Reg. Rd. 40, Alexander Knox Rd. from Golf Club Rd. to west limit of Phase 1, Construct new 4 lane alignment, Pickering	Pre-Construction	-	-	700	2,000	1,400	-	4,100
		Construction	-	-	-	-	-	20,000	20,000
		Total	-	-	700	2,000	1,400	20,000	24,100
96	Reg. Rd. 41, Salem Rd. from Hwy. 401 to Kingston Rd., Widen road from 4 to 6 lanes, Ajax	Pre-Construction	-	-	750	1,000	1,050	1,050	3,850
		Construction	-	-	-	-	-	6,100	6,100
		Total	-	-	750	1,000	1,050	7,150	9,950
97	Reg. Rd. 41, Salem Rd. / Rossland Rd. Intersection, Intersection modifications, Ajax	Pre-Construction	-	105	-	-	-	-	105
		Construction	-	-	1,650	-	-	-	1,650
		Total	-	105	1,650	-	-	-	1,755
98	Reg. Rd. 42, Darlington - Clark Townline Rd. / Reg. Hwy. 2 Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	300	300	-	-	600
		Construction	-	-	-	-	5,000	-	5,000
		Total	-	-	300	300	5,000	-	5,600
99	Reg. Rd. 52, Thornton Rd. from north of Stellar Dr. to King St., Widen road from 2 to 4 / 5 lanes, with new CPR grade separation. Associated water supply and sanitary sewer works, Oshawa	Pre-Construction	-	300	515	310	515	-	1,640
		Construction	-	-	-	-	-	17,510	17,510
		Total	-	300	515	310	515	17,510	19,150
100	Reg. Rd. 52, Phillip Murray Ave. / Stevenson Rd. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	150	50	-	-	-	200
		Construction	-	-	-	2,000	-	-	2,000
		Total	-	150	50	2,000	-	-	2,200
101	Reg. Rd. 53, Stevenson Rd. / Laval Dr. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	400	250	250	-	900
		Construction	-	-	-	-	-	3,193	3,193
		Total	-	-	400	250	250	3,193	4,093
102	Reg. Rd. 53, Stevenson Rd. from CPR Belleville to Bond St., Widen road from 4 to 5 lanes. Associated water supply (Hwy. 401 - Bond St.) and sanitary sewer works, Oshawa	Pre-Construction	-	500	625	-	-	-	1,125
		Construction	-	-	-	10,300	-	-	10,300
		Total	-	500	625	10,300	-	-	11,425

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
103	Reg. Rd. 53, Stevenson Rd. from Bond St. to Rosland Rd., Widen road from 3 / 4 to 5 lanes. Associated water supply works, Oshawa	Pre-Construction	-	500	625	-	-	-	1,125
		Construction	-	-	-	18,250	-	-	18,250
		Total	-	500	625	18,250	-	-	19,375
104	Reg. Rd. 55, Townline Rd. from Beatrice St. to Taunton Rd., Widen and urbanize road from 2 to 3 lanes from Whitelaw Ave. to Taunton Rd. and storm sewer from Beatrice St. to Taunton Rd., Oshawa / Clarington	Pre-Construction	-	1,080	-	-	-	-	1,080
		Construction	-	3,000	-	-	-	-	3,000
		Total	-	4,080	-	-	-	-	4,080
105	Reg. Rd. 57, Bowmanville Ave. from Baseline Rd. to south of Reg. Hwy. 2, Widen road from 2 to 4 lanes from Baseline Rd. to S. of Hwy. 2, including structure widening. Associated water supply and sanitary sewer works, Clarington	Pre-Construction	2,500	-	-	-	-	-	-
		Construction	-	38,985	-	-	-	-	38,985
		Total	2,500	38,985	-	-	-	-	38,985
106	Reg. Rd. 57, Bowmanville Ave. from north of Stevens Rd. to Nash Rd., Widen road from 2 to 4 lanes from north of Stevens Rd. to Nash Rd. Associated sanitary sewer works, Clarington	Pre-Construction	-	-	100	515	-	-	615
		Construction	-	-	-	-	12,360	-	12,360
		Total	-	-	100	515	12,360	-	12,975
107	Reg. Rd. 57, Bowmanville Ave. / Concession Road 6 Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	515	-	310	310	1,135
		Construction	-	-	-	-	-	5,150	5,150
		Total	-	-	515	-	310	5,460	6,285
108	Reg. Rd. 57, Bowmanville Ave. / Concession 7 Intersection, Intersection modifications, Clarington	Pre-Construction	-	700	500	-	-	-	1,200
		Construction	-	-	-	5,150	-	-	5,150
		Total	-	700	500	5,150	-	-	6,350
109	Reg. Rd. 58, Manning Rd. / Adelaide Ave. Connection from Garrard Rd. to Thornton Rd., Construct new alignment to 3 lanes with new crossing of Corbett Creek. Associated water supply works, Whitby / Oshawa	Pre-Construction	-	200	-	-	-	-	200
		Construction	-	-	23,000	-	-	-	23,000
		Total	-	200	23,000	-	-	-	23,200

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
110	Reg. Rd. 58, Adelaide Ave. from Townline Rd. to Trulls Rd., Construct new alignment to 3 lanes with new bridge crossing of Farewell Creek. Associated sanitary sewer works, Oshawa / Clarington	Pre-Construction	-	5,000	5,000	-	275	-	10,275
	Construction	-	-	-	-	-	22,260	22,260	
	Total	-	5,000	5,000	-	275	22,260	32,535	
111	Reg. Rd. 59, Gibb St. from east of Stevenson Rd. to Simcoe St., Widen road from 3 to 4 lanes. Associated water supply and sanitary sewer works, Oshawa	Pre-Construction	-	-	9,500	-	-	-	9,500
	Construction	-	-	-	12,360	-	-	12,360	
	Total	-	-	9,500	12,360	-	-	21,860	
112	Reg. Rd. 59, Gibb St. / Olive Ave. Connection from Simcoe St. to Ritson Rd., Construct new alignment and widen existing from 2 / 3 to 4 / 5 lanes. Associated water supply and sanitary sewer works, Oshawa	Pre-Construction	-	-	20,950	-	-	-	20,950
	Construction	-	-	-	-	12,360	-	12,360	
	Total	-	-	20,950	-	12,360	-	33,310	
113	Reg. Rd. 60, Wentworth St. / Thornton Rd. Intersection, Intersection modifications, Oshawa	Pre-Construction	-	-	400	275	275	-	950
	Construction	-	-	-	-	-	3,200	3,200	
	Total	-	-	400	275	275	3,200	4,150	
114	Reg. Rd. 60, Wentworth St. / Nelson St. Intersection, Intersection modifications at Nelson St. (combined with rehab item 164), Oshawa	Pre-Construction	-	275	-	-	-	-	275
	Construction	-	-	2,400	-	-	-	2,400	
	Total	-	275	2,400	-	-	-	2,675	
115	Reg. Hwy. 2 from Townline Rd. to Courtice Rd., Modify corridor, Oshawa / Clarington	Pre-Construction	-	-	515	825	-	210	1,550
	Construction	-	-	-	-	-	5,150	5,150	
	Total	-	-	515	825	-	5,360	6,700	
116	Reg. Hwy. 2 / Lambs Rd. Intersection, Intersection modifications, Clarington	Pre-Construction	-	-	310	-	310	-	620
	Construction	-	-	-	-	-	5,150	5,150	
	Total	-	-	310	-	310	5,150	5,770	
117	Reg. Hwy. 12, Baldwin St. from north of Taunton Rd. to north of Garden St., Widen road from 2 to 4 / 5 lanes, Whitby	Pre-Construction	-	-	1,565	515	1,450	-	3,530
	Construction	-	-	-	-	-	25,750	25,750	
	Total	-	-	1,565	515	1,450	25,750	29,280	

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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Durham Budget 2024		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
118	Reg. Hwy. 47 from York Durham Line to Goodwood Rd., Widen road from 2 to 4 lanes with intersection modifications at Goodwood Rd., Uxbridge	Pre-Construction	-	-	1,545	-	2,100	1,565	5,210
	Construction	-	-	-	-	-	20,600	20,600	
	Total	-	-	1,545	-	2,100	22,165	25,810	
119	Reg. Hwy. 47 / Concession 6 Intersection, Reconstruct and modify intersection to a roundabout, Uxbridge	Pre-Construction	-	-	155	-	-	620	775
	Construction	-	-	-	-	-	5,150	5,150	
	Total	-	-	155	-	-	5,770	5,925	
Road / Structure Construction - Growth Subtotal			26,524	91,655	160,475	175,020	159,565	1,307,728	1,894,443
Traffic Control & Other Programs - Growth									
120	Bridge and Pavement Management Program, Various	Pre-Construction	400	400	400	400	400	2,000	3,600
	Construction	-	-	-	-	-	-	-	-
	Total	400	400	400	400	400	2,000	3,600	
121	Signal Installation Program, Various	Pre-Construction	-	-	-	-	-	-	-
	Construction	2,400	2,400	2,400	2,400	2,400	12,425	22,025	
	Total	2,400	2,400	2,400	2,400	2,400	12,425	22,025	
122	Intelligent Transportation System (ITS) Projects, Various	Pre-Construction	-	-	-	-	-	-	-
	Construction	635	680	770	625	580	3,365	6,020	
	Total	635	680	770	625	580	3,365	6,020	
123	Engineering Activities, Various	Pre-Construction	450	450	450	450	450	2,250	4,050
	Construction	-	-	-	-	-	-	-	-
	Total	450	450	450	450	450	2,250	4,050	
124	Property Acquisition, Various	Pre-Construction	300	300	300	100	100	500	1,300
	Construction	-	-	-	-	-	-	-	-
	Total	300	300	300	100	100	500	1,300	
125	Roadside Landscaping Projects, Various	Pre-Construction	-	-	-	-	-	-	-
	Construction	150	200	200	200	200	1,000	1,800	
	Total	150	200	200	200	200	1,000	1,800	

