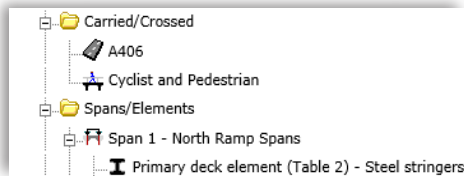




# BridgeStation

Advanced Bridge Management System

The complete asset management tool for bridges and highway structures



## Inventory Management

Centrally collate detailed information on your bridges and structures inventory.



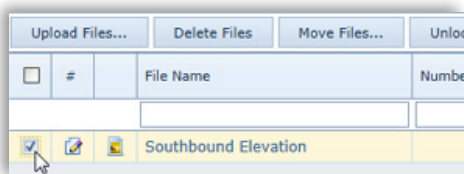
## Condition Reporting

Scores and indices are automatically calculated and reported back to you.

#	Tier 1 Status	Financial Year	Structure Type	Identifier	Final Consequence Score	Structure Condition	Substandard Structure	Flood Risk
Manual Override	Fail	2015	Bridge	B68	65.81	40.00	64.00	
Manual Override	Fail	2015	Bridge	B49	14.39	75.00	73.00	
Manual Override	Fail	2015	Bridge	B50	14.39	10.00	73.00	
Manual Override	Pass	2015	Bridge	B58	25.25	40.00	17.00	
Manual	Pass	2015	Culvert	C16	58.51	40.00	50.00	

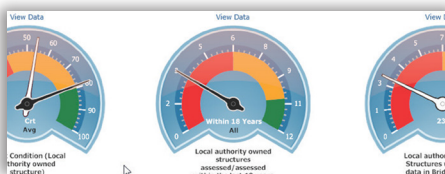
## Works Management

Build up prioritised lists of outstanding maintenance.



## Document Management

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



## Dashboards

Track your progress with the BridgeStation dials.

Valuation Results Summary				
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%	£678,185
Retaining Wall	£556,340	£0	0.0%	£539,623
	£42,394,776	£25,397,498	59.9%	£17,080,562

## Asset Valuation (CIPFA)

Calculate Gross and Depreciated Replacement Costs based upon the latest guidance.

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	Submitted
View Inspection	Authority B	Local Authority	GI	01/05/2017	01/05/2017	Rejected
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.

Report Menu			
Report ID	Report Name	Report Description	Publicly Available
32	Demo 1: Structure Details	All Structure Details	<input checked="" type="checkbox"/>
33	Demo 2: Inspection Results	All Inspection Results	<input checked="" type="checkbox"/>

