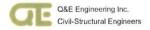
Table 2 – Overall Priority Ranking for Works on Structure Inventory

Overall Priority Ranking	Structure No	Structure Name	Major Action Required	
1	1	Waterhouse Culvert	Install barrier over the structure and the approaches	
2	37	Forbes Culvert	Install barrier over the structure and the approaches	
3	51	Dowling Bridge	Install barrier along the structure	
4	33	Storring Bridge	Remove and replace barrier over the deck and install approach guiderail	
5	13	Clements Bridge	Remove and replace barrier along the deck	
6	49	Joe Trudeau Bridge	Complete localized deck repair. Replace after Kinlin Bridge and provide continuous monitoring	
7	45	Horrigan Bridge	Correct connection between barrier posts and deck	
8	47	Otter Creek Bridge	Reinstate blockade barrier on approaches	
9	52	Rapids Bridge	Tighten cable barrier over the structure	
10	38	Reynolds Culvert	Tighten cable barrier over the structure	
11	50	Kinlin Bridge	Replace the structure and provide continuous monitoring	
12	12	Rocky Alter Bridge	Replace the structure and provide continuous monitoring	
13	40	Ross Bridge	Replace the structure and provide continuous monitoring. Install missing maximum tonnes sign	
14	43	Lingham Lake Bridge	Replace corroding floor beam and provide joints at deck ends	
15	42	Queensborough Bridge	Complete major rehabilitation and repair barrier system	
16	6	Lost Channel Bridge	Remove and replace superstructure and patch and reface substructure	
17	30	East Red Bridge	Complete major rehabilitation, reconstruct retaining walls, and remove and install new deck barrier and approach barrier	
18	31	West Red Bridge	Complete major rehabilitation, reconstruct retaining walls, and remove and install new deck barrier and approach barrier	
19	7	Catons Bridge South Structure	Complete major rehabilitation, reconstruct retaining walls, and provide approach barrier	
20	8	Catons Bridge North Structure	Complete major rehabilitation, reconstruct retaining walls, and provide approach barrier	
21	27	Downey Rapids North Structure	Complete major rehabilitation to structure and provide approach guiderail	
22	15	Maurice Rivers Bridge	Raise deck barrier, replace damaged barrier sections, monitor movement of abutment extensions, rehabilitate moving abutments, and provide approach barrier	
23	10	West Branch Bridge	Complete semi-integral conversion, replace strip seals, and patch, waterproof, and pave deck	
24	22	Hawkins Bridge	Complete patch repairs, blast clean and paint girders, replace deck barrier, and provide approach barrier	
25	23	Sulphide Creek Bridge	Complete patch repairs, blast clean and paint girders, replace deck barrier, and provide approach barrier	
26	36	Bradshaw Bridge	Complete major rehabilitation and install approach barrier	
27	34	Marrison Bridge	Complete patch repairs to deck, curbs, barrier wall and abutments, and install approach barrier	
28	39	Scotchwoman Bridge	Complete major rehabilitation and install approach barrier	
29	28	Downey Rapids South Structure	Provide approach barrier and reconstruct retaining walls	
30	25	Graham's Bridge	Patch and seal cracks on wearing surface, install approach barrier, replace deck barrier, reinstate embankments, and provide slope protection	
31	19	Morton Memorial Bridge	Repoint Mortar in Abutments and Piers and replace perforated truss members	