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
126	Contingencies Development Related, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	300	300	300	300	300	1,500	2,700
		Total	300	300	300	300	300	1,500	2,700
127	Regional Share of Services for Residential Subdivision Development, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	500	300	300	300	300	1,500	2,700
		Total	500	300	300	300	300	1,500	2,700
Traffic Control & Other Programs - Growth Subtotal			5,135	5,030	5,120	4,775	4,730	24,540	44,195
Transportation Plans & Studies - Growth									
128	Transportation Plans and Studies, Various	Pre-Construction	500	250	150	150	150	750	1,450
		Construction	-	-	-	-	-	-	-
		Total	500	250	150	150	150	750	1,450
Transportation Plans & Studies - Growth Subtotal			500	250	150	150	150	750	1,450
Bus Rapid Transit Implementation									
129	Reg. Hwy. 2, Kingston Rd. from Altona Rd. to Notion Rd., Bus Rapid Transit Lanes, Pickering	Pre-Construction	-	-	-	-	-	-	-
		Construction	11,455	23,500	-	-	-	-	23,500
		Total	11,455	23,500	-	-	-	-	23,500
130	Reg. Hwy. 2, Kingston Rd. from Notion Rd. to Westney Rd., Bus Rapid Transit Lanes, Pickering / Ajax	Pre-Construction	-	-	-	-	26,000	-	26,000
		Construction	-	-	-	-	27,000	-	27,000
		Total	-	-	-	-	53,000	-	53,000
131	Reg. Hwy. 2, Kingston Rd. - Dundas St. from Westney Rd. to Hwy. 412, Bus Rapid Transit Lanes (DC Elig), Ajax / Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	20,922	-	-	-	-	-	-
		Total	20,922	-	-	-	-	-	-
132	Reg. Hwy. 2, Dundas St. from Des Newman Blvd. to Fothergill Ct., Bus Rapid Transit Lanes (DC Elig), Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	-	5,000	-	5,000
		Total	-	-	-	-	5,000	-	5,000
Bus Rapid Transit Implementation Subtotal			32,377	23,500	-	-	58,000	-	81,500

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Road Rehabilitation / Reconstruction Projects									
133	Reg. Rd. 1, Brock Rd. from Reg. Rd. 5 to 0.2 km north of Uxbridge/Pickering Townline Rd., Road rehabilitation, Pickering	Pre-Construction	-	-	-	-	-	-	-
		Construction	2,200	-	-	-	-	-	-
		Total	2,200	-	-	-	-	-	-
134	Reg. Rd. 1, Conc. Rd. 7 from 0.4 km north of Ashworth Rd. to south of Foster Dr., Road rehabilitation, Uxbridge	Pre-Construction	350	200	150	-	-	-	350
		Construction	-	-	-	3,000	-	-	3,000
		Total	350	200	150	3,000	-	-	3,350
135	Reg. Rd. 2, Simcoe St. from 0.6 km south of River St. to Saintfield Rd., Road rehabilitation, Scugog	Pre-Construction	-	-	-	-	-	-	-
		Construction	2,700	-	-	-	-	-	-
		Total	2,700	-	-	-	-	-	-
136	Reg. Rd. 3, Grandview St. N. from Hwy. 407 to Columbus Rd. E. and Columbus Rd. E. from Grandview St. N. to Townline Rd. N., Road rehabilitation / reconstruction, Oshawa / Clarington	Pre-Construction	400	-	-	-	-	-	-
		Construction	1,200	-	-	-	-	-	-
		Total	1,600	-	-	-	-	-	-
137	Reg. Rd. 3 from Townline Rd. N. to Enfield Rd., Road rehabilitation / reconstruction, Oshawa / Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	2,500	-	-	-	-	-	-
		Total	2,500	-	-	-	-	-	-
138	Reg. Rd. 4, Taunton Rd. from east of Townline Rd. to west of Enfield Rd., Road rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	825	-	-	-	-	-	-
		Total	825	-	-	-	-	-	-
139	Reg. Rd. 4, Taunton Rd. from 0.4 km west of Solina Rd. to 0.2 km west of Bowmanville Ave., Road rehabilitation. 2026: West of Holt Rd. to west of Bowmanville Ave. 2027: West of Solina Rd. to Hwy. 418 and roundabout at Solina Rd. (Combined with intersection item 28), Clarington	Pre-Construction	-	250	500	-	-	-	750
		Construction	-	-	12,000	4,300	-	-	16,300
		Total	-	250	12,500	4,300	-	-	17,050

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

Durham Budget 2024		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
140	Reg. Rd. 4, Taunton Rd. from Reg. Rd. 17 to 0.1 km west of Tamblyn Rd., Road rehabilitation and intersection modifications at Reg. Rd. 17 - Best Rd., Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	3,000	-	-	-	3,000
		Total	-	-	3,000	-	-	-	3,000
141	Reg. Rd. 5, Myrtle Rd. from Dagmar Rd. to west limit of Ashburn, Road rehabilitation, Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	2,800	-	-	-	-	-	-
		Total	2,800	-	-	-	-	-	-
142	Reg. Rd. 7, Island Rd. from Hwy. 7A to Gerrow Rd., Road rehabilitation, Scugog	Pre-Construction	100	-	-	-	-	-	-
		Construction	-	2,500	-	-	-	-	2,500
		Total	100	2,500	-	-	-	-	2,500
143	Reg. Rd. 7, Island Rd. from Gerrow Rd. to north side of Demara Rd., Road rehabilitation, Scugog	Pre-Construction	-	300	-	250	-	-	550
		Construction	-	-	-	-	7,500	-	7,500
		Total	-	300	-	250	7,500	-	8,050
144	Reg. Rd. 7, Island Rd. from north side of Demara Rd. to Fralicks Beach Rd., Road rehabilitation, Scugog	Pre-Construction	-	-	-	250	-	200	450
		Construction	-	-	-	-	-	5,000	5,000
		Total	-	-	-	250	-	5,200	5,450
145	Reg. Rd. 8, Reach St. from east of Old Simcoe St. to Bigelow St., Road rehabilitation / reconstruction, Scugog	Pre-Construction	-	-	-	-	-	-	-
		Construction	3,100	-	-	-	-	-	-
		Total	3,100	-	-	-	-	-	-
146	Reg. Rd. 9, Ganaraska Rd. from 2.0 km east of Maynard Rd. to 0.4 km east of Newtonville Rd., Road rehabilitation / reconstruction in combination with Newtonville Rd., Clarington	Pre-Construction	100	-	-	-	-	-	-
		Construction	-	4,400	-	-	-	-	4,400
		Total	100	4,400	-	-	-	-	4,400
147	Reg. Rd. 13, Zephyr Rd. from Conc. 3 (Reg. Rd. 39) to Conc. 4, Road rehabilitation / reconstruction, Uxbridge	Pre-Construction	300	-	-	-	-	-	-
		Construction	220	-	-	-	-	-	-
		Total	520	-	-	-	-	-	-


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
148	Reg. Rd. 13 from Lake Ridge Rd. to 1.5 km east of Sideroad 17, Road rehabilitation / reconstruction including modifications to the profile. 2025: road reconstruction from 0.4 km east of Sideroad 17 to 1.5 km east of Sideroad 17, Brock	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	5,550	-	-	-	-	5,550
		Total	-	5,550	-	-	-	-	5,550
149	Reg. Rd. 17, Main St. from Winter Rd. to Station St., Road rehabilitation / reconstruction. Associated water supply works, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	2,000	-	-	-	2,000
		Total	-	-	2,000	-	-	-	2,000
150	Reg. Rd. 18, Newtonville Rd. from north of Kendal Bridge to Ganaraska Rd., Road rehabilitation / reconstruction in combination with Ganaraska Rd., Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	3,000	-	-	-	-	3,000
		Total	-	3,000	-	-	-	-	3,000
151	Reg. Rd. 19, Shirley Rd. from Simcoe St. to 0.5 km east of Graham Rd., Road rehabilitation, Scugog	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,200	-	-	-	-	-	-
		Total	1,200	-	-	-	-	-	-
152	Reg. Rd. 19, Shirley Rd. from 0.5 km east of Graham Rd. to Old Scugog Rd., Road reconstruction, Scugog	Pre-Construction	1,000	600	200	-	-	-	800
		Construction	-	-	-	9,000	-	-	9,000
		Total	1,000	600	200	9,000	-	-	9,800
153	Reg. Rd. 21, Goodwood Rd. from Reg. Hwy. 47 to Ridge Rd., Urbanize road and modify corridor through hamlet of Goodwood, including streetscape modifications, Uxbridge	Pre-Construction	500	-	100	-	-	-	100
		Construction	-	-	-	5,000	-	-	5,000
		Total	500	-	100	5,000	-	-	5,100
154	Reg. Rd. 23, Lake Ridge Rd. from 0.1 km south of Vallentyne to 0.25 km north of Ravenshoe Rd., Road rehabilitation and curve reconfiguration, Uxbridge / Brock	Pre-Construction	150	-	-	-	-	-	-
		Construction	-	2,500	-	-	-	-	2,500
		Total	150	2,500	-	-	-	-	2,500

