

## Annexe 2 – Works beyond 2017

### SCC 2017-20 projects programmed or (part) committed

Project	Project ID	Status	Priority	Estimated total for completing project	Outstanding not funded
Works following PI of Horsell sluice	C114	Expected delivery 2018	1	£ 10,000	-
Works following PI of Hermitge sluice	C115	Expected delivery 2018	1	£ 5,000	£ -
Works following PI of Lower Wilderness weir	C116	Expected delivery 2018	1	£ 10,000	£ -
Works following PI of Upper Wilderness weir	C117	Expected delivery 2018	1	£ 10,000	£ -
Works following PI of Ash Vale weir	C118	Expected delivery 2018	1	£ 10,000	£ -
Works following PI of Ash Embankment weir	C119	Expected delivery 2018	1	£ 10,000	£ -
Invest in Telemetry	C15	Contractor appointed - about 24 months behind schedule due to staffing / technology issues. Part billed in 2016.	2	£ 34,000	£ -
Bank protection / Towpath reinstatement - repairing erosion	C23	BCA have identified priority target sites	2	£ 360,000	£ 289,000
Culvert - Cowshott Stream (Brookwood) - PI and repairs	C95	Previous PI unable to be completed. High risk culvert taking large capacity of water under Canal.	2	£ 15,000	£ 10,000
Repairs to Ash Wharf t/s embankment	C120	2017 programme	2	£ 25,000	
Lock 1 lower o/s quadrant	C121	2017 programme	2	£ 5,000	£ -
Lock 25 Access ramp	C122	2018 programme	2	£ 30,000	£ -
Heath Vale Road Bridge	C123	2017 programme	2	£ 50,000	£ -
Dredging £50k/km -£70K/km	C26	Delivery not until 2018 at earliest	3	£ 800,000	£ 750,000
Building repairs and security improvements at Deepcut Depot	C40	Awaiting SCC Estates to negotiate new lease	3	£ 60,000	£ -
Scotland Bridge Road car park improvement	C41	2017-18 programme	3	£ 60,000	£ -
Reinstate stop gates at Frimley Aqueduct	C42	2019-20 programme	3	£ 30,000	£ -

Amend existing ladders in chambers 1,3-9,11-15, 17,18, 20-26 (22 locks / £7k)	C94	No budget - experimental installation at Lock 17 only	3	£ 154,000	£ 147,100
Lock 1 - structural repairs following PI	C96	Unlikely before second PI - 2018 at earliest	3	£ 25,000	£ 10,000
Lock 2 - structural repairs following PI	C97	Unlikely before second PI - 2018 at earliest	3	£ 25,000	
Lock 3 - structural repairs following PI	C98	Unlikely before second PI - 2018 at earliest	3	£ 25,000	
Lock 4 - structural repairs following PI	C38	Unlikely before second PI - 2018 at earliest	3	£ 15,000	£ -
Lock 5 - structural repairs following PI	C19	Unlikely before second PI - 2018 at earliest	3	£ 30,000	£ 15,000
Lock 6- structural repairs following PI	C99	Unlikely before second PI - 2018 at earliest	3	£ 15,000	
Lock 7 - structural repairs following PI	C100	Unlikely before second PI - 2017 at earliest	3	£ 15,000	
Lock 8 - structural repairs following PI	C101	Unlikely before second PI - 2017 at earliest	3	£ 15,000	
Lock 9- structural repairs following PI	C102	Unlikely before second PI - 2017 at earliest	3	£ 15,000	
Lock 10 - structural repairs following PI	C124	Unlikely before second PI - 2017 at earliest	3	£ 15,000	£ -
Lock 11 - structural repairs following PI	C125	Unlikely before second PI - 2017 at earliest	3	£ 10,000	
Lock 18 - structural repairs following PI	C103	JT has instructed SW for 2016 programme. Contractor on site.	3	£ 10,000	£ -
Lock 19 - structural repairs following PI	C92	JT has instructed SW for 2016 programme - unable to programme due to logistics	3	£ 25,000	£ 10,000
Bypass channels rebuild Locks 19, 20 & 21	C11	BCS Volunteers???	3	£ 30,000	£ 25,000
Lock 20 - structural repairs following PI	C104	Unlikely before second PI - 2017 at earliest	3	£ 10,000	£ -
Lock 21 - structural repairs following PI	C105	Unlikely before second PI - 2017 at earliest	3	£ 25,000	£ 10,000
Lock 22 - structural repairs following PI	C106	Unlikely before second PI - 2017 at earliest	3	£ 10,000	£ -
Woking Wharf	C127	Additional cost to be recovered from WkBC and Canal Soc	4	£ 168,000	£ 108,000
10 year overhaul of backpumping equipment	C43	BCA contractor delivering below standard services. Find new supplier for thorough overhaul.	4	£ 10,000	£ -
Signage works - Information / Navigation	C48	BCA have signing plan	4	£ 30,000	£ 20,000

