

## Annexe 1 – detail of work carried out 2014-17

### Surrey 2014-15 projects carried out

Project	Status / Comment
Embankment repairs - Ash Embankment (Embankments 66-68) – cross border scheme carried out by SCC on behalf of both owners.	SCC Engineer considering site investigation report; preliminary design to be checked by HCC Engineers for HCC portion.
Mytchett Lake Embankment (Embankment 74) - contingencies from Reservoirs Act improvements**	Complete - Additional works not required by ARPE - final report only
Purchase of emergency equipment	Pumps purchased for BCA
Redway Cottage culvert leakage (culvert 8)	Complete - Fixed by BCA Ranger team
Weir crest replacement - Ash Embankment Weir	Complete
Backlog of tree maintenance following tree survey	Works classed “Immediate” carried out.
Invest in Telemetry – HCC procured on behalf of both owners	Contractor appointed - BCA now taking lead on implementation.
Lock 10 - purchase of new gates	Complete
Lock 10 - investigate / repair leaking old paddle	Complete
Lock 20 - solve leak around o/s upper wing wall	Works carried out, but problem not resolved
Lock 22 - structural repairs (leak behind wing wall / pointing)**	Complete
Lock 23 - structural repairs (pointing, replace upper o/s wingwall)**	Complete
Lock 27 - structural repairs (upper t/s wingwall, bypass channel)**	Complete
LSTF grant for Woking towpath works	Funding transferred to BCA

### HCC 2014-15 projects carried out

Project	Status / Comment
Purchase of emergency equipment*	Some equipment purchased – outboard, stop planks
Dogmersfield Landslip	Design / negotiations with adjoining landowner
Embankment repairs - Ash Embankment (Embankments 66-68) – cross border scheme carried out by SCC on behalf of both owners.	SCC Engineer considering site investigation report; preliminary design to be checked by HCC Engineers
Invest in Telemetry – HCC procured on behalf of both owners	Contractor appointed - BCA now taking lead on implementation.

## SCC 2015-16 projects carried out

Project	Project ID	Status	Priority
Embankment repairs - Ash Embankment (Embankments 66-68) – cross border scheme carried out by SCC on behalf of both owners.	C01	SCC Engineer completed design advised by HCC Engineer and CRT. Eastern half of project delivered.	1
Embankment repairs Step Bridge (Embankment 125)	C02	Partial failure June 2015 proved earlier works ineffective - repairs reinstated to programme. Engineer tasked with developing sheet pile repair scheme. <b>Works complete.</b>	1
Rive Ditch - Woking Culvert (Culvert 5) - replacement**	C07	Engineering design carried out, tendered, permissions obtained and works commenced	1
Backlog of tree maintenance following tree survey	C10	Second tranche of works classed as “urgent” carried out	2
Embankment repairs: (Embankment 76 - Frimley Lodge Park)	C12	Designed, permissions obtained, tendered, works complete	2
Embankment repairs: (Embankment 77 - Canal Centre)	C13	Designed, permissions obtained, tendered, works complete	2
Hermitage weir replacement of brickwork and add sluice.	C14	Designed, permissions obtained, tendered, works complete	2
Invest in Telemetry – HCC procured on behalf of both owners	C15	Contractor appointed - about 12 months behind schedule due to staffing / technology issues. BCA taking lead on implementation.	2
Lock 21 - solve leak around t/s upper wing wall	C88	Hole opened up next to towpath - mass concrete wall constructed	2
Purchase of mini-tractor for BCA (SCC / HCC purchased half each)	C20	Purchased / delivered	2
Weir crest replacement - Ash Embankment Weir	C08	Complete	2