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
155	Reg. Rd. 23, Beach Rd. / Commodore Rd. Intersection, Curve Reconfiguration, Brock	Pre-Construction	-	-	-	250	-	100	350
		Construction	-	-	-	-	-	1,250	1,250
		Total	-	-	-	250	-	1,350	1,600
156	Reg. Rd. 23, Mara Rd. / Shore Line Rd. Intersection, Curve Reconfiguration, Brock	Pre-Construction	-	-	-	250	-	100	350
		Construction	-	-	-	-	-	1,800	1,800
		Total	-	-	-	250	-	1,900	2,150
157	Reg. Rd. 28, Rossland Rd. from Cochrane St. to Whitburn St. / Redoak St., Road Rehabilitation (combined with intersection item 71), Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	1,300	-	-	-	1,300
		Total	-	-	1,300	-	-	-	1,300
158	Reg. Rd. 28, Rossland Rd. from Park Rd. to Simcoe St., Road rehabilitation / reconstruction in conjunction with bridge rehabilitation. Associated water supply works, Oshawa	Pre-Construction	-	150	250	400	-	-	800
		Construction	-	-	-	-	-	5,000	5,000
		Total	-	150	250	400	-	5,000	5,800
159	Reg. Rd. 31, Westney Rd. from Finley Ave. to Harwood Ave., Road rehabilitation (combined with intersection item 77) Associated water supply works., Ajax	Pre-Construction	120	-	80	-	-	-	80
		Construction	-	-	-	3,275	-	-	3,275
		Total	120	-	80	3,275	-	-	3,355
160	Reg. Rd. 42, Darlington - Clark Townline Rd. from 50 m north of Reg. Hwy. 2 to Concession St., Road rehabilitation / reconstruction, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	3,000	-	-	-	-	3,000
		Total	-	3,000	-	-	-	-	3,000
161	Reg. Rd. 56, Farewell St. from Harbour Rd. to Bloor St., Road rehabilitation / reconstruction. Associated water supply works, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	200	-	-	-	-	-	-
		Total	200	-	-	-	-	-	-
162	Reg. Rd. 59, Olive Ave. from Simcoe St. to Drew St., Road rehabilitation / reconstruction in conjunction with water / sewer project, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	275	-	-	-	-	-	-
		Total	275	-	-	-	-	-	-

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
163	Reg. Rd. 60, Wentworth St. from Park Rd. to west of Cedar St., Road rehabilitation / reconstruction, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,500	-	-	-	-	-	-
		Total	1,500	-	-	-	-	-	-
164	Reg. Rd. 60, Wentworth St. from west of Cedar St. to Farewell St., Road rehabilitation / reconstruction (combined with intersection item 114), Oshawa	Pre-Construction	-	825	-	-	-	-	825
		Construction	-	4,000	9,600	-	-	-	13,600
		Total	-	4,825	9,600	-	-	-	14,425
165	Reg. Hwy. 2 from Ovens Rd. to East Townline Rd., Road rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,250	-	-	-	-	-	-
		Total	1,250	-	-	-	-	-	-
166	Reg. Hwy. 47 from 0.9 km east of Reg. Rd. 30 to west of Reg. Rd. 21, Road rehabilitation, Uxbridge	Pre-Construction	-	-	-	-	-	-	-
		Construction	2,500	-	-	-	-	-	-
		Total	2,500	-	-	-	-	-	-
167	Road Resurfacing and Rehabilitation Preparatory Activities Allowance, Various	Pre-Construction	350	350	350	350	350	1,750	3,150
		Construction	-	-	-	-	-	-	-
		Total	350	350	350	350	350	1,750	3,150
168	Road Rehabilitation Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	500	2,700	2,800	2,900	3,000	15,000	26,400
		Total	500	2,700	2,800	2,900	3,000	15,000	26,400
169	Road Resurfacing / Rehabilitation Other Locations, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	12,320	16,675	14,670	17,775	36,150	204,800	290,070
		Total	12,320	16,675	14,670	17,775	36,150	204,800	290,070
Road Rehabilitation / Reconstruction Projects Subtotal			38,660	47,000	47,000	47,000	47,000	235,000	423,000
Structure Rehabilitation / Replacement									
170	Bridge Maintenance and Repairs Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	260	260	260	260	260	1,300	2,340
		Total	260	260	260	260	260	1,300	2,340

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
171	Culvert Maintenance and Repairs Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	250	250	250	250	250	1,250	2,250
		Total	250	250	250	250	250	1,250	2,250
172	Reg. Rd. 1, Brock Rd. Over Duffins Creek Bridge, 0.37 km north of Kingston Rd., Bridge rehabilitation, Pickering	Pre-Construction	-	-	-	-	-	100	100
		Construction	-	-	-	-	-	600	600
		Total	-	-	-	-	-	700	700
173	Reg. Rd. 1, Main St. Over Uxbridge Brook Culvert, 0.3 km north of Brock St., Culvert rehabilitation, Uxbridge	Pre-Construction	-	-	-	-	-	150	150
		Construction	-	-	-	-	-	1,800	1,800
		Total	-	-	-	-	-	1,950	1,950
174	Reg. Rd. 2, Simcoe St. Culvert, 0.5 km north of Scugog Line 3, Culvert rehabilitation, Scugog	Pre-Construction	-	-	-	-	-	50	50
		Construction	-	-	-	-	-	350	350
		Total	-	-	-	-	-	400	400
175	Reg. Rd. 2, Seagrave Bridge, 0.55 km south of Saintfield Rd., Bridge rehabilitation, Scugog	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	2,950	-	-	-	-	2,950
		Total	-	2,950	-	-	-	-	2,950
176	Reg. Rd. 3, Bickle Bridge, 1.1 km east of Thickson Rd., Bridge rehabilitation, Whitby	Pre-Construction	-	-	-	-	-	125	125
		Construction	-	-	-	-	-	2,000	2,000
		Total	-	-	-	-	-	2,125	2,125
177	Reg. Rd. 3, Winchester Rd. Culvert, 0.3 km west of Given Rd., Culvert rehabilitation, Oshawa	Pre-Construction	-	75	-	-	-	-	75
		Construction	-	-	-	1,300	-	-	1,300
		Total	-	75	-	1,300	-	-	1,375
178	Reg. Rd. 3, Enniskillen Bridge, 2.1 km west of Scugog Rd., Bridge rehabilitation, Clarington	Pre-Construction	-	-	-	200	-	-	200
		Construction	-	-	-	-	-	2,400	2,400
		Total	-	-	-	200	-	2,400	2,600
179	Reg. Rd. 4, W.A. Twelvetimes Bridge, 0.3 km east of Whites Rd., Bridge rehabilitation of existing 4 lane structure, Pickering	Pre-Construction	200	-	-	-	-	-	-
		Construction	-	-	7,500	-	-	-	7,500
		Total	200	-	7,500	-	-	-	7,500

