

Niagara Region Public Works Capital Projects Update

Niagara Region // April 8, 2025

PWC-C-1-2025 – Appendix 1

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Fort Erie

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Reconstruction of RR116 Stevensville Rd from Eagle St to Bowen Rd including the replacement of Stevensville Rd Bridge (116215)	Road reconstruction project including intersection improvements, active transportation and bridge replacement	Design	Detailed Design	Road Rehabilitation	Detailed Design 30%	Frank Tassone
Water-Wastewater	New Fort Erie Elevated Water Tank	Design for a new ET and associated distribution and transmission system in Fort Erie.	Design	Tendering	Water Sustainability	Construction	New Fort Erie Elevated Water Tank
Water-Wastewater	New Trunk Watermain in Central Fort Erie	Decommissioning of the Old Central Avenue Elevated Tank resulting in new trunk watermain, for adequate water supply to Central Fort Erie	Design	Design - 40%	Water Sustainability	Design - 60%	New Trunk Watermain in Central Fort Erie

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Lakeshore Road SPS Upgrades	Detailed design for a full station sustainability and capacity increase upgrades.	Design	Design – 100%	Wastewater Sustainability	Tendering / Construction	Lakeshore Road SPS Upgrade
Waste Management	Bridge Street Drop Off Depot Improvements	Upgrades to improve customer service, reduce weight times and make operational improvements. Included new scales, scalehouse, dump pad and access road.	Warranty	Warranty	Waste - Improvements	Warranty	Catherine Habermebl
Waste Management	Bridge St - Paving Upgrades	Paving of Drop-Off Depot and ancillary roadways around the Depot to reduce dust and maintenance	Design	Design	Waste - Road Rehabilitation	Tender	Catherine Habermebl



Grimsby

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Capacity Improvement of RR10 Casablanca Blvd from Main St to North Service Rd	Road reconstruction project including road widening, intersection improvements and active transportation	Design	Detailed Design 100%	Capacity Improvement	Tender	Widening of Casablanca Blvd
Transportation	Reconstruction of RR81 Main St W from Oakes Rd to Casablanca Blvd	Road reconstruction project including drainage improvements and active transportation	Design	Detailed Design 60%	Road Rehabilitation	Detailed Design 90%	Reconstruction of Main St W
Transportation	Reconstruction of RR81 Main St Phase 1 from DSBN HS to Park Rd N	Road reconstruction project including urbanization and active transportation	Design	Detailed Design	Road Rehabilitation	Detailed Design 30%	Reconstruction of Main St

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	New Trunk Watermain from Grimsby WTP to Parkridge Reservoir	Environmental Assessment for new high-pressure feeder main from the Grimsby WTP to the new Parkridge Reservoir.	Study	Study	Water Capacity Upgrade	Field Investigations, Study continuation	<u>New Trunk Watermain from Grimsby WTP to Parkridge Reservoir</u>

Lincoln

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Reconstruction of RR81 King St from Durham Rd to Lincoln Ave	Road reconstruction project including drainage improvements, intersection improvements and active transportation	Design	Detailed Design 100%	Road Rehabilitation	Tender	Reconstruction of King St
Transportation	Reconstruction of RR81 King St from Vinehaven Trail to 23rd St	Road reconstruction project including road widening, intersection improvements and active transportation	Design	Detailed Design 60%	Road Rehabilitation	Detailed Design 90%	Reconstruction of King St
Transportation	Replacement of 20 Mile Arch Bridge (081210)	Full Bridge Replacement	Construction	Construction	Structural Rehabilitation	Construction continues	20 Mile Arch Bridge

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Laurie Ave Sewage Pump Station & Forcemain	The Sewage Pumping Station (SPS) was identified as a growth-driven capacity upgrade and includes the design and construction of an expanded SPS and approximately 850m of forcemain.	Construction	Construction	Wastewater Capacity Upgrade	Construction	Phill Lambert
Water-Wastewater	Ontario Street Watermain Replacement	Replacement of 1.7km of transmission watermain on Ontario Street between Greenlane & King Street.	Construction	Construction continues	Water Sustainability	Construction Completion Summer 2025	Ontario Street WM Replacement

