

SHE Shared Learning No: 1920_08_002

Description of Event: Design Close Call NRB320856

What happened?

A temporary speed restriction design was requested and duly designed and issued in normal timescales within 4 weeks, 2 weeks prior to implementation.

The client returned the design advising that a set of points that the design had assumed were operational, had actually been removed in the previous fortnight leaving the design incorrect and potentially flawed from a safety aspect (if commissioned) due to incorrect/superfluous signage.

What went wrong?

The signalling designers assessed the status of source information during the design process to ensure their copy was the same as the source record. However they critically did not check to see if the source information was being used by another design authority to create another design.

It was found that another design authority had the source record booked out for the design of a prior scheme in the same area and had not yet returned the most updated source information to the records centre.

Action Points:	Discussion Points
<ul style="list-style-type: none"> • <i>Ensure you are using the source record for your design or a parallel design agreement is in place.</i> • <i>In the case of late notice or 'emergency' designs ensure you are aware of all potential schemes within or in the vicinity of your designs.</i> • <i>When considering correlation waivers ensure that the validity and age of the survey data being used in lieu of correlation is carefully considered.</i> 	<ul style="list-style-type: none"> • <i>Are you using the most up to date source information for your designs?</i> • <i>Are you aware of parallel works being undertaken, including in late notice & emergency design situations? If not then consult with the asset owners – If you don't ask, you won't know!</i> • <i>Is a correlation required or have you got a correlation waiver?</i> • <i>Is the accuracy of source information as important as the accuracy of the proposed design? [It's a rhetorical question!]</i>

Should you have any comments please do contact [Carlos Gallego, Health and Safety Manager.](#)