

Avoiding Underground Services Campaign April 2017

The health and safety hub team has developed a series of quarterly campaigns highlighting fatal risks on Highways England construction and maintenance sites. The campaigns are aimed at teams designing, managing and carrying out tasks facing these risks. The campaigns support the Highways England Health & Safety 5 Year Plan Action 60 'Managing High Risk Activities'. The first in the series covers avoiding underground services. Service strikes represent a serious risk to life and each month a significant number are being reported. To raise awareness of the hazards of underground services we are launching the "In Too Deep" campaign. We expect our partners to take part and launch the campaign in early April 2017 with a safety briefing which includes a film based on a real event and is aimed at all site employees and delivery partners.

The campaign will continue through a 3 month period broken down into the following topic areas:

Month 1, April – Design and planning of works

Month 2, May – Locating and identifying buried services

Month 3, June – Safe excavation including permits, controls, monitoring and review

Throughout the campaign we aim to provide good practice, share knowledge and lessons learned from real life case studies and finally we will review Raising the Bar 9 – Underground Service Avoidance. It is important that we examine how we design and plan our work and the procedures we have in place to prevent service strikes when we excavate. It is recognised that people and what influences them to behave in certain ways on site are also key to controlling risks. This campaign is designed to get people to stop and look at what they do and how they do it before just going ahead to "get the job done".

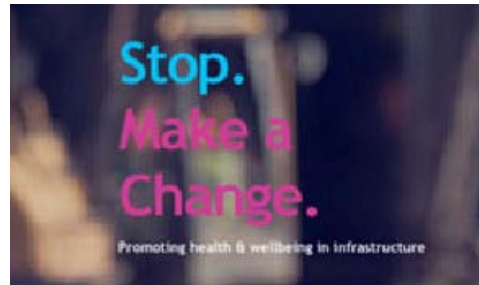
Most importantly we want to speak to those who do the work as they will have valuable ideas to contribute in making working around services safer. The campaign materials can be accessed here (please use Firefox browser on Highways England PC's); <http://www.highwaysafetyhub.com/buried-services-2017.html>



We appreciate your support in this initiative.

STOP Make a Change - Update

Stop. Make a Change. Will see sites, offices and manufacturing facilities stop work from 10am until noon on 18th April, to allow staff, workforce and suppliers to take time to discuss some of the health and wellbeing challenges we face as a sector and how they can be overcome. The Stop. Make a Change website has now been updated with copies of template presentations, posters and other resources that may be useful as you make your preparations for the event.



Further information can be found at: www.stopmakeachange.co.uk/resources.html

Managing temporary traffic management incursions

We now have a dedicated traffic management incursions working group page. You will find information about the project, guidance and the latest data received from delivery partners. <http://www.highwaysafetyhub.com/traffic-management-incursions.html>

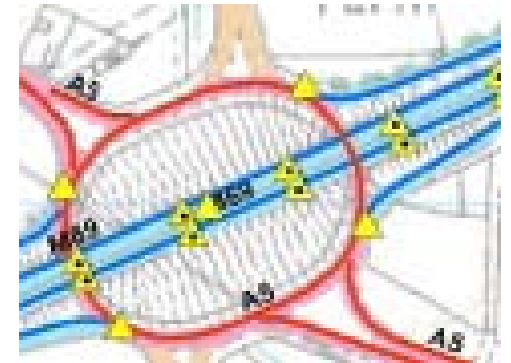


Underground services asset information project

A project led by Ben Ridgeon is being carried out to investigate how underground services information could be better shared to improve safety and create efficiencies.

The project will investigate how high level utility information and scheme location information could be integrated into the Highways England national geographical system HAGIS or ArcGIS Online. It will also define a common data environment (CDE) in which all scheme data can be collated and shared by Highways England, the supply chain and the statutory undertakers (SUs).

This would include any investigatory work to determine the location of buried apparatus could be shared with all via the CDE.



Highways England alerts

hei05: fall from height safety alert

This and previous alerts can be found at: <http://www.highwaysafetyhub.com/alerts.html>

highways england

Fall from Recovery Vehicle March 2017

Recovering Members of the Public from the Highway.

On one of our Smart Motorways Schemes, a member of the public (MCP) suffered a serious injury after falling from a recovery vehicle cab whilst trying to climb out.

The injured person had broken down on the carriageway and had been recovered by our Vehicle Recovery Operator and taken to their recovery yard.

The Recovery Driver, as per procedure, advised the MCP to wait in the cab until he had unloaded their car from the recovery vehicle and that he would assist the MCP from the cab once he had finished unloading.

It would appear that despite being advised to remain in the cab and the written warnings displayed in the cab, the MCP attempted to alight the vehicle and fell some 1.5m, breaking their hip.

The investigation identified the MCP was attempting to exit the vehicle facing forwards rather than backwards that would have enable them to use the handrails and in doing so lost their footing and fell.

