



LX Sharing

News

Thursday 17th May 2018

National Level Crossing Programme Management Office (NLX PMO)

Quarterly Newsletter - Q1 2018/2019 (April)



Reducing Carbon Footprint

A document is now available on the Safety and Sustainable Development (S&SD) page of the Level Crossing Knowledge Hub to provide a high-level overview of how the carbon footprint of a level crossing project can be measured and areas to consider during construction which could reduce the carbon dioxide (CO₂) emissions and therefore carbon footprint.

Asbestos

A new suite of Asbestos Guides have been issued to provide guidance and advice on asbestos issues, including those in relation to Signalling Equipment, Signalling Centres, Signal Boxes, Relocatable Equipment Rooms and Relay Rooms. They can be found here: <https://safety.networkrail.co.uk/safety/asbestos-awareness/asbestos-guidance-notes/> Note that the guides should not be used as a replacement for the surveys found on the Asbestos Risk Management System (ARMS) - <https://arms.networkrail.co.uk/>.

The NLX PMO now has a page on Safety Central, including a link to the Level Crossing Knowledge Hub and LX Sharing publications which will be accessible to all involved in level crossing projects.



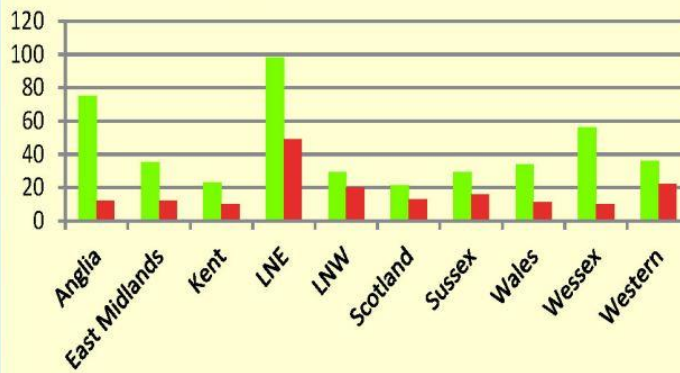
The Cambridge Area Interlocking Renewals Project are installing energy efficient Light Emitting Diode (LED) luminaires at 3 level crossings (Sawston, Chesterton and Shepreth).

LED Lighting

They produce a whiter light which improves the Closed-Circuit Television (CCTV) picture quality and provides better colour rendering. They also utilise multiple LEDs, which are not subject to degradation and lamp failure in the same manner as high pressure sodium and metal halide lamps.

The project challenged standards to reduce the specified lux levels as experience from the first installation showed that a level of 40 lux was causing glare/contrast/brightness issues on the CCTV picture and to road users (i.e. the illumination was too bright).

Current Volumes



The current forecast level crossing renewal volumes in Control Period 5 (CP5) is 175 versus the CP5 Delivery Plan forecast of 436.

CP5 Delivery Plan

Current Forecast

2017/2018 - A Year In Review

17

LX Sharing
Bulletins Issued

200+

New LX Sharing
Subscribers

~1

Support Requests
Per Day

1.4 Days

Average Support
Response Time

1000+

LX Knowledge
Hub Users

3

IP LX Knowledge
Sharing WebEx

10

New Innovations
Led/Supported

2nd

Level Crossing
Innovation Day

Volunteering



The NLX PMO arranged a Volunteering Day in conjunction with the National Trust which was attended by 14 colleagues from across Infrastructure Projects (IP).

The day involved cleaning a beach and replacing step boards at Hayburn Wyke between Scarborough and Whitby.



Infrastructure Projects (IP)
**Level Crossing
Knowledge Sharing**



The next **WebEx** is on:
Wednesday 4th July 2018
For details, please contact:
nlxpmo@networkrail.co.uk

Panasonic **Anderton** **RIVAL** **NetworkRail** **HYDRO**
Solutions in Concrete

The 3rd Level Crossing Innovation Day will be held on Tuesday 26th June 2018

PRS **SCHWEIZER ELECTRONIC** **HR Kilns** **wcciv** **BOSCH**
Reliability inside **ALCAD** **Arentis** **NAL** **SIGNAL HOUSE GROUP LIMITED** **STRAIL** **marlec**
Invented for life
renewable power

10am to 3pm (drop-in) – York Workforce Development Centre – All welcome

UNIPART GROUP **Rosehill Rail** **POLYSAFE™**

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LX Sharing

Awareness

**Good
Practice**

Learning

News

Targeted awareness, good practice, learning and news for those involved in level crossing delivery

Issued by the National Level Crossing Programme Management Office (NLX PMO)
Email: NLXPMO@networkrail.co.uk

Visit the Level Crossing Knowledge Hub: <http://oc.hiav.networkrail.co.uk/sites/nlx>