

Bridge Attributes			Works Required and Prioritisation				Works Arrangements			
Ref. No	Road No	Name	Description of works Required	Investigation/ Assessment/ Temporary works/ Consents	Estimated Scheme Cost (£)	Prioritisation notes	Programme	Design	Works	Status
2012										
B93	A 67	Old Farmhouse Pub								Some work outstanding
TOTAL= £0										
2013										
B101	U nc.	Humble Carr Lane								Delayed to free budget for Stonebridge/ Carbury landslip
B41	C 40a	Burtree	Consider introduction of safety barrier in front of south parapet. Repairs to parapets to provide pedestrian edge protection along with edge beam to enable satisfactory parapet connection. Concrete repairs to headwall and wing walls and introduction of sacrificial anode. Install monitoring to west wing wall.	Feasibility works to determine whether repairs are economic or whether replacement justified. Parapet risk assessment. Damming and over pumping would be required for major works. Scaffold for minor works. DBC Water consent required.	65k depending on scale of works.	Parapets are safety critical although low risk of incursion. Concrete in poor condition externally but main structure appears fair to good. Concrete posts likely to deteriorate quickly - works may enable repairs rather than replacement.	2016	External	Internal	Programmed Summer 2015
B73	U nc.	New				BCIcrit is low but the defects from which it arises are not having an affect on the overall stability or safety of the structure. In addition, the defects are not likely to rapidly deteriorate, meaning this does not bear on the prioritisation.				Urgent works (fencing) works complete.
B11	A 167	Coatham South	Various concrete repairs, vegetation removal.	DBC water consent required. Confined spaces works.	60,000.00	Rate of deterioration likely to be relatively low. Enough works to justify scheme. No critical elements of imminent concern despite BCIcrit. Could be combined with Coatham North due to proximity to achieve better value.	2018	External	External	Urgent works (fencing) works complete.
B84	U nc.	Widdowfield Street	Various minor works: vegetation removal, removal of debris from channel, installation of post and three rail fencing around headwalls,	None	5,000.00	Works would be relatively easy to carry out.	2018	Internal	Internal	
B31	C 37	Boundary	Install monitoring for large cracks in parapets and carry out repair of dropped brickwork in arch.	DBC water consent required. Confined spaces works.	4,000.00	Works are important to maintain structural integrity of the arch and determine maintenance strategy in the long term.	2018	External	External	
B08	A 68	Cockerton								
B20	A 1150	Great Burdon	Limited works required - mesh replacement in parapets, vegetation and debris removal, patch repairs to deck paintwork,	EA Consent required, Underbridge unit or scaffolding would be required.	7,500.00	Works required are non-urgent and very limited.	2018	Internal	Internal	
B26	B 6279	Haughton								
B35	C 38a	Cree Beck No.1								Complete
TOTAL= £76500										
2014										
B10	A 68	New	"H Priority only" - Remove debris from beck upstream of structure.		500	Should be carried out within 2 years. Issue has been present since previous Pis and is not dangerous.	2013	Internal	Internal	
B50	C 55	John Street	TBC following investigation.	Investigate seepage through parapet/deck joint. Parapet compliance and risk assessment for repair/replacement required. Feasibility for works required. Repainting of deck steelwork. EA Consent required for any works.	230000	Risk of parapet strike considered limited since trapezoidal kerbs installed and other elements of bridge in fair condition - may not be high priority. Bridge deck steelwork requires repainting to prevent more significant subsequent works.	2015	External	External	
B79	U nc.	Russell Street	Full repainting of steelwork. Resurface carriageway and footways locally, consider applying waterproofing, strengthening to remove weight limit, replacement of surrounding retaining wall barriers with suitable edge protection. Vegetation removal of trees.	Ea Consent, listed building consent, some scaffolding would be required although no impoundment of watercourse. Feasibility work required to determine strengthening scheme possibilities.	175k (275k with strengthening)	May be worth leaving until town centre fringe strategy is determined. Strengthening would be required but structure left in place. Enough works to justify stand alone scheme focussing on elements which would remain in place through town centre fringe changes. Several high priority items. Risk assess to determine whether these should be addressed separately and more urgently.	2016	External	External	
B95	C 54	West Middleton Farm								
B02	A 67	Coniscliffe								
B52	C 55	Newton Lane No. 2								Complete
TOTAL= TBC Depending on Freemans Place works										
2015										
B42	C 40a	Burtree Railway								
B91	U nc.	Redmarshall								
B77	U nc.	Priestgate	Repainting of main beams, repairs and/or repainting of tie bars, pressure repointing of piers and abutments. Potential strengthening to carry carriageway loading to be investigated. Would likely require RC slab 400-700mm thick.	EA Consent Required. (Not listed).	90000 - Significant increase for strengthening due to ancillary highway works.	Several maintenance items should be addressed to avoid more extensive long term repairs. Sufficient works to combine to make works cost efficient. No works which are required immediately or which will deteriorate rapidly.	2017	External	External	
TOTAL= £317,500 Min, £367,500 Max										
2016										
B49	C 52	Teesside Airport Railway	"H Priority only" - Carry out repair of safety fence. Repair or replace barrier/ base plate/ fixings.		2000	Should be carried out within 2 years. Risk assess to determine whether repair required. Limited risk as safety barrier impact damage not affecting incursion to rail risk. Could simply be left.	2014	Internal	Internal	Urgent works (fencing) works complete.

