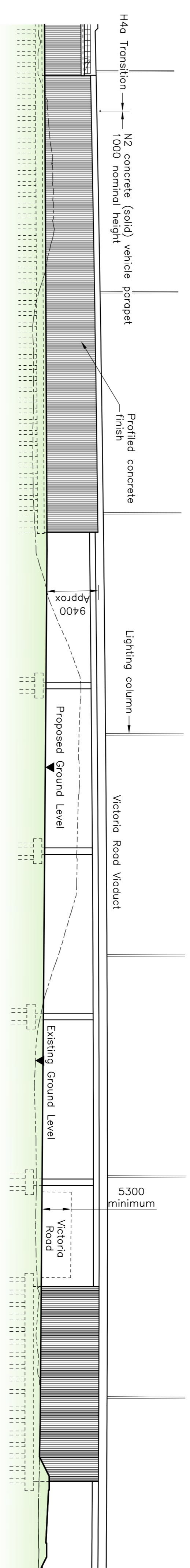


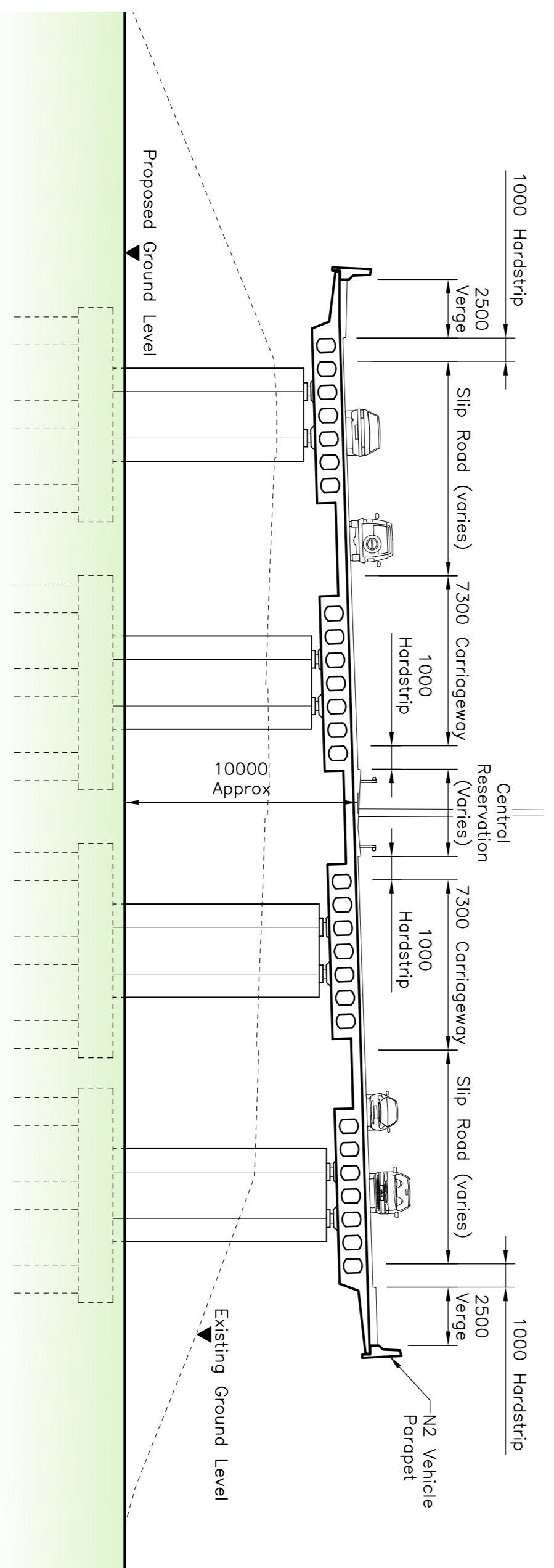
For details of Freight Line Railway Bridge refer to B4027/4/B/PL/200