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Victoria Avenue Watermain	Replacement of 900m of transmission watermain on Victoria Avenue between King Street and Moyer Road in the Town of Lincoln	Warranty	Warranty	Water Sustainability	Warranty	Victoria Avenue Watermain
Waste Management	Quarry Road Landfill Leachate Management System (LMS)	Replacement of a the current LMS with a new re-designed system that will better treat impacts to receiving water body	Tender	Tender	Waste - Improvements	Construction – Q2 2025	Catherine Habermebl

Niagara Falls

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Intersection Improvement at RR57 Thorold Stone Rd and Dorchester Rd	Intersection Improvement project including turning lane modifications and active transportation	Study	Project Initiation	Intersection Improvement	EA	Frank Tassone
Transportation	Reconstruction of RR20 Lundy's Lane from Montrose Rd to Highland Ave	Road reconstruction project including intersection improvements and active transportation	Study	EA	Road Rehabilitation	Detailed Design	Reconstruction of Lundy's Lane
Transportation	New Road RR57 Thorold Stone Road - Roundabout to Existing Limit	New road construction including active transportation	Design	Detailed Design 30%	Capacity Improvement	Detailed Design 60%	Road Extension of Thorold Stone Rd



Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Capacity Improvements of RR49 McLeod Rd Phase 2 Hydro Canal (HEPC) to Wilson Cr	Road reconstruction project including road widening, intersection improvements and active transportation	Design	Detailed Design 90%	Capacity Improvement	Detailed Design 100%	Reconstruction of McLeod Rd
Transportation	Reconstruction of RR43 Bridge St from Victoria Ave to Erie Ave	Road reconstruction project including road widening and active transportation	Design	Detailed Design 30%	Road Rehabilitation	Detailed Design 60%	Reconstruction of Bridge St
Transportation	Capacity Improvement of RR47 Lyon's Creek Rd Phase 1 from Montrose Rd to Dell Rd	Road reconstruction project including road widening, intersection improvements and active transportation	Design	Detailed Design 90%	Road Rehabilitation	Detailed Design 100%	Reconstruction of Lyon's Creek Rd



Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Rehabilitation of Hydro Canal North Bridge (020230)	Bridge Rehabilitation	Design	Tender	Structural Rehabilitation	Construction	Frank Tassone
Transportation	Capacity Improvement of RR98 Montrose Rd Phase 1 from Lyons Creek Rd to Grassy Brook Rd	Road reconstruction project including road widening, intersection improvements and active transportation	Construction	Warranty	Capacity Improvement	Project Completion	Reconstruction of Montrose Rd
Water-Wastewater	South Niagara Falls Trunk Sewer	Detailed design for a new trunk sewer from the existing South Side HL to the new South Niagara WWTP	Design	Design 10%	Wastewater Sustainability	Design 10%	New South Niagara WWTP

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	New Niagara Falls Elevated Tank	Environmental Assessment and Land Acquisition for the replacement of the Lundy's Lane ET with a new ET	Study	Study	Water Sustainability	Design	New Niagara Falls Elevated Tank
Water-Wastewater	New South Niagara WWTP	Design for a new WWTP in south Niagara to accommodate anticipated growth.	Design	Design 10%	Wastewater Capacity Upgrade	Design 10%	New South Niagara WWTP
Water-Wastewater	Rolling Acres PS and FM Upgrades	Detailed design for a full station upgrade and forcemain replacement	Design	Design – 90%	Wastewater Sustainability	Design – 100%	Rolling Acres PS and FM Upgrades
Water-Wastewater	Niagara Falls WTP Intake Relocation	Relocation of the WTP intake to accommodate OPG power canal shutdown	Design	Design – 40%	Water Sustainability	Design – 60%	Niagara Falls WTP Temporary Intake

