National Highways Principal Designer Working Group Meeting No.25

Thursday, 27th January 2022 9.15 am – 12.30 pm. (Teams Call)

| Name | Initials | Position | Organisation |
|-------------------------|----------|--|------------------------------|
| Richard Wilson (Chair) | RW | H&S Director C&P | National Highways |
| Doug Potter (Secretary) | DP | TA HSW Lead - Principal Designer Manager | Arcadis |
| Nina Warminger | NW | H&S Manager SWAD | National Highways |
| Mark Lamport | MLa | Technical Director / Principal Designer Manager | Arcadis |
| Pav Singh | PSi | Technical Director / Principal Designer Manager | Arcadis |
| Tim Bowes | ТВ | Principal Designer Manager | Atkins |
| Darren Allen | DA | | Tellent |
| Paul Brown | PB | Technical Manager | WSP Group |
| Roger Swainston | RS | PD / CDM Advisor | Jacobs |
| Mike Boyland | MB | Project Manager | National Highways |
| Fim Goddard | TG | Principal Designer Manager | Arcadis |
| Foria Thomas | TT | Principal Designer | Arup |
| Sulagna Ghosh | SG | Ass. H&S Rep Leeds | WSP Group |
| Abbey Featherstone | AF | Technical Lead | Connect+ |
| Patrick McNulty | PM | BIM Lead LTC | Arcadis |
| Mark Lawton | MLo | Head of Engineering Surveying and GIS | Skanska |
| Ali Chaudry | AC | Principal Designer | Galliford Try |
| Sam Allin | SA | CDM Manager | LTC |
| Adrian Shawcross | AS | Rail Associate | Ramboll |
| Clare Brown | СВ | Safety Lead | Link Connex (Bam Nuttall) |
| Fony Lewis | TL | P Designer Man. YNE | Costain |
| Dave Olorenshaw | DO | Area Manager | Keir |

| Liz Brathwaite | LBr | H&S Lead | Skanska |
|-------------------|-----|-----------------------------|-------------------|
| Jon Webster | JWe | Safety Lead | Kier |
| Craig Simmonds | CS | Managing Director | Macleod Simmonds |
| Elliot Galvin | EG | | Mott Macdonald |
| Jim Gallagher | JG | Prin Struct. Advisor (SES) | National Highways |
| Steve Haviland | SH | Partnership Lead | Farrans |
| Simon Wilkinson | SWi | Technical Director | AECOM |
| Jack Boom | JB | | |
| David Riley | DR | H&S Business Partner | Amey |
| Oliver McMann | OM | | Atkins |
| Liam Burns | LB | | National Highways |
| Robert Butcher | RB | Technical Director CDM | Jacobs |
| Beverley Mears | BM | | |
| Elizabeth Bennett | EB | Director | Safety in Design |
| Andrew Finch | AF | Director of Operations | Jacobs |
| Ed French | EF | Principal Designer Manager | Arcadis |
| Katie Harman | KH | YNE Safety Lead | National Highways |
| Martin Partington | MP | Principal Engineering Man. | Jacobs |
| Philip Farrar | PF | Highways Safety Hub Website | Galliford Try |
| Robert Legg | RL | Highways Safety Co. | Motts |
| Saskia Lear | SL | Principal Designer Manager | Arup |
| Terry Meadows | ТМ | Safety Lead | Kier |
| Helen Richardson | HR | NH Regional Lead | National Highways |
| Steve Willoughby | SW | Technical Director | Pell Frischmann |
| Steve Yates | SY | PD / CDM Advisor | Jacobs |
| Guests: | | | 1 |
| Nicola Tweedie | NT | SA – Road User Safety | National Highways |
| Tanya Morris | ТМ | Business Dev. Director | Reference Point |
| Holger Kessler | НК | NUAR Lead | Government Office |
| Lee Williams | LW | NUAR | Atkins |

| Karl Hinds | КН | Project Manager (TTM Design) | H.W. Martin |
|---------------------|-----|---|----------------------|
| Alistair Cooper | AC | Senior Psychologist | FUTRAN (TRL) |
| Apologies: | | 1 | 1 |
| Paul Boddy | PB | Director | Interserve |
| Stephanie Goldsmith | SG | Senior H&S Advisor | Skanska Infrastr. |
| Katie Swanick | KS | Contracts Manager | Motts |
| Aimee Blay | AB | Design Manager | Galliford Try |
| Thomas Merry | ТМ | H&S Lead | National Highways |
| Ronan Finch | RF | Principal Designer | WSP |
| Shaun Pidcock | SP | Director LTC | National Highways |
| Paul Claydon | PC | H&S Manager | WSP Group |
| Phil Samms | PS | Engineering Man. (Area 3) | Kier |
| Kevin Morgan | KM | PD / CDM Advisor | Jacobs |
| Mark Riordan | MoR | Principal Engineering Man. | Amey |
| Paul Wilkins | PW | Ass. Tec. Director Structures | Arcadis |
| Dave Townsend | DT | H&S Team Standards | National Highways |
| Jon Horrill | JH | Principal Designer / H & S | WSP Group |
| John Migoski | JM | Technical Manager | Network Rail |
| Suryakant Patel | SP | Principal Designer Manager | Costain |
| Chris Gee | CGe | Head of Utility Diversions | National Highways |
| Steve Ristow | SR | | Transport for Londor |
| Sean Connon | SC | Principal Designer Manager | Costain |
| Ben Moult | BM | Safety Lead | Balfour Beatty |
| David Lumb | DL | Health and Safety Business Partner – RIP North | National Highways |
| Natalie Mansell | NM | Head of Safety – SR, H< | Atkins |
| Mark Bridges | MBr | Former H&S Hub Lead | Galliford Try |
| Jordan Flint | JF | | Kier |
| Lawrence Weller | LW | Safety Manager | TfL |
| James Washington | JWa | Safety Lead | Kier |
| Owaiz Khan | ОК | Technical Manager | MGF |

