

BASINGSTOKE CANAL JOINT MANAGEMENT COMMITTEE**Date: 31 October 2012**Hampshire
County Council**Basingstoke Canal – Rapid Improvement Project Progress report - September 2012****Lead Officer: James Taylor**

(Whitebeam Lodge, Merrow Depot, Merrow Lane, Guildford, Surrey GU4 7BQ
Tel: 01483 517538 email: james.taylor@surreycc.gov.uk)

Phase 1 works

The Rapid Improvement Project (Phase 1) is now in year 3, work is progressing well, and is largely complete in Surrey, but with a number of major items still to do in Hampshire.

It is reiterated that it was never the plan to do all of the works required to bring the Canal to a stable condition in this the first phase – there is simply not the resources to do this all in one go; just to do sufficient to make the Canal safer with water in it and mitigate some of the risk.

In Deepcut - the initial phase of works to do major structural works at Locks 19, 20 & 25, pointing and brick replacement throughout the flight, and the replacement of a number of lock gates are largely complete. There are some minor snags for the contractor to rectify, some additional work on the paddle-box tops and some balance beams to install. The only main item not completed are the upper gates at Lock 25 where they are awaiting the new set of gates from the manufacturer.

In preparation for the re-flooding of the Deepcut flight a large void under the upper wing wall has been identified at Lock 18 which needs remedial work before the pound can safely hold water. The upper gates at Lock 24 have also deteriorated dramatically whilst out of water and replacements are now on order.

Lock gates have also been replaced at Locks 1,4,5,6 (Woodham) & 9 (St Johns). The completion of installation of gates at Lock 12 (Brookwood) will follow the installation of lower stop plank grooves – the contractor is currently on site at this location. The proportion of the Surrey spend allocated to lock gates has risen dramatically, emphasising the need for cyclical maintenance by the BCA in the future suggested by the Asset Management Plan.

Following difficulties with the sub-contractor a thorough culvert survey is now making good progress in Hampshire (the Surrey equivalent was conducted in 2009). It is expected that a substantial amount of the remaining unallocated funds in Hampshire will be spent on repairing matters identified in the culvert survey, for example: an original elm box culvert has been surveyed near Odiham Lift Bridge and found to be fragile and mostly blocked with tree roots and gravel.

A substantial amount of soft bank protection has taken place in both Surrey and Hampshire to increase safety of various embankments and/or reduce leakage. The largest single section was below Lock 1 at Woodham.

Vegetation clearance work on Ash Embankment (Hants section) is due to commence shortly to enable closer monitoring of the structure in future. The partly failed hard- bank protection at Swan Cutting is due to be replaced with longer piles and improved anchor points.

Build-outs and cills for stop-planks are due to be constructed at Pondtail and Coxheath. These will be major items of expenditure in Hampshire - the Service Manager has now issued task orders following a lengthy design and some discussion with the Term Contractor over the proposed bills of quantities.

Appendix 1 gives a detailed break-down of progress and task orders issued to the contractor to date, and known items estimated but not yet issued.

The future – phases 2 & 3

Phase 2 will see a different approach as there are different priorities in each county - Hampshire intend to concentrate on further culvert and embankment repairs, whereas Surrey will tender a design & build contract to carryout the works required under the Reservoirs Act to Mytchett Lake Embankment.

Funding for Phase 2 in Hampshire will come from the capital receipts from the sale of two canal cottages. In Surrey £2m capital is allocated in the Medium Term Financial Plan over 4 years to cover phases 2 and 3.

Phase 3 in Surrey will see a return to addressing the structural and risk defects identified in the principal engineering inspections for locks and embankments.

The Asset Management Plan, and the surveys which have informed it, estimate that £5m is required to bring the Canal's principal assets to a stable state, where programmed maintenance from revenue sources can sustain the condition. As the Mytchett Lake Embankment works were significantly underestimated in this appraisal together with 3 years of inflation (which has been most marked in the construction sector) the current estimate has been raised to £7m.

Appendix 1 – detail of works carried out and allocated

Task Order No.	Location	Description	Est cost	Actual cost	Status	Works to commence date
Totals			£727,226	£661,365		
1	13 Mable Street, Woking	Hard bank protection to seal leak	£11,712	£11,712	Complete	
4	Deepcut flight Locks 16-28	General repairs	£71,246	£71,246	Mostly complete	
2	Deepcut Lock 19	Structural repairs	£53,389	£53,389	Complete	
3	Deepcut Lock 20	Structural repairs	£73,405	£73,405	Complete	
8	Woodham Embankment	Tree removal	£55,744	£55,744	Complete	
9	Deepcut Lock 25	Structural repairs	£63,522	£47,747	Complete	
10	n/a	CDM supervisor	£3,000	£1,613	Ongoing	
11	Woking	Tree cutting	£3,256	£3,256	Complete	
12	Woodham Lock 1	Lock gate replacement			Complete	
12	Woodham Lock 4	Lock gate replacement			Complete	
12	Woodham Lock 5	Lock gate replacement			Complete	
12	Woodham Lock 6	Lock gate replacement			Complete	

