

Bridges and other highway structures are key elements of any road and rail transportation network. They represent a major investment of resources and play a vital role in the economy of the community they serve. It is therefore critical to ensure they are kept in safe and good working order at all times. AMX encompasses all the activities required to ensure these structures remain in service and do so in the most cost effective manner.

How AMX can help

With over 10 years' national and international experience with Highway Structure departments managing stocks of bridges, retaining walls and related assets, AMX has been designed to seamlessly accommodate the diversity in structural forms, prevailing local environments and national guidelines that Bridge Managers encounter.

▶ **CUSTOMISABLE INVENTORY:** A complete, element level, structure inventory together with inspection records underpin all the other stock management tasks. AMX caters for all your customisation needs to support your inspections, lifecycle planning and any other requirements specific to your operations.

▶ **INSPECTION PLANNING AND MANAGEMENT:** Highway structures vary in a multitude of ways and require inspections that are suitable to their type, material, age and also meet the specific requirement of each structure.

With a suite of pre-configured inspection pro-formas as well as the ability to generate your own specific forms, AMX supports all your structural Inspection requirements, including General, Principal, Special and Scour inspections. Condition Scoring tools are fully incorporated to auto-calculate scores based on element inspection records, to meet national requirements.

▶ **IN-BUILT DEFECT LIBRARY:** With an integrated and customisable defect library in AMX, including images and descriptions, you can promote and monitor consistency in inspection data across all inspectors, and produce reliable stock performance analysis reports.

▶ **LIFECYCLE PLANNING TOOL:** Including unlimited deterioration modelling and reporting to meet national standards and accounting requirements. Compare multiple management strategies in a single powerful planning tool to calculate the most cost effective programme of works to meet budget constraints and service level targets.



“The AMX team really took the time to listen to our needs and processes and ensure that the software would deliver all that we needed with minimal disruption. Its ease of use and scalability ensures it will continue to deliver and grow.”

Andrew Wadsworth, Norfolk County Council Highway Bridges Team

▶ **ON-SITE WORKING:** Use AMX Mobile for quick and efficient on-site inspection and maintenance completion, wherever your teams are. Using handheld devices, users can record their work, adding images, GPS locations and defect details quickly and accurately for immediate upload to the office, all on a user-friendly customisable interface.

▶ **CONSULTANT AND CONTRACTOR INTERFACE:** With the permission based system access, your Contractors and Consultants can safely work on your database only seeing data and records relevant to their work. Using the mobile version of AMX, Contractors can complete inspections and maintenance work, instantly uploading results and findings to your system.

▶ **IMAGE MARK-UP:** Capture images and add markers and notes to pinpoint defects in-situ using GPS and integrated GIS for location. A complete pictorial record for all defects on individual assets provides an audit history and assists in strategy planning.



BENEFITS

- Comprehensive and customisable asset records
- Inspection management
- Works management
- Financial planning
- Maintenance optimisation
- Reporting tools
- GIS
- Integration with existing solutions
- Document management
- User support
- Mobile technology
- Lifecycle planning

WHO'S USING IT?

Local Authorities
Government Bodies
Engineering Contractors
Consultants

To arrange a demonstration of AMX and find out how it can benefit your department, contact us on 0333 456 0768 or email info@amxsolutions.co.uk.