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Thundering Waters Sewer Rehabilitation	Rehabilitation of approximately 1.8kms of 1200mm diameter sewer including manholes	Tendering	Tender Award	Wastewater Capacity Upgrade	Construction Begins	Phill Lambert
Water-Wastewater	Niagara Falls WWTP Secondary Treatment Upgrades	Upgrades to the secondary treatment, disinfection system, channel aeration, coagulation and flocculant system, substation and emergency power generator	Construction	Construction	Wastewater Sustainability	Construction continues	Phill Lambert
Waste Management	Mountain Road Leachate Collection System (LCS) Upgrades	Improvements to the LCS to enhance functionality and avoid potential impacts to the environment.	Tendering	Tender Award	Waste - Sustainability	Construction - Q1 2025	Catherine Habermebl

Niagara-on-the-Lake

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Reconstruction of RR61 Townline Rd from RR102 Stanley Ave to RR100 Four Mile Creek Rd	Road reconstruction project including intersection improvements and active transportation	Study	Study Complete	Road Rehabilitation	Detailed Design	Frank Tassone
Transportation	Reconstruction of RR55 Niagara Stone Rd (Phase 1) from Four Mile Creek Rd to Line 1 Rd	Road reconstruction project including intersection improvements and active transportation	Construction	Warranty	Road Rehabilitation	Project Completion	Reconstruction of Niagara Stone Rd
Transportation	Reconstruction of RR55 Niagara Stone Rd (Phase 2) from Line 1 Rd to East West Line	Road reconstruction project including intersection improvements and active transportation	Design	Detailed Design 90%	Road Rehabilitation	Detailed Design 100%	Reconstruction of Niagara Stone Rd

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	York Road W/M Replacement	Design for the replacement of 3km of existing ductile iron watermain with new PVC watermain	Tendering	Tender Award	Water Sustainability	Construction Begins	<u>York Road W/M Replacement</u>

Pelham

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Capacity Improvement of RR37 Merritt Rd from Hwy 406 to Rice Rd	Road reconstruction project including new road from Cataract Rd to Merritt Rd, road widening, intersection improvements and active transportation	Study	EA Review Period	Capacity Improvement	EA Complete	Reconstruction of Merritt Rd
Transportation	Capacity Improvement of RR54 Rice Rd from Merritt Rd Quaker Rd	Road reconstruction project including road widening, intersection improvements and active transportation	Study	EA Review Period	Capacity Improvement	EA Complete	Reconstruction of Rice Rd

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	New Pelham Elevated Tank EA	New ET is required in Pelham. The existing Pelham ET will be decommissioned and demolished post construction of new ET.	Design	RFP Awarded	Water Compliance	Design 10%	New Pelham Elevated Tank EA
Waste Management	Centre Street - Paving Upgrades	Paving of Leash Free Dog Park parking lot to reduce ongoing maintenance	Design	Design	Waste - Road Rehabilitation	Tender	Catherine Habermebl

Port Colborne

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Eastside SPS Forcemain/Barrick Road Watermain Detailed Design (Project Eagle)	FM crossing beneath Seaway canal to facilitate development of the east side of Port Colborne. Full forcemain. Partnership with the City of Port Colborne	Design	Detailed 90%	Water Growth and Wastewater Sustainability	Tender April/25	Eastside Employment Lands Water and Wastewater Servicing
Water-Wastewater	Port Colborne City Hall SPS and Forcemain Upgrade	Design and construction for the replacement of existing cast iron forcemain with new PVC forcemain.	Design	Design – 90%	Wastewater Sustainability	Design – 100%	City Hall SPS and Forcemain Upgrade

St. Catharines

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Reconstruction of RR42 Ontario St from Linwell Rd to Welland Ave	Road reconstruction project including intersection improvements and active transportation	Study	PIC 2	Road Rehabilitation	PIC 3	Reconstruction of Ontario St
Transportation	Reconstruction of RR72 Louth St from RR81 St. Paul St W to Crestcombe Rd	Road reconstruction project including urbanization, intersection improvements and active transportation	Study	PIC 3	Road Rehabilitation	Detailed Design RFP	Reconstruction of Louth St
Transportation	Reconstruction of RR48 Niagara St from Carlton St to Scott St	Road reconstruction project including urbanization and active transportation	Design	Detailed Design 60%	Road Rehabilitation	Detailed Design 90%	Reconstruction of Niagara St

