



Bridges and Major Culverts 10-Year Plan

Change From Prior Year Budget	Project	Project #	Project Type	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total
	Repayment of Loan from Reserve Funds			-	1,050,625					-	-	-		1,050,625
	Bridge Repairs and Remediation	2023-001, 2019-006		170,000	120,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,090,000
	Pre-Engineering	2023-002, 2019-087		75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	975,000
-1	Structure 24-WG (First Line Bridge over Irvine Creek)	301-0830	Bridge Replacement	100,000										100,000
No Change	Structure 16-WG (Fifth Line Bridge over Irvine Creek)	301-0898	Bridge Replacement	2,910,000										2,910,000
No Change	Structure 18-WG (Fifth Line)	2022-096	Bridge Deck Replacement	480,000										480,000
3	Structure 3-N (Beatty Line Bridge)	2015-056	Bridge Rehabilitation	400,000										400,000
New	Joint MCEA (1-P, 28-P, 30-P, 32-P, and 33-P)	2023-072	Bridge Assessment	200,000										200,000
No Change	Structure 14-P (Sideroad 4)	301-0885	Bridge Rehabilitation		120,000									120,000
No Change	Structure 4-E (Fifth Line)	301-0711	Bridge Rehabilitation		430,000									430,000
No Change	Structure 4-F (Pedestrian Bridge behind FGT)	2019-089	Bridge Rehabilitation		135,000									135,000
No Change	Structure 3-WG (Fourth Line)	2017-081	Bridge Rehabilitation		390,000									390,000
No Change	Structure 32-P & 33-P (Noah Road)	2016-049	Bridge Replacement		150,000	2,750,000								2,900,000
2	Structure 11-WG (Sideroad 25)	2017-084	Bridge Rehabilitation		135,000									135,000
5	Structure 3-E (Sixth Line)	2016-063	Bridge Replacement		100,000	150,000	1,900,000							2,150,000
-1	East West Garafraxa Townline Culvert - 0016	2020-058	Culvert Replacement				300,000							300,000
No Change	Structure 5-P (Weisenberg Road Bridge)	F0116	Bridge Replacement					900,000						900,000
No Change	Structure 30-WG (Sideroad 15 - Queen Mary)	2010-076	Bridge Replacement					2,005,000						2,005,000
New	Structure 18-P (Middlebrook Road)	2023-073	Rehab extensions					150,000						150,000
No Change	Structure 1-E (Seventh Line)	2017-082	Bridge Rehabilitation						100,000					100,000
No Change	Middlebrook Place Boundary Road Culvert - 170160	2017-080	Culvert Replacement						300,000					300,000
No Change	Middlebrook Place Boundary Bridge Removal - 180160	2021-070	Bridge Removal						360,000					360,000
No Change	Structure 31-WG (Second Line Bridge over Grand River)	2012-096	Bridge Deck Replacement						2,000,000					2,000,000
No Change	Structure 30-P (Sideroad 5)	2016-060	Bridge Replacement							1,200,000				1,200,000
No Change	Structure 5-E (Fourth Line)	2014-073	Bridge Replacement							1,700,000				1,700,000
No Change	Structure 21-WG (First Line)	2016-064	Bridge Replacement								2,400,000			2,400,000
No Change	Structure 23-P (Eighth Line W)	2018-049	Culvert Replacements								500,000			500,000
No Change	Structure 29-WG (Sideroad 15)	2017-089	Bridge Replacement									1,600,000		1,600,000
New	Structure 7-E (Third Line)	2023-074	Bridge Replacement									1,300,000		1,300,000
New	Structure 28-P (Sideroad 11)	2011-043	Bridge Replacement										1,500,000	1,500,000
-6	Structure 8-E (Third Line)	2017-085	Bridge Rehabilitation										150,000	150,000
New	Structure 12-N (Washington St)	2014-043	Bridge Replacement										700,000	700,000
	Total			4,335,000	2,730,625	3,100,000	2,400,000	3,255,000	2,960,000	3,100,000	3,100,000	3,100,000	2,550,000	30,630,625
	Opening Balance			630,000	187,571	371,737	219,393	800,571	761,441	851,687	837,507	859,612	918,728	
	Add: Dedicated Capital Levy Allocation			1,577,580	1,611,012	1,643,232	1,676,097	1,709,619	1,743,811	1,778,687	1,814,261	1,850,546	1,887,557	
	Add: Estimated Assessment Growth			33,432	32,220	32,865	33,522	34,192	34,876	35,574	36,285	37,011	37,751	
	Add: OCIF Funding Allocation			1,271,559	1,271,559	1,271,559	1,271,559	1,271,559	1,271,559	1,271,559	1,271,559	1,271,559	1,271,559	
	Add: Development Charges Allocation (10% Growth)			10,000	-	-	-	200,500	-	-	-	-	-	
	Add: Loan from Reserve Funds			1,000,000	-	-	-	-	-	-	-	-	-	
	Less: Transfer to Capital			(4,335,000)	(2,730,625)	(3,100,000)	(2,400,000)	(3,255,000)	(2,960,000)	(3,100,000)	(3,100,000)	(3,100,000)	(2,550,000)	
	Ending Balance			187,571	371,737	219,393	800,571	761,441	851,687	837,507	859,612	918,728	1,565,595	

Factors on the Bridge Rehabilitation and Replacement Program
 Annual financial constraints
 Construction scheduling efficiencies (e.g.: rehab while road is closed)
 Review of structure condition and monitoring previous repairs

Notes
 Major rehabilitation can extend service life of a structure 20 to 30 years

Legend
 Bridge has been closed
 Bridge has been load and/or height restricted