Overall Priority Ranking	Structure No	Structure Name	Major Action Required	
32	3	Kerr's Bridge	Seal cracks and parch potholes on deck, clean joints, replace damaged handrail and joint armouring, and reinstate slope protection	
33	21	Black Creek Bridge	Provide hazard signs, remove beaver dam, patch potholes and seal asphalt cracks, complete patch repairs, blast clean and pain reinstate embankments, and provide slope protection	
34	20	Tweed Bridge	Complete patch repairs to abutment walls, sidewalks, and piers	
35	44	Marlbank Bridge	Reinstate embankments, provide slope protection, rehabilitate retaining walls, and provide guiderail end treatment	
36	18	Sagonaska Bridge	Reinstate slope protection on embankments and install end treatments	
37	2	Marlbank Bridge	Install hazard signs, install barrier over the structure, and complete patch repairs to deck and curbs	
38	4	Kennedy's Bridge	Install hazard sign, Reinstate slope protection on embankments, and seal cracks on concrete deck	
39	32	Robinson Bridge	Clean deck and joints and seal cracks on concrete deck	
40	46	Marlbank Culvert	Reinstate slope protection on embankments	
41	9	Maines Bridge	Clean deck, bury end treatment, and replace deteriorated guiderail posts	
42	26	Marshe Bridge	Reinstate slope protection on embankments	
43	11	Stoco Bridge	Clean deck and replace deteriorated guiderail posts	
44	24	Crookston Culvert	Replace damaged hazard signs	
45	29	Boundary Bridge	Replace damaged hazard signs, clean bridge deck, and clean abutments at bearing seats	
46	41	Gordon Bridge	Correct erosion at approach ends	
47	5	Sherry's Bridge	Clean deck as part of regular maintenance	
48	17	Bogart Road Bridge	Clean deck as part of regular maintenance	
49	14	Doran's Bridge	Clean deck as part of regular maintenance	
50	. 16	Paul Clement Bridge	No actions	
51	48	Joe Allore Bridge	Provide continuous monitoring until structure is replaced	
52	35	Greatrix Bridge	Provide continuous monitoring until structure is replaced	

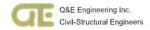


Table 3 - Structure Rehabilitation Capital Plan

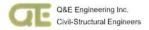
tructure No.	Name	Rehabilitation Item	Rehab. Timeline (Years) and Cost (\$1000)		
tructure No.	Name		NOW	1 to 5	6 to 10
	Waterhouse Culvert	Install barrier over the structure	15.00		
1		Install structure over the approaches	36.00		
	Waternouse Outvert	Install rip-rap on embankments		9.60	
		Install approach rail end treatments	20.00		
2	Marlbank Bridge	Patch repairs to curbs, soffit, and deck top			99.63
2	Maribank Bridge	Install barrier over the structure	5.00		
		Repair damaged sections of handrail		4.13	
3	Kerr's Bridge	Joint armoring replacement		5.00	
		Install rip-rap on embankments		14.40	1 V
4	Kennedy's Bridge	Install rip-rap on embankments	9.60		
5	Sherry's Bridge	Install missing end treatment	5.00		
		Install barrier along the approaches	24.00		
		Install approach rail end treatments	20.00		A CONTRACTOR OF THE PARTY OF TH
6	Lost Channel Bridge	Remove and replace deck and beams and Patch/Reface substructure			
				3311.93	
		Install barrier along the deck		147.95	
		Patch Repairs to abutments, piers, deck top, t-beams, and footings and retaining wall			1
7	Catons Bridge South Structure	reconstruction			
				1591.92	
		Install barrier along the approaches	24.00		
		Replace deck barrier		88.44	
		Install approach rail end treatments	20.00		
		Install barrier along the approaches	24.00		
		Patch repairs to abutments, piers, deck top, t-beams and footings, and retaining wall			
8	Catons Bridge North Structure	reconstruction		1326.60	
		Replace deck barrier		88.00	
		Install approach rail end treatments	20.00		
		Replace leaking strip seals and armouring	60.00		12.0
		Complete patch repairs to barrier walls			35.00
		Semi-Integral Conversion and associated patch repairs			1026.3
10	West Branch Bridge	Patch, waterproof, and pave deck			205.26
		Complete patch repairs to deck soffit			307.89
		Reinstate eroded embankments		2.00	A STREET
		Install rip-rap on embankments		9.60	
13		Reconstruct wood curbs	0.86		
		Install barrier along the deck	66.00		
	Clements Bridge	Install barrier along the approaches	24.00		
		Install approach rail end treatments	20.00		
CASTRON IN THE	The second secon	Complete rehabilitation to address movement in abutment extensions		392.00	
		Install rip-rap on embankments	2.40		
15	Maurice Rivers Bridge	Install barrier along the approaches	24.00		
		Install approach rail end treatments	20,00		