| Euan McRobie | ER | | Capita |
|---------------------|----|----------------------------|-------------------|
| Joseph Cluett | JC | | |
| Jonathon Giles | JG | Principal Designer Manager | Rambolt |
| Ian Nixon | IN | Hub Lead | Costain |
| Ken Harrison | КН | Principal Engineer | Amey Consulting |
| Tom Bolton | ТВ | Principal Designer Manager | Amey |
| Dave Avery | DA | H&S Manager | Arcadis |
| John Quarless | JQ | Safety Manager | Kier |
| Richard Delaney | RD | Senior H&S Consultant | Capita |
| Samuel Hogan | SH | Principal Engineering Man. | Balfour Beatty |
| Malcolm Shaw | MS | Principal Designer Manager | Arup |
| Paul Watson | PW | | Amey |
| Josh Hicks | JH | | Mott Macdonald |
| Greig Houghton | GH | Design HSE Lead | Jacobs |
| Chris Griffin | CG | Design Innovation Manager | National Highways |
| Paul Dennis | PD | | Arup |
| Russell Brookes | RB | | National Highways |
| David Owens | DO | Data Manager | Costain |
| Charlotte Taylor | СТ | | Morgan Sindall |
| Rob Eagles | RE | Temp Works Designer | MGF |
| Alexandra Koutsouki | AK | | |
| Tarandeep Atwal | TW | Associate Director | Arcadis |
| Jason Glasson | JG | Asset Information Manager | National Highways |
| Jim Tod | JT | Temp Works Designer | Tony Gee/Twf |
| Nick Boyle | NB | Technical Manager | Balfour Beatty |
| Marcus Anning | MA | | National Highways |
| Robert Mullen | RM | Asset Information Group | National Highways |
| Glen Matthews | GM | | Kier |

| Wellbeing, | Health | and Safe | etv Mom | ent |
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- ML provide the WHS Moment. This focussed on the launch of the updated Highway Code which becomes live this week. He also noted the great information that was available on the NH Website. Presentation attached and NH webpage link here – <u>National Highways</u> -<u>Road Safety</u>
- RW also highlighted a number of recent Safety Alerts
 - Safety Alert issued on the 26.01.2022 relating to the Mobile Elevated Working Platforms. Request that people are aware of the use of this equipment and to ensure that at all times a safety rescue plan is in place (in this incident took 6 mins to rescue the trapped individual). LBr to share Skanska's processes at the Hub.
 - A Safety Alert is about to be released on a services strike on a traffic light feeder cable (Engineer from design consultancy) where the works appeared to not have followed the Common Intent or RtB 9 guidance / RAMS requirements.
 - RW reminded all that the information is available on the Highways Safety HUB webpage - Safety Alerts, etc- <u>https://www.highwayssafetyhub.com/alerts---national-highways.html</u> and requested the sharing of lessons learnt as a priority to moving forward.
 - O RW asked that lessons learned be shared by the group -

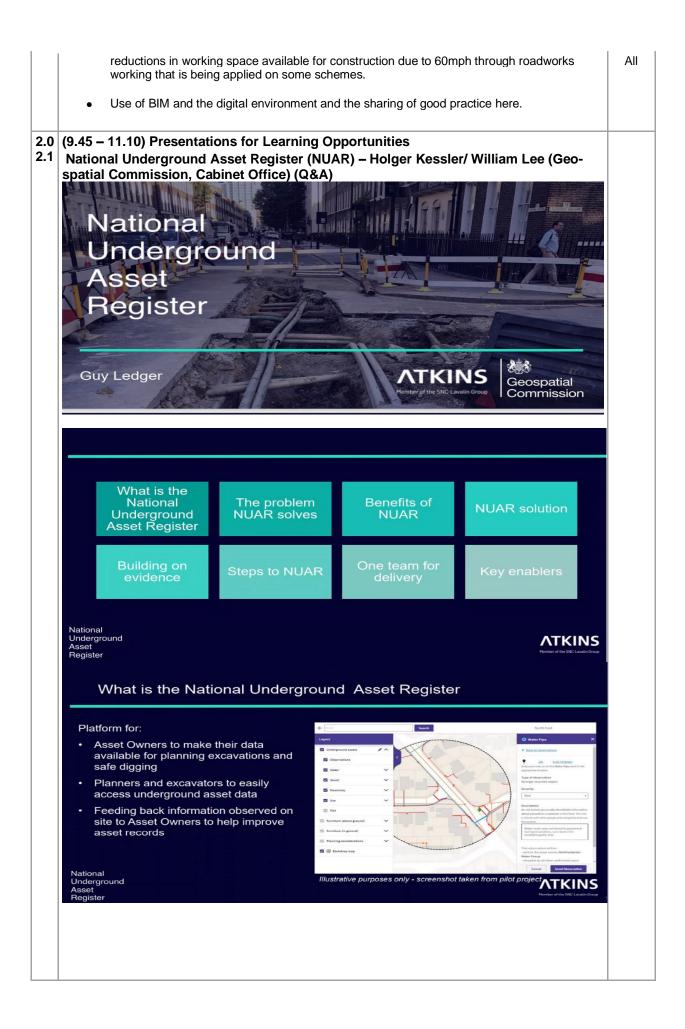
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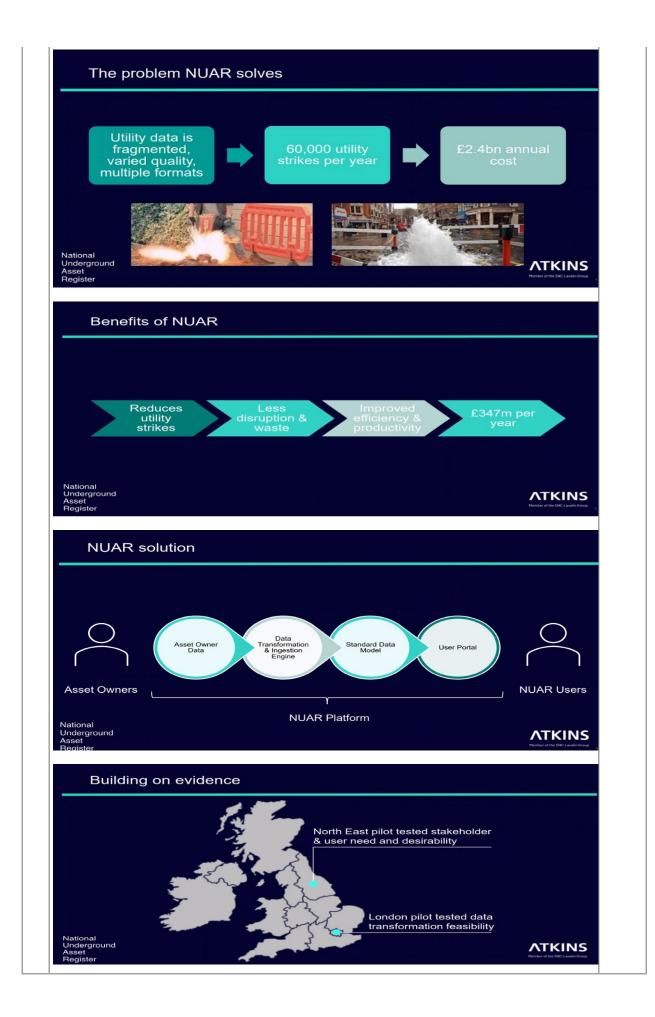
Key Actions and matters arising from PDWG 24 – 11/11/21.