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
180	Reg. Rd. 4, Taunton Rd. west Over CPR Bridge, 0.8 km east of Brock Rd., Bridge rehabilitation, Pickering	Pre-Construction	-	-	-	-	-	75	75
		Construction	-	-	-	-	-	500	500
		Total	-	-	-	-	-	575	575
181	Reg. Rd. 4, CPR over Taunton Rd. Bridge, 0.8 km east of Westney Rd., Bridge rehabilitation, Ajax	Pre-Construction	-	-	-	-	-	100	100
		Construction	-	-	-	-	-	600	600
		Total	-	-	-	-	-	700	700
182	Reg. Rd. 4, Taunton Rd. Cross-culvert, east of Thornton Rd., Culvert rehabilitation, Oshawa	Pre-Construction	-	-	250	-	-	-	250
		Construction	-	-	-	-	1,350	-	1,350
		Total	-	-	250	-	1,350	-	1,600
183	Reg. Rd. 4, Taunton Rd. Culvert, 0.9 km east of Courtice Rd., Culvert Replacement in conjunction with road rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	3,000	-	-	3,000
		Total	-	-	-	3,000	-	-	3,000
184	Reg. Rd. 4, Hampton Bridge, 1.0 km west of Bowmanville Ave., Bridge rehabilitation / replacement in conjunction with road rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	3,100	-	-	-	3,100
		Total	-	-	3,100	-	-	-	3,100
185	Reg. Rd. 4, Taunton Rd. Culvert, 0.7 km east of Bethesda Rd., Culvert rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	750	-	-	-	-	750
		Total	-	750	-	-	-	-	750
186	Reg. Rd. 4, Soper Creek Bridge, 2.97 km east of Liberty St., Bridge rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	2,550	-	-	-	-	2,550
		Total	-	2,550	-	-	-	-	2,550
187	Reg. Rd. 4, Wilmot Creek Bridge, 1.3 km east of Reg. Rd. 42, Bridge rehabilitation, Clarington	Pre-Construction	125	-	-	-	-	-	-
		Construction	-	1,450	-	-	-	-	1,450
		Total	125	1,450	-	-	-	-	1,450
188	Reg. Rd. 5, Ninth Concession Rd. Bridge, 0.04 km east of Sideline 30, Bridge rehabilitation, Pickering	Pre-Construction	-	-	100	-	-	-	100
		Construction	-	-	-	-	300	-	300
		Total	-	-	100	-	300	-	400

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
189	Reg. Rd. 5, Ninth Concession Rd. Bridge, 0.16 km west of Sideline 28, Bridge rehabilitation, Pickering	Pre-Construction	-	-	100	-	-	-	100
		Construction	-	-	-	-	300	-	300
		Total	-	-	100	-	300	-	400
190	Reg. Rd. 5, Ninth Concession Rd. Bridge, 0.5 km east of Sideline 22, Bridge rehabilitation, Pickering	Pre-Construction	-	-	50	-	-	-	50
		Construction	-	-	-	-	300	-	300
		Total	-	-	50	-	300	-	350
191	Reg. Rd. 5, Central St. Over Mitchell Creek Tributary Bridge, 1 km west of Brock Rd., Bridge replacement, Pickering	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,500	-	-	-	-	-	-
		Total	1,500	-	-	-	-	-	-
192	Reg. Rd. 5, Ninth Concession Rd. Over Duffins Creek Tributary Culvert, 0.05 km west of Sideline 12, Culvert replacement, Pickering	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,950	-	-	-	-	-	-
		Total	1,950	-	-	-	-	-	-
193	Reg. Rd. 6, Saintfield Rd. Bridge, 4 km east of Hwy. 12, Bridge replacement, Scugog	Pre-Construction	-	-	-	-	-	-	-
		Construction	4,000	-	-	-	-	-	-
		Total	4,000	-	-	-	-	-	-
194	Reg. Rd. 6 Over Nonquon River Tributary Culvert, 1.1 km west of Simcoe St., Culvert rehabilitation, Scugog	Pre-Construction	-	-	-	-	-	50	50
		Construction	-	-	-	-	-	300	300
		Total	-	-	-	-	-	350	350
195	Reg. Rd. 8 Over Pefferlaw Brook Tributary Culvert, 0.3 km west of Concession 4, Culvert replacement, Uxbridge	Pre-Construction	175	-	-	-	-	-	-
		Construction	-	-	-	1,000	-	-	1,000
		Total	175	-	-	1,000	-	-	1,000
196	Reg. Rd. 8, Brock St. W Culvert, 0.05 km west of Victoria St., Culvert replacement, Uxbridge	Pre-Construction	-	-	-	-	-	200	200
		Construction	-	-	-	-	-	2,300	2,300
		Total	-	-	-	-	-	2,500	2,500
197	Reg. Rd. 8, Reach St. Culvert, 0.4 km east of Lake Ridge Rd., Culvert rehabilitation, Scugog	Pre-Construction	-	-	-	75	-	-	75
		Construction	-	-	-	-	-	1,000	1,000
		Total	-	-	-	75	-	1,000	1,075

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
198	Reg. Rd. 9, Ganaraska Rd. Cross Culvert, east of Regional Road 18, Culvert replacement, Clarington	Pre-Construction	-	-	-	-	-	-	-
		Construction	100	-	-	-	-	-	-
		Total	100	-	-	-	-	-	-
199	Reg. Rd. 11, Sandford Rd Over Uxbridge Brook Tributary Culvert, 0.1 km west of Concession 5, Culvert rehabilitation, Uxbridge	Pre-Construction	-	-	-	-	-	50	50
		Construction	-	-	-	-	-	300	300
		Total	-	-	-	-	-	350	350
200	Reg. Rd. 12, Dobson Bridge, 0.2 km east of McRae St., Bridge rehabilitation in conjunction with watermain replacement, Brock	Pre-Construction	125	-	-	-	-	-	-
		Construction	-	1,500	-	-	-	-	1,500
		Total	125	1,500	-	-	-	-	1,500
201	Reg. Rd. 12, Cameron St. over Beaver River Tributary Cross-culvert, Culvert replacement in conjunction with watermain replacement, Brock	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	1,550	-	-	-	-	1,550
		Total	-	1,550	-	-	-	-	1,550
202	Reg. Rd. 13 Retaining Wall, 0.2 km east of Hwy. 7 / 12, north side, Retaining wall replacement, Brock	Pre-Construction	-	-	-	-	-	30	30
		Construction	-	-	-	-	-	300	300
		Total	-	-	-	-	-	330	330
203	Reg. Rd. 14, Liberty St. north of Concession Road 3 Cross-culvert, Culvert replacement, Clarington	Pre-Construction	-	-	300	-	-	-	300
		Construction	-	-	-	-	650	-	650
		Total	-	-	300	-	650	-	950
204	Reg. Rd. 15, McRae Bridge, 1.0 km west of Thorah Sideroad, Bridge rehabilitation, Brock	Pre-Construction	-	-	125	-	-	-	125
		Construction	-	-	-	-	2,000	-	2,000
		Total	-	-	125	-	2,000	-	2,125
205	Reg. Rd. 16, Ritson Rd. Over CNR Bridge, 0.2 km south of Bloor St., Bridge rehabilitation. 50% of costs to be recovered from CNR as per Board Order No. 98034, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	5,250	-	-	-	-	5,250
		Total	-	5,250	-	-	-	-	5,250

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
206	Reg. Rd. 16, Ritson Rd. Lot 8 / 9 Concession 4 Culvert, 0.01 km North of Given Rd., Culvert rehabilitation, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	1,300	-	-	1,300
		Total	-	-	-	1,300	-	-	1,300
207	Reg. Rd. 17, Main St. Over Orono Creek Culvert, 0.8 km south of Station St., Culvert rehabilitation, Clarington	Pre-Construction	-	-	-	-	-	50	50
		Construction	-	-	-	-	-	300	300
		Total	-	-	-	-	-	350	350
208	Reg. Rd. 18, Newtonville Rd. Culvert, 0.37 km south of Concession Rd. 3, Culvert rehabilitation, Clarington	Pre-Construction	-	-	100	-	-	-	100
		Construction	-	-	-	-	1,500	-	1,500
		Total	-	-	100	-	1,500	-	1,600
209	Reg. Rd. 18, Newtonville Rd. Culvert, 0.1 km north of Concession Rd. 4, Culvert rehabilitation, Clarington	Pre-Construction	-	-	75	-	-	-	75
		Construction	-	-	-	-	1,300	-	1,300
		Total	-	-	75	-	1,300	-	1,375
210	Reg. Rd. 18, Kendal Bridge, 1.18 km south of Ganaraska Rd., Bridge rehabilitation, Clarington	Pre-Construction	-	-	-	-	125	-	125
		Construction	-	-	-	-	-	2,000	2,000
		Total	-	-	-	-	125	2,000	2,125
211	Reg. Rd. 19, Shirley Rd. Culvert, 0.45 km west of Sandy Rd., Culvert replacement, Scugog	Pre-Construction	-	-	-	-	-	200	200
		Construction	-	-	-	-	-	2,400	2,400
		Total	-	-	-	-	-	2,600	2,600
212	Reg. Rd. 20, Mosport Rd. west of Liberty St. north Cross-culvert, Culvert replacement, Clarington	Pre-Construction	120	-	-	-	-	-	-
		Construction	-	-	-	770	-	-	770
		Total	120	-	-	770	-	-	770
213	Reg. Rd. 22, Bayly St. at Westshore Blvd. Culvert, Culvert rehabilitation, Pickering	Pre-Construction	125	-	-	-	-	-	-
		Construction	-	-	1,500	-	-	-	1,500
		Total	125	-	1,500	-	-	-	1,500
214	Reg. Rd. 22, Bloor St. W. Over Oshawa Creek, 0.2 km west of Simcoe St. S., Bridge rehabilitation, Oshawa	Pre-Construction	-	-	-	-	-	200	200
		Construction	-	-	-	-	-	2,500	2,500
		Total	-	-	-	-	-	2,700	2,700

