

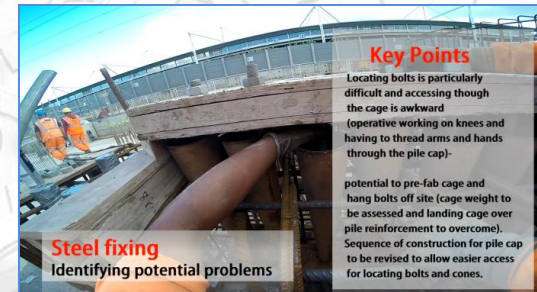
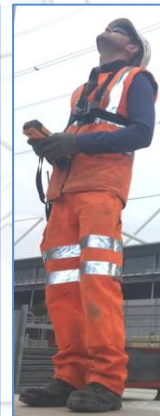
# Crossrail Custom House C520

## First Person View Safety Initiatives

Custom House project is currently trialling GoPro action camera's on site! Safely harnessed to operatives, these robust HD cameras provide a unique 'first person' perspective of the works

After the shift, video footage is critically analysed by Laing O'Rourke safety managers and site team to seek improvements in design and construction methodologies for the purpose of reducing any safety risks, not for asserting blame.

Once the video have been analysed the key points are superimposed on to the video at each stage and presented to the workforce as a toolbox talks. Feedback has been positive and concept received well



GoPro Sample Video **Password : gopro**

QR stands for Quick Response Codes.

They are a type of bar code which can store Web addresses (URLs). If you install a QR code reader application on your mobile phone you will be able to take a picture of the code which will automatically link your phone to the web page.

<https://vimeo.com/107643032>

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**Supplier/ Product used:** www.gopro.com  
**Innovation Reference:** INV000XXX



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## First Person View Safety Initiatives



### Cost of Implementation & Selection of Equipment

- The GoPro is a well established robust video camera suited to construction environments with readily available accessories
- Small and unobtrusive for the operatives wearing it with high quality video outputs



• Camera cost range	£180- £300
• Mounting accessory	£35

### Learning Outcomes / Lessons Learnt

- Identifying efficiency and safer method of construction.
- Analysing tools and equipment used by workforce
- Identifying unforeseen hazards in the working area
- Identifying operatives working positions relative to hazardous construction operations especially lifting operations
- Go pro analysed videos would be issued to designers/CDM coordinators to identify future developments where potential safety issues could be designed out
- Future initiatives would be placing the cameras on plant and equipment to identify hazards when manoeuvring around site

### Future Initiatives

- Detail analysing of pre-cast installation
- Filming of different types of trade
- Placing camera on plant and equipment to identify hazard when manoeuvring around site

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