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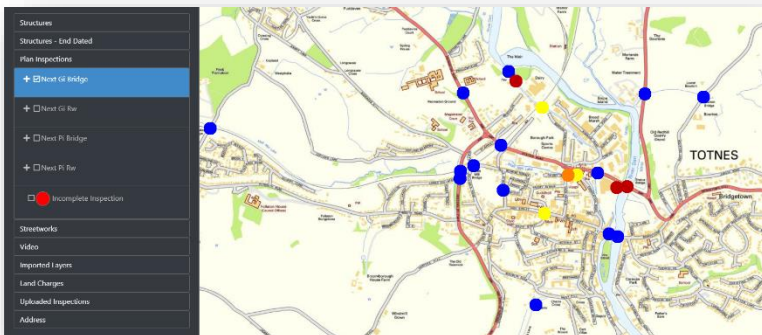
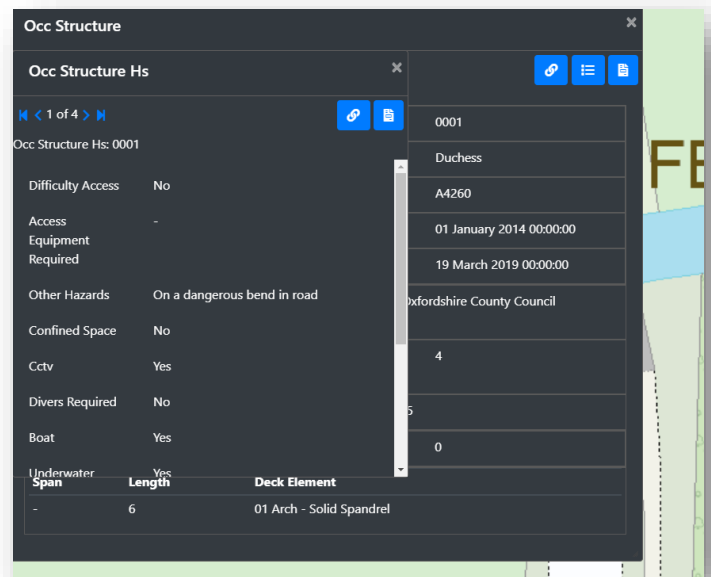
## Structures Management System (SMS)

The WDM® Structures Management System (SMS) provides a minimal risk solution, featuring a user defined asset base, enabling the user to define structure types, geometry and components of the structure. This allows the user to manage all structure types within the scope of BD 62/07 as-built and operational records for highway structures.

SMS can operate within an integrated WDM® Management System, to provide integration between structures & highways, or as a standalone module.

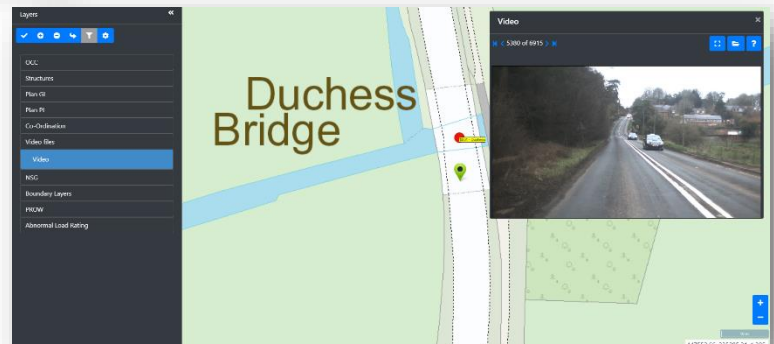
Users can locate the desired structure via WDM®'s standard GIS-based interface. Detailed structure information is then accessed and displayed on screen next to a mapping window. A gazetteer allows the user to manipulate the map to the precise location required, based on OSGR, place, road etc. Incorrectly located structures can be relocated using the same tools.

SMS provides a proven fully compliant CSS inspection module and automatically generates condition scores for individual structure elements & the structure on completion of an inspection.