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
215	Reg. Rd. 23, Lake Ridge Rd. Culvert 0.3 km north of Conc. Rd. 2, Culvert rehabilitation, Brock	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	1,200	-	-	-	-	1,200
		Total	-	1,200	-	-	-	-	1,200
216	Reg. Rd. 23, Lake Ridge Rd. Culvert north of Reg. Rd. 12, Culvert replacement, Brock	Pre-Construction	150	-	-	-	-	-	-
		Construction	-	-	2,000	-	-	-	2,000
		Total	150	-	2,000	-	-	-	2,000
217	Reg. Rd. 23 Culvert, 1.0 km north of Thorah Concession Rd 7, Culvert rehabilitation, Brock	Pre-Construction	-	-	-	-	-	50	50
		Construction	-	-	-	-	-	300	300
		Total	-	-	-	-	-	350	350
218	Reg. Rd. 26, Thickson Rd. Culvert at Wentworth St., Culvert rehabilitation in conjunction with watermain replacement, Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,300	-	-	-	-	-	-
		Total	1,300	-	-	-	-	-	-
219	Reg. Rd. 26, Thickson Rd. south of Taunton Rd. Cross-culvert , Culvert replacement, Whitby	Pre-Construction	280	-	-	-	-	-	-
		Construction	-	-	-	1,840	-	-	1,840
		Total	280	-	-	1,840	-	-	1,840
220	Reg. Rd. 27, Altona Rd. Over Petticoat Creek Tributary Culvert, 0.6 km north of Twyn Rivers Dr., Culvert rehabilitation, Pickering	Pre-Construction	-	-	-	-	-	100	100
		Construction	-	-	-	-	-	650	650
		Total	-	-	-	-	-	750	750
221	Reg. Rd. 27, Altona Rd. Over Petticoat Creek Tributary Culvert, 0.2 km north of Finch Ave., Culvert replacement, Pickering	Pre-Construction	-	-	-	-	-	200	200
		Construction	-	-	-	-	-	2,100	2,100
		Total	-	-	-	-	-	2,300	2,300
222	Reg. Rd. 27, Altona Rd. Over Petticoat Creek Tributary Culvert, 1.1 km north of Finch Ave., Culvert rehabilitation, Pickering	Pre-Construction	-	-	-	-	-	50	50
		Construction	-	-	-	-	-	750	750
		Total	-	-	-	-	-	800	800
223	Reg. Rd. 28, Rossland Rd. west of Anderson St. Cross-culvert , Culvert replacement, Whitby	Pre-Construction	250	-	-	-	-	-	-
		Construction	-	-	1,620	-	-	-	1,620
		Total	250	-	1,620	-	-	-	1,620


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

Durham Budget 2024		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
224	Reg. Rd. 28, Rossland Rd. Over Oshawa Creek, 0.45 km east of Park Rd., Bridge rehabilitation in conjunction with road rehabilitation / reconstruction, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	5,100	5,100
		Total	-	-	-	-	-	5,100	5,100
225	Reg. Rd. 29, Liverpool Rd. Over CNR Bridge, 0.1 km north of Bayly St., Bridge rehabilitation, Pickering	Pre-Construction	-	-	-	-	150	-	150
		Construction	-	-	-	-	-	2,500	2,500
		Total	-	-	-	-	150	2,500	2,650
226	Reg. Rd. 31, Westney Rd. Over Miller Creek West Bridge, 0.1 km north of Ritchie Ave., Bridge rehabilitation, Ajax	Pre-Construction	100	-	-	-	-	-	-
		Construction	-	-	-	1,100	-	-	1,100
		Total	100	-	-	1,100	-	-	1,100
227	Reg. Rd. 31, Westney Rd. Over Miller Creek East Bridge, 0.1 km north of Ritchie Ave., Bridge rehabilitation, Ajax	Pre-Construction	100	-	-	-	-	-	-
		Construction	-	-	-	750	-	-	750
		Total	100	-	-	750	-	-	750
228	Reg. Rd. 31, Westney Rd. Over CPR Bridge, 0.4 km north of Taunton Rd., Bridge rehabilitation, Ajax	Pre-Construction	350	-	-	-	-	-	-
		Construction	-	-	4,200	-	-	-	4,200
		Total	350	-	4,200	-	-	-	4,200
229	Reg. Rd. 31, Bayles Bridge, 2.8 km east of Brock Rd., Bridge rehabilitation, Pickering	Pre-Construction	-	-	-	175	-	-	175
		Construction	-	-	-	-	-	2,000	2,000
		Total	-	-	-	175	-	2,000	2,175
230	Reg. Rd. 31, Seventh Concession Rd. Over Brougham Creek Tributary Culvert, 0.34 km west of Paddock Rd., Culvert replacement, Pickering	Pre-Construction	-	175	-	-	-	-	175
		Construction	-	-	-	1,700	-	-	1,700
		Total	-	175	-	1,700	-	-	1,875
231	Reg. Rd. 33, Harmony Rd. Over CPR Bridge, 0.2 km south of Olive Ave., Bridge rehabilitation / replacement. Coordinate with Metrolinx extension to Bowmanville, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	2,400	-	-	-	-	2,400
		Total	-	2,400	-	-	-	-	2,400

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
232	Reg. Rd. 33, Hoskin Bridge, 0.55 km north of Rossland Rd. East, Bridge rehabilitation, Oshawa	Pre-Construction	-	-	-	-	-	125	125
		Construction	-	-	-	-	-	2,000	2,000
		Total	-	-	-	-	-	2,125	2,125
233	Reg. Rd. 34, Courtice Rd. north of Reg. Hwy. 2 Cross-culvert , Culvert replacement, Clarington	Pre-Construction	270	-	-	-	-	-	-
		Construction	-	-	1,780	-	-	-	1,780
		Total	270	-	1,780	-	-	-	1,780
234	Reg. Rd. 34, Enfield Rd. south of Hwy. 407 Cross-culvert , Culvert replacement, Clarington	Pre-Construction	80	-	-	-	-	-	-
		Construction	-	-	490	-	-	-	490
		Total	80	-	490	-	-	-	490
235	Reg. Rd. 35, Wilson Rd. North Pedestrian Underpass, 0.69 km north of Rossland Rd. East, Bridge rehabilitation, Oshawa	Pre-Construction	-	-	-	100	-	-	100
		Construction	-	-	-	-	-	1,500	1,500
		Total	-	-	-	100	-	1,500	1,600
236	Reg. Rd. 46, Brock St. Over CNR Bridge, 0.1 km south of Hwy. 401, Bridge rehabilitation, Whitby	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	1,750	1,750
		Total	-	-	-	-	-	1,750	1,750
237	Reg. Rd. 50, Morgan Bridge, 3.1 km east of Reg. Rd. 51, Bridge rehabilitation. This boundary bridge is a partnership project with Simcoe County. 50% of costs to be recovered by Simcoe County, Brock	Pre-Construction	-	200	-	-	-	-	200
		Construction	-	-	-	2,000	-	-	2,000
		Total	-	200	-	2,000	-	-	2,200
238	Reg. Rd. 53, Stevenson Rd. Over CNR Bridge, 0.9 km north of Wentworth St., Bridge rehabilitation, Oshawa	Pre-Construction	-	-	200	-	-	-	200
		Construction	-	-	-	-	2,500	-	2,500
		Total	-	-	200	-	2,500	-	2,700
239	Reg. Rd. 53, Stevenson Rd. Over CPR Bridge, 0.4 km north of Laval Dr., Bridge rehabilitation / replacement. Coordinate with Metrolinx extension to Bowmanville, Oshawa	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	2,000	-	-	-	-	2,000
		Total	-	2,000	-	-	-	-	2,000


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
240	Reg. Rd. 54, Park Rd. Over CPR Bridge, 0.48 km south of Gibb St., Bridge rehabilitation. Coordinate with Metrolinx extension to Bowmanville, Oshawa	Pre-Construction	-	-	-	-	-	-	-
	Construction	-	3,500	-	-	-	-	-	3,500
	Total	-	3,500	-	-	-	-	-	3,500
241	Reg. Rd. 55, Townline Rd., 0.15km south of Beatrice St. Cross-culvert, Culvert replacement, Oshawa / Clarington	Pre-Construction	-	125	-	-	-	-	125
	Construction	-	-	-	1,500	-	-	-	1,500
	Total	-	125	-	1,500	-	-	-	1,625
242	Reg. Rd. 57, Bowmanville Creek Bridge, 1.9 km north of Reg. Hwy. 2, Bridge rehabilitation, Clarington	Pre-Construction	250	-	-	-	-	-	-
	Construction	-	4,800	-	-	-	-	-	4,800
	Total	250	4,800	-	-	-	-	-	4,800
243	Reg. Rd. 57, Burketon CPR Bridge, 3.3 km south of Shirley Rd., Bridge Replacement, Clarington	Pre-Construction	-	-	-	-	-	-	-
	Construction	6,000	-	-	-	-	-	-	-
	Total	6,000	-	-	-	-	-	-	-
244	Reg. Rd. 58, Manning Rd. Culvert, 0.3 km east of Thickson Rd., Culvert rehabilitation, Whitby	Pre-Construction	-	-	-	-	-	-	-
	Construction	-	-	-	1,300	-	-	-	1,300
	Total	-	-	-	1,300	-	-	-	1,300
245	Reg. Rd. 58, Adelaide Ave. W. Over Oshawa Creek Bridge, 0.6 km west of Simcoe St., Bridge rehabilitation, Oshawa	Pre-Construction	-	-	-	-	-	180	180
	Construction	-	-	-	-	-	2,500	-	2,500
	Total	-	-	-	-	-	2,680	-	2,680
246	Reg. Rd. 58, Adelaide Ave. Culvert, 0.05 km west of Wilson Rd., Culvert rehabilitation, Oshawa	Pre-Construction	-	-	-	-	-	-	-
	Construction	-	1,300	-	-	-	-	-	1,300
	Total	-	1,300	-	-	-	-	-	1,300
247	Reg. Rd. 59, Gibb St. Over Oshawa Creek Bridge, 0.4 km east of Park Rd., Bridge rehabilitation in conjunction with road rehabilitation, Oshawa	Pre-Construction	-	-	-	-	-	-	-
	Construction	-	-	-	4,100	-	-	-	4,100
	Total	-	-	-	4,100	-	-	-	4,100