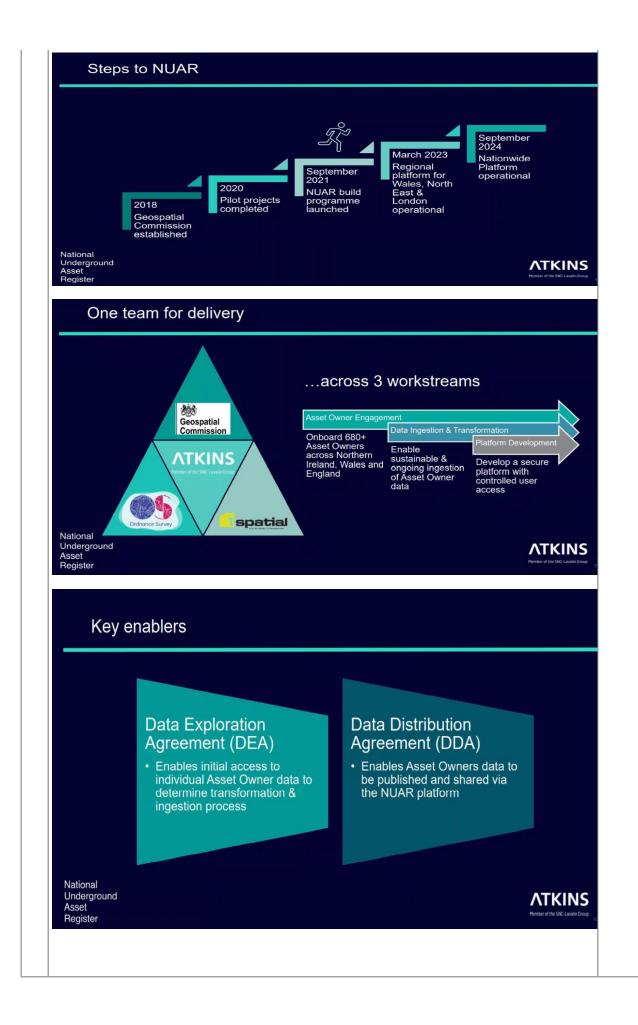
1.0 Minutes

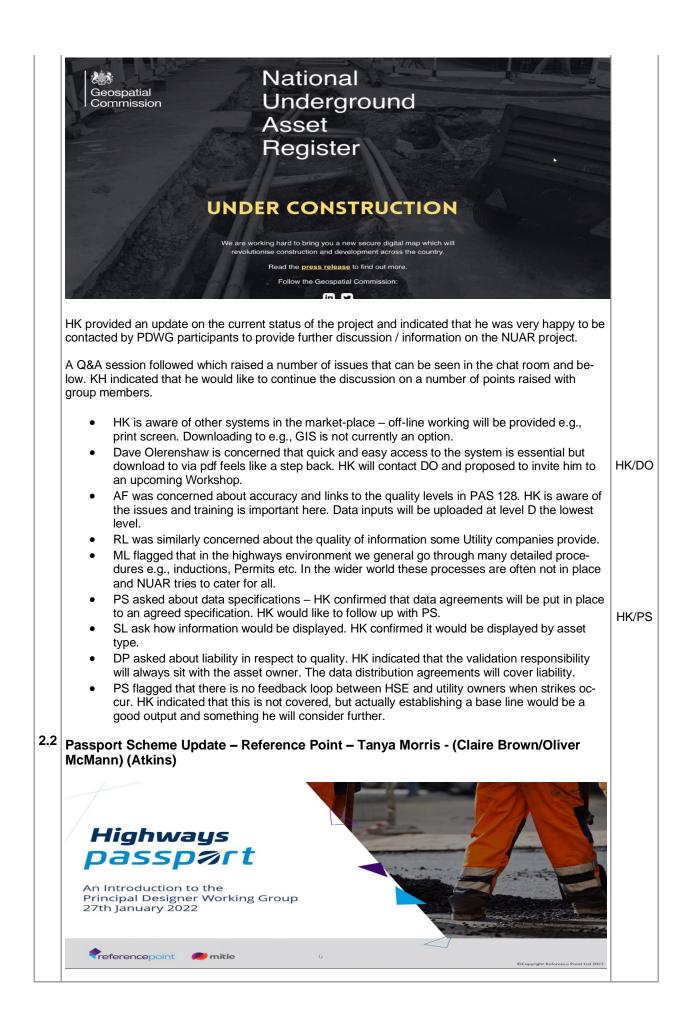
- 1.1 Temporary Works guidance update arrangements meeting to be arranged to discuss. RW indicated that Jim Todd, Jo Goulding, Jim Gallagher & RW have held a meeting to review and note this will be issued shortly. Item closed.
- 1.2 Design Close Calls KH confirmed that a number of conversations had taken place within Smart Motorways, the DCC approval routes need to be confirmed – what is the process etc. KH to discuss with AF and feedback at next meeting.
- Utilities Deep Dive Research Project Paul Doney/Graham King will now present their findings at the next meeting on 31/3/22.
- 1.4 Incursions Working Group. General awareness RW has had further discussions with Bob Watson and Richard Long. RW has discussed and requires conformation with Bob Watson & Richard Long to establish involvement in the IWG. RW informed that currently there had been a significant increase in the number of incursions and worrying level of aggression / violence. LBr noted the summary of data available on Incursions which is available on the Hub site under the Incursions heading. LBr felt that an MP Senior lead attending the group would be of value. RW to update at next meeting.
- 1.5 Safe Gantry Access Design Paul Brown to provide an update later in the meeting.
- 1.6 Incursions new Abuse Heat Map Liz Brathwaite clarified that this was not set out in GG 128, so felt most incidents would not be logged. RW expressed concern over the potential quantum of data. DA to take comments back. LBr confirmed that consultation on update of GG 128 is progressing, and all the right groups are attending.
- 1.7 NH Internal CDM Process and Procedures Launch had taken place and a webinar briefing to the supply chain had taken place on 7th December. Documents now uploaded to the Supply Chain Portal. Dave Townsend has been reviewing the implications that this would have for PCF and work here is ongoing. Single H&S File template now specified.
- 1.8 Eliminating Risk from the outset TT provided an update Stage 2 SPATS project commenced in Dec 2021, looking at design root causes, how to push through eliminating risk from the outset, developing the Phase 2 issues to completion. There are 3 elements to conclude design as a

| | process, H&S Alerts and design root cause and driving ERO at the earliest stages for designers. PB asked about the development of the Pre-construction Phase Plan template as prescribed in | |
|------|--|------------|
| | RtB 26. Not clear if this is covered PB to follow-up and feedback this would need to cover operations. TT timescales are to complete by end of October 2022. This would also link to the new HART outputs. Toria to feedback this next mtg in March. | PB TT |
| 1.9 | Utilities Avoidance – Chris Gee had sent his apologies he will report back at next meeting. ML | CC |
| | provide the update. To review options to what information can be made available to National Highways in relation to utilities historic data. Currently looking into a briefing paper on this and requests input from the PDWG community. Please contact Chris Gee to participate. | All |