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Replacement of St. Paul W CNR Bridge (081215)	Bridge Replacement	Construction	Construction	Structural Rehabilitation	Construction continues	Replacement of St. Paul W CNR Bridge
Transportation	Replacement of JR Stork Bridge (038205)	Bridge Replacement	Design	Detailed Design 90%	Structural Rehabilitation	Detailed Design 100%	Replacement of JR Stork Bridge
Transportation	Rehabilitation of Seventh St Bridge (034205)	Bridge Rehabilitation	Construction	Construction	Structural Rehabilitation	Construction continues	Frank Tassone
Transportation	Reconstruction of St. Catharine's Go Station Road Network	Reconstruction project to include site works, parking lot and bus loops	Construction	Construction	Road Rehabilitation	Construction continues	Reconstruction of St. Catharines Go Station
Transportation	Reconstruction of RR42 Ontario St from Lakeshore Rd to Linwell Rd	Road reconstruction project including urbanization, intersection improvements and active transportation	Construction	Warranty	Road Rehabilitation	Project Completion	Reconstruction of Ontario St

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Port Dalhousie WWTP Upgrades - Contract 1	Aeration process upgrade including, New Aeration tanks, blower building and SCADA controls, and decommissioning of existing infrastructure	Warranty	Warranty ongoing	Wastewater Sustainability	Warranty continues	Port Dalhousie WWTP Upgrades - Contract 1
Water-Wastewater	DeCew WTP Plant 3 Contract 2	New superstructure above the flocculation and settling tanks and filter building including new HVAC, electrical, upgrades to low-lift pumping station	Construction	Construction ongoing	Water Sustainability	Construction continues	Phill Lambert



Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Waste Management	Glenridge – Passive Gas System	Construction of a passive gas venting system and sheet pile wall to mitigate off-site migration of landfill gas	Construction	Construction	Waste - Improvements	Warranty - Q1 2025	Catherine Habermebl
Waste Management	Glenridge Leachate Collection System (LCS) Header Replacement	Stormwater management and leachate collection system improvements.	Completed	Warranty	Waste - Sustainability	Warranty	Catherine Habermebl

Thorold

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Capacity Improvement of RR37 Merritt Rd from Hwy 406 to Rice Rd	Road reconstruction project including new road from Cataract Rd to Merritt Rd, road widening, intersection improvements and active transportation	Study	EA Review Period	Capacity Improvement	EA Complete	Reconstruction of Merritt Rd
Water-Wastewater	Beaverdams SPS Upgrade & Forcemain Replacement	The Beaverdams SPS was identified for a capacity upgrade.	Construction	Construction ongoing	Wastewater Capacity Upgrade	Construction continues	Beaverdams SPS Upgrade & Forcemain Replacement

Wainfleet

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Replacement of Oswego Creek Bridge (045205)	Full Bridge Replacement	Construction	Tender	Structural Rehabilitation	Construction	Oswego Creek Bridge

Welland

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Capacity Improvement of RR37 Merritt Rd from Hwy 406 to Rice Rd	Road reconstruction project including new road from Cataract Rd to Merritt Rd, road widening, intersection improvements and active transportation	Study	EA Review Period	Capacity Improvement	EA Complete	<u>Reconstruction of Merritt Rd</u>
Transportation	Capacity Improvement of RR54 Rice Rd from Merritt Rd Quaker Rd	Road reconstruction project including road widening, intersection improvements and active transportation	Study	EA Review Period	Capacity Improvement	EA Complete	<u>Reconstruction of Rice Rd</u>
Water-Wastewater	Bemis Park Elevated Tank Environmental Assessment	Existing tank slated for replacement, EA addresses deficiencies related to future storage requirements and pumping capacity to ensure adequate sizing of future ET.	Study	EA Ongoing	Water Compliance	EA Continues	<u>Bemis Park Elevated Tank</u>

