

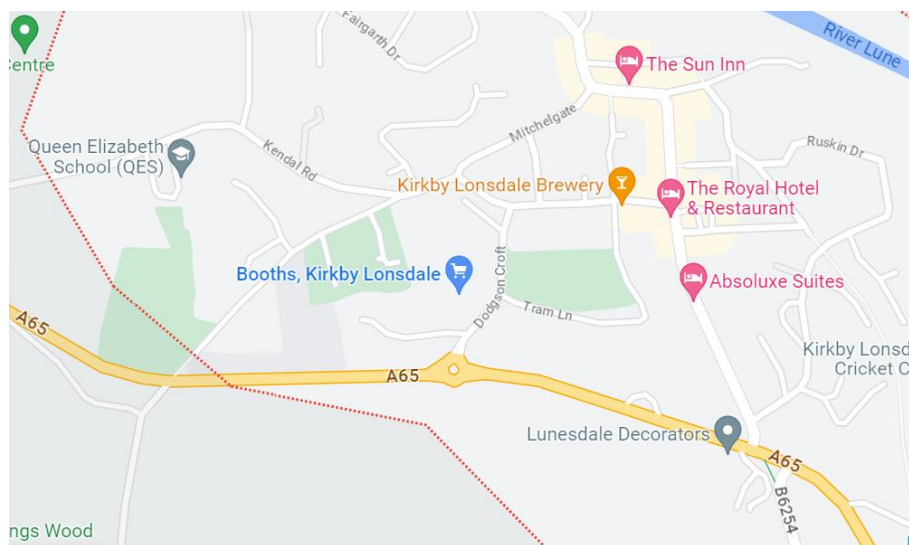
Safety Note Ram Sculpture A65 Kirkby Lonsdale

Introduction

This safety note considers factors affecting the safety of a sculpture to be placed in the centre of the roundabout at the junction of Dodgson Croft and A65 at Kirkby Lonsdale, known as the Booths Roundabout. See the location shown below;



Roundabout where Dodgson Croft meets A65: Booths roundabout



A65 / Dodgson Croft location within Kirkby Lonsdale

- **Collision history** – last 5 years
1 injury collision reported at or on the roundabout in the last 5 years. Serious injury collision in 2020 - single vehicle (motorcycle) skidded on loose surface deposit such as oil or gravel. No inference for repeat collisions.
No indication of collisions involving excessive speed upon approaches to roundabout, no indication of overrun incidents or collisions.
No evidence to indicate a collision risk or cluster at the roundabout from the collision history.
- **Visibility around roundabout** – sculpture is not solid but can be seen through. It is important that any plinth it is mounted on is not high enough to affect visibility. Through visibility will be partial with the structure in-situ however visibility to the right at each arm is not considered affected by the presence of the structure at this roundabout. There is good

visibility around the roundabout at present and visibility is not impeded by any structures in close proximity around the outside.

- **Consideration of over run** – no history of over run incidents. Central island is such that vehicles negotiate cleanly and with good advance visibility of the roundabout on both approaches and therefore slow vehicle speeds appropriately. It is also within a 40mph speed limit which aids drivers to negotiate the roundabout correctly. Over run is not considered an issue for the placing of the Ram Sculpture.
- **Consideration of illumination of sculpture**– The sculpture is not going to be illuminated, therefore no additional glare or issues to distract drivers particularly at night.
- **Shine from sculpture** – material to be dull and non-reflective to ensure vehicles headlight beams or surrounding light is not reflected to impede drivers.
- **Plinth** – The sculpture is to be placed on a plinth – full construction details and dimensions are not available at time of writing. It is considered that the plinth be kept to a minimum size to prevent issue should there be any overrun incidents in future and not to be slabs of concrete but considerate of being passively safe.
- **Existing speed limit** – The speed limit is currently 40mph. The presence of static speed cameras on the A65 at Kirkby Lonsdale ensure a good level of compliance to the speed limit. The speeds in proximity of the roundabout are compliant and lower due to the roundabout to be negotiated. Any collisions at the junction would typically be slow speed.
- **System of street lighting** – the roundabout is set within a system of street lighting and therefore has good forward visibility of the sculpture in advance in all light conditions.
- **Regular safety inspections** – A condition of implementation of the sculpture is for the Town Council to have annual structural safety inspections and copies to be provided to Westmorland and Furness Council by the Town Council of the sculpture and plinth to ensure it remains structurally sound to stay in place. The structural safety inspection report is to include a timescale for repair for any issues/defects identified during the safety inspection. If repairs cannot be undertaken in the timescale identified by the structural engineer, then the sculpture is to be removed until such time as the repairs can be undertaken and the sculpture can then be reinstalled to the satisfaction of the structural engineer and Westmorland and Furness Council.
- **Insurance** – A condition of the implementation of the sculpture is for the Town Council to have 3rd Party public liability insurance to the value of £10m for each incident. The insurance schedule must clearly state that the sculpture is covered by the insurance. A copy of the Town Council's public liability insurance to be sent to Westmorland and Furness Council each year.

Summary and conclusion

In consideration of factors above such as the location, existing geometry, road conditions and history of any collisions it is found that there are no indications that a sculpture within the roundabout presents increased risks to road users.

Report author
Victoria Upton, Traffic Management Manager
August 2023

Checked
Peter Hosking, Highway Network Manager South Lakeland