For details of Widnes Loops West Bridge refer to B4027/4/B/PL/400

PLAN  
Scale 1:500

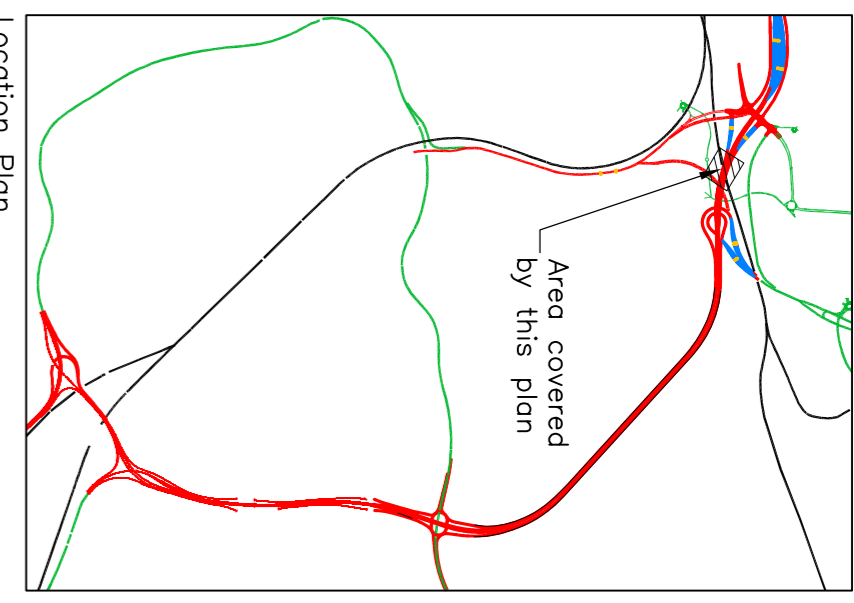


SOUTH ELEVATION  
Scale 1:500



CROSS SECTION THROUGH DECK  
Scale 1:200

Geotechnical Information		
Description	Depth (b.g.l.)	SPT 'N' Values
Made ground	0-8m	
Alluvium	3-3.12m	
Glacial deposits	8-18.39m	8-35 (Clay)
		5-15 (Sand)
No bedrock encountered		



Location Plan

- All dimensions shown are in millimetres unless noted otherwise.
- All levels are in metres above ordnance datum (m A.O.D.) unless noted otherwise.
- Structure is a multi span viaduct consisting of a post tensioned deck on intermediate column supports.
- Piled foundations indicated as geotechnical information confirms that bedrock is at considerable depth.
- Geotechnical information taken from Form 'C' using latest B.H. information.
- Parapets to be normal containment (N2) vehicle parapets in accordance with T.D./19.
- Bridge deck surface and subsurface water drainage to be combined kerb/drain system and through decks.
- Abutment back of wall drainage to consist of drainage layer and 150 diameter porous pipework connected into highway drainage via a rodable closed system.
- All exposed vertical concrete surfaces to receive a patterned profile finish with 50mm deep vertical feature grooves at 160mm centres.
- Scheme lighting to be 15 metre high masts as indicated by Halton Borough Council design.

Rev.	Drawn	Chkd.	PH	Apprvd	SWJ	Date	Description
1	LL	PH	SWJ	SWJ	SWJ	15.03.08	PLANNING DIRECTION

Client: **the mersey gateway**  
A BRIDGE TO PROSPERITY

Northwest  
REGIONAL DEVELOPMENT AGENCY

Project: **THE RIVER MERSEY (MERSEY GATEWAY BRIDGE) ORDER**

Drawing Title: **PLANNING DIRECTION VICTORIA ROAD VIADUCT GENERAL ARRANGEMENT**



20 Nicholas Street, Chester, CH1 2XK  
Tel: 01244 31955 Fax: 01244 31659 www.gifford.com

Scale (at A1)	Date	Drawn	LL
As Shown	NOV 2007	Drawn	LL

Dwg. no. **B4027/4/B/PL/300**

This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. Crown copyright. Unauthorised reproduction is prohibited. Licence No. 100018562 2007. Warrington, Borough Council Licence No. L6078989 2002.

