

Structures Management

Appendix A

2008/09 – Planned Capital Programme of Bridge Assessment, Strengthening and Structural Maintenance

Road and Area	Bridge Name	Bridge Number	Funding Required in 08/09 - £'000s Incl.design fee	Comments
Structures on PRN				
A25	Botany Bay	332	50	A Essential brick arch repairs. Awaiting track possessions to do work. Extent of work may vary as a result.
Structures on 'A' Road Network				
Eastbound	Vauxhall Br.	74	150	A Reconstruction of failing head and tail walls. Deferred from 07/08 due to ecological restrictions.
A21 Road Slip. WK	Tonbridge			
Structures on Remainder of Adequate Network				
U/C EK	Harnet Street Culvert, Sandwich	1946	30	A Strengthening/relining of rapidly deteriorating culvert in critical junction location. Difficult access limits options for ongoing maintenance. Carry over from 07/08. Complete.
B???? EK	Barham (Valley Road)	254	350	A Replacing weak bridge and increasing capacity. £100k from drainage flood relief budget. Advance works started in March in prep. for Utility work and main scheme. In progress.
B2162 MK	Twyford Bridge, Yalding	73	100	A Realignment of west end wing wall to eliminate restrictive dog-leg to facilitate unrestricted use and protect the public on and below the bridge. Deferred in 07/08 awaiting EH sanction which has now been received.
B2188	Longbridge	129	15	A Anti scour works and brickwork repairs
B????	Royal Parade Viaduct	3245	150	A Replacement of spalling balusters. Phase 1 essential safety work over public thoroughfare. Could be extended. In progress.

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Structures on Other Routes

C186 MK	Bilsington Bridge over Royal Military Canal Bilsington	385	10	A	Reconstruction of bridge, which had failed its structural assessment, in accordance with strategy for bridges over Royal Military Canal. Carry over from 07/08. Bridge strengthening programme. Complete.
Road and Area	Bridge Name	Bridge Number	Funding Required in 08/09 - £'000s Incl.design fee		Comments
C185	Stone Reaches	671	200	A	Replacement of weak and weight restricted bridge. Bridge strengthening programme. Carry over from 07/08. In progress.
C696 EK	Radnor Bridge Folkestone	2351	170	B	Phase 4 and completion of restoration work to eliminate risks from falling render and protect fabric of structure. Overpainting. Track possessions agreed for summer.
U11340 MK	Stile Farm Br. Chilham	1637	610	B	Reconstruction of bridge over R. Great Stour, weight restricted to 3T due to failed assessment. Bridge strengthening programme.
U11475 EK	Paternoster Ford Br. St Mary in the Marsh	706	200	C	Reconstruction of bridge which has failed its structural assessment currently weight restricted at 3T. Bridge strengthening programme
U/C	Salters	732	100	C	Strengthening weak bridge. Bridge strengthening programme
D1455	Lansell Cottage	2766	100	C	Replacement of weak and weight restricted bridge. Bridge strengthening programme
D1589	Barkley	80	140	B	Reconstruction of weak and weight restricted cast iron beam bridge. Bridge strengthening programme
C55	Shipland	148	130	B	Reconstruction of weak bridge. Bridge strengthening programme
	<i>Tannery Footbridge</i>	<i>3466</i>	<i>(50)</i>	<i>R</i>	<i>Replace deteriorated laminated timber footbridge Need being reviewed with local stakeholders. Reserve scheme.</i>
U/C EK	Seaview Terrace, Ret. Wall, Margate	6708	45	C	Possible joint scheme with Thanet District Council to strengthen retaining wall by infilling toilet block and provide vehicle barrier. Deferred to allow further discussion with Thanet DC.

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U23785 EK	Barham "The Street" Bridge, Barham	231	(225)	R	Reconstruction of bridge to secure increase in flow capacity recommended on this section of the Nailbourne following flooding a few years ago. Scheme will also resolve structural weakness identified in parts of the structure. Reserve scheme.
Road and Area	Bridge Name	Bridge Number	Funding Required in 08/09 - £'000s		Comments
Other Works					
	Various Sites		150	B	Replacement of ageing Aluminium parapet in accordance with national guidelines. Slipped from 07/08.
	Various Sites		20	A	PTSI and Half Joint investigations. Carry over from 07/08. In progress.
	Various Sites		75	C	Structural maintenance works. Dealing with backlog of structural defects
	Interim Measures		10	A	Ongoing protection of bridges awaiting strengthening.
	Assessments and Principal Bridge Inspections		200	A	Ongoing programme to meet cycle of principal inspections which are the first stage of bridge assessment reviews and undertaking any necessary structural assessments.
	Various design and site supervision		200	A / B	Completing scheme preparation, supervising site works, on site design and prep.of as built records
	Forward design for 09/10 schemes		100	B	Will be allocated as the year progresses for 09/10 schemes.

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	Implementation of new Code of Practice for Management of Highway Structures.		50	B	Gap Analysis, Data Collection and Development of Database. Required to meet Government requirements for Good Asset Management and Resource Account and budgeting. Agreed by Alliance Board
	Total		<u>£3,405,000</u>		Original allocation is £1.666million. Income of £100k sought from drainage flood relief fund. Outturn will be managed within final budget