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Water-Wastewater	Welland WTP Transmission Main - Welland Canal Crossing	New water main crossing Welland Recreational Canal, included in works is Merritt Street rehabilitation of road with City of Welland	Design	Design – 100%	Water Capacity Upgrade	Tendering	Welland WTP Transmission Main - Welland Canal Crossing
Water-Wastewater	Quaker Road Trunk Main	Design and construction of 600m of sanitary gravity sewer on Quaker Road from Pelham Street to Rice Road	Construction	Construction ongoing	Wastewater Capacity Upgrade	Construction continues	Quaker Road Trunk Main
Water-Wastewater	Welland WTP Phase 2 Upgrades	Replacement/Upgraded WTP at Welland	Design	Detailed Design 75%	Water Growth and Sustainability (Non-DC)	90% March/25	Gordon Bell
Waste Management	Humberstone Drop Off Depot Improvements	Addition of by-pass lane with gate, additional lane traffic lane and drainage improvements	Complete	Warranty	Waste – Improvements	Warranty	Catherine Habermebl

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Waste Management	Humberstone - Paving Upgrades	Paving of entrance and roadway leading to the scales and new bypass road	Complete	Warranty	Waste - Road Rehabilitation	Warranty	<u>Catherine Habermebl</u>



West Lincoln

Division	Project Name	Project Description	Stage	Progress	Service & Program	Next Steps	Webpage Link / Contact
Transportation	Reconstruction of RR20 West St Phase 4 from South Grimsby Rd 5 to Wade Rd	Road reconstruction project including urbanization and active transportation	Design	Tender	Road Rehabilitation	Construction	Reconstruction of West St
Transportation	Reconstruction of RR69 Twenty Mile Rd from RR24 Victoria Ave to Rosedene Rd	Road reconstruction project including active transportation	Design	Detailed Design 100%	Road Rehabilitation	Tender	Reconstruction of Twenty Mile Rd
Waste Management	Niagara Road 12 Drop Off Depot Improvements	Construction of new dump pad and road improvements.	Completed	Warranty	Waste - Improvements	Warranty	Catherine Habermebl

Glossary

Division	Term	Acronym	Definition
WWW	Water Treatment Plant	WTP	Water Treatment Plant
WWW	High-Lift	HL	Large pumps that operate under high pressure
WWW	Trunk Main	TM	Potable water distribution pipes carrying a significant amount of water at high pressure. (Linear works)
WWW	Watermain	WM	Potable water distribution pipes carrying less water than a Trunk Main
WWW	Elevated Tank	ET	Used to store potable drinking water within a designated area or community. Elevated tanks allow the natural force of gravity to produce consistent water pressure throughout the system
WWW	Wastewater Treatment Plant	WWTP	Wastewater Treatment Plant
WWW	Biosolids	BS	Organic matter recycled from sewage.
WWW	Sewage Pump Station	SPS	Local infrastructure to convey effluent to central collection points.
WWW	Forcemain	FM	Wastewater distribution pipes carrying waste under pressure to central locations. (Linear works)

Division	Term	Acronym	Definition
WWW	Lagoon	L	A large pond-like basin, into which wastewater flows for storage and treatment.
WWW	Capacity Upgrade	-	Design of new or upgrade of existing facilities to accommodate growth
WWW	Sustainability Upgrade	-	Design of new or upgrade of existing facilities to continue operations.
Transportation	Regional Road	RR	Regional Road
All Divisions	Environmental Assessment	EA	An environmental assessment is a process to identify, predict and evaluate the potential environmental effects of a proposed project
All Divisions	Public Information Centre	PIC	Public Information Centre means an open meeting to which all members of the public are invited
All Divisions	Request for Proposal	RFP	A request for proposal is a procurement document that announces and describes a project or purchase request