

SITE DASHBOARD

Client	Network Rail
Team	Murphy, Clicks and Links
Sector	Rail
Project start	September 2018
Project end	April 2019
Value	N/A
Date	16/04/19
Author	Karen Scott
Innovation Reference	SI-00075

PROJECT OUTLINE

Hindley Platform Extensions is part of a package of works to carry out detailed design to extend the platforms at 7 North West Stations. Works include de-veg, installation of foundations and riser walls, plus lighting columns, block paving and fencing.

TESTIMONY

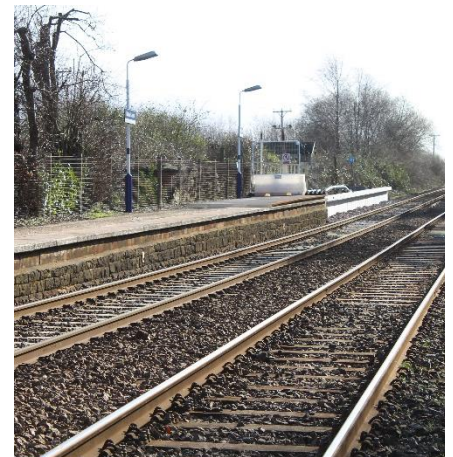
“This project is providing a template for the way in which up-to-date information can be made available on a site through use of visualisation technologies.”

- Vin Sumner
Clicks and Links Ltd

KEY CHALLENGES

With constantly changing conditions and risks on site, the challenge is how to ensure all site personnel are kept up to date with the latest necessary information and bulletins.

Site inductions are usually carried out using a flip chart method, which can be lengthy and relies on the person giving the induction to hold the interest of those being inducted. Vital site and safety information could be missed.



SOLUTION / INNOVATION

The Platform Extensions site at Hindley is trialling a system for the provision of dynamic and relevant site information in the form of a both “site dashboard” and an accompanying induction video.

The dashboard can be tailored to provide whatever information the Site Manager wishes to make easily available to the site team, such as:

- Safety bulletins
- Weather warnings
- Essential site information

These can be altered as and when required, keeping the information current. [Link here to see a video of it in action.](#)