## HCC 2017 – projects programmed or (partly) committed

Project	Project ID	Status	Priority	Estimated total for completing project	Outstanding not funded
Principle Inspection of Whitewater Aqueduct	C53	HCC Engineers have conducted partial CCTV survey – require silt deposit removed before completing.	1	£ 30,000	£ -
Culvert repair: Barley Mow culvert (pipe deformed under Canal)	C54	Works combined with C58 - complete	1	£ 58,000	£ -
Works following PI of N Warnborough sluice	C134	2017 programme	1	£ 10,000	£ -
Telemetry	C15	Contractor appointed - about 24 months behind schedule due to staffing / technology issues. BCA now taking lead on implementation.	2	£ 34000	£ -
Dogmersfield Landslip **	C58	Project team dealing including Estates / EC / Legal - 12 months behind schedule; issues with adjoining landowner's works	2	£ 918,750	£ -
Embankment repairs: Chaltons (22) **	C60	Works complete awaiting bill from contractor.	2	£ 30,000	£ -
Bank protection / towpath reinstatement - repairing erosion	C64	High priority sites identified for 2016/17 – joint instruction with SCC. Works ongoing.	2	£ 800,000	£ 715,000
North Warnborough add weir to sluice & repairs to outfall	C70	Repair of damaged outfall. Combine repairs with replacement weir /penstock of same design as Hermitage.	2	£ 50,000	£ -

## SCC Unfunded projects

Total value unfunded £ 3,749,950

Project	Project ID	Status	Priority	Estimated total for completing project	Outstanding not funded
Bank protection / Towpath reinstatement - repairing	C23	BCA have identified target sites	2	£ 360,000	£ 289,000

erosion					
Culvert - Cowshott Stream (Brookwood) - PI and repairs	C95	Previous PI unable to be completed. High risk culvert taking large capacity of water under Canal.	2	£ 15,000	£ 10,000
Ash aqueduct winch improvements	C24	No budget	3	£ 10,000	£ 10,000
Dredging £50k/km -£70K/km	C26	Delivery of worst areas not until 2018 at earliest	3	£ 800,000	£ 750,000
Installation of stop plank grooves at Chertsey Road bridge** - cut from programme	C28	No budget	3	£ 100,000	£ 100,000
Purchase new improved hydraulic system for dredger*	C39	Hull survey good. Difficulty identifying suitable suppliers. No budget.	3	£ 74,000	£ 74,000
Amend existing ladders in chambers 1,3-9,11-15, 17,18, 20-26 (22 locks / £7k)	C94	No budget - experimental budget installation at Lock 17 only	3	£ 154,000	£ 147,100
Lock 1 - structural repairs following PI	C96	Unlikely before second PI - 2018 at earliest	3	£ 25,000	£ 10,000
Lock 5 - structural repairs following PI	C19	Unlikely before second PI - 2018 at earliest	3	£ 30,000	£ 15,000
Lock 19 - structural repairs following PI	C92	Limited budget	3	£ 25,000	£ 10,000
Bypass channels rebuild Locks 19, 20 & 21	C11	Limited budget for materials – works suitable for volunteer team	3	£ 30,000	£ 25,000
Lock 21 - structural repairs following PI	C105	Second PI due 2019 – no budget for resulting repairs	3	£ 25,000	£ 10,000
Lock 23 - structural repairs following PI	C107	Second PI due 2019 – no budget for resulting repairs	3	£ 10,000	£ 10,000
Lock 24 - structural repairs following PI	C108	Second PI due 2019 – no budget for resulting repairs	3	£ 25,000	£ 25,000
Lock 25- structural repairs following PI	C109	Second PI due 2019 – no budget for resulting repairs	3	£ 5,000	£ 5,000
Lock 26 - structural repairs following PI	C110	Second PI due 2019 – no budget for resulting repairs	3	£ 25,000	£ 25,000
Lock 27 - structural repairs following PI	C111	Second PI due 2019 – no budget for resulting repairs	3	£ 25,000	£ 25,000
Lock 28 - structural repairs following PI	C112	Second PI due 2019 – no budget for resulting repairs	3	£ 25,000	£ 25,000
Invest in IT software / hardware to enable data sharing -	C113	No budget	3	£ 50,000	£ 50,000
Horsell sluice - replacement standard sluice gate	C126	No budget	3	£ 15,000	£ 15,000
Ash wharf re-pile £1000/m**	C09	No budget	4	£ 50,000	£ 50,000
Woking Wharf	C127	Additional cost to be recovered from WkBC and Canal Soc	4	£ 168,000	£ 108,000
Deepcut High Bridge to Great Bottom flash path re-surface	C44	No budget - s.106 funding unlikely to stretch beyond Deepcut High Bridge	4	£ 290,000	£ 290,000
Build new footbridge over	C45	No budget	4	£	£