Structure No.	Name	Rehabilitation Item		Rehab. Timeline (Years) and Cost (\$1000)		
Structure No.	Name			1 to 5	6 to 10	
		Replace Damaged barrier along the deck	1.50			
18	Sagonaska Bridge	Install rip-rap on embankments				
16 Sagonaska Bridge		Install approach rail end treatments	15.00			
19	Morton Memorial Bridge	Repoint Mortar in Substructure			399	
19	Morton Memorial Bridge	Replace perforated truss elements		499.50		
00	Torond Dridge	Patch repairs to sidewalk, piers, and abutment walls			779.	
20	Tweed Bridge	Install rip-rap on embankments			14	
		Replace damaged guiderail posts	1.50			
Ministration of the last	Later Cales in the later of the later	Patch repairs to abutment walls, wingwalls, soffit, deck top, and footings	William St.		623	
		Install barrier along the approaches	30.00			
	51.10.1511	Install approach rail end treatments	20.00			
21	Black Creek Bridge	Blast Clean and Paint Girders			23	
		Reinstate Eroded Embankments			2	
		Install rip-rap on embankments			9.	
	Hawkins Bridge	Patch repairs to abutment walls, soffit, t-beams, and deck top		646.85		
		Blast Clean and Paint Girders		17.85		
		Replace barrier along the deck		51.48		
22		Install barrier along the approaches	36.00			
		Install approach rail end treatments	2.00			
		Reinstate Eroded Embankments		2.00		
		Install rip-rap on embankments		9.60		
		Patch repairs to abutment walls, soffit, curbs, t-beams, and deck top		595.80		
		Blast Clean and Paint Girders		27.13		
		Replace Install barrier along the deck		33,44		
23	Sulphide Creek Bridge	Install barrier along the approaches	36.00			
		Install approach rail end treatments	20.00			
		Reinstate Eroded Embankments		2.00		
		Install rip-rap on embankments		9.60		
		Replace Deck Drains		3.00		
24	Crookston Culvert	Replace End Treatment	5.00			
		Install barrier along the approaches	42.00			
		Replace deck barrier due to low height	50.00			
25	Graham's Bridge	Install approach rail end treatments	20.00			
		Reinstate Eroded Embankments		1.00		
		Install rip-rap on embankments		9.60		
26	Marshe Bridge	Install rip-rap on embankments		9.60		
		Rehabilitate Retaining Walls	30.00	3,00	1000	
		Install rip-rap on embankments		9.60		
27	Downey Rapids North Structure	Reinstate Eroded Embankments		2.00		
		Patch repairs to abutment walls, deck soffit, piers, barrier walls, t-beams, and wingwall reconstruction		921.25	147	



Structure No.	Name	Rehabilitation Item		Rehab. Timeline (Years) and Cost (\$1000)		
Structure No.	Name			1 to 5	6 to 10	
		Install barrier along the approaches	24.00			
		Install approach rail end treatments	20.00			
		Reconstruct retaining walls	25.00			
28	Downey Rapids South Structure	Install barrier along the approaches	24.00			
		Install approach rail end treatments	20.00			
		Patch repairs to deck top, soffit, t-beams, abutment walls, and retaining wall reconstruction		385.56		
00	5 18 18:1	Install barrier along the approaches	12.00			
30	East Red Bridge	Install approach rail end treatments	10.00			
		Replace deck barrier		37.40		
		Patch repairs to abutments, deck top, soffit, t-beams, and retaining wall reconstruction		638.64		
0.4	W 15 1511	Install barrier along the approaches	12.00			
31	West Red Bridge	Install approach rail end treatments	10.00			
		Replace deck barrier		64.24		
	S. R. Velika a Year	Replace deck barrier	50.60			
		Rehabilitate Retaining Walls		25.00		
33	Storring Bridge	Install barrier along the approaches	24.00		77.77	
		Install approach rail end treatments	20.00			
		Patch repairs to abutments, t-beams, deck, and wingwalls		514.65		
	Marrison Bridge	Install barrier along the approaches	24.00			
		Install approach rail end treatments	20.00			
34		Reinstate Eroded Embankments	1.50			
		Patch Repairs to deck top, curbs, barrier walls, and abutments		263.42		
		Install barrier along the approaches	30.00			
		Install approach rail end treatments	20.00		THE RESERVE	
36	Bradshaw Bridge	Replace barrier along the deck		88.44		
		Patch repairs to piers, soffit, deck top, abutments, and footings		429.64	1 1	
		Install barrier along the approaches	30.00			
		Install approach rail end treatments	20.00			
37	Forbes Culvert	Install barrier over culverts	33.00			
		Install rip-rap on embankments		14.40		
		Resurface deck		11.41	1	
38	Reynolds Culvert	Install rip-rap on embankments	11	14.40		
		Replace Install barrier along the deck		22,11		
		Install barrier along the approaches		30.00		
39	Scotchwoman Bridge	Install approach rail end treatments		20.00		
		Patch repairs to footings, abutment walls, piers, soffit, curbs, t-beams, and deck top		644.45		
		New Deck, Bearings, repoint & rehab abutments, repoint and reface footings, blast clean and paint		3140		
		beams, and retaining wall reconstruction		894.24		
		Reinstate Eroded Embankments		2.00		
42	Queensborough Bridge	Install rip-rap on embankments		9.60		
		Repair barrier along the approaches		7.20		
		Repair deck barrier		15,40		