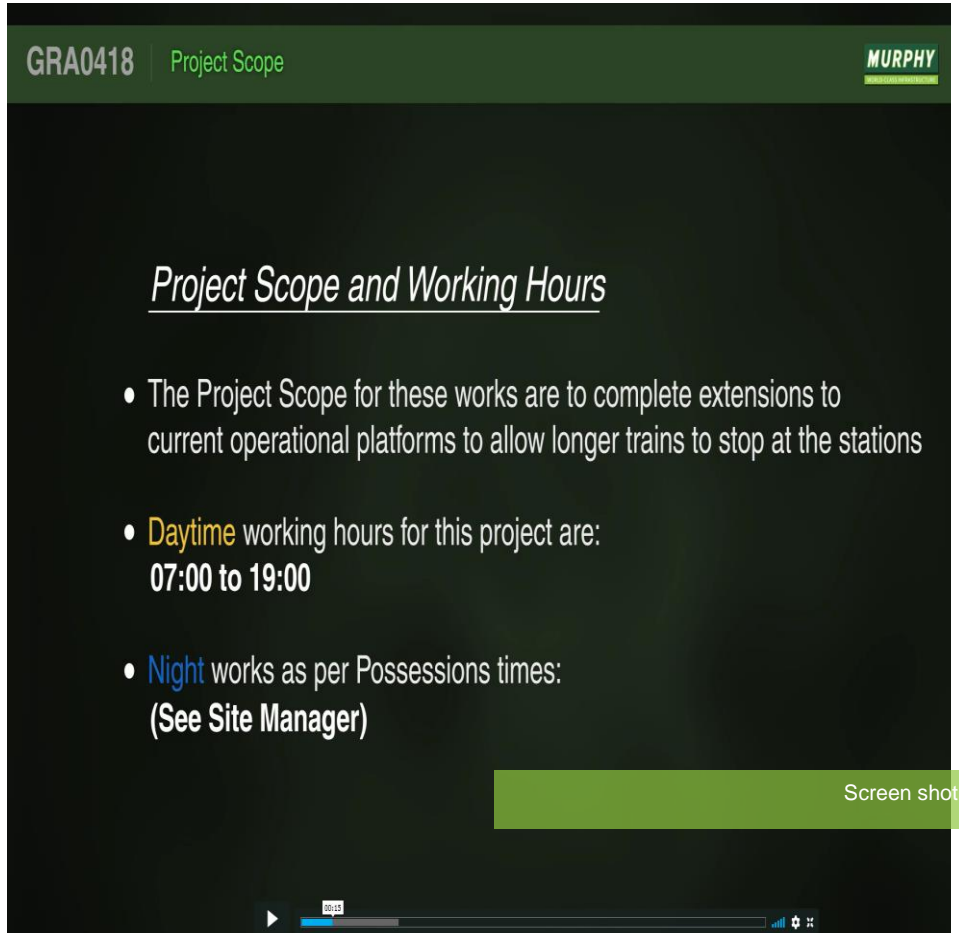
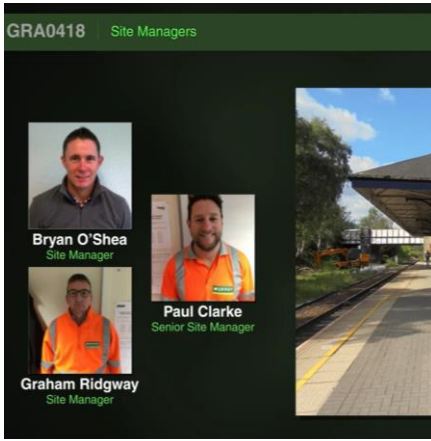
KEY BENEFITS

- Time saving
- Ensures no key information is missed (removing human error)
- Keeps the information current and up to date
- Can be tailored to suit whatever information is required
- Suitable for use on all sites

COSTS / SAVINGS / ROI

The induction video and site dashboard cost £3,500 to produce, and was created and managed by Clicks and Links.

The video took approximately two weeks to produce – one week for design and storyboarding, and one week for actual production.



IDEA ORIGINATOR

[Richard Smith](#), Project Manager, has worked at Murphy for over 12 years in the Rail Sector, and has a wealth of experience of managing a site. He has implemented this solution after seeing a similar project implemented elsewhere in the rail sector.

[Vin Sumner](#) (Founder, C&L) and [Michael King](#) (Project Manager, C&L) have supported the site teams with familiarisation, storyboarding and induction storyboarding.

The modelling, rendering, design and videography has been completed by [Nick Atherton](#) (Artist, C&L), and managed by [Andy Kearney](#) (Studio Manager, C&L)

CHAMPIONS

[Richard Smith](#) wanted to bring the site induction process and how information is delivered to site into the 21st century. Richard contacted 'Clicks and Links' and with help from [Karen Scott](#), Rail Team Organiser, is collaborating with them to refine the system that is currently being trialled at the Hindley Site.

FEEDBACK

Feedback from the site operatives is that the system provides a more visually stimulating briefing and is a 'one stop shop' for all important site information without the need for leafing through paperwork.

FUTURE OPPORTUNITY

In the opinion of those who have witnessed it, including members of the Murphy family as well as board members, this is absolutely the way that Murphy is heading when it comes to ensuring the health and wellbeing of our staff.

There are further opportunities available to address the benefits that a digitized video induction brings, including investigation into:

- Time saving – can we free up an inductor and allow them to carry out more valuable work?
- Knowledge retention – just how much of an impact does this make on the level and detail of information that is retained by staff?
- Safety implications – does an increase in knowledge retention have a positive impact on our safety performance?
- Process improvements – can we safely and effectively induct those on our sites before they arrive?