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								Programme	Design	Works	Status
B92	C	46	Catkil No 1 (2 pipes)								
TOTAL= £240,000 Min, £340,000 Max											

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2017										
B43	C 46	Bishopton Mill								
B45	C 46	Catkil No. 2								
B104	B 6279	Lingfield Beck								
B54	C 71	Denton Village No. 1	Various stonework repairs required to arch barrel.	DBC Water consent required. Could be carried out during dry period or the structure could be dammed and over pumped or flumed.	5000	BCIcrit is very low, but this is due to defects with arch. Arch both saddled and overlapped so defect will have minimal effect on load carrying capacity. Work should be carried out within 6 years to ensure long-term integrity of arch. The works could be combined with Denton Village No 2 due to the similarity of works and proximity of structures.	2018	Internal	Internal	
TOTAL= £5000										
2018										
B83	U nc.	Westbrook	Repainting of steelwork. Replacement of parapets (? Significant work to remove vegetation from retaining walls and subsequent repairs.	Assessment to be checked to ensure footway is accounted for. Parapet Risk assessment required - upgrading likely to be required. EA/DBC Water Consent required. Feasibility to investigate whether replacement bridge would be more cost effective.	175000	There are a number of items needing attention which mean that a good scheme of works would be possible. Paintwork would prevent more expensive steelwork repairs in medium to long term. Several high priority items to carry out. Look to strengthen and remove weight restriction if possible. Defects are unlikely to deteriorate quickly so could be delayed if necessary. No safety critical works. Package of works would be worth doing. Minor works to Bampton No 1 could be carried out at same time.	2013	External	External	Urgent works (fencing) works complete.
B60	U 49/13	Bampton No. 1	Concrete repairs to extensions, stonework repairs to arch, repair parapet cracking, vegetation removal.	DBC water consent required. Scaffolding required for works. Ensure parapet design compliant with BS 6779	115000	Works would be relatively easy to carry out. BCI Critical has minimal affect on overall structural stability and would not be addressed through repairs.	2018	External	External	Complete
B71	U nc.	Hollyhurst Road	Various minor works: vegetation removal, removal of debris from channel, installation of post and three rail fencing around headwalls, install monitoring arrangements for arch barrel cracks.	None	5000	Works are worth doing to prevent more extensive works at later date. Bridge is not in a dangerous state and critical element causing low BCI crit is very localised with no risk to overall structural integrity. Bridge only carries footpath and other defects do not appear to be deteriorating rapidly therefore not worth doing. No safety critical or high priority items - to be done within 4 years.	2018	Internal	Internal	
B78	U nc.	Redworth Old	Repainting of steelwork required to prevent severe deterioration of primary deck element.	DBC water consent required.	17500	Works are worth doing to prevent more extensive works at later date. Bridge is not in a dangerous state and critical element causing low BCI crit is very localised with no risk to overall structural integrity. Bridge only carries footpath and other defects do not appear to be deteriorating rapidly therefore not worth doing. No safety critical or high priority items - to be done within 4 years.	2017	External	External	Complete
B96	C 38	Bumper Hall								
B99	C 46	Mill Lane (Old)								
B37	C 38a	Skipbridge	Repainting of main beams, replacement of post and rail fence, removal of silt, repairs to abutment cracking.	Parapet Risk assessment. Confined spaces work. Water consent (from DBC). Check assessment to ensure corrosion is accounted for. Feasibility to determine whether replacement would be better value.	80k (130k replacement)	Scheme seems to be disproportionately highly prioritised. Evaluate assessment and parapet risk and re-prioritise.	2015	External		Possible internal if replacement, External if confined spaces.
B82	U nc.	Stone	Repainting or possible repairs to main beams, repair to tie bars, works on service ducts, repointing of piers in places, repairs and patch repainting to parapets. Minor scour works needed around piers.	Assessment of beam capacity and feasibility for works. Parapet risk assessment. EA Consent Required. (Not listed).	575000	Several items which without maintenance will quickly become more expensive and may reduce the load capacity of the bridge. Scheme is well justified and should be carried out asap.	2013	External	External	
B14	A 167	Northgate								
B13	A 167	Freemans Place No. 1 & 2	Concrete repairs to pile caps, repainting of piles, repairs to asphaltic plug joints, patch paint repairs to parapets, vegetation removal.	Flume River Skerne to dewater works areas. Would likely need to construct steel trestle frames in river to jack bridge from. Parapet risk assessment to determine requirement for upgrading. EA Consent. Feasibility to determine method of works and traffic management implications.	TBC depending on scale of works.	Several items need maintenance. Pile caps could be investigated to determine residual maintenance life expectancy and left as long as possible. Sheet piles could be repainted at much lower cost separately. In situ repair feasibility to be investigated. Structure requires 10-15 years residual life if town centre fringe plans go ahead.	2014	External	External	
TOTAL= £887500										