PDWG Task Group – Safety Shares

Summary on a page

Purpose of the Meeting - to investigate whether a Design Close Calls process similar to that used by Network Rail might provide learning and sharing benefits for health, safety and wellbeing considerations for the National Highways community

Attendees

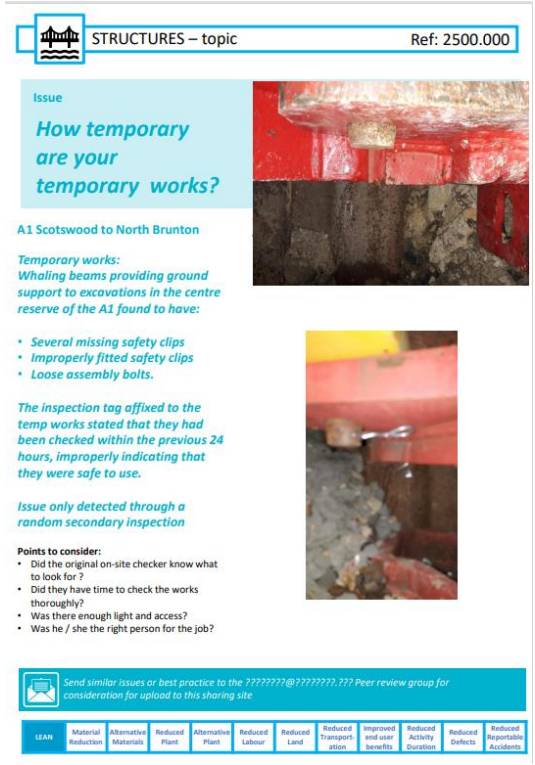
- Martin Partington (Jacobs) - Chair
- Doug Potter (Arcadis)
- Jim Gallagher (National Highways)
- Tim Goddard (Arcadis)

Attendees

- Rob Butcher (Jacobs)
- Tang Solomon (Arcadis) Sam Allin (Jacobs)
- Sophie Gwynne (Arcadis)

Apologies

- Stephanie Goldsmith (Skanska))


STRUCTURES – topic Ref: 2500.000

Issue

How temporary are your temporary works?

A1 Scotswood to North Brunton

Temporary works:
Whaling beams providing ground support to excavations in the centre reserve of the A1 found to have:

- *Several missing safety clips*
- *Improperly fitted safety clips*
- *Loose assembly bolts.*

The inspection tag affixed to the temp works stated that they had been checked within the previous 24 hours, improperly indicating that they were safe to use.

Issue only detected through a random secondary inspection

Points to consider:

- Did the original on-site checker know what to look for ?
- Did they have time to check the works thoroughly?
- Was there enough light and access?
- Was he / she the right person for the job?

Send similar issues or best practice to the ????????@????????.??? Peer review group for consideration for upload to this sharing site

LEAN | Material Reduction | Alternative Materials | Reduced Plant | Alternative Plant | Reduced Labour | Reduced Land | Reduced Transport-ation | Improved end user benefits | Reduced Activity Duration | Reduced Defects | Reduced Reportable Accidents

Last meeting reviewed all previous safety shares,

- where they were at and when these would be issued for review and then publishing.
- It checked that the issue was defined or whether more information was needed to be gathered to really understand it,
- what best practice is available to best present the Safety Share.
- Who is leading on developing the share, and who is needs to be involved
- Shared information on the Rick review matrix output, and how that is a step forward

Issues raised

- Tracking 23 safety shares several different topic areas,
  - drainage,
  - earthworks,
  - pavements,
  - lighting,
  - structures, but also
  - health (stress/ anxiety) and how designs can influence this.
- Some of the shares have taken a long time to understand what the issue actually is and then what best practice is in place as mitigation
- Extra resources now supporting within the group

Outcomes and Next Steps

- Next 3 months will see at least 3 shares issued per month
- We are seeking good practice or poor practice examples of what makes a GPR survey work well and when it doesn't. could PD members get in touch if you have any good or poor examples
- Working out where and how to store the shares onto the Supply Chain Hub website

Risk matrix for an event, incident or circumstance	Impact, severity, consequence	Minor	Moderate	Serious	Severe / Major	Extreme (1 or more people harmed)
		˝ Minor / slight harm requiring basic first aid, ˝ minor damage or loss ˝ Impairment of performance or function lasting less than 1hrs, able to return to work/normality within 8hrs	˝ Medical treatment to prevent deterioration, ˝ minimal lost time, ˝ moderate injury or illness, ˝ moderate damage or loss ˝ Impairment of performance or function lasting less than 8hr, Able to return to work/normallity within 24hrs	˝ Serious harm: ˝ serious injury or illness, ˝ substantial damage or loss. ˝ urgent treatment / surgery, ˝ lost time incident 1-7 day absence ˝ Impairment of performance or function lasting 1-7 days, Able to return to work/normality after 7 days	˝ Major / severe harm, ˝ damage or loss, ˝ Temporary disability; ˝ over 7 day absence ˝ Impairment of performance or function lasting more than 7 days or leading to change of work environment on grounds of mental impairment ˝ significant external medical intervention sought	˝ Extreme Harm: ˝ extreme loss or damage, ˝ Fatality including suicide or ˝ Permanent life changing injury or impairment, may require long-term treatment for remainder of life, ˝ Never able to return to work.
Likelihood	Eliminated (0)	1	2	3	4	5
˝ Very low: ˝ extremely / very unlikely ˝ highly improbable	1	Low (1)	Low (2.3)	Low (3.3)	Low (4.3)	High (5.3)
˝ Low ˝ unlikely ˝ seldom,	2	Low (2.1)	Low (4.2)	Medium (6.3)	Medium (8.3)	High (10.3)
Medium may occur, may happen	3	Low (3.1)	Medium (6.1)	Medium (9)	High (12.32)	High (15.3)
˝ High ˝ likely ˝ probable	4	Low (4.1)	Medium (8.1)	High (12.1)	High (16)	Very High (20.3)
˝ Very High ˝ Highly / very likely ˝ very probable or repeated	5	Medium (5.1)	High (10.1)	High (15.1)	Very High (20.1)	Very High (25)

risk Low(1, 2.1,2.3, 3.1,3.3, 4.1,4.2,4.3) band	**residual risk arising is considered to be from a routine activity and industry practice is widely available to control the risk to SFAIRP (So far as is reasonably practicable)**
risk Medium (5.1, 6.1, 6.3, 8.1,8.3, 9) band	**residual risk arising is considered to be from multiple activities or single complex activity, requiring additional measures over those required for routine activities to control the risk to SFAIRP**
risk High (5.3, 10.1,10.3, 12.1,12.3, 15.1,15.3, 16) band	**residual risk arising is considered to be from a non-routine activiity or of a highly specialised nature that requires complex control measures and specialist resources to control the risk to SFAIRP**
risk Very High (20.1,20.3, 25) band	**requires project manager / director approval and recorded formal review**