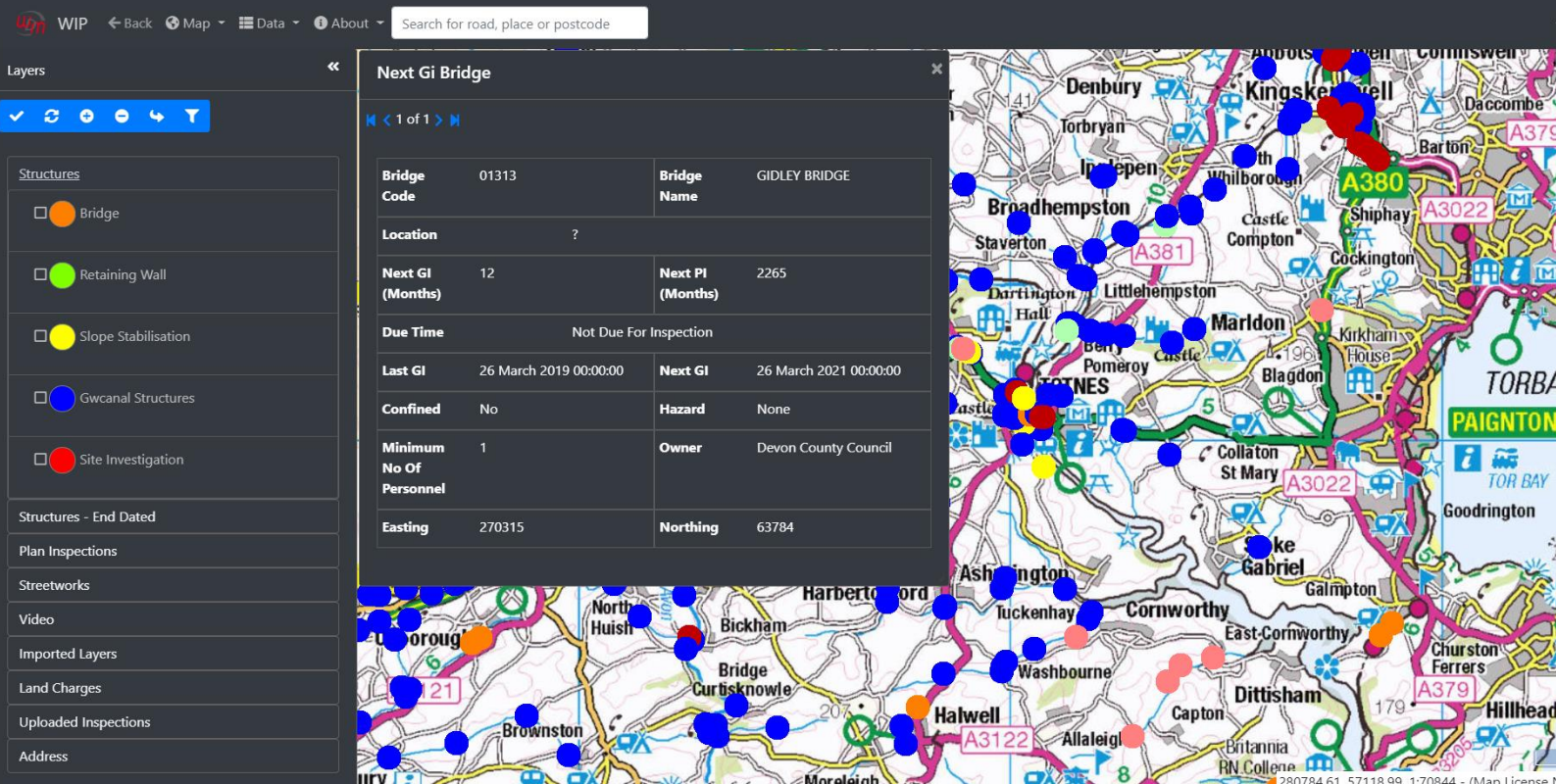
The Structure summary data is displayed pre and post survey, allowing the inspector to review and amend values including Inspectors and Engineers Comments. The span length, width and area are automatically populated from the WDM® Structures Management Database. Options are provided to transfer images between the Structures Management System and Web Structures Inspection providing the inspector with information at his fingertips.

Multiple documents may be stored against any asset & viewers are provided within the software, allowing documents to be viewed within the data window. In addition, the document can be opened in the relevant reader with a single click and a copy saved/exported, as well as support for sharing into or from Sharepoint.



W.D.M. Limited, North View, Staple Hill, Bristol BS16 4NX

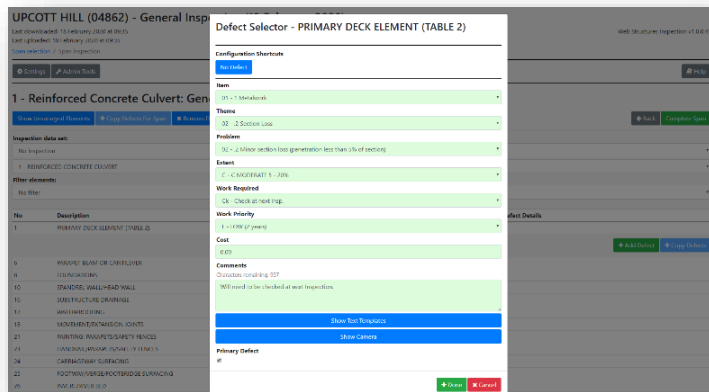
T: +44 (0)117 9567233 e: info@wdm.co.uk www.wdm.co.uk



The document system supports full auditing with user and data-time stamps stored in the database. The date-time stamping mechanism is particularly suitable to record the formal submission of Principle and General Inspection reports. SMS has proven functionality to manage, analyse and produce reports for abnormal load routing, including the retention of vehicle details.