## HCC 2015-16 projects carried out

Project	Project ID	Status	Priority
Culvert repair: Barley Mow culvert (pipe cracked under Canal)	C54	HCC Engineers carried out preliminary surveys	1
Crookham Embankment (resolve leaking issues)	C55	Strategic Manager issued design using standard sections details – priced & works complete	1
Culvert repair: Tundry Bank Culvert (leaking deformed brick arch)	C56	HCC Engineers designed, permissions obtained, works complete	1
Eastrop House Embankment leak	C57	Strategic Manager issued design using standard details – priced & works complete	1
Dogmersfield Landslip	C58	Further design, aborted tender process, further negotiations with landowner	2
Embankment repairs: Ash Embankment West (65) **	C59	Western half of cross border scheme delivered by SCC for HCC	2
Invest in Telemetry – HCC procured on behalf of both owners	C15	Contractor appointed - about 12 months behind schedule due to staffing / technology issues. BCA now taking lead on implementation.	2
Swan cutting towpath repair	C63	HCC Engineers instruct Atkins to report, major works required. Temporary towpath repairs designed, priced by Strategic Manager - temporary works carried out	2
Culvert repair: Broadoak culvert (pipe downstream of Canal collapsed)	C66	HCC Engineers design and instruct works	2
Culvert repair: Farnborough Road Weir (pipe cracked downstream of weir)	C67	HCC Engineers design and instruct works	2
Culvert repair: Wilks Water Culvert (resolve leaks)	C68	HCC Engineers design and instruct works - contractor error unable to complete	2
Backlog of tree maintenance following tree survey	C69	Second tranche of works classed as “urgent” carried out. Funding transferred to BCA for billing.	2
Purchase of mini-tractor for BCA (SCC / HCC purchased half each)	C20	Purchased / delivered	2

## SCC 2016-17 projects carried out

Project	Project ID	Status	Priority
Rive Ditch - Woking Culvert (culvert 5) - replacement	C07	<b>Completion of works</b>	1
Backlog of tree maintenance following tree survey	C10	Third tranche of works classed as "routine" carried out.	2
Invest in Telemetry – HCC procured on behalf of both owners	C15	Contractor appointed - about 24 months behind schedule due to staffing / technology issues.	2
Lock 12 - structural repairs (replace bypass, repoint chamber)	C17	PI carried out – priority remedial works commenced	2
Lock 17 - structural repairs following PI & install drain from toe ditch	C18	PI carried out – toe drain installed, lock ladder alteration procured, priority remedial works carried out	2
Bank protection / Towpath reinstatement - repairing erosion	C23	Priority sites on embankment targeted initially. Joint contract procured – works commenced	2
Full channel survey (incl depth & siltation) *	C27	Randall surveys completed survey and provided raw data for analysis	3
Lock 25 - bulge in t/s chamber wall discovered	C93	Survey of lock bypass and chamber walls following discovery of bulge – bypass OK - old movement no further action	3
Lock 13 - structural repairs** upper t/s voiding	C30	PI carried out – priority remedial works carried out	3
Lock 14 - structural repairs**	C31	PI carried out – priority remedial works carried out	3
Lock 15 - structural repairs (pointing, voiding under wingwall, replace bypass pipe)**	C32	PI carried out – priority remedial works carried out	3
Lock 16 - structural repairs (pointing)**	C33	PI carried out – priority remedial works carried out	3
Lock 18 - structural repairs following PI	C103	PI carried out – priority remedial works carried out	3

## HCC 2016-17 projects carried out

Project	Project ID	Status	Priority
Culvert repair: Barley Mow culvert (pipe deformed under Canal)	C54	HCC Engineers tender and instruct contractor – works complete	1
Dogmersfield Landslip	C58	HCC tender and instruct contractor – work commences	2
Embankment repairs - Ash Embankment (Embankments 66-68) – cross border scheme carried out by SCC on behalf of both owners.	C59	SCC Engineer considering site investigation report; preliminary design commented upon by CRT to be checked by HCC EC for HCC portion. Specification out to tender. Half of project delivered	2
Bank protection / towpath reinstatement - repairing erosion	C64	Priority sites on embankment targeted initially. Joint contract procured – works commenced	2

This page is intentionally left blank