## Reports Builder

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

Primary deck element (Table 2)	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N	1O	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z
Secondary Deck Element	2A	2B	2C	2D	2E	2F	2G	2H	2I	2J	2K	2L	2M	2N	2O	2P	2Q	2R	2S	2T	2U	2V	2W	2X	2Y	2Z
Element from Table 2	3A	3B	3C	3D	3E	3F	3G	3H	3I	3J	3K	3L	3M	3N	3O	3P	3Q	3R	3S	3T	3U	3V	3W	3X	3Y	3Z
Footbridge	4A	4B	4C	4D	4E	4F	4G	4H	4I	4J	4K	4L	4M	4N	4O	4P	4Q	4R	4S	4T	4U	4V	4W	4X	4Y	4Z
Abutments (incl. wing walls)	5A	5B	5C	5D	5E	5F	5G	5H	5I	5J	5K	5L	5M	5N	5O	5P	5Q	5R	5S	5T	5U	5V	5W	5X	5Y	5Z
Superstructure damage	6A	6B	6C	6D	6E	6F	6G	6H	6I	6J	6K	6L	6M	6N	6O	6P	6Q	6R	6S	6T	6U	6V	6W	6X	6Y	6Z
Retaining wall	7A	7B	7C	7D	7E	7F	7G	7H	7I	7J	7K	7L	7M	7N	7O	7P	7Q	7R	7S	7T	7U	7V	7W	7X	7Y	7Z
Bridge/roadway joint	8A	8B	8C	8D	8E	8F	8G	8H	8I	8J	8K	8L	8M	8N	8O	8P	8Q	8R	8S	8T	8U	8V	8W	8X	8Y	8Z
Bridge/roadway joint	9A	9B	9C	9D	9E	9F	9G	9H	9I	9J	9K	9L	9M	9N	9O	9P	9Q	9R	9S	9T	9U	9V	9W	9X	9Y	9Z
Bridge/roadway joint	10A	10B	10C	10D	10E	10F	10G	10H	10I	10J	10K	10L	10M	10N	10O	10P	10Q	10R	10S	10T	10U	10V	10W	10X	10Y	10Z
Bridge/roadway joint	11A	11B	11C	11D	11E	11F	11G	11H	11I	11J	11K	11L	11M	11N	11O	11P	11Q	11R	11S	11T	11U	11V	11W	11X	11Y	11Z
Bridge/roadway joint	12A	12B	12C	12D	12E	12F	12G	12H	12I	12J	12K	12L	12M	12N	12O	12P	12Q	12R	12S	12T	12U	12V	12W	12X	12Y	12Z
Bridge/roadway joint	13A	13B	13C	13D	13E	13F	13G	13H	13I	13J	13K	13L	13M	13N	13O	13P	13Q	13R	13S	13T	13U	13V	13W	13X	13Y	13Z
Bridge/roadway joint	14A	14B	14C	14D	14E	14F	14G	14H	14I	14J	14K	14L	14M	14N	14O	14P	14Q	14R	14S	14T	14U	14V	14W	14X	14Y	14Z
Bridge/roadway joint	15A	15B	15C	15D	15E	15F	15G	15H	15I	15J	15K	15L	15M	15N	15O	15P	15Q	15R	15S	15T	15U	15V	15W	15X	15Y	15Z
Bridge/roadway joint	16A	16B	16C	16D	16E	16F	16G	16H	16I	16J	16K	16L	16M	16N	16O	16P	16Q	16R	16S	16T	16U	16V	16W	16X	16Y	16Z
Bridge/roadway joint	17A	17B	17C	17D	17E	17F	17G	17H	17I	17J	17K	17L	17M	17N	17O	17P	17Q	17R	17S	17T	17U	17V	17W	17X	17Y	17Z
Bridge/roadway joint	18A	18B	18C	18D	18E	18F	18G	18H	18I	18J	18K	18L	18M	18N	18O	18P	18Q	18R	18S	18T	18U	18V	18W	18X	18Y	18Z
Bridge/roadway joint	19A	19B	19C	19D	19E	19F	19G	19H	19I	19J	19K	19L	19M	19N	19O	19P	19Q	19R	19S	19T	19U	19V	19W	19X	19Y	19Z
Bridge/roadway joint	20A	20B	20C	20D	20E	20F	20G	20H	20I	20J	20K	20L	20M	20N	20O	20P	20Q	20R	20S	20T	20U	20V	20W	20X	20Y	20Z

## Life Cycle Planning (SAMpt)

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

Current Load Capacity: 40 (t)			
Current Load Status: test Date: 18/02/2016			
Structural Reviews			
#	Date Of Review	Recommendation	New Assessment
1	24/02/2016	test	Yes

## Assessments

Manage structural reviews, interim measures.



## GIS Mapping

View map themes on background mapping.



# BridgeStation

Advanced Bridge Management System

## Hosted Service Details



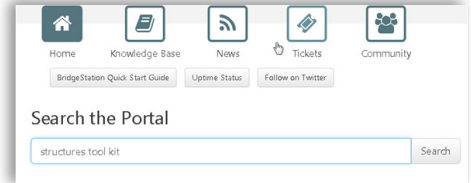
### Cloud-Based Software

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.



### Support Portal

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.



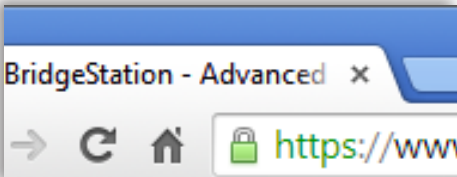
### Inclusive Data Storage

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



### User Groups

Bi-annual user group meetings are held in the UK. Meet fellow subscribers and keep up to date with the latest developments.



### Secure Online Environment

BridgeStation uses industry 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.



### 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

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