			Rehab. Tim	eline (Years) and Cos	st (\$1000)
Structure No.	Name	Rehabilitation Item	NOW	1 to 5	6 to 10
		Install barrier along the approaches	24.00		
40		Install approach rail end treatments	20.00		
43	Lingham Lake Bridge	Deck Joint Assembly	12.00		
		Replace Floor Beam	25.00		
HIR IN THE STATE OF THE STATE O		Reinstate Eroded Embankments		2.00	ALE TON
	Marthaut Bridge	Install rip-rap on embankments		9.60	
44	Marlbank Bridge	Rehabilitate Retaining Walls		30.00	
		Install approach rail end treatment		5.00	
	Horrigan Bridge	Reinstate Eroded Embankments		1.00	
45		Install rip-rap on embankments		7.20	
		Blast Clean and Paint Girders			30
46	Marlbank Culvert	Install rip-rap on embankments		9.60	
		Approach Blockade Barrier	4.00		
	Otter Creek Bridge	Remove and replace deck		100.00	
47		Replace damaged sections of approach barrier		8.00	
		Install approach rail end treatments		20.00	
		Reface and patch abutments		295.31	
49	Joe Trudeau Bridge	Localized Deck Replacement	3.83		
		Remove underlying structure		191.36	
		Install barrier along the deck	9.20		
51	Dowling Bridge	Reinstate Eroded Embankments		2.00	
	7 27	Install rip-rap on embankments		6.00	
		Patch repairs to abutment walls		70.00	



Table 4 – Structure Replacement Capital Plan

Structure No.	Structure Name	Replacement Timeline (Years) and Cost (\$)				
Structure No.		NOW	1 to 5	6 to 10		
12	Rocky Alter Bridge		1,370,375.00			
13	Clements Bridge			1,013,400.00		
38	Reynolds Culvert			921,365.00		
40	Ross Bridge		1,098,630.00			
49	Joe Trudeau Bridge		1,562,700.00			
50	Kinlin Bridge	1,448,200.00				

Structure No.	Name	Maintenance Need	Cost (\$)
2	Marlbank Bridge	Deck Cleaning	500.00
		Install Hazard Signs	800.00
2	Karda Daidan	Crack Sealing	1,200.00
3	Kerr's Bridge	Asphalt Patching	150.00
		Joint Cleaning  Deck Cleaning	250.00 500.00
4	Kennedy's Bridge	Crack Sealing (Concrete)	6,000.0
-76	Normbay o Bridge	Install Hazard Signs	200.00
5	Sherry's Bridge	Deck Cleaning	500.00
	Chorry's Bridge	Unclog deck drains	200.00
6	Lost Channel Bridge	Deck Cleaning	500.0
		Install correct load posting signs	600.0
of Vision Process		Deck Cleaning	500.0
9	Maines Bridge	Bury End Treatment	150.0
		Replace Barrier Posts	4,500.0
10	West Branch Bridge	Deck Cleaning	500.0
11	Stoco Bridge	Deck Cleaning	500.0
11	Stoco Bridge	Post Replacement	1,000.0
12	Rocky Alter Bridge	Continuous Monitoring	
13	Clements Bridge	Hazard Signs	400.0
14	Doran's Bridge	Deck Cleaning	500.0
		Continuous Monitoring	
15	Maurice Rivers Bridge	Deck Cleaning	500.0
		Raise Deck Barrier	2,500.0
17	Bogart Road Bridge	Deck Cleaning	500.0
18	Sagonaska Bridge	Deck Cleaning	500.0
		Graffiti Cleaning	1,000.0
20	Tweed Bridge	Crack Sealing (Asphalt)	750.0
		Pothole Patching	300.0
		Clean deck Drains	200.0
		Hazard Signs	400.0
	Black Creek Bridge	Hazard Sign	200.0
21		Beaver Dam Removal	3,000.0
		Crack Sealing (Asphalt)	750.0
00	Culphide Capeli Bridge	Pothole Patching	300.0
23	Sulphide Creek Bridge Crookston Culvert	Tighten Loose Hazard signs	400.0
24	Clookston Culvert	Hazard Signs Beaver Dam Removal	3,000.0
25	Graham's Bridge	Pothole Patching (Asphalt)	750.0
25	Granam's Bridge	Crack Sealing (Asphalt)	300.0
27	Downey Rapids North Structure	Pothole Patching (Gravel)	100.0
21	Downey Rapids North Chactare	Deck Cleaning	500.0
28	Downey Rapids South Structure	Pothole Patching	100.0
20	Downey (rapide Court en deter	Hazard Signs	400.0
		Clean abutments at bearing seats	500.0
29	Boundary Bridge	Deck Cleaning	250.0
		Hazard signs	400.0
		Deck Cleaning	500.0
32	Robinson Bridge	Joint Cleaning	250.0
		Crack Sealing (Concrete)	8,500.0
00	01 1 011	Hazard Signs	600.0
33	Storring Bridge	Pothole Patching	150.0
34	Marrison Bridge	Deck Cleaning	500.0
35	Greatrix Bridge	Continuous Monitoring	
20	Deedek av. Beiden	Load Posting Signs	600.0
36	Bradshaw Bridge	Remove tree	400.0
		Raise Hazard Signs	
37	Forbes Culvert	Remove Beaver Dam	3,000.0
	, sieds daiven	Patch Approach Depressions	300.0
		Tighten Cable Guiderail	2,000.0
38	Reynolds Culvert	Hazard Signs	800.0
		Beaver Dam Removal	3000.0
		Clean deck drains	200.0
39	Scotchwoman Bridge	Tree Removal	400.0
		Resurface Approaches	5,400.0
40	Ross Bridge	Install hazard sign and Load posting sign	500.0
	80	Continuous Monitoring	1000000
41	Gordon Bridge	Erosion Control (Approaches)	100.0
		Resurface Approaches	6,900.0
42	Queensborough Bridge	Bridge Deck Cleaning	350.0