| | CC looking to facilitate some buried services engagement talks around utilities avoidance which would use LTC as the Pilot. KH noted the importance utility avoidance and the communicating risks associated with utility avoidance with multi supplier involvement. KH interested to understand what they will be presenting. ML to discuss with KH. | MLa /KH |
| 1.10 | LB noted the importance of understanding the information people are issued and the need to test competence / understanding, do the people given the tasks to undertake understand what is being asked of them. Mark Lawton noted the importance of appointing a utilities surveyor / engineer on site. Helen Richardson noted National Highways predictive indicators for utility avoidance. ML to take up with HR. | MLa /HR |
| 1.11 | Sharing Data Saving Lives – Pav Singh is to update the group later. | |
| 1.12 | Incursions Presentation – Katie Harman had instigated a presentation given to the RDP North WHS Forum. Slides and Video to be distributed (issued post meeting). Also links with MP and development of Safety Shares. | KH/D MP |
| | KH noted the importance to consider other forms of incursions (pedestrian, people who take unnecessary risks) are important to consider along with the local and needs for people to be thought about if we stop the current routes people take. | |
| | Keeping Pace with Change Working Group – AF confirmed that he would initiate discussions for the next session. | AF |
| 1.14 | DP noted that feedback from the Chat Room had been issued with the previous minutes. | |
| | | |
| 1.2 | Objectives for PDWG 2022 (RW) | |
| 1.2 | Objectives for PDWG 2022 (RW) SCSLG had met in December and have discussed implementing a 2yr look ahead strategic plan - SCSLG have indicated that possibly they have issued too many RtB's and Common intent documents in the last 12 months. SCSLG strategy will be reviewed in February by the Highways Hub and the engagement council to enable sharing in March. It will look at significant risks within the industry e.g., Plant person interface. RW to share ASAP. | RW |
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TM provided an abridged version of the presentation

Powerful online database linked to a secure individual smartcard – kept updated



Passport Key Features

🕐 referencepoint 🛛 💋 mitie

referencepoint

💋 mitie

- Powerful online database of workforce linked to an individual smartcard.
- High security physical and virtual smartcards available.
- Single transferable record, kept updated, which moves with the individual.
- Full range of competencies can be awarded, managed and surfaced.
- Certificates and supporting evidence for outcomes also held.
- New HCl is surfaced automatically and visible on the person's card.
- CSCS and many partner cards/ qualifications can be registered online in seconds
- Easy to check person's details on site using our apps. All audited.
- Site events (e.g. toolbox talks, inductions, briefings) can be awarded electronically.
- 🔗 All card swipe data available including wide range of filters. Instant analysis. Geomap views
- At-a-glance forthcoming expiries to maintain workforce capabilities.
- World-class direct messaging straight to the individual.
- Comprehensive reporting.

Why is Passport So Important?

