

East End Crossing, USA – a consortia CMMS success story



Background

The consortium between Walsh Investors LLC, Vinci Concessions and Bilfinger Project Investments was to design, build, finance and then operate the Lewis Clark Bridge – also known as the East End Crossing – over the Ohio river from Indiana to Kentucky. The project is commissioned by the Indiana Finance Authority (IFA) who oversee the management of the project on behalf of the Indiana DOT (INDOT) and the Kentucky Transportation Cabinet (KYTC).

The cable-stay bridge opened in December 2016 and the contract covers seven miles of carriageway and over 900 associated assets including, footpaths, drainage, walls, fences, vegetation, lighting, signs and road markings.

After 18 months of operation, the team were still struggling to achieve compliance with a different computerised maintenance management system, so with time tight, they needed to look at options to replace this system and gain approval as quickly as possible.

Working closely with the Project team, AMX was approved as meeting the client requirements within just 8 weeks of proposal.

“AMX is user friendly, customisable and all in one source. AMX has replaced our previous admin burden and justified our decision to switch systems despite the cost implications. AMX proves to be much better value over the contract period and reinforces our commitment to ensuring the continued success of the project.”

**Joe Meyn, Walsh Infrastructure Management (Project Manager)
WVB (Operations Manager)**

How AMX is used?

Some of the key functionality that was required to support compliance were:

- Full Stock and Material Control, including ordering and assignment
- Winter Maintenance programming
- Defect Timeliness management to meet stringent response times
- Customer Web Access for reporting and inspection
- Vehicle Management
- Tracking un-availability for lane closures
- Tracking all work hours against assets and actions

There are 10 users of AMX currently working on the web, desktop and mobile applications to manage construction, inspections and maintenance, with one dedicated super-user managing the administration. One customer, INDOT, has controlled access to AMX Web to see dashboard reports relating specifically to their own assets and record details of their Quality Inspections.

The Benefits

Using AMX, the project team can track defects and using map polygon selection tools, schedule maintenance responses efficiently, ensuring they have all the right staff, resources and equipment.

With AMX Mobile the project team has also significantly improved efficiency in time and costs on the day-to-day operation of the project, spending more time doing the work rather than on administration.

The system provides one single source for all data, and with the simple reporting tools, the time taken to produce the quarterly reports required by the Customer has been reduced by 88%, with further improvements on the horizon. Access to this quality data is helping to support better decision making.

AMX has enhanced the trust between clients (IFA) and Contractor, where some KPIs were falling short in the previous system, the implementation and output of data from AMX now enables WVB to present a much clearer picture of its operations to meet performance-based targets in an accurate and timely manner. There is now increased confidence in the team's delivery of the contract.

Reflections

The AMX support has been excellent with communication between the teams involved being smooth and easy throughout the process. Having a nominated account manager from the outset has helped to keep the project on time and manage any potential sticking points before they become an issue.



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