Works in Surrey

12	St Johns Lock 9	Lock gate replacement			Complete	
12	Brookwood Lock 12	Complete installation of gates			Contractor on site	14-Sep
12	Deepcut Lock 23	Lock gate replacement			Complete	
12	Deepcut Lock 25	Lock gate replacement			Lower gates complete, upper gates delivered with issues - yet to be installed	TBC
12	Deepcut Lock 26	Lock gate replacement			Complete - snags identified - contractor to rectify	
12	Lock gates sub-total		£189,010	£189,010		
17	Various	Chainage markers	£14,549	£14,549	Complete	
18	Woodham Embankment	Soft bank protection to increase freeboard	£77,591	£77,591	Complete	
19	Deepcut flight	Towpath repairs	£15,000	£15,000	Complete	
20	Deepcut Lock 26	Hard bank protection to reduce scour	£12,348	£12,348	Complete	
21	Woodham Lock 1	Dredging to produce arrisings for Woodham soft embankment works	£8,633	£8,633	Complete	

Works in Surrey

23	Brookwood Lock 12	Lower stop plank grooves	£20,162	£14,333	Largely complete	14-Sep
24	St Johns - culvert at Redway Cottages	Repairs to leaking culvert	£20,000		Contractor investigating methods of repair	TBC
Non - task order item	Deepcut Lock 18	Hard bank - materials only (works by volunteers)	£6,000	£6,000	Complete	
26	Deepcut Lock 20	Investigate leaking wall	£500		Instruction issued to contractor	
27	Deepcut Lock 24	Replacement of upper gates	£12,000	£3,000	Instruction issued to contractor	
	Towpaths, lock and bank tops	Final tidying	£5,000		On completion of all other works	
25	Deepcut Lock 19	Posts at outfall	£3,000	£750	Instruction issued to contractor	
28	Deepcut Lock 18	Hard-bank protection to seal void under upper wing wall	£8,159	£2,039	Instruction issued to contractor	

Works in Hampshire

Task Order No.	Location	Description	Est cost	Actual cost	Status	Works to commence date
Totals			£544,777	£152,077		
5	Poulter's Bridge	100m soft bank protection	£8,517	£10,451	Complete	
6	West Hart Embankment, Crookham	Soft bank protection	£34,068	£47,769	Complete	
7	Crookham Embankment	Soft bank protection	£10,220	£4,823	Complete	
10	n/a	CDM supervisor	£3,000	£1,613		
13	Culvert 29	Remove blockage	£1,500	£3,679	Ongoing	
14	Various	Culvert surveys	£50,912	£22,600	Commenced, work stalled - D&B appointed new sub-contractor. New sub-contractor on site.	Ongoing
15	Culvert 2	Clearance	£5,000	£3,599		
16	Various	Chainage markers	£14,549	£14,549		
22	Odiham lift bridge	Soft bank protection	£1,900		Programmed	Ongoing
22	Whitewater	Soft bank protection	£2,850		Programmed	Ongoing

Works in Hampshire

	aqueduct					
22	Broadoak feeder	Soft bank protection	£1,900		Programmed	Ongoing
22	Blacksmiths Bridge	Soft bank protection	£3,800		Programmed	Ongoing
22	Blacksmith winding hole	Soft bank protection	£2,850		Programmed	Ongoing
22	Crookham swing bridge	Soft bank protection	£3,800		Programmed	Ongoing
22	Crookham swing bridge	Soft bank protection	£2,850		Programmed	Ongoing
22	Norris Weir	Soft bank protection	£1,900		Programmed	Ongoing
22	Baisleys Bridge	Soft bank protection	£3,215		Contractor instructed	
22	Hants soft bank sub-total		£25,065	£14,333		
32	Coxheath Bridge	Stop plank grooves	£136,083		Contractor instructed	05-Nov
31	Pondtail Bridge	Stop plank grooves	£110,056	£10,188	Contractor instructed	05-Nov
	Towpaths, lock and bank tops	Final tidying	£5,000		On completion of all other works	
29	Broadoak Feeder	Hard bank protection	£13,025		Contractor instructed	TBC
30	Ash Embankment	Vegetation clearance	£52,782	£18,473	Contractor instructed	Ongoing

Works in Hampshire

	Swan Cutting	Renewing failed sheet piling	£75,000		Obtaining estimate	
	West Hart Embankment, Crookham	Emergency response to stop leak			Emergency work carried out awaiting permanent fix and paperwork	