Invaluable and consistent tool

Wealth of information of corporate benefit

Saves time and money

Sustainable



Supported by National Highways Sponsored by the SCSLG

"As a supplier community we have agreed that, as Suppliers to Highways England, we shall adopt the scheme in its entirety within the first three months of start of works (construction phase) on any Highways England project/ scheme/ contract." SCSLG Common Intent Document

Number of workers: 33,300 Number of contractors: 900+

No matter how many projects worked, each person only needs ONE Passport record and smartcard.

referencepoint

referencepoint

referencepoin

nitie 🖉

nitie

mitie

All

"Passport Required" Principal Contractors

Contractors rolling out Passport on their major projects include:

Balfour Beatty Costain Galliford Try Kier Highways Osborne Infrastructure Skanska SMP Alliance.

More are coming on stream each month.

In addition, SDF contracts are required by National Highways to implement Passport.

How do we join Passport?

Further Information www.highwayspassport.co.uk

Company Registration on Passport https://he.validate.mitie.com/SkillSafe/CompanyRegistration

Note: Reference Point provide the gold-standard technology and hosting for Passport. ALL User Support, On-Boarding and Training is provided by Mitie.

For any assistance, please contact: Tel: 0330 726 0225 E-mail: <u>he.validate@mitie.com</u>

RW asked, as mentioned earlier, that all organisations embrace the Passport Scheme. It has many benefits – it records competency which can be read from the card directly. Membership is reported corporately.

TM flagged that a further benefit was that employers could view employee's records in advance if required which helped significantly when recruiting.

Oliver McMann provided an update on the steering group where he represents designers. OM is working with TM to maximise the benefits the Passport could have for Principal Designers, and he will feedback to the group on this.

OM also referenced the HCI - currently the feedback is that it is very Contractor focused. OM felt that the HCI should be reviewed with the intention of creating a Designer module through a T&F Group OM lead by NM and TB to develop the contact. OM to discuss with Teresa Moss on this. Volunteers requested. All LB indicated that the A428 would be using the Passport to gain entry to the compound - so without Passport membership designer access would not be possible. Note 2.3 Design Risk Management (Risk Register) - (Saskia Lear) - Arup ARUP **Common Problems** The register itself • QA systems such as ProjectWise "hide" information until it is issued - Teams/disciplines don't have all the information • Different versions of the register on local drives - Dependant on when team last accessed the joint register Different formats for risk assessment - not consistent with GG104 or with eachother · Compatibility of software - Different teams/organisation have different software, causing errors ARUP **Common Problems** Use of the register Mitigations develop as design develops - Designers may leave it to after the design is complete - or guess at the mitigation at the start and then not update Risk Owners are just a name on a spreadsheet - No guarantee that they are aware and managing the risk • Difficult to review - The amount of information in the full register is often larger than the screen/paper

ARUP

Use of MS Lists app

Basics

- Web based app
 - Part of Office 365 and is embedded within Sharepoint
 - MS Teams all have a linked Sharepoint site
 - You don't need to have Ofice 365 to use an existing List
- List settings
 - Formatting of columns similar to Excel
 - Versioning history
 - Automated notification emails & alerts when changes made

ARUP

ARUP

Use of MS Lists app

What that means

- · Anyone with access to Teams site can use it
- You can embed it directly into the site (no need to "open" the document)
- Accessible anywhere with internet (even mobile phone on site)
- Everyone has the latest information (Consistent with GG104)
- Can link documents to risks (ie shape files, design decision reports, etc)
- Risk Owner names are also email addresses (automated emails)
- Connects with Power Automate for additional automations

Lists embedded in Project sharepoint

| TA Private group Pro | oject | | | | | | | R 94 men |
|-----------------------------|------------------|---------------------------|--|-----------------------------|--|-------------------|---------------------------|--|
| Home | + New 🗄 Edit | t in grid view 🛛 🖻 Share | 💶 Export \vee 🛛 🖧 Autor | mate 🗸 🗜 Integ | grate \vee | | \equiv All Items \vee | 70 |
| News | | | | | | | | |
| Conversations | A120 CDM Risk Re | gister 🚖 | | | | | | |
| Shared with us | ID \sim | Status $ \smallsetminus $ | Hazard \checkmark | Location $ \smallsetminus $ | Outcome \vee | Population \vee | Phase \sim | Reason |
| Teams Notebook | 6 | Closed | Maintenance during a live carriageway (generic risk closed and replaced with location specific risk items) | Scheme wide | Impact from vehicles injury / death road workers and road users | Users Workers | Maintenance | The propo for all opti a greater r for traffic r during MA |
| Pages Management Library | | | | | | | | than wholl options, in risk for bo workers ar |
| Incoming Library | 7 | Open | Surveys adjacent to a live carraigeway | Scheme wide | Impact from vehicles injury / death road workers and road | Users Workers | Construction | Online rou during des developme |
| Data and Documents Libr | | | | | users | | | (topograpi drainage, j Lighting) v risk to roa |

