

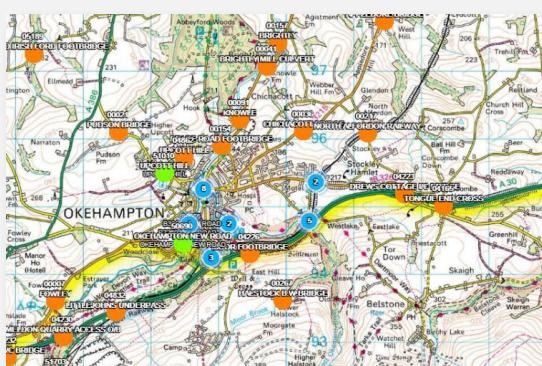


Web Structures Inspection (WSI)

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.

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UPCOTT HILL (04862) - General Inspection (13 February 2020)

Last downloaded: 11 February 2020 at 09:35
Last updated: 13 February 2020 at 09:35
General inspection | Edit inspection

Settings Admin Tools Help

1 - Reinforced Concrete Culvert: General Inspection

Show Unresolved Elements Copy defects for span Remove defects for span

Inspection date set: 13 May 2015, GENERAL INSPECTION

1 - REINFORCED CONCRETE CULVERT

Filter elements: No filter

| No. | Description | Primary Defect Details |
|-----|-------------------------------------|--|
| 1 | PIPELINE DRAIN (LUMINITE) (VALVE 2) | <input type="button"/> Work Plan <input type="button"/> Copy <input type="button"/> Add defect <input type="button"/> Copy defects |

Defect: 1 No Defects
Severity: 1 NO SIGNIFICANT DEFECTS
Risk: 1 NO SIGNIFICANT DEFECT
Work Plan: 1 QA
Cost: 0
Comments: Primary: Yes

Work Plan | Copy Add defect Copy defects

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 and Safety

View health and safety information. Edit online at: <https://www.wdm.co.uk/WSI/Structure/Details/View.aspx?RecordID=10100>

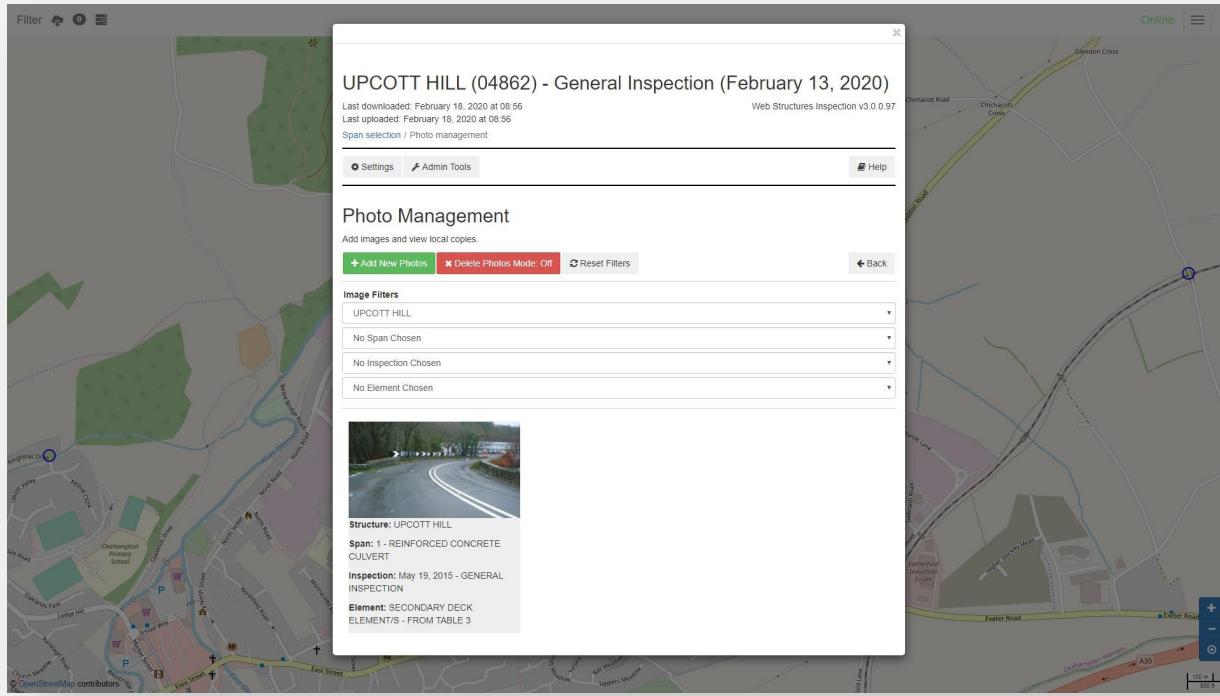
Displaying record 1 of 2

| Inspection Type | GENERAL INSPECTION |
|-------------------|---------------------|
| Hazard Type | Access |
| Reported By | Keith Denton |
| Reported Date | 13/02/2020 09:30:00 |
| Min Personnel | 2 |
| Spatial Equipment | Requires a lift |
| Comments | Car Flood |
| Is Confined Space | True |

Previous record Next record

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.





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.

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.

Defect Selector - PRIMARY DECK ELEMENT (TABLE 2)

Configuration Shortcuts
No Defect

Item: 01 - 1 Metalwork

Theme: 02 - Section Loss

Problem: 02 - 2 Minor section loss (penetration less than 5% of section)

Extent: C - C MODERATE 5 - 20%

Work Required: CK - Check at next insp.

Work Priority: L - LOW (2 years)

Cost: 0.00

Comments: Characters remaining: 957
Will need to be checked at next inspection.

Show Text Templates
Show Camera

Primary Defect:

+ Done Cancel

Configuration Shortcuts
No Defect

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Primary Defect:

+ Done Cancel