Structure No.	Name	Maintenance Need	Cost (\$)
		Hazard Signs	800.00
		Deck Cleaning	500.00
		Deck Cleaning	500.00
45	Horrigan Bridge	Connect Deck Barrier to Fascia	3,500.00
		Hazard Signs	600.00
48	Joe Allore Bridge	Continuous Monitoring	
49	Joe Trudeau Bridge	Remove shrubbery	500.00
50	Kinlin Bridge	Continuous Monitoring	
		Deck Cleaning	500.00
51	Dowling Bridge	Remove Beaver Dams	6,000.00
51		Hazard Signs	400.00
		Correct Guiderail tilt and Height	5,200.00
52	Rapids Bridge	Tighten Cable Guiderail	1,600.00

Table 6 – Structure Investigation Needs

Structure	Name	Investigation	Timeline (Years) and Cost (\$)		
no.			NOW	1 to 5	6 to 10
1	Waterhouse Culvert	Underwater Investigation		6,000.00	
13	Clements Bridge	Underwater Investigation		6,000.00	
37	Forbes Culvert	Underwater Investigation		6,000.00	
47	Otter Creek Bridge	Structural Evaluation		15,000.0 0	
6	Lost Channel Bridge	Structural Evaluation		8,000	
7	Catons Bridge South Structure	Structural Evaluation		5,000	-
8	Catons Bridge North Structure	Structural Evaluation		5,000	
12	Rocky Alter Bridge	Structural Evaluation		5,000	
27	Downey Rapids Bridge South Structure	Structural Evaluation		5,000	
28	Downey Rapids Bridge North Structure	Structural Evaluation		5,000	
30	East Red Bridge	Structural Evaluation		5,000	
31	West Red Bridge	Structural Evaluation		5,000	
33	Storring Bridge	Structural Evaluation		5,000	
35	Greatrix Bridge	Structural Evaluation		5,000	
36	Bradshaw Bridge	Structural Evaluation		5,000	THE POST
39	Scotchwoman Bridge	Structural Evaluation		5,000	
40	Ross Bridge	Structural Evaluation		5,000	
42	Queensborough Bridge	Structural Evaluation		5,000	
48	Joe Allore Bridge	Structural Evaluation		5,000	
49	Joe Trudeau bridge	Structural Evaluation		5,000	
50	Kinlin Bridge	Structural Evaluation		5,000	
51	Dowling Bridge	Structural Evaluation		5,000	