



**PEARSON  
ENGINEERING**

THE CORPORATION OF THE TOWNSHIP OF GEORGIAN BLUFFS

BRIDGES AND CULVERTS - 10-YEAR CAPITAL WORKS PLAN

Project No. 24017

October 9, 2024

Construction Year	Structure ID No.	Structure Name	Structure Type	BCI	Construction Type	Repair Costs			Associated Work	Contingency and Engineering	Total Cost (2024\$)	3% Inflation Adjustment
						6-10 Years	1-5 Years	Urgent within 1 Year				
2025	S-0003	Emery Bridge	Bridge	N/A	Replacement			\$1,800,000			\$1,800,000	\$1,800,000
	<b>TOTAL COST 2025</b>										<b>\$1,800,000</b>	<b>\$1,800,000</b>
2026	K-0009	Big Bay Sideroad Culvert	Culvert	20	Replacement			\$205,000	\$195,000	\$110,000	\$510,000	\$525,300
	K-0021	Kemble Culvert	Culvert	21	Replacement			\$195,000	\$120,000	\$90,000	\$405,000	\$417,200
	S-0005	Townline Trail Bridge	Bridge	36	Rehabilitation			\$60,000	\$15,000	\$25,000	\$100,000	\$106,100
<b>TOTAL COST 2026</b>										<b>\$1,015,000</b>	<b>\$1,048,600</b>	
2027	K-0003	Hepworth Creek Culvert	Bridge	41	Rehabilitation			\$40,000	\$20,000	\$18,000	\$78,000	\$82,800
	K-0017	Ledgerock Road Culvert	Culvert	48	Rehabilitation			\$160,000	\$80,000	\$60,000	\$300,000	\$318,300
	K-0025	Shallow Lake Rail Trail Bridge	Bridge	56	Rehabilitation		\$30,000	\$10,000	\$12,500	\$15,000	\$67,500	\$71,700
	K-0001	Main Street Bridge, Shallow Lake	Bridge	74	Replacement		\$800,000		\$520,000	\$250,000	\$1,570,000	\$2,048,500
<b>TOTAL COST 2027</b>										<b>\$2,015,500</b>	<b>\$2,521,300</b>	
2028	K-0022	Concession 20 Culvert	Culvert	37	Rehabilitation		\$165,000		\$90,000	\$80,000	\$335,000	\$366,100
	K-0019	A-Line Culvert	Culvert	46	Replacement		\$230,000		\$120,000	\$75,000	\$425,000	\$464,500
	K-0020	Sideroad 15 Culvert	Culvert	43	Replacement		\$200,000		\$180,000	\$85,000	\$465,000	\$508,200
	D-0005	Lincoln Park Road Culvert	Culvert	55	Rehabilitation		\$175,000		\$75,000	\$75,000	\$325,000	\$355,200
<b>TOTAL COST 2028</b>										<b>\$1,550,000</b>	<b>\$1,694,000</b>	
2029	K-0011	Gleason Culvert - Concession 24	Culvert	33	Rehabilitation		\$160,000		\$65,000	\$70,000	\$295,000	\$332,100
	D-0007	Sideroad 3 Bridge	Bridge	34	Replacement		\$700,000		\$540,000	\$230,000	\$1,470,000	\$1,559,600
	K-0017	Ledgerock Road Culvert	Culvert	48	Rehabilitation		\$140,000		\$55,000	\$45,000	\$240,000	\$270,200
	K-0002	Concession 14 Bridge	Bridge	57	Rehabilitation		\$72,500		\$17,500	\$30,000	\$120,000	\$135,100
	D-0004	Sunny Valley Park Culvert	Culvert	70	Rehabilitation		\$60,000		\$15,000	\$15,000	\$90,000	\$101,300
	K-0004	Gleason Brook Bridge	Bridge	71	Rehabilitation		\$58,000		\$17,000	\$20,000	\$95,000	\$107,000
	D-0006	Keady Creek Culvert	Culvert	72	Rehabilitation		\$60,000		\$15,000	\$15,000	\$90,000	\$101,300
	D-0012	Inglis Falls Road Culvert #1	Culvert	73	Rehabilitation		\$60,000		\$15,000	\$15,000	\$90,000	\$101,300
	D-0002	Sideroad 3 Culvert	Culvert	79	Rehabilitation		\$60,000		\$15,000	\$15,000	\$90,000	\$101,300
	D-0001	Lincoln Park Road Bridge	Bridge	68	Rehabilitation		\$40,000		\$12,500	\$10,000	\$62,500	\$70,400
<b>TOTAL COST 2029</b>										<b>\$2,642,500</b>	<b>\$2,879,600</b>	