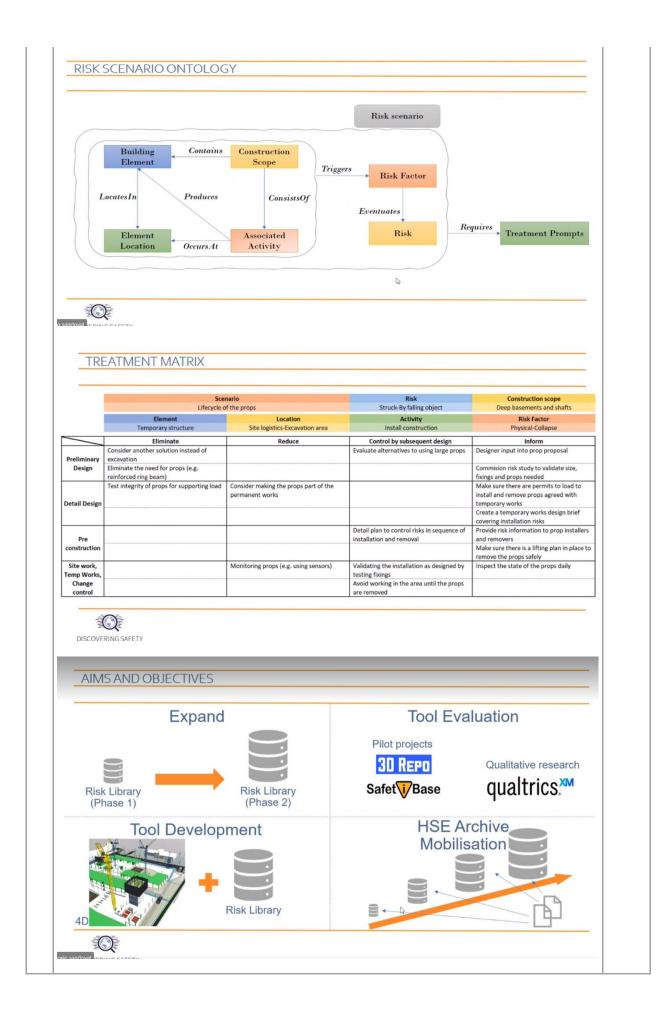
ARUP **Different Views** 18 + New 🖻 Share 📲 Export 🗸 🎉 Automate 🗸 🕀 Integrate By Discipline 8 0 2 / Home Q Alert me News A120 CDM Risk Register 😒 🕞 Manage my ale Conversations Discipline : Geo Shared with us Unknown ground contamination. ... Excavation of the cutting. The grou... Unforseen poor ground conditions Potential for contamination at the ... Noteb Design options B - F Scheme wide Quarry Quarry Site Pages Population ["Workers"] ["Workers"] ["Workers"] ["Workers","Users"] Management Library ["Construction"] ["Construction"] ["Construction", "Operation"] ["Construction"] Incoming Library Data and Documents Libr. 4 8 16 6 Shared Documents Library 0 Outgoing Library ARUP Use of Power Automate • Online apps can be connected using Power Automate - Includes online versions of programmes such as Excel - Automating standard processes to speed up input and reduce errors · Form for initial hazard identification - Quick and easy way to add new hazard into the risk register · Create a spreadsheet version of the risk register for issue - Capture live data into suitable Excel template ARUP Initial Hazard Identification Form Making it easier to add new hazards to the risk register Flows > A120 Hazard form to Risk Register Details Questions Responses 👩 Row A120 Hazard form to Risk Register Description Record form responses in SharePoint A120 Initial Hazard Identification Owner Saskia Lear rt form to initially identify a hazard which will later be added to the risk register for m 1. What is the hazard? What is the potential source of danger (ie "new junction") * Enter your answ Original template 28-day run history 🛈 2. Where is the hazard? Describe the location of the hazard (including which option it applies to) * Enter your answer Start Duration Jan 14, 03:11 PM (1 wk ago) 00:00:01 Jan 14, 03:10 PM (1 wk ago) 00:00:01

