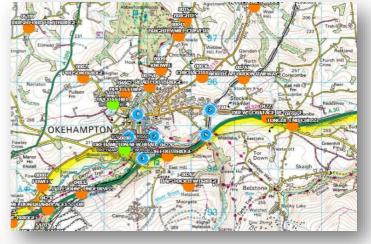


Web Structures Inspection (WSI)

Web Structures Inspection (WSI) is mobile inspection software allowing inspectors to undertake Principal, General, Demand & Condition Inspections on a wide range of structures including Bridges and Retaining Walls. All inspections are compliant with the County Surveyors Society (CSS) Inspection rules. Multi-span and/or multi construction form structures are easily accommodated, including the functionality to survey spans on different dates to accommodate traffic management demands. Additional Spans or Construction Forms can be added on site, updating the main WDM Structures Management System on completion.

WSI runs on multiple web browsers (Chrome, Firefox etc) allowing a wide range of devices to be used including tablets such as iPads, laptops or larger screen phones. This software is ideally suited for offline working, allowing inspectors to go off site. The large fonts and inbuilt keyboard make Web Structures Inspection specifically suitable for tablet Data Capture Devices. The structures to be surveyed are displayed against a digital map.

The structures to be surveyed are displayed against a digital map.



Last download Last uploaded	T HILL (04862) - General Inspection (13 February 2020) 61 II FEbruary 2020 at 0335 1 / Sparingentine		Web Devictives Inspection v1.0.0	11
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The Structure summary data is displayed pre and post survey, allowing the inspector to review and amend values including Inspectors and Engineers Comments. The span length, width and area are automatically populated from the WDM[®] Structures Management Database. Options are provided to transfer images between the Structures Management System and Web Structures Inspection providing the inspector with information at his fingertips.

Health & Safety Information held against the Structure in the main Structures Management System is also available to view in WSI. These attributes are totally user definable but typically consist of Hazard, Special Equipment Required and Minimum Number Personnel. This aids the employer in his role defining Safe working arrangements for lone workers.

iew health and safety	information. Effe online an important aufore aufore and the analysis of the an	€ Back
isplaying record 1 of	of 2	
Inspection Type	GENERAL INSPECTION	
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ue no Okehampton	Span: 1 - REINFORCED CONCRETE CULVERT	1 and the second
school of p	Inspection: May 19, 2015 - GENERAL INSPECTION	Romerjone Industrial Estate
Color till and the second seco	Element: SECONDARY DECK ELEMENT/S - FROM TABLE 3	Everer Road Bitter Road
Caststone + Castst		Cuterampto Maria A30

General Inspections may not be able to collect information on Elements inspected on a Principal inspection due to access limitations. In this case, WSI will prompt the inspector with the information on the element from the previous PI, including any photographs taken. In the case of multi span structures, WSI also allows the inspector to copy defects between spans.

Each Element set is displayed on a separate screen. The Defect and Severity of each element are set automatically based on their relationship. Comments can be held against each element. Where input is not possible from pick lists, an inbuilt keyboard is automatically displayed. To aid the inspector in assessing the rate of deterioration the previous survey information is displayed beneath the current survey.

Last cloar	DTT HILL (04862) - General In loaded: To Tehnary 2000 at 00:05 dec. 101 e broary 2000 at 09:05	Defect Selector - PRIMARY DECK ELEMENT (TABLE 2)		Web Structures regrettion v1 8 0-11
Span sele	rtion / Span inspection	Configuration Shortouts		
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	PRIMARY DECK ELEMENT (TABLE 2)	1 -1 CW (2 years)		
		Cost		
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0	THUNDARIENS	Outsides resolving 157		
10	SPANDRE, WALL/HEAD WALL	Will result to be checked at most importion.		
16	SUBSTRUCTURE ORAINAGE			
	WATTOTEX INC.	Show Text Templates	-	
10	MOVEMENT/EXPANSION JOINTS		_	
21	PRINTING PARAPETERSAFETY FENCES	Show Camera		
	TANDRAL/PRIMA ISSAEL IN TAND N	Primary Defect		
24	CARINGDWAY SUBFACING	*		
27	FOOTWON/VERSE/FOOTBRIDGE SURRIVING		_	
20	INV.RUXIV.R (0, 0	+ Done X G	anori	

Configuration Shortcuts	
No Defect	
Item	
01 - 1 Metalwork	
Theme	
022 Section Loss	
Problem	
022 Minor section loss (penetration less than 5% of section)	
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C - C MODERATE 5 - 20%	•
Work Required	
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L - LOW (2 years)	
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0.00	
Comments Characters remaining: 957	
Will need to be checked at next Inspection.	
Show Text Templates	
Show Camera	
Primary Defect ≆	
	+ Done X Cancel

Demand Inspections can be partial inspections of a Structure, often focused on a single failing element. If a BCI is calculated from these surveys it can skew the overall results. WSI can be configured to exclude certain inspection types (e.g. Demand, Monitor etc) from calculating Condition Scores.

WSI aids the engineer managing the inspection regime and monitoring requirements of Sub-standard Structures as defined in CS470 including highway bridges, retaining walls and other highway structures subject to carriageway loading.