



Table 2 - Summary of Future Bridge/Culvert Work (2020)
Township of Georgian Bluffs

February 2021

201-05626-00

Structure No.	Bridge / Culvert	Proposed Work					
		Maintenance Work		Urgent to 1 Year		Future Work (1 to 10 Years)	
		Description	Value	Description	Value	Description	Value
D-0001	Bridge					Clean and paint beams, replace damaged barrier	\$ 17,500.00
D-0002	Culvert	Install hazard signs	\$ 2,000.00			Remove debris in watercourse, install barrier protection	\$ 26,500.00
D-0003	Culvert	Install hazard signs	\$ 1,000.00			Soffit, curb, and wingwall concrete repairs, asphalt wearing surface and approach repairs, install barrier protection to code, install drip edge, remove sediment in watercourse	\$ 80,500.00
D-0004	Culvert	Install hazard signs and remove trees/debris	\$ 3,500.00			Regrade approaches at the time of resurfacing, install barrier protection	\$ 30,000.00
D-0005	Culvert					Regrade approaches at the time of resurfacing, repair concrete abutments and deck, install barrier protection, repair embankment scour	\$ 45,000.00
D-0006	Culvert	Install hazard signs, remove debris from inlet	\$ 3,000.00			Install barrier protection to meet current code	\$ 25,000.00
D-0007	Bridge			Replace the structure	\$ 600,000.00		
D-0008	Culvert	Install hazard signs	\$ 2,000.00			Resurface structure wearing surface, install barrier protection to code, complete abutment and soffit concrete repairs	\$ 46,000.00
D-0009	Culvert	Install hazard signs	\$ 2,000.00			Replace surface treatment (wearing surface and approaches), install barrier protection to code, and repair scour and place protection	\$ 48,000.00
D-0010	Culvert					Rehabilitation of concrete deck and wearing surfaces, install barrier protection to code	\$ 45,500.00
D-0011	Culvert					Concrete deck repairs, install barrier protection to code	\$ 37,000.00
D-0012	Culvert	Install hazard signs	\$ 2,000.00			Regrade the granular base at the time of resurfacing, install barrier protection, repair embankment scour and place protection	\$ 42,000.00
D-0013	Culvert	Install hazard signs	\$ 2,000.00			Regrade base and resurface approaches, install barrier protection	\$ 31,000.00
D-0014	Culvert	Patch wearing surface crack	\$ 1,000.00			Install barrier protection to meet current code, regrade the wearing surface base and resurface	\$ 34,000.00
K-0001	Bridge			Replace the structure barrier protection and install approach barrier	\$ 41,000.00	Repair concrete deck, pier, wingwalls, and abutment walls, resurface the approaches, clean and paint the steel beams, replace the joint sealant,	\$ 145,500.00
K-0002	Bridge	Patch asphalt, clean deck (remove granulars)	\$ 1,500.00			Concrete repairs to soffit	\$ 7,500.00
K-0003	Bridge					Concrete repairs to soffit, repair eroded embankment, install barrier protection to code OR replacement of structure (recommended)	\$ 750,000.00
K-0004	Culvert	Clear debris from deck	\$ 500.00			Waterproof and pave deck, repair barrier posts, install approach barrier protection to code, resurface approaches	\$ 65,000.00
K-0005	Bridge					Replace bearing pads	\$ 30,000.00
K-0007	Bridge	Clear debris from shoulders and patch wearing surface	\$ 1,000.00			Repair concrete curb, sidewalk, soffit, and barrier, replace joint seals and resurface the deck	\$ 78,500.00
K-0008	Culvert	Install hazard signs	\$ 2,000.00	Replace damaged section of barrier	\$ 5,000.00		
K-0009	Culvert			Replace barrier protection (cable guiderail) posts and tighten cable	\$ 9,000.00	Replace Structure	\$ 250,000.00
K-0010	Culvert	Install hazard signs	\$ 2,000.00				
K-0011	Culvert					Repair concrete abutments, install barrier protection to code, repair asphalt at approaches OR replace structure (\$500,000)	\$ 215,000.00
K-0012	Culvert			Install barrier protection to code, remove debris in waterway	\$ 25,500.00		
K-0013	Culvert	Install hazard signs	\$ 2,000.00			Install drip edge	\$ 5,000.00
K-0014	Culvert			Install barrier protection to code	\$ 25,000.00		
K-0015	Culvert	Patch Asphalt Shoulder	\$ 500.00				
K-0016	Culvert	Install hazard signs	\$ 2,000.00				
K-0017	Culvert					Replace wingwall, resurface approaches, place approach barrier protection, repair soffit and abutment wall concrete, replace damaged barrier sections	\$ 95,000.00
S-0003						Replace the structure	\$ 750,000.00
S-0004	Culvert					Install barrier protection to code	\$ 25,000.00
Total		\$ 30,000.00	Total		\$ 705,500.00	Total	\$2,924,500.00