Within the mapping software, a range of layers can be set up which can be used to help break down asset data, into an easy to read format. These layers can be used to colour code inspection frequencies, asset types and owner types - as the data changes, so will the layers. Data from WDM®'s other systems can be displayed using the layers within the SMS mapping, including but not limited to; StreetWorks, NSG & defects.

Due to the truly integrated nature of WDM®'s systems, it is possible for abnormal load engineers to see current works in progress on the highway network & utility companies to view structures causing special engineering difficulties.



**WDM® Structures Management System**  
Average Condition Indicator Report

This report shows the distribution of the Average Condition Indicator across a range of structures as of 06/03/2020 00:00:00. Any further criteria will be shown below.

Structure Count	Structure Code	Structure Name	Inspection Date	Version No	Banding	Average GI
1	0002	NEW ROAD RW	09/02/2017 00:00:00	1	88.00	
2	0003	MARINE PARADE RW	17/02/2019 00:00:00	1	90.00	
3	0008	HAROLD ROAD (SOUTH) RW	17/10/2016 00:00:00	1	91.00	
4	0009	TESCO'S RW	28/10/2019 10:02:00	1	82.00	
5	0010	PINEHURST ARUNDEL RD RW	30/01/2017 00:00:00	1	87.00	
6	0012	ST LEONARDS CHURCH RW	10/10/2019 13:06:00	1	67.00	
7	0013	NORTHERN RING ROAD RW	17/02/2017 00:00:00	1	94.00	
8	0014	FARLEY'S COTTAGE RW	13/01/2020 14:00:00	1	89.00	
9	0015	WALLESEND RD (NORTH) RW	05/08/2016 00:00:00	1	93.00	
10	0016	ROCKS COTTAGES RW	13/01/2020 14:00:00	1	93.00	
11	0017	HAROLD ROAD (NORTH) RW	13/10/2016 00:00:00	1	98.00	
12	0018	PILMER ROAD RW	21/04/2016 00:00:00	1	83.00	
13	0020	PRIORY HEIGHTS RW	30/01/2017 00:00:00	1	83.00	
14	0021	FULCHING ROAD RW	30/01/2019 00:00:00	1	78.00	
15	0023	NORTHDOWN ROAD RW	17/02/2017 00:00:00	1	93.00	
16	0026	WATCHBELL STREET RW	13/01/2020 14:00:00	1	79.00	
17	0028	STATION APPROACH RW	25/07/2016 00:00:00	1	92.00	
18	0030	WELLINGTON RD(NORTH) ST	30/03/2016 00:00:00	1	79.00	
19	0032	CHURCH LANE, MALLING RW	08/08/2019 00:00:00	1	79.00	
20	0034	MALLING ST DIVERSION RW	30/03/2016 00:00:00	1	87.00	
21	0036	BERESFORD RD RW	06/06/2016 00:00:00	1	94.00	
22	0036	RIDGEWOOD RW	11/10/2019 00:00:00	1	87.00	
23	0037	WESTWOOD ROAD RW	29/06/2016 00:00:00	1	96.00	
24	0038	STATION ROAD RW	21/04/2016 00:00:00	1	96.00	
25	0039	PARK ROAD DEPOT RW	10/10/2019 00:00:00	1	88.00	
26	0040	SOUTH STREET RW	28/10/2019 00:00:00	1	95.00	
27	0041	SOUTHERN RD (FLOWER) RW	10/07/2019 00:00:00	1	92.00	
28	0042	SCHOOL HILL RW	01/03/2017 00:00:00	1	92.00	
29	0043	OFFHAM ROAD RW	13/02/2017 00:00:00	1	85.00	
30	0044	HOOGE HOUSES SCHOOL RW	10/03/2016 00:00:00	1	85.00	
31	0046	MOUNT PLEASANT RW	28/10/2019 00:00:00	1	87.00	
32	0047	AMKURST CLOSE RW	08/10/2019 00:00:00	1	87.00	
33	0051	MALLING HILL RW	01/10/2019 00:00:00	1	87.00	
34	0052	HIGH BANK/OLD LONDON RD	09/10/2019 00:00:00	1	79.00	
35	0054	ASHLEY AVE (NO 5) RW	17/02/2020 14:52:35	1	94.00	
36	0055	BARLEY LANE RW	18/10/2016 00:00:00	1	87.00	
37	0062	CHESTERTON DRIVE/FARM CL	06/03/2017 00:00:00	1	94.00	

Average Condition Indicator Report Version 1.07 06/03/2020 Page 1 of 15

The ability to generate reports (in multiple formats) for viewing is available. Varying information can be showing including; condition score indicator, pro forma reports, work bank & job list reports, for example.

Along with the mapping & asset management software, mobile inspection software is available. Web Structure Inspection (WSI) runs on tablets & mobiles with a web browser, allowing inspectors to undertake General & Principal inspections while on site. WSI works offline - if signal drops out, inspections can still be carried out and uploaded when signal returns.