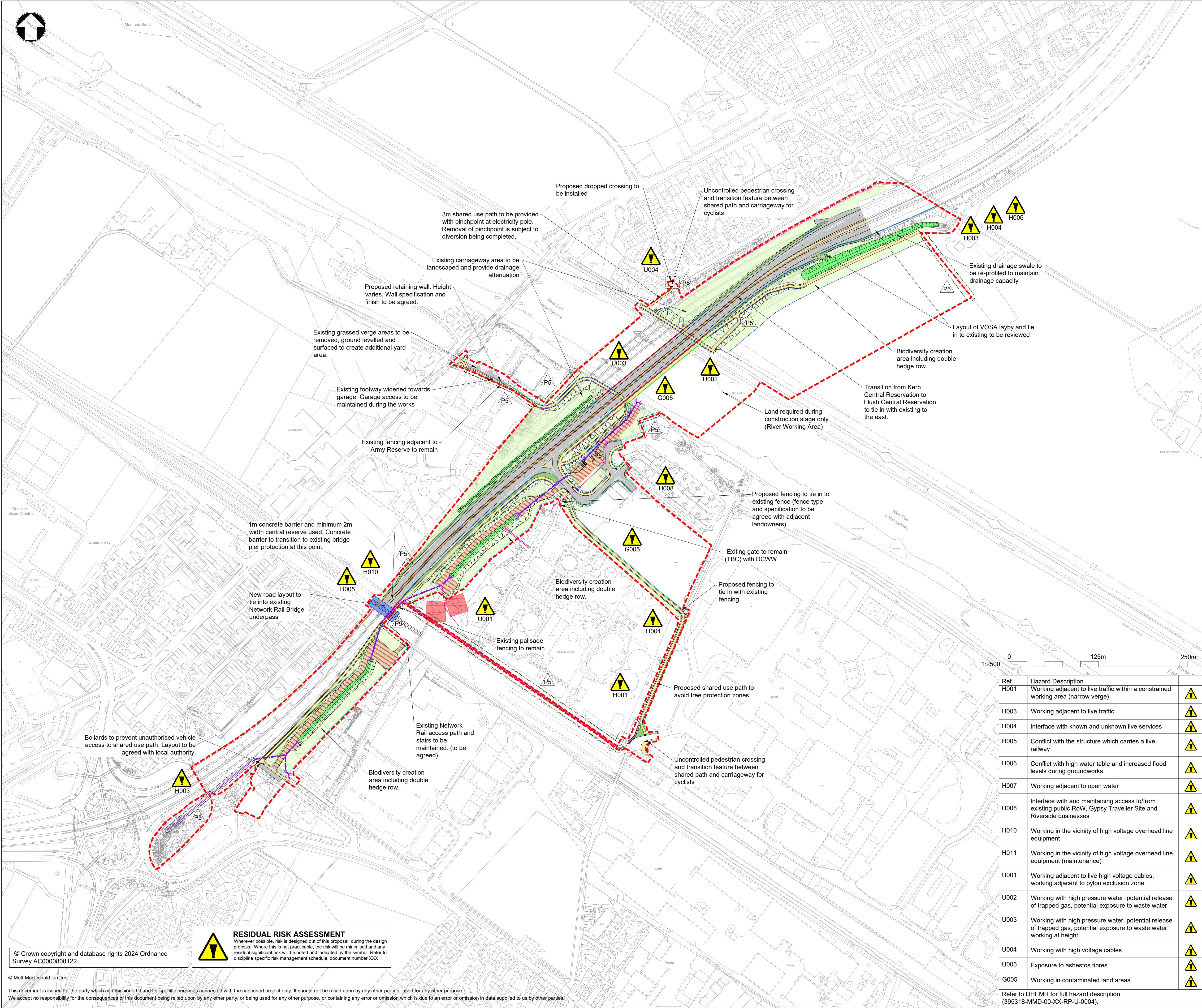




Notes

- This drawing details the current Developed Design at Key Stage 3 of Welsh Government's Linear Stage Approval Process and is subject to further detail design development.
- This drawing is to be read in conjunction with all other related Mott MacDonald and RML drawings and specifications.
- Unless otherwise stated all dimensions are in metres and all levels are in metres Above Ordnance Datum (AOD).
- Information on this drawing is based on topographical data received from PM Surveys 2018 for the site area and OS mapping data for all other areas.
- Proposed embankments shown are 1:2 slope for fill and 1:3 slope for cut (subject to confirmation in the Geotechnical Design Report). Extents of embankments shown are subject to further rationalisation and development.

