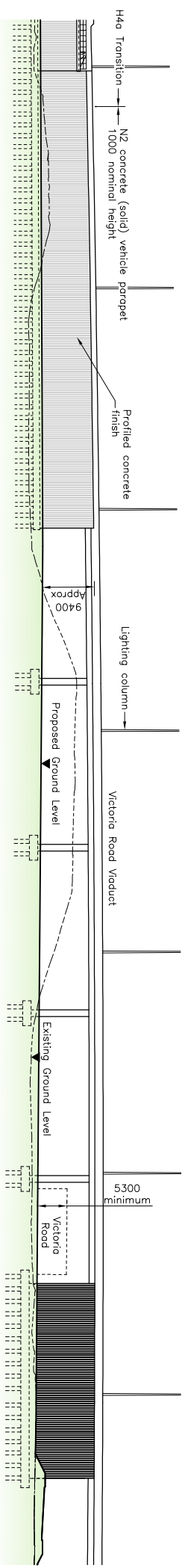


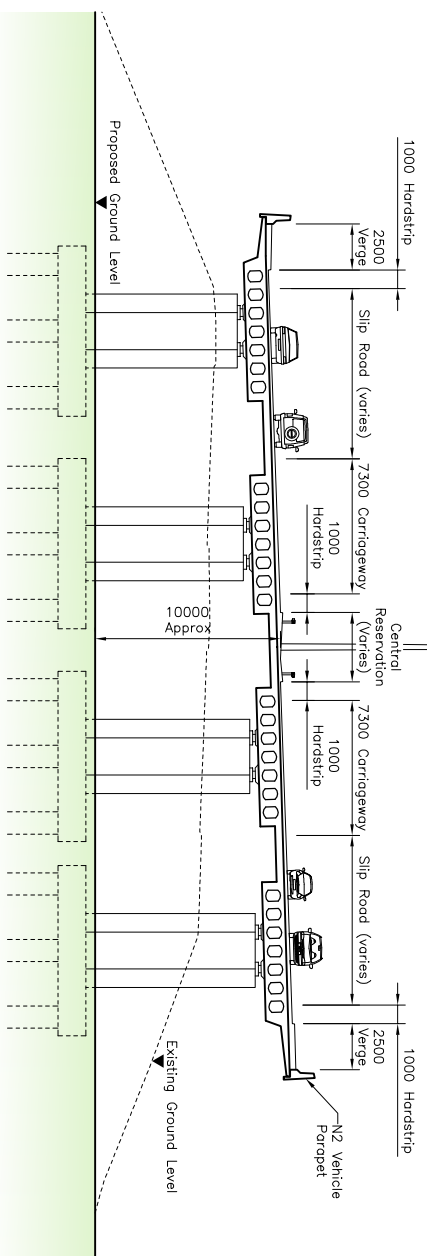
For details of Freight Line Railway Bridge refer to B4027/4/B/PL/200

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	
	No bedrock encountered	5-15 (Sand)



NOTES

1. All dimensions shown are in millimetres unless noted otherwise.
2. All levels are in metres above ordnance datum (m A.O.D.) unless noted otherwise.
3. Structure is a multi span viaduct consisting of a post tensioned deck on intermediate column supports.
4. Piled foundations indicated as geotechnical information confirms that bedrock is at considerable depth.
5. Geotechnical information taken from Form 'C', using latest B.H. information.
6. Parapets to be normal containment (N2) vehicle parapets in accordance with TD/19.
7. Bridge deck surface and subsurface water drainage to be combined kerb/drain system and through decks.
8. Abutment back of wall drainage to consist of 150mm diameter 150mm deep drainage pipework connected into highway drainage via a roddable closed system.
9. All exposed vertical concrete surfaces to receive a patterned profile finish with 50mm deep vertical feature grooves at 160mm centres.
10. Scheme lighting to be 15 metre high masts as indicated by Halton Borough Council design.

PLANNING APPLICATION	
Rev.	Description
1	Drawn J.L.
2	Chkd. PH
3	Apprvd. SWJ
4	Date 15.03.07

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

Northwest
REGIONAL DEVELOPMENT AGENCY

Project: **THE MERSEY GATEWAY**

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

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Scale (of A1): **As Shown** Date: **NOV 2007** Drawn: **LL**

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