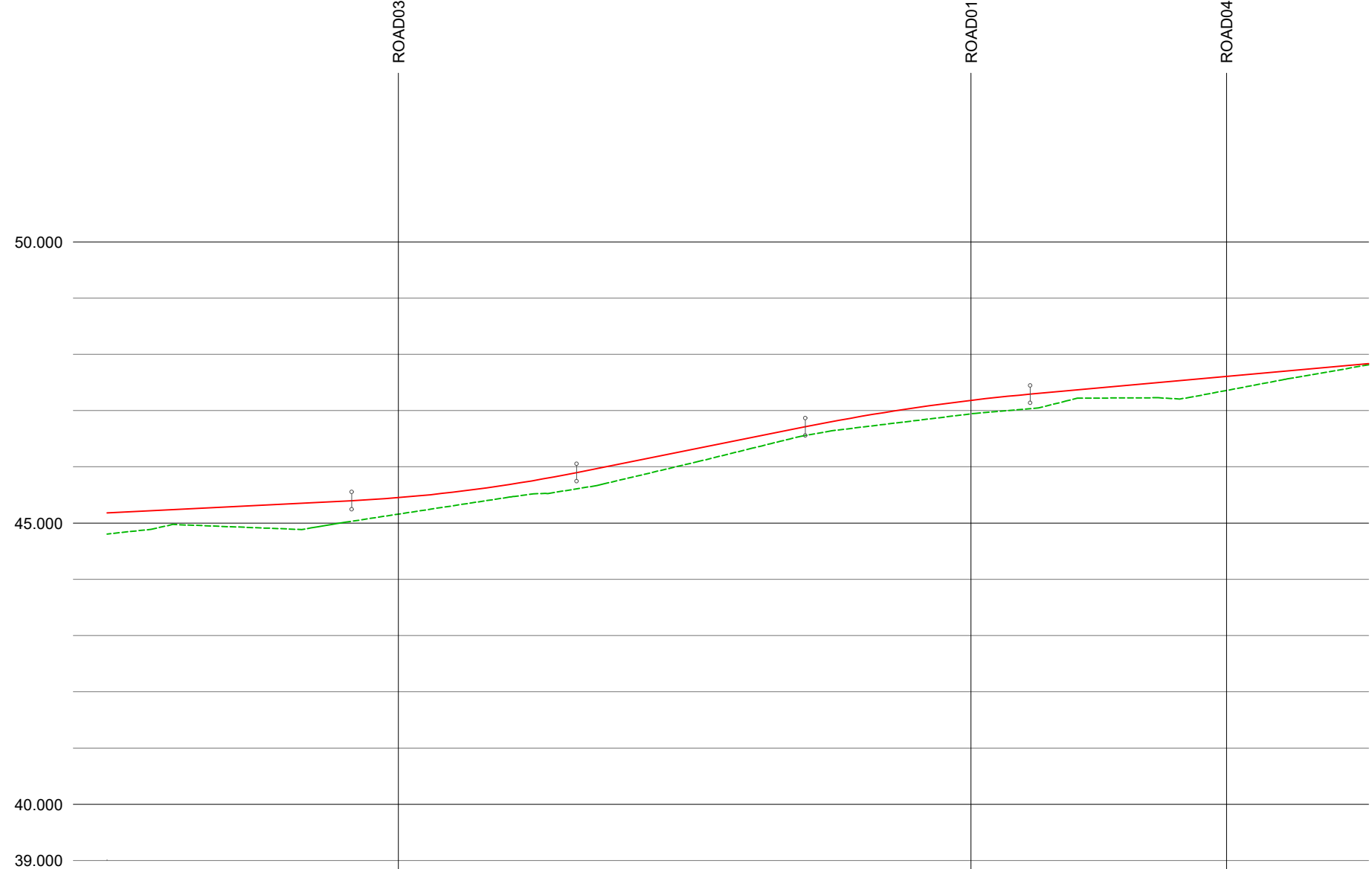


ROAD01	41.000
CHAINAGE	0.000
EXISTING GROUND LEVEL	46.482 46.573 5.799 5.907 9.298 10.000 15.000 20.000 25.000 29.398 30.000 39.917 40.563 47.248 48.598
ALIGNMENT LEVELS	46.482 46.573 46.573 47.982 47.982 47.764 47.596 47.197 47.479 47.410 47.227 47.380 47.311 47.311 47.305 47.260 47.248 48.598
VERTICAL ALIGNMENT	-5.000% 1: 20.0 1: 100.0 KF= 5.0 L= 20.000 G= 1.000% 1: 100.0
HORIZONTAL ALIGNMENT	
LEFT HAND CHANNEL	48.125 48.205 48.118 47.913 46.051 47.695 47.833 47.528 47.665 47.410 47.547 47.341 47.479 47.291 47.429 47.242 47.380 47.298 47.313
RIGHT HAND CHANNEL	



ROAD02	39.000
CHAINAGE	0.000
EXISTING GROUND LEVEL	45.180 44.895 45.230 45.380 44.943 10.000 45.330 45.380 44.975 20.000 21.755 25.000 25.314 25.314 30.000 35.000 38.219 40.000 41.755 46.027 46.227 46.572 50.000 57.289 60.000 61.533 65.000 68.000 70.000 71.000 76.827 80.000 82.099 85.289 90.000 95.000 100.000 104.057 110.000 112.208
ALIGNMENT LEVELS	45.180 45.230 45.380 44.943 45.330 45.380 44.975 45.438 45.531 45.594 45.682 45.830 45.551 46.027 46.227 46.572 46.427 46.627 46.460 60.000 61.533 65.000 68.000 70.000 71.000 76.827 80.000 82.099 85.289 90.000 95.000 100.000 104.057 110.000 112.208
VERTICAL ALIGNMENT	G= 1.000% 1: 100.0 KF= 6.66667 L= 20.000 G= 4.000% 1: 25.0 L= 20.000 KF= -9.09091 G= 1.800% 1: 55.6
HORIZONTAL ALIGNMENT	8.750 17.800 0.850
LEFT HAND CHANNEL	45.111 45.111 45.101 45.211 45.281 45.311 45.311 45.309 45.462 45.593 45.701 45.807 46.000 46.199 46.398 46.496 46.599 46.696 46.754 46.881 46.924 47.062 47.097 47.205 47.162 47.320 47.275 47.412 47.385 47.502 47.405 47.502 47.545 47.682 47.686 47.795 47.644 47.795 47.734 47.854 47.773 47.893
RIGHT HAND CHANNEL	

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GENERAL NOTES

- This drawing is to be read in conjunction with relevant architectural and engineering drawings.
- Levels indicated in blocks are Finished floor levels and are 150mm above adjacent finished ground levels unless otherwise shown.
- Levels of the existing road at the point of tie-in with proposed site road must be checked prior to commencement of works.
- Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.
- The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc., whether or not specifically stated on this drawing.
- This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspected fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.
- Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted to as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

ADOPTABLE ROADS AND SEWERS

- Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.
- Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Design & Construction Guidance For Foul & Surface Water Sewers Under Code For Adoption - 2007" with any amendments specified by the Adopting Water Authority.
- All pipes to be used in adoptable sewerage shall be either clayware to BS EN 295 or concrete to BS EN 1916 and BS 5911: Part 1 with Class S bedding unless otherwise stated. With approval of the Adopting Authority solid wall concrete external rib reinforced uPVC pipes complying with the relevant provisions of BS EN 13476 may be used.
- Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTP Type 1 material.
- Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete protection in accordance with the specification of the adopting authority and back filled to formation of the carriageway with well compacted DTP Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreglass at each pipe joint.
- All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to be reported to the Engineer immediately.
- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.
- Trench backfill to be stone backfill, excavated material is not accepted & trenches to be backfilled in 250mm layers.

-	First issue	24.01.21	RA
Rev.	Description	Date	By

Drawing Status

Schematic

These drawings are subject to Lancashire County Council approval as part of on-going consultations & design checks. Amendments may therefore be requested.

Client

Project

Neddy Lane
Billington

Title

Highway Longitudinal Sections
Sheet 1 of 2



BANNERS GATE

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