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**October 9, 2024**

Construction Year	Structure ID No.	Structure Name	Structure Type	BCI	Construction Type	Repair Costs			Associated Work	Contingency and Engineering	Total Cost (2024\$)	3% Inflation Adjustment
						6-10 Years	1-5 Years	Urgent within 1 Year				
2030	K-0024	Mountain Lake Road Culvert	Culvert	39	Replacement	\$200,000			\$190,000	\$85,000	\$475,000	\$550,700
	K-0003	Hepworth Creek Culvert	Bridge	41	Replacement	\$600,000			\$635,000	\$200,000	\$1,435,000	\$1,663,600
	<b>TOTAL COST 2030</b>											<b>\$1,910,000</b>
2031	K-0007	Shallow Lake Bridge - Portland St	Bridge	46	Replacement	\$800,000			\$570,000	\$260,000	\$1,630,000	\$1,946,400
	<b>TOTAL COST 2031</b>											<b>\$1,630,000</b>
2032	K-0012	Gleason Brook Culvert	Culvert	49	Replacement	\$250,000			\$265,000	\$100,000	\$615,000	\$756,400
	K-0014	Concession 17 Culvert	Culvert	53	Replacement	\$150,000			\$180,000	\$60,000	\$390,000	\$479,700
	D-0014	Concession 7 Culvert #2	Culvert	56	Replacement	\$250,000			\$150,000	\$90,000	\$490,000	\$602,700
	<b>TOTAL COST 2032</b>											<b>\$1,495,000</b>
2033	D-0016	Sideroad 12 Culvert	Culvert	58	Replacement	\$200,000			\$130,000	\$75,000	\$405,000	\$513,100
	D-0011	Concession 7 Culvert #1	Culvert	60	Rehabilitation	\$155,000			\$60,000	\$60,000	\$275,000	\$348,400
	D-0010	Kilsyth Culvert #2	Culvert	64	Rehabilitation	\$140,000			\$55,000	\$60,000	\$255,000	\$323,100
	D-0009	Kilsyth Culvert #1	Culvert	65	Rehabilitation	\$160,000			\$30,000	\$50,000	\$240,000	\$304,100
	D-0008	Sideroad 9 Culvert	Culvert	64	Rehabilitation	\$200,000			\$130,000	\$65,000	\$395,000	\$500,400
	<b>TOTAL COST 2033</b>											<b>\$1,570,000</b>
2034	D-0003	Maxwell Creek Bridge	Bridge	65	Rehabilitation	\$146,000			\$35,000	\$55,000	\$236,000	\$308,000
	D-0001	Lincon Park Road Bridge	Bridge	68	Rehabilitation	\$90,000			\$40,000	\$45,000	\$175,000	\$228,400
	<b>TOTAL COST 2034</b>											<b>\$411,000</b>
<b>TOTAL 10-YEAR CAPITAL WORKS COST</b>						<b>\$3,341,000</b>	<b>\$3,010,500</b>	<b>\$670,000</b>	<b>\$4,664,500</b>	<b>\$2,553,000</b>	<b>\$14,239,000</b>	<b>\$18,175,900</b>