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
248	Reg. Hwy. 2, Kingston Rd. Over Duffins Creek Bridge, 0.6 km west of Church St., Bridge rehabilitation, Ajax	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	-	1,500	-	1,500
		Total	-	-	-	-	1,500	-	1,500
Structure Rehabilitation / Replacement Subtotal			18,060	32,285	24,000	22,720	12,485	45,435	136,925
Traffic Control & Other Programs - Non-Growth									
249	Miscellaneous Road and Storm Sewer Reconstruction Projects, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	400	400	400	400	400	2,000	3,600
		Total	400	400	400	400	400	2,000	3,600
250	Signal Modernization Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,510	1,645	1,475	1,460	1,390	8,980	14,950
		Total	1,510	1,645	1,475	1,460	1,390	8,980	14,950
251	Accessible Pedestrian Signal (APS) Installation Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,000	1,000	850	850	850	4,250	7,800
		Total	1,000	1,000	850	850	850	4,250	7,800
252	Advance Traffic Management Systems (ATMS) Upgrades, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	1,755	95	65	100	80	475	815
		Total	1,755	95	65	100	80	475	815
253	Uninterruptible Power Supply (UPS) Installation Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	500	500	500	500	500	2,500	4,500
		Total	500	500	500	500	500	2,500	4,500
254	Contingencies Non-Development Related, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	100	100	100	100	100	500	900
		Total	100	100	100	100	100	500	900
Traffic Control & Other Programs - Non-Growth Subtotal			5,265	3,740	3,390	3,410	3,320	18,705	32,565


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Road & Traffic Safety Program (Vision Zero)									
255	Roadside Safety Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	800	800	800	800	800	4,000	7,200
		Total	800	800	800	800	800	4,000	7,200
256	Durham Vision Zero Program, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	650	500	814	-	-	-	1,314
		Total	650	500	814	-	-	-	1,314
Road & Traffic Safety Program (Vision Zero) Subtotal			1,450	1,300	1,614	800	800	4,000	8,514
Cycling Infill Projects									
257	Cycling Infill Projects, Various	Pre-Construction	-	-	-	-	-	-	-
		Construction	900	900	1,000	1,000	1,000	8,500	12,400
		Total	900	900	1,000	1,000	1,000	8,500	12,400
Cycling Infill Projects Subtotal			900	900	1,000	1,000	1,000	8,500	12,400
Building & Structures									
258	Depot Rationalization - Ajax Depot Expansion	Pre-Construction	-	-	-	-	-	-	-
		Construction	11,667	-	-	-	-	-	-
		Total	11,667	-	-	-	-	-	-
259	20 Bay Cold Vehicle Storage - Orono Depot Expansion	Pre-Construction	-	-	-	-	73	-	73
		Construction	-	-	-	-	-	1,193	1,193
		Total	-	-	-	-	73	1,193	1,266
260	Salt and Brine Storage Building - Orono Depot Expansion	Pre-Construction	-	-	-	-	117	-	117
		Construction	-	-	-	-	-	1,050	1,050
		Total	-	-	-	-	117	1,050	1,167
261	Depot Rationalization - New Oshawa/Whitby Depot	Pre-Construction	1,667	-	-	-	-	-	-
		Construction	-	55,000	-	-	-	-	55,000
		Total	1,667	55,000	-	-	-	-	55,000


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
262	New 16 Bay Cold Vehicle Storage - Scugog Depot Expansion	Pre-Construction	-	-	73	-	-	-	73
		Construction	-	-	-	993	-	-	993
		Total	-	-	73	993	-	-	1,066
263	New Salt and Brine Storage Facility - Scugog Depot Expansion	Pre-Construction	-	-	100	-	-	-	100
		Construction	-	-	-	1,067	-	-	1,067
		Total	-	-	100	1,067	-	-	1,167
264	Depot Rationalization - New Sunderland Depot	Pre-Construction	1,333	-	-	-	-	-	-
		Construction	-	14,000	-	-	-	-	14,000
		Total	1,333	14,000	-	-	-	-	14,000
265	Additional Office Space - Scugog Depot	-	-	93	407	-	-	500	
266	Construction of Mezzanine in Fleet Area - Scugog Depot	-	160	-	-	-	-	160	
267	Construction of Mezzanine in Fleet Bay 1 - Orono Depot	-	-	67	-	-	-	67	
268	Improve Turning Radius of Ramp - 101 Consumers	-	-	-	-	264	-	264	
269	Materials Testing Lab Relocation - Oshawa/Whitby Depot	668	-	-	-	-	-	-	
270	Repairs and Epoxy Coat Fleet Bay - Scugog Depot	57	-	-	-	-	-	-	
271	Replace Existing Asphalt in Various Location - Scugog Depot	-	10	123	-	-	-	133	
272	Replacement of Windows - Oshawa/Whitby Depot	-	-	-	-	83	-	83	


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
273	Roof Replacement for Administration section - 101 Consumers	-	-	-	-	-	495	-	495
274	Roof Replacement on Vehicle Storage Bays - Orono Depot	173	-	-	-	-	-	-	-
275	Thermal Glass Panels for Rollup Doors and Door operators - Orono Depot	66	-	-	-	-	-	-	-
276	Widening of Existing Canopy Entrance - Sunderland Depot	41	-	-	-	-	-	-	-
Building & Structures Subtotal		15,672	69,170	456	2,467	1,032	2,243	75,368	
Machinery & Equipment									
277	48" Round Shoring - Various Locations	-	-	3	-	-	-	6	9
278	Asphalt Content Ignition Furnace - Construction	-	-	-	-	-	-	7	7
279	Concrete Testing Equipment - Construction	-	-	-	-	-	-	9	9
280	Electronic Scale - Construction	-	-	-	-	-	-	3	3
281	Lab Oven - Various Locations	-	-	-	-	-	-	4	4
282	Latex Printer/Cutter - Traffic Engineering & Operations	-	35	-	-	-	-	-	35
283	Metal Detector - Sunderland Depot	-	-	-	-	-	-	-	-


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
284	North Dock Leveler Replacement - Oshawa/Whitby Depot	-	10	-	-	-	-	-	10
285	Nuclear Densometer - Construction	-	5	-	-	-	-	-	5
286	Pipe Locator - Various Locations	-	-	-	-	3	3	3	6
287	Portable Variable Message Signs - Traffic Engineering & Operations	-	200	-	-	-	-	-	200
288	Pressure Washer - Sunderland Depot	-	3	-	-	-	-	-	3
289	Replace 15,000 lbs Above Ground Hoist - Oshawa/Whitby Depot	-	-	28	-	-	-	-	28
290	Rollover flat bed applicator - Traffic Engineering & Operations	-	32	-	-	-	-	-	32
291	Safety Barrel Cones - Scugog Depot	-	-	-	-	-	-	1	1
292	Security Platform Replacement - Various Locations	13	-	-	-	-	-	-	-
293	Snow Fence Replacement - Various Locations	-	-	-	-	3	6	6	9
294	Survey GPS Instrument - Construction	10	10	10	10	17	37	37	84
295	Survey Total Station Replacement - Construction	17	-	17	-	17	34	34	68


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
296	Temporary Traffic Control Sign Replacement - Various Locations	-	2	-	2	-	6	10	
297	Trench Box Replacement - Sunderland Depot	-	-	-	-	5	-	5	
Machinery & Equipment Subtotal		40	296	58	11	45	115	525	
Information Technology Infrastructure									
298	Bridge Management System (BMS) Software - Transportation-Infrastructure	-	200	-	-	-	-	200	
299	Computers & Monitors Refresh - Financial Services	223	259	239	258	294	1,241	2,291	
300	dTIMS Software Upgrades - Transportation-Infrastructure	-	-	-	-	50	-	50	
301	Fuel Management System & Infrastructure Replacement - Various Locations	-	217	-	-	-	-	217	
302	Large Format Colour Plotter - Traffic Engineering & Operations	30	-	-	-	-	25	25	
303	Power Laptops - Various Locations	10	182	46	27	27	65	347	
304	Scanner and Wide Format Black & White Printer - Construction	-	-	22	-	-	-	22	
305	Standard Laptops	-	7	-	-	-	-	7	
Information Technology Infrastructure Subtotal		263	865	306	285	371	1,330	3,157	