Action Required

Members of the public may not understand immediately what they are being advised, especially if they are disorientated from breaking down. It is essential that:

- Confirmation is given that they understand they must not alight from recovery cabs without the recovery driver supporting them.
- Passenger doors should be secured until the recovery driver is in a place to support the member of the public.
- Lighting
- Passengers alight "backwards" from the cabs, utilising any grab handles or aids, as directed by the recovery driver.
- As soon as possible, members of the public should be taken to the recovery waiting room, as a place of safety, where they should be done before the vehicle is removed from the recovery track.

Further Information:
For further information please contact:
Chris Morgan email: Chris.Morgan@highwaysengland.co.uk

HE 05

BSI issue - Code of practice on safety barriers for workplace traffic

Each year around 50 people are killed, and many more are seriously injured in workplace transport incidents. BSI has published PAS 13:2017 Code of practice for safety barriers used in traffic management within workplace environments with test methods for safety barrier impact resilience.

This PAS gives recommendations on the dimensions, positions and impact resilience of workplace safety barriers and guidance on how to manage the risks associated with workplace vehicles. It also specifies the criteria for testing the impact resilience of a barrier.

People plant interface dramatically increases the risk of potential accidents therefore the

People plant proximity braking system innovation

JCB are launching a brand new safety system for their wheel loaders to help reduce the risk of on-site collisions between people and plant.

The Proximity Braking System has been developed in collaboration with FCC Environment (UK). The system automatically sounds an alarm in the cab and applies the vehicle's brakes if a person enters a pre-set exclusion zone around the machine.

PAS should be used wherever there's a risk of collision between vehicles, plant or machinery. Further information can be found at: <http://pages.bsigroup.com/e/35972/en-GB-/r458vn/437268627>



At the same time, the system automatically puts the vehicle into neutral, applies the parking brake and alerts the pedestrian via a transponder attached to their safety helmet.

The new system is being launched as an option on JCB's flagship wheel loader, the 19-tonne JCB 457, with plans to roll out the feature across the rest of JCB's wheel loader range.

Further information can be found at: <https://www.jcb.com/en-gb/about/news/2017/02/on-site-safety-taken-to-new-levels-with-launch-of-new-system>

Health and safety toolkit good practice examples

As part of the reference materials and the safety toolkit held on the Safety Hub web page there are excess of 250 case studies with a recent addition of 14 new examples identifying good practices, innovations and ideas which contribute positively to health and safety. These ideas include items already being put into practice on the Highways England network, as well as those which could potentially be transferred and implemented by others. New ideas are welcomed to assist in our journey to improving health, safety and wellbeing of "our people" and any ideas should be submitted on the template document held within the webpage.

Submitted ideas should be original and supported by a relevant highways based case study displaying clear benefits (NOT just supplier marketing material)

Further information, case studies and the idea submission form can be found at: <http://www.highwaysafetyhub.com/hs-toolkit-good-practice-examples.html>



Send your best practice, alerts and news to philip.farrar@highwaysengland.co.uk

Delivery Partner Collaboration – 5 year plan action no 61 - Fatigue

To promote the implementation of the 5 year plan's - action 61 and interim advice notes 189 and 190, delivery partners Balfour Beatty, Kier, Skanska, Bam Nuttall, Costain, Taylor Woodrow and Carillion have formed a working group to enable collaboration to be maximised and a minimum cross industry standard for the management of fatigue risk to be identified. The "Highways Fatigue Management plan" which is supported by the identified delivery partners enables a consistent accepted standard for all tiers of contractors, will avoid duplicate document requirements for the different delivery partners, enable compliance with the working time regulations and current applicable sections of Ian's 189 and 190. The document contains useful information and accompanying standardised templates including:-

- Proposed time sheet records
- Extension of working hours risk assessments templates
- Authorisation to work excessive hour's templates
- Model work activity flow charts

The plan has been issued without any logo's to enable adoption and rebranding by contractors for their own use, ready for implementation from 1st April 2017. Updates will be completed as and when changes are identified in the relevant interim advice notes.

Further information and a copy of the template can be found at:

http://www.highwaysafetyhub.com/uploads/5/1/2/9/51294565/fatigue_management_plan_highways_england_rev_01.docx

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Noise-induced hearing damage video and training material released

HONEYWELL, specialists in industrial safety products and solutions, have created a new video – 'Take Care of Your Hearing' – to raise awareness of the life-changing consequences of hearing damage.

The video and accompanying presentations, posters and articles has been developed to ensure those at risk from hearing damage can be afforded effective hearing protection and adequate training in the workplace.

Noise-induced hearing loss (NIHL) is the most common permanent injury and, being irreparable and irreversible, can dramatically affect a person's quality of life. The video 'Take Care of Your Hearing' explains how exposure to one extremely high-impulse sound can result in permanently reduced hearing ability and tinnitus.

The video follows a metal worker who is exposed to a life-changing incident and underlines the importance of effective training in hearing protection.

The video can be found at:

https://www.youtube.com/watch?v=U_GiETcqljA