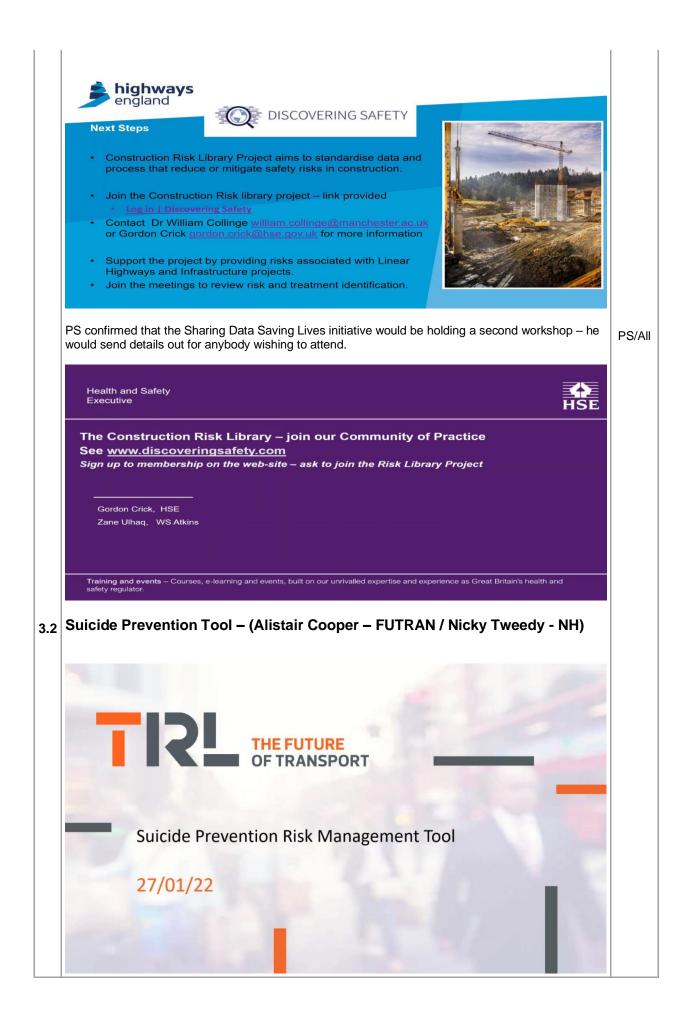
ARUP

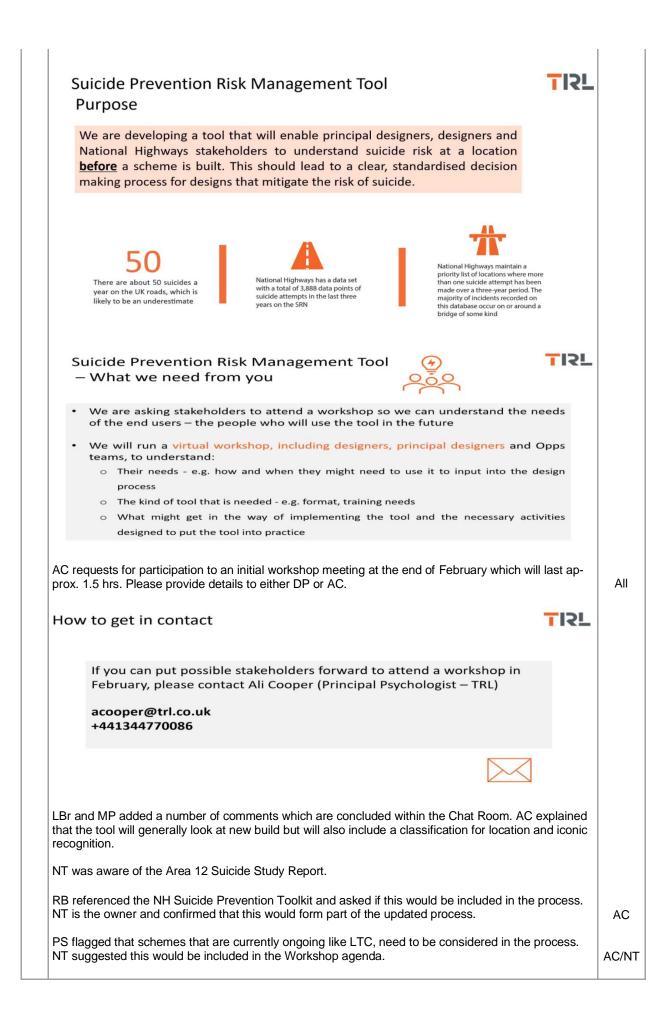
SL

Create Spreadsheet for Issue Capture live data Flows > A120 update risk register roject Name A120 Braintree to A12 Arup Project Number Details 278361-00 Flow A120 update risk register ID Status Hazard Location Outcome Population Phase Impact from vehicles injury / during a live Owner Saskia Lear carriageway (generic risk closed and replaced with death road workers and road users ocation specific risk tems) 28-day run history 🕕 Start Duration E Cover Version Control and Review Register Guidance Design Risk Register + Jan 18, 01:33 PM (6 d ago) 00:05:41 ARUP Contact Saskia Lea Saskia.lear@arup.com A Q&A session followed: PB agreed that there always needed to be a single source of the truth Liz B had provided a number of comments in respect to CIRIA Guide C755, Safety Base • and Manchester Uni. in the chat room. Liz B to touch base with SL. SL to review the CIRIA C755 Guidance which could be migrated across PS asked if there was a link between risk items and locational specific data. AF referenced the HSE Sharing Data Saving Lives initiative who are working in this area. RW concerned about the problems with Excel, the potential to corrupt input and the dangers • of designers retaining separate copies. SL is happy to share the process and set up is very quick • HR noted that it has been used successfully on a number of Pipeline Schemes. 3.0 (10.10 – 11.45) T&F Group Updates - (SCSLG – H&S Hub Support) 3.1 BIM Risk Library - (Update) - (Pav Singh - Arcadis) - Discovering Safety highways england Principal Designer Working Group Event No 25 Discovering Safety – BIM Construction Risk Library Pr Pav Singh, Arcadis









| | Timescales are not yet clear, but NT/AC would feedback to the group. | AC/NT |
|-----|---|-------|
| 3.3 | Health in Design – C/ Intent (Progress update) – (Natalie Mansell – Atkins) | |
| | Currently the latest draft has been consulted on and is with SCSLG who will be releasing the document shortly. | |
| 3.4 | H&S File Digital Development – T&F Group (Mark Lamport – Arcadis) Links to AMDG and OD – update | |
| | national highways | |
| | Principal Designer Working Group Event No 25 | |
| | Health and Safety Files Digital Development . Mark Lamport, Arcadis | |
| | national highways | |
| | Task and Finish Group Kick-Off Meeting Held on 18/1/2022 Next meeting to be held in March 2022 - date TBC | |
| | | |
| | national highways Task and Finish Group Team | |
| | Mark Lamport – Arcadis Doug Potter - Arcadis Natalie Mansell - Atkins | |
| | Tim Bowes – Atkins David Owens – Costain Rob Butcher – Jacobs | |
| | Richard Wilson – National Highways, PDWG Chair Kevin Clague - National Highways, Asset Needs Manager - Operations NW Darren Allen – Telent Jon Horrill – WSP | |
| | Jason Glasson (National Highways, Head of Asset Management) to be invited to the next meeting | |



National Highways CDM Standard H&S File

| | Highways E Health and S | I boverty Forem | | Template available from Supply Chain Portal – PCF product guidance for H&S File Forms, advice and information: • Health and Safety File Template and Guidance |
|---|----------------------------------|---|---|---|
| | 40444) 402700, 3464 41, 43, 1205 | | Figg 12 Antipi-antipi series accept | |
| | high | onal ways | | |
| N | ation | al Highw | ays CDM Standa | ard H&S File |
| | 1.2.3 | a construction proje Client. There are r completion of the pr England Project Co <u>Handove</u> Volume Volume Volume Volume Volume Volume Volume | SF therefore forms part of the Handover ct, but doesn't contain all the informatio number of categories of document that oject of which the HSF is one. Aligning v ntrols Framework (PCF) the list looks lik <u>r Asset Data:</u> I – Introduction 2 – Health & Safety File Operations and Maintenance Manual Asset Data – Quality Records – Design Records – PCF Products | n at final handover to the t will be handed over at with the current Highways e this: |
| | 1.2.4 | | ocument is purely volume 2 – Health ar ther volumes listed in section 1.2.3. | nd Safety File highlighted |



Interface and Alignment with other National Highways Initiatives

- Discussion on transition of H&S Files to GIS-based platform already underway within National Highways how can this T&F Group support this development work?
- Ensure alignment with National Highways 5 Year Digital Transformation Plan
- Alignment with National Highways MP BC structure (?10 volume or 12 volume)
- Ongoing discussions with Neal Symmons around integration of Lean into the digital handover process
- Interface with Asset Information H&S Improvement in Data Management Steering Group (last meeting on 20/1/2022)



