

# The complete asset management tool for bridges and highway structures



T Primary deck element (Table 2) - Steel stringers

# **Inventory Management**

Centrally collate detailed information on your bridges and structures inventory.

Upl	oad Fi	iles	Delete Files	Move Files	Unloc
	#		File Name		Numbe
7	2		Southbound Elev	ation	

# **Document Management**

Upload and store important files against structures. Make use of search features.

Link to Inspection	Authority	Owner Type	Inspection Type	Planned Date	Inspection Date	Signoff Status
	•	-	•	-	-	-
View Inspection	Authority C	Local Authority	GI	14/11/2017	14/11/2017	
View Inspection	Authority B	Local Authority	GI	01/05/2017	01/05/2017	
View Inspection	Authority A	Local Authority	PI	05/05/2017	05/05/2017	Accepted (Compliant)

# **Inspection Programming**

Each element can be recorded with details of its individual defects.

Local Authority	Bridge	BD21: Initial Assessment	01/06/1995	40
Local Authority	Culvert	BD21: Detailed Assessment	28/06/2002	40
Local Authority	Culvert	BD21: Initial Assessment	01/08/1994	40
Local Authority	Culvert	BD21: Initial Assessment	01/09/1995	40
Local Authority	Culvert	BD21: Initial Assessment	01/09/1995	40
Local Authority	Bridge	BD21: Initial Assessment	01/01/1998	40
Local Authority	Pedestrian Subway (or	Design Load		40

# Assessments

Manage	stru	uctural	rev
assessmen	its	and	in
measures.			

/iews,



Scores and indices automatically calculated reported back to you.



# **Dashboards**

BridgeStation dials.

Create Re	port		
Report ID	Report Name	Report Description	Publicly Available
			×
32	Demo 1: Structure Details	All Structure Details	~
33	Demo 2: Inspection Results	All Inspection Results	~

### **Reports Builder**

Build a report made up of the Create fields you need and specify your own filters.



#### **GIS Mapping**

View map themes on background terim mapping.

Packaged (Test Package 1 :Loxfor Bridge Maintenance)	Loxford Bridge	Bridge	PI - 24/03/2014	24/03/2014	Spandrel wall/head wall	2C	Histo span at th bridg seep span
Reviewed (Prioritised)	Loxford Bridge	Bridge	PI - 24/03/2014	24/03/2014	Finishes: parapets/safety fences	28	Mino the V
Packaged (Example Package)	Loxford Bridge	Bridge	PI - 24/03/2014	24/03/2014	Handrail/parapets/sa fences	38	The i cond crack were West pfixe paraj
Reviewed (Prioritised)	Loxford Bridge	Bridge	PI - 24/03/2014	24/03/2014	Carriageway surfacing	3B	Local layer

#### Works Management

prioritised lists of are Build up and outstanding maintenance.

Asset Type	GRC	DRC	DRC as % of GRC	Accumulated Depreciation
Bridge	£18,265,461	£14,569,049	79.8%	£3,696,412
Culvert	£19,804,200	£8,322,916	42.0%	£11,481,284
Footbridge	£1,725,295	£1,140,237	66.1%	£585,059
Pedestrian Subway (or Underpass)	£2,043,480	£1,365,295	66.8%	£678,18
Retaining Wall	£556,340	£0	0.0%	£639,623
	£42.394.776	£25,397,498	59,9%	£17.080.56

# **Asset Valuation (CIPFA)**

Calculate Gross and Depreciated Track your progress with the Replacement Costs based upon the latest guidance.

Primary deck element (Table 2)	1A	1A																14
Secondary Deck Element	38	25																
Element from Table 3	38	28		38														
Foundations	1A	14									14	14			14			14
Abutments (inc arch springing)	28	28	28	28	28	28	28	28	20	2C	20	20	20	26	26	38	38	38
Pier/column	30	30																
Superstructure drainage	1A	14													28	20		20
Substructure drainage	30	24													14			14
Waterproofing	2C	20		26	26	28	28					14		1A				24
Movement/expansion joints	48	50		LA	1A	14		1A	1A	1A	1A	14		LA	28	28	28	20
Brighton Road	1A	14		LA					1A		28	28	28	25	28	20		20
Footway/verge/footbridge surfacing	1A	14		LA	1A	14	14	1A.	1A	1A	28	28	28	28	28	20	20	20
Invert/river bed	3C	30	x	30														
		641,097.2	00.03	00.03	00.03	00.03	00.03	00.03	00.03	00.03	6541,129	00.03	60.00	00.03	00.03	00.03	00.03	00.00

# Life Cycle Planning (SAMPt)

60-year deterioration models for structures based upon inspected elements in BridgeStation.

	Tier1	Financial	Structure		Final	Likelihood S					
	Status	Year	Type	Identifier	Consequence Score	Structure Condition	Substandard Structure	Flooding And Score			
	-		-								
Manual Override	Fail	2015	Bridge	868	65.81	40.00	64.00				
Manual Override	Fail	2015	Bridge	849	14.39	75.00	73.00				
Manual Override	Fail	2015	Bridge	850	14.39	10.00	73.00				
Manual Override	Pass	2015	Bridge	B58	25.25	40.00	17.00				
Manual											

# **Maintenance Prioritisation**

Prioritise maintenance schemes with the value for money process.

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# Hosted Service Details



#### **Cloud-Based Software**

BridgeStation is cloud-based software you access through your web browser. If you have an internet connection you can use BridgeStation.



#### **Backup and Redundancy**

BridgeStation's comprehensive backup and redundancy strategy keeps your data safe. Off-site data backup and real-time data replication are included.

		3		
Home	Knowledge Base	News	Tickets	Community
BridgeSta	tion Quick Start Guide	Uptime Status	Follow on Twitter	
earch	the Portal			

#### **Support Portal**

**User Groups** 

There's an online knowledge base and ticket system. Phone support is also included.



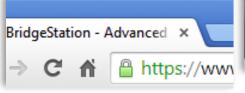
#### **Inclusive Hosted Service**

BridgeStation is offered as a hosted service. We host and maintain the software as well as the database for you.



#### **Inclusive Data Storage**

Subscribers are given an inclusive storage allocation that can be expanded as their usage grows.



#### **Secure Online Environment**

BridgeStation uses industrv standard encryption and firewall protection.



#### **Inclusive User Access**

Subscribers are given an inclusive user account allocation. Each user gets their own named account. Permissions and access can be individually tailored.



Bi-annual user group meetings

are held in the UK. Meet fellow

subscribers and keep up to date

# **Training Courses**

A BridgeStation trainer can attend your offices to deliver a tailored training programme. Hosted training is also offered as an alternative.

Developed for Bridge Engineers by Bridge Engineers



www.twitter.com/bridgestation enquiries@bridgestation.co.uk

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