hermitage pound to avoid road bridge crossing**				170,000	170,000
Lower lock stop plank grooves	C46	No budget	4	£ 250,000	£ 250,000
Signage works - Information / Navigation	C48	BCA have prepared signing plan – and are seeking sponsors.	4	£ 30,000	£ 20,000

## HCC Unfunded projects

Total value unfunded £3,069,302

Project	Project ID	Status	Priority	Estimated total for completing project	Outstanding not funded
Works following PI of Ash Lock bypass sluice	C129	No budget	1	£ 10,000	£ 10,000
Works following PI of Artillery sluice	C130	No budget	1	£ 10,000	£ 10,000
Works following PI of Farnborough Rd sluice	C131	No budget	1	£ 10,000	£ 10,000
Works following PI of Norris sluice	C132	No budget	1	£ 10,000	£ 10,000
Works following PI of Reading Road weir	C133	No budget	1	£ 10,000	£ 10,000
Swan cutting dredging & stabilisation	C62	Atkins report suggests complex engineering requirements – no budget. <b>Canal Society to lead on this work.</b>	2	£ 300,000	£ 300,000
Swan cutting towpath repair	C63	Atkins have made a report; all solutions look expensive – no budget. <b>Temporary repairs - works complete.</b>	2	£ 150,000	£ 150,000
Culvert repair: Wilks Water Culvert (resolve leaks)	C68	No budget – also requires access over private land	3	£ 18,000	£ 18,000
Purchase new improved hydraulic system for dredger*	C39	Hull survey good. Difficulty identifying suitable suppliers. No budget.	3	£ 74,000	£ 74,000
Increase capacity of bypass at Ash Lock	C75	No budget	3	£ 20,000	£ 20,000
Reading Road Weir enlargement and add sluice	C77	No budget / Flood & hydrological survey required first	3	£ 30,000	£ 30,000
Stop plank grooves (location tbc)	C78	No budget – plus requires additional sluice first	3	£ 160,000	£ 160,000
Stop plank grooves (location tbc)	C79	No budget – plus requires additional sluice first	3	£ 160,000	£ 160,000

Flood risk assessment for flood risk avoidance (required ahead of increasing weir capacity or new weirs / sluices)	C61	No budget for projects requiring this survey	4	£ 10,000	£ 10,000
New weir / sluice at Crookham (location tbc)**	C76	No budget	4	£ 100,000	£ 100,000
Reinstate Btoadoak sluice	C135	No budget	4	£ 50,000	£ 50,000
Install second ladder in Lock 29 c hamber	C90	No budget	4	£ 35,000	£ 35,000
Hard bank boat moorings (visitor moorings): Fox & Hounds	C73	No budget	4	£ 40,000	£ 40,000
Dredging £50k/km -£70K/km	C83	No budget	4	£ 800,000	£ 800,000
Hard bank boat moorings (visitor / permanent moorings): Farnborough Road	C84	Canal Society funding - FS leading delivery	4	£ 40,000	£ 40,000
Signage works - Information / Navigation	C86	BCA have prepared signing plan – and are seeking sponsors.	4	£ 10,000	£ 10,000
Improvement of septic tank at Colt Hill	C136	No budget	4	£ 30,000	£ 30,000
Culvert repair: Dunley's Hill Feeder (pipe cracked upstream of Canal)	C81	No budget	5	£ 5,000	£ 5,000
Hard bank boat moorings (visitor moorings): Reading Road	C74	No progress made yet / No budget	5	£ 40,000	£ 40,000
Signage works - Interpretation Panels	C87	No budget	5	£ 10,000	£ 10,000
New car park at Penny Bridge, Up Nately	C137	No budget	5	£ 5,000	£ 5,000
Hard bank boat moorings work boat moorings: Ash Lock	C138	No budget	5	£ 20,000	£ 20,000

## Key

Priority	Description
1	Urgent maintenance - likely failure imminent / High importance improvement - improvements with legal obligations, or legal consequences
2	Priority maintenance - failure foreseeable / Important improvement - improves safety significantly for visitors and residents
3	Recommended maintenance - preventing future failure / Desirable improvement - improves safety for visitors
4	Desirable maintenance - preventing deterioration of asset / Improvement - contributing towards safety
5	Desirable improvement not safety related