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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Vehicles									
306	1 Ton High Roof Van - Various Locations	-	-	-	53	-	-	53	
307	1 Ton Plow Truck - Ajax Depot	145	-	-	-	-	-	-	
308	1 Ton Plow Truck - Sunderland Depot	145	-	-	-	-	-	-	
309	1/2 ton Pick-up Truck - Traffic Engineering & Operations	840	625	35	35	105	-	800	
310	1/4 Ton Pick-up Truck - 289 Water St. (Facilities Maintenance)	-	24	-	-	-	-	24	
311	2 Ton Truck - Oshawa/Whitby Depot	-	-	-	-	-	67	67	
312	3 Ton Crew Cab - Various Locations	1,835	62	-	-	-	-	62	
313	3 Ton Service Truck - Traffic Engineering & Operations	1,100	-	-	-	-	-	-	
314	3/4 Ton Pick Up Truck - Various Locations	125	167	-	-	-	-	167	
315	3/4 Ton Van - Ajax WSP	160	-	-	-	-	-	-	
316	5 Ton Flatbed - Traffic Engineering & Operations	625	-	-	-	-	-	-	
317	6 Ton Tandem - Orono Depot	649	-	-	-	-	-	-	


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

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		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
318	6 Ton Tandem - Oshawa/Whitby Depot		650	-	-	-	-	-	-
319	6 Ton Tandem - Sunderland Depot		650	-	-	-	-	-	-
320	Asphalt Grinder Attachment (Skid Steer Loader) - Oshawa/Whitby Depot		-	-	8	-	-	-	8
321	Asphalt Hot Box - Ajax Depot		72	-	-	-	-	-	-
322	Asphalt Hot Box - Orono Depot		72	-	-	-	-	-	-
323	Asphalt Hot Box - Oshawa/Whitby Depot		72	-	-	-	-	-	-
324	Asphalt Hot Box - Scugog Depot		72	-	-	-	-	-	-
325	Asphalt Hot Box - Sunderland Depot		144	-	-	-	-	-	-
326	Backhoe with Breaker Attachment - Sunderland Depot		-	142	-	-	-	-	142
327	Breaker - Various Locations		150	-	-	-	-	-	-
328	Cube Van - 289 Water St		165	-	-	-	-	-	-
329	Emergency Fleet Equipment Replacement - Fleet		295	-	-	-	-	-	-
330	Enclosed Utility Trailer - Scugog Depot		-	17	-	-	-	-	17


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
331	Fleet Replacement Program Based on Useful Life - Fleet	-	2,259	4,571	1,814	7,501	16,478	32,623	
332	Forklift - Ajax Depot	42	-	-	-	-	-	-	
333	Generator - Oshawa/Whitby Depot	15	-	-	-	-	-	-	
334	Geodimeter - Construction	396	-	-	-	-	-	-	
335	Gradall - Orono Depot	950	-	-	-	-	-	-	
336	Gradall - Sunderland Depot	950	-	-	-	-	-	-	
337	Guard Rail Grass and Weed Cutter	-	125	-	-	-	-	125	
338	Hybrid Van - Oshawa/Whitby Depot	-	-	17	-	-	-	17	
339	Illuminated Sign Board - Scugog Depot	-	17	-	-	-	-	17	
340	Large Paint Truck - Traffic Engineering & Operations	1,100	-	-	-	-	-	-	
341	Liquid Spray Tank - Various Locations	300	-	-	-	-	-	-	
342	Pole Trailer - Sunderland Depot	50	-	-	-	-	-	-	
343	Rubber tire roller compaction unit - Orono Depot	-	20	-	-	-	-	20	


Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
344	Sidewalk Plow/Snowblower - Oshawa/Whitby Depot	-	-	-	-	-	-	50	50
345	Single Axle Dump Truck - Ajax Depot	167	-	-	-	-	-	-	-
346	Single Axle Trailer - Oshawa/Whitby Depot	30	-	-	-	-	-	-	-
347	Single Axle Trailer - Traffic Engineering & Operations	35	-	-	-	-	-	-	-
348	Small Paint Truck - Traffic Engineering & Operations	882	-	-	-	-	-	-	-
349	Snow Blower - Oshawa/Whitby Depot	20	-	-	-	-	-	-	-
350	Snow Blower - Scugog Depot	300	-	-	-	-	-	-	-
351	Snow Blower for skid steer loader - Oshawa/Whitby Depot	-	10	-	-	-	-	-	10
352	Special Pump - Oshawa/Whitby Depot	85	-	-	-	-	-	-	-
353	Street Flusher - Oshawa/Whitby Depot	-	-	117	-	-	-	-	117
354	Street Sweeper attachment for Roadside Mower/Tractor - Oshawa/Whitby Depot	-	8	-	-	-	-	-	8
355	Tamper - Various Locations	83	-	-	-	-	-	-	-
356	Tandem Axle Dump Trailer - Sunderland Depot	-	12	-	-	-	-	-	12

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
357	Tandem Axle Truck - Oshawa/Whitby Depot	-	83	-	-	-	-	-	83
358	Tandem Dump Trailer - Oshawa/Whitby Depot	32	-	-	-	-	-	-	-
359	Tandem Trailer - Various Locations	350	-	-	-	-	-	-	-
360	Tapping Machine - Oshawa/Whitby Depot	30	-	-	-	-	-	-	-
361	Tractor - Ajax Depot	2,368	-	-	-	-	-	-	-
362	Water Pump - Various Locations	18	-	-	-	-	-	-	-
Vehicles Subtotal		16,169	3,571	4,748	1,902	7,606	16,595	34,422	
Furniture and Fixtures									
363	A/V Equipment and Technology Upgrades - Various Locations	-	20	10	10	10	10	10	60
364	Office Furniture - Various Locations	-	-	1	-	1	-	-	2
365	Parts Cabinets - Various Locations	125	-	-	-	-	-	-	-
Furniture and Fixtures Subtotal		125	20	11	10	11	10	62	
Total Capital Regional Roads and Infrastructure		161,140	279,582	248,329	259,550	296,115	1,664,951	2,748,527	

Appendix B: 2024-2033 Regional Roads and Infrastructure Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix A for financing details for capital projects proposed in 2024.

	Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
			2025	2026	2027	2028	2029-2033	

* Pre-construction capital financing includes expenditures for land purchases, utility relocates, preliminary studies, design, etc.

** Projects with regularly recurring expenditures include allowances, machinery and equipment, information technology, vehicles and furniture and fixtures, etc. do not include separate pre-construction and construction capital financing

*** Appendix B includes financing of the following development charge shortfalls:

	2024	2025	2026	2027	2028	2029 - 2033	Grand Total
DC Shortfall							
Residential DC Shortfall	-	25,300	-	-	-	-	25,300
Commercial DC Shortfall	-	-	-	-	-	-	-
Institutional DC Shortfall	2,604	4,350	9,375	9,228	10,861	69,028	105,446
Industrial DC Shortfall	2,977	-	-	-	-	12,447	15,424
Total DC Shortfall	5,581	29,650	9,375	9,228	10,861	81,475	146,170
Shortfall Financing Source							
Regional Roads Levy	5,581	2,721	9,375	9,228	10,861	81,475	119,241
Debenture	-	26,929	-	-	-	-	26,929
Total Funding	5,581	29,650	9,375	9,228	10,861	81,475	146,170

Appendix C: 2024 Solid Waste Management Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix D for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024		Quantity	New / Replacement	2024 Proposed Financing								2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
				Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture					General Levy
Solid Waste Management																
Building and Structures																
4	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - Brock WMF		-	-	-	-	-	-	-	-	-	100	100	150	2,000	2,250
4	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - North/West Facility		-	-	-	-	-	-	-	-	-	100	100	-	9,000	9,100
8	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - Oshawa WMF		-	-	4,000	-	-	-	-	-	-	-	4,000	1,000	4,000	9,000
8	EV Chargers - Various Locations		3	New	-	-	-	-	-	-	-	26	26	-	-	26
Building and Structures Subtotal						-	4,000	-	-	-	-	226	4,226	1,150	15,000	20,376
Machinery & Equipment																
15	Replace Weigh Scale - Various Locations		1	Replacement	-	-	-	-	-	-	-	150	150	-	-	150
16	Roll-off Bin Replacement Program - Waste Facilities		17	Replacement	-	-	-	-	-	-	-	107	107	-	-	107
18	Security Platform Replacement - Various Locations		6	Replacement	-	-	-	-	-	-	-	21	21	-	-	21
Machinery & Equipment Subtotal						-	-	-	-	-	-	278	278	-	-	278
Information Technology Infrastructure																
19	Computer Printer - Waste Facilities		1	Replacement	-	-	-	-	-	-	-	3	3	-	-	3