Key to symbols

- Proposed Site Boundary
- Proposed Shared use cycle track (for use by cyclists and pedestrians)
- Proposed carriageway
- Central Reservation
- Soft Estate (Refer to Environmental Master Plans for details)
- Soft Verge
- Proposed footpath
- Rail Bridge Deck
- Proposed drainage swale/open channel
- Proposed maintenance access road / compound area
- Proposed Gate
- Proposed 400x400mm Buff Tactile Paving
- Proposed Palisade Fence
- Proposed Paladin Fencing
- Proposed Railing Fence
- Proposed Post and Rail Fence
- Proposed Noise Barrier - Subject to EIA
- Proposed H2W1 Concrete VRS
- Proposed H4bW2 Concrete VRS with railing (min 1400mm high)
- Proposed N2W2 Steel VRS
- Proposed N2W3 Bridge Parapet
- Proposed Class 3C Pedestrian Parapet
- Proposed Culvert
- Existing Retained Culvert
- Proposed Drainage Headwall including retaining feature at connection to ditch
- 10m Construction Exclusion Zone to Face of Pylons
- Proposed Retaining Wall
- Proposed Bollard
- Proposed diverted Welsh Water outfall pipe - details TBC by Welsh Water

P05	12/08/25	EP	Updated alignment and boundary	SH	GM
Rev	Date	Drawn	Description	Ch'k'd	App'd
Status Stamp					
NOT FOR CONSTRUCTION					

M

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Yn gweithio ar ran
Uywodraeth Cymru
Working on behalf of the
Welsh Government

Title

A494 River Dee Bridge Replacement Scheme
Developed Design
Highways General Arrangement

Designed	B.Bowers	BB	Eng check	S.HORSFALL	SH
Drawn	E.PROBERT	EP	Coordination	G.MORGAN	GM
Dwg check	S.HORSFALL	SH	Approved	G.MORGAN	GM
MMD Project Number		Scale at A1		Security	
395318		1:2500		Rstd	
Suitability Description					Suit. Code
Suitable for Information					S2
Drawing Number					Revision
395318-MMD-00-XX-DR-C-0002					P05

Ref. Hazard Description

H001	Working adjacent to live traffic within a constrained working area (narrow verge)	
H003	Working adjacent to live traffic	
H004	Interface with known and unknown live services	
H005	Conflict with the structure which carries a live railway	
H006	Conflict with high water table and increased flood levels during groundworks	
H007	Working adjacent to open water	
H008	Interface with and maintaining access to/from existing public RoW, Gypsy Traveller Site and Riverside businesses	
H010	Working in the vicinity of high voltage overhead line equipment	
H011	Working in the vicinity of high voltage overhead line equipment (maintenance)	
U001	Working adjacent to live high voltage cables, working adjacent to pylon exclusion zone	
U002	Working with high pressure water, potential release of trapped gas, potential exposure to waste water	
U003	Working with high pressure water, potential release of trapped gas, potential exposure to waste water, working at height	
U004	Working with high voltage cables	
U005	Exposure to asbestos fibres	
G005	Working in contaminated land areas	

Refer to DHEMR for full hazard description (395318-MMD-00-XX-RP-U-0004).

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RESIDUAL RISK ASSESSMENT

Wherever possible, risk is designed out of this proposal during the design process. Where this is not practicable, the risk will be minimised and any residual significant risk will be noted and indicated by the symbol. Refer to discipline specific risk management schedule, document number XXX