Future Actions

- Terms of Reference (Scope, Objectives, Outputs and Timescale) to be agreed.
- Civils Maintenance (AD/MAC/ASC) Handover Document and Certificate (Stage 6) PCF product needs to be brought into alignment with the new CDM Standard and the new H&S File Template (Stage 2 product)
- We need to understand end-user requirements:
 - What information do they need from the H&S File?
 - In what format?
 - On what platform?
- Ensure we take learning from the BIM 4 Health & Safety Sub-group led by Andrew Rouse and Gordon Crick looking at integration of H&S into BIM

PB concerned that a mechanism is required to capture area wide or linear hazards and if GIS wasn't capable of providing this then alternatives would be required. General discussion that this was a developing area and that work arounds are either in place or will be developed. ML noted and would discuss further with PB.

3.5 Safe Gantry Access Design T&F Group – (Paul Brown - WSP)

- T&F Group commissioned through the Smart Motorways partnership alliance. Current issues / • variations on gantry access across the network on various schemes, reviewing the parameters being used to reach the design decisions - Review of GG104 assessment completed - Noting that initial finding is to provide safe access to the gantries. Variations have been found due to scheme budgets, scope etc. Review ongoing to define the parameters to be used to ensure consistent approach -The group is • imminently presenting findings to the partnership Alliance board with a proposal to review the current parameters and ensure all schemes undertake the same consistency of review, using the same methods / parameters. The group has focused on the decision-making process not what PB should be provided todate. PB would continue to chase but anticipated they would liaise with PDWG in due course. Dave Riley – Amey M74 - 21 gantry with access - Installed in co-ordination with appropriate access / hard standing arrangements. (Feedback from Amey Working Group who looked at improvements): Hard standing not often specified previously. • Review of reliability of gantry equipment (asset performance) - How is this information being • gathered to enable better project specifications?
- What reviews are ongoing with Clients to review equipment reliability? (In theory the design assumptions had assumed that only limited maintenance would be required).
- Safe access often gets value engineered out.
- Design Audit of safe access to gantries Are these being undertaken / incorporated?
- Are rescue arrangements being considered within the design of gantries
- Operatives dropping equipment This could happen, however shouldn't exclude the access to gantries.
- DR feels Scotland are making good progress. DR is feeding the comments to the T&F Group
- JG reiterated that the original concept was that maintenance access needs would be limited but this was proving not the case. Any PDWG feedback on designs / maintenance issues to JG.

PB/ MLa

All

| | • Currently 23 shares being developed across pavement, design, earthworks, temporary works, stress and anxiety. (See attached slide and tracker). Anyone who has any good or bad examples of the use of GPR surveys, and the equipment used, please send to Martin Partington or DP. An update on the risk matrix will provided with the slides. | All |
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| .0 | (11.55 – 12.30) Information and Discussion | |
| .1 | Update from SCSLG – (Paul Brown – Highways Safety Hub) (Provided by PB post meeting) | |
| | SCSLG are looking at new focus areas – Already covered in part by RW. Currently these included: Isolation from live traffic, Plant Person Interface, Safe Digging, Change Control, Wellbeing Fatigue protection, Making the right choice (Behaviours) and Supervision - Visible Leadership | |
| | Passport – already covered - many companies now signed up, but many have not fully embedded it in their systems. Anyone with case studies for their company on how it has been applied is invited to provide info to Clare Brown (BAM Nuttall) Presentation from Anne Marie Penny NH Senior Road Safety Policy Advisor on Work related road risk: | All |
| | 1/3 accidents involve someone travelling for work. | |
| | Driving for Better Business mandated by Crown Commercial Services | |
| | Update HSE guidance with respect to risk assessing a journey. | |
| | Anne-Marie is looking to set up a Construction Industry Gateway for managing work- related road risk. If you are interested in being involved with group, please let Ian Nixon or Anne-Marie know. | All |
| | HART – the AIRSweb replacement system has now gone live. Dave Riley provided the above info on gantries and access provision from one of Amey's Scottish Contracts. Standing request for newsletter articles – would be good to see some coming from PDWG. New Major Projects Head of H&S is Richard Long. | All |
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| 1.2 | TTM - TW/ Permanent Works Design / Incursions – Thoughts? – (Karl Hinds – HW | |
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| 1.2 | Martin) | |
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| 4.2 | Martin) Main Issues and Considerations – Problem Areas • Provision of Pre-construction Information to facilitate TTM Design • PCI Requirements – common issues • Understanding of constraints • Provision of Traffic data • Local Network knowledge • Other Issues? • Time frames for the delivery of TTM Design • Interaction with Permanent Works Designers • Interaction with Permanent Works Designers • Interaction with Principal Designer • Alterations – Site based design change • Incursions • Mitigation measures • Common Problems – Vehicular movements/Pedestrian movements • Benefits of the DIP Arrangements? • Any Other Thoughts? | |
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| | How can we improve current arrangements? Incursions is also a major consideration and are generally generated through a number of sources People who are genuinely lost | |
|-----|--|-------|
| | People who are taking a chance, and Pedestrians. Karl H is currently dealing with the A63 project which passes through the centre of Hull. This has proved a problematic site due to the urban nature of the scheme. The A63 TTM issues had featured in a recent RDP NH Forum, which had flagged many lessons learned. RW asked that this be picked up on the next PDWG Agenda as a lesson learned session. | KH/DP |
| 5.0 | (12.30 - 12.35) AOB No issues raised | |
| 6.0 | Date of Next Meeting – 31st March 2022 (PDWG 26) – Teams MeetingSubsequent meetings proposed for – 19/5, 21/7, 29/9 invites issued post meeting. | |