Appendix C: 2024 Solid Waste Management Capital Projects (\$,000's)

Provides financing details for capital projects proposed in 2024. See Appendix D for the comprehensive 2024 capital budget and 2025-2033 forecast

Durham Budget 2024	Quantity	New / Replacement	2024 Proposed Financing									2024 Proposed Budget	Approved Funding Prior to 2024	Forecast 2025-2033	Total Project to 2033	
			Other	Reserve/ Reserve Funds	Industrial DCs	Institutional DCs	Commercial DCs	Residential DCs	Subsidy /Grant	Debenture	General Levy					
19 Computers & Monitors Refresh	1	Replacement	-	-	-	-	-	-	-	-	-	37	37	-	-	37
19 Ipad - Durham/York Energy Centre	2	New	-	-	-	-	-	-	-	-	-	2	2	-	-	2
19 Power Laptops - Various Locations	2	New	-	-	-	-	-	-	-	-	-	8	8	-	-	8
19 Toughbook Tablet with Monitor - Waste Admin - By-Law	1	New	-	-	-	-	-	-	-	-	-	3	3	-	-	3
Information Technology Infrastructure Subtotal			-	-	-	-	-	-	-	-	-	53	53	-	-	53
Vehicles																
1/2 Ton Pick-up Truck - Various Locations	1	New	-	-	-	-	-	-	-	-	-	105	105	-	-	105
Cube Van Upgrade - Various Locations	1	Replacement	-	-	-	-	-	-	-	-	-	70	70	-	-	70
Vehicles Subtotal			-	-	-	-	-	-	-	-	-	175	175	-	-	175
Solid Waste Management Subtotal			-	4,000	-	-	-	-	-	-	-	732	4,732	1,150	15,000	20,882
Total Capital Solid Waste Management			-	4,000	-	-	-	-	-	-	-	732	4,732	1,150	15,000	20,882


Appendix D: 2024 - 2033 Solid Waste Management Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix C for financing details for capital projects proposed in 2024

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
Solid Waste Management									
Building & Structures									
1	Provision for Long Term Waste Management Needs	Pre-Construction	-	-	-	10,000	-	-	10,000
		Construction	-	-	-	-	-	-	-
		Total	-	-	-	10,000	-	-	10,000
2	Durham York Energy Centre - Consultant investigation - additional waste heat utilization / project construction	Pre-Construction	-	-	100	-	1,000	-	1,100
		Construction	-	-	-	-	-	-	-
		Total	-	-	100	-	1,000	-	1,100
3	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - Scugog WMF	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	150	500	1,600	-	-	2,250
		Total	-	150	500	1,600	-	-	2,250
4	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - Oshawa WMF	Pre-Construction	-	-	-	-	-	-	-
		Construction	4,000	4,000	-	-	-	-	4,000
		Total	4,000	4,000	-	-	-	-	4,000
5	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - Brock WMF	Pre-Construction	-	-	-	-	-	-	-
		Construction	100	2,000	-	-	-	-	2,000
		Total	100	2,000	-	-	-	-	2,000
6	Modifications and/or new waste management facilities - Optimization of older WMF sites and/or new sites for efficiencies/growth - North/West Facility	Pre-Construction	-	-	-	-	-	-	-
		Construction	100	1,000	4,500	3,500	-	-	9,000
		Total	100	1,000	4,500	3,500	-	-	9,000
7	Mixed Waste Pre-sort and Anaerobic Digestion Facility ¹	Pre-Construction	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	192,600	192,600
		Total	-	-	-	-	-	192,600	192,600
8	Equipment Storage Building - Oshawa WMF	-	540	-	-	-	-	540	
9	EV Chargers - Various Locations	26	-	-	-	-	-	-	

Appendix D: 2024 - 2033 Solid Waste Management Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix C for financing details for capital projects proposed in 2024

		Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
				2025	2026	2027	2028	2029-2033	
10	Extension of Concrete Retaining Wall - Brock WMF	-	119	-	-	-	-	-	119
11	Office Reconfiguration - Durham/York Energy Centre	-	145	-	-	-	-	-	145
12	Pave Area to North and East of Site - Scugog WMF	-	-	215	-	-	-	-	215
13	Perimeter Chain Link Fence Replacement - Oshawa WMF	-	172	-	-	-	-	-	172
14	Replace Inbound Scale House #2 - Oshawa WMF	-	100	-	-	-	-	-	100
15	Resurfacing Asphalt Paving - Oshawa WMF	-	-	-	350	270	-	-	620
16	Scale House - Various Locations	-	-	-	-	115	-	-	115
17	South Customer Disposal Area Enlargement - Oshawa WMF	-	275	1,575	-	-	-	-	1,850
Building & Structures Subtotal			4,226	8,501	6,890	15,450	1,385	192,600	224,826
Machinery & Equipment									
18	CCTV System Installation - Recycling Centre	-	22	-	-	-	-	-	22
19	Replace Weigh Scale - Various Locations	150	150	150	-	-	-	-	300
20	Roll-off Bin Replacement Program - Waste Facilities	107	107	107	107	107	107	535	963

Appendix D: 2024 - 2033 Solid Waste Management Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix C for financing details for capital projects proposed in 2024

Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
		2025	2026	2027	2028	2029-2033	
21 Security Platform Replacement - Various Locations	21	-	-	-	-	-	-
Machinery & Equipment Subtotal	278	279	257	107	107	535	1,285
Information Technology Infrastructure							
22 Computer Printer - Waste Facilities	3	3	3	3	3	15	27
23 Computers & Monitors Refresh	37	92	50	34	105	264	545
24 Ipad - Durham/York Energy Centre	2	-	-	-	-	-	-
25 Power Laptops - Various Locations	8	10	1	51	-	1	63
26 Standard Laptops	-	-	-	-	-	-	-
27 Toughbook Tablet with monitor - Waste Admin - By-Law	3	3	-	3	-	-	6
Information Technology Infrastructure Subtotal	53	108	54	91	108	280	641
Vehicles							
28 1/2 Ton Pick-up Truck - Various Locations	105	111	-	105	-	-	216
29 1/4 Ton Pick-up Truck - 289 Water St. (Facilities Maintenance)	-	4	-	-	-	-	4
30 Cube Van Upgrade - Various Locations	70	-	-	-	-	-	-
31 Forklift - Cherrywood WMF	-	-	-	125	-	-	125

Appendix D: 2024 - 2033 Solid Waste Management Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix C for financing details for capital projects proposed in 2024

Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
		2025	2026	2027	2028	2029-2033	
32 Forklift - Various Locations	-	185	-	-	-	-	185
33 Medium Articulated Loader - Cherrywood WMF	-	-	-	700	-	-	700
34 Skidsteer - Cherrywood WMF	-	-	-	150	-	-	150
Vehicles Subtotal	175	300	-	1,080	-	-	1,380
Landfill Remediation / Rehabilitation							
35 Oshawa Landfill - Remediation - Erosion and leachate control	-	500	325	125	250	3,400	4,600
36 Oshawa Landfill - Biofilter	-	350	300	-	-	-	650
37 Scott Landfill - Landfill Reclamation (Mining)	-	-	300	400	6,448	-	7,148
38 Scugog Landfill - Remediation - Purchase Contaminant Attenuation Zone	-	100	1,400	-	-	-	1,500
Landfill Remediation / Rehabilitation Subtotal	-	950	2,325	525	6,698	3,400	13,898
Total Capital Solid Waste Management	4,732	10,138	9,526	17,253	8,298	196,815	242,030

Appendix D: 2024 - 2033 Solid Waste Management Capital Forecast (\$,000's)

Provides a listing for all projects within the 2024 budget and nine-year capital forecast. See Appendix C for financing details for capital projects proposed in 2024

	Expenditure Category	2024 Proposed Budget	Forecast					Forecast Total
			2025	2026	2027	2028	2029-2033	

¹ Project #7 - Mixed Waste Pre-sort and Anaerobic Digestion Facility - a provision of \$192.6 million has been included in 2032 and 2033 with the balance of funding projected to be required outside the ten year capital plan

* Pre-construction capital financing includes expenditures for land purchases, utility relocates, preliminary studies, design, etc.

** Projects with regularly recurring expenditures include allowances, machinery and equipment, information technology, vehicles and furniture and fixtures, etc. do not include separate pre-construction and construction capital financing

*** Appendix D includes financing of the following development charge shortfalls as follows:

	2024	2025	2026	2027	2028	2029 - 2033	Grand Total
DC Shortfall							
Residential DC Shortfall	500	1,961	1,384	-	-	-	3,845
Commercial DC Shortfall	-	-	-	-	-	-	-
Institutional DC Shortfall	-	-	-	-	-	-	-
Industrial DC Shortfall	-	-	-	-	-	-	-
Total DC Shortfall	500	1,961	1,384	-	-	-	3,845
Shortfall Financing Source							
Waste Management Reserve Fund	500	1,961	1,384	-	-	-	3,845
Total Funding	500	1,961	1,384	-	-	-	3,845