



Survey Information

ADOPTED CARRIAGEWAY CONSTRUCTION

Bituminous surfaces shall be bonded coated, prior to being overlaid, with a 50% polymer modified binder applied uniformly at a rate of 0.35 - 0.55 l/m<sup>2</sup>.

**Sub-base**  
40mm Rolled Asphalt (recipe mix) to BS5948:2007 Table 6B, HRA 30/14 F w/ut  
The coarse aggregate shall be in accordance with the requirements of BS EN 12620, excluding limestone and gravel. The fine aggregate shall be sand complying with the requirements of BS EN 12620. The binder shall be 40/60 per cent complying with BS EN 12591. Coated chippings shall be 20mm nominal size to EN 12620 Part 4, and have a minimum Polished Stone Value (PSV) of 60. The chippings shall be applied at a rate of 8.5 +/- 1.0kg/m<sup>2</sup> and rolled to obtain a textured surface.

**Slur**  
70mm of 20mm size HCM binder course to BS EN 13108: Part 1 with 100/150 pen bitumen.

**Base**  
70mm of 20mm size dense base to BS EN 13108: Part 1 with 100/150 pen bitumen.

**Sub-base**  
CBR<4% - 150mm thickness of Type 1 granular sub-base material to SHW clause B03.

2%CBR<8% - 150mm thickness of Type 1 granular sub-base material to SHW clause B03 over 400mm thickness of G7 capping material.

CBR<2% - 150mm thickness of Type 1 granular sub-base material to SHW clause B03 over 600mm thickness of G7 capping material.

SHARED ACCESS CONSTRUCTION

Bituminous surfaces shall be bonded coated, prior to being overlaid, with a 50% polymer modified binder applied uniformly at a rate of 0.35 - 0.55 l/m<sup>2</sup>.

**Sub-base**  
40mm Rolled Asphalt with (RED CHIPPINGS) (recipe mix) to BS5948:2007 Table 6B, HRA 30/14 F w/ut  
The coarse aggregate shall be in accordance with the requirements of BS EN 12620, excluding limestone and gravel. The fine aggregate shall be sand complying with the requirements of BS EN 12620. The binder shall be 40/60 per cent complying with BS EN 12591. Coated chippings shall be 20mm nominal size to EN 12620 Part 4, and have a minimum Polished Stone Value (PSV) of 60. The chippings shall be applied at a rate of 8.5 +/- 1.0kg/m<sup>2</sup> and rolled to obtain a textured surface.

**Slur**  
70mm of 20mm size HCM binder course to BS EN 13108: Part 1 with 100/150 pen bitumen.

**Base**  
70mm of 20mm size dense base to BS EN 13108: Part 1 with 100/150 pen bitumen.

**Sub-base**  
CBR<4% - 150mm thickness of Type 1 granular sub-base material to SHW clause B03.

2%CBR<8% - 150mm thickness of Type 1 granular sub-base material to SHW clause B03 over 400mm thickness of G7 capping material.

CBR<2% - 150mm thickness of Type 1 granular sub-base material to SHW clause B03 over 600mm thickness of G7 capping material.

ADOPTED FOOTWAY CONSTRUCTION

**Sub-base**  
20mm of 6mm dense surface course to BS EN 13108: Part 1 with 100/150 pen bitumen.

**Slur**  
60mm of 20mm dense binder course to BS EN 13108 with 100/150 or 100/220 pen bitumen.

**Sub-base**  
200mm of Type 1 granular sub-base (limestone).

ADOPTED VEHICULAR CROSSING CONSTRUCTION

**Sub-base**  
20mm of 6mm dense surface course to BS EN 13108: Part 1 with 100/150 pen bitumen.

**Slur**  
20mm of 20mm dense binder course to BS EN 13108 with 100/150 or 100/220 pen bitumen.

**Sub-base**  
200mm of Type 1 granular sub-base (limestone).

ADOPTED GRANITE SETTS CROSSING CONSTRUCTION

**Sub-base**  
100mm nominal size granite (or similar approved) sets bedded on 30mm thickness of mortar in accordance with BS 7533.

**Base**  
150mm thick GENC concrete base.

**Sub-base**  
200mm of Type 1 granular sub-base (limestone).

UNADOPTED IMPERMEABLE SHARED ACCESS CONSTRUCTION

To Redrow Standard Detail  
R-SC0116, Part 1 - Private Shared Tarmac Driveway

TACTILE PAVING

Maximum acceptable fall gradient shall be not greater than 1 in 12.  
425x425x20mm concrete 'half squares' under type rubber paving on 25mm designation (II) mortar SHW Clause 2404 on 100mm granular sub-base type 1 (or B03).

KERBS & EDGING CONSTRUCTION

All kerb construction shall have a minimum 150mm depth/thickness of grade S1 concrete bed and bedding, and shall comply with Lancashire County Council kerb details.

- HALF BATTERED KERBS**  
125x25mm PCC Half battered kerbs (H&B) to BS EN 1339, set with 100mm upstand.
- BULLNOSE KERBS**  
125x150mm PCC Bullnose kerbs to BS EN 1339, set with 60mm upstand.
- BULLNOSE KERBS**  
125x150mm PCC Bullnose kerbs to BS EN 1339, set with 25mm upstand.
- BULLNOSE KERBS**  
125x150mm PCC Bullnose kerbs to BS EN 1339, set with 0-6mm upstand to pedestrian crossing.
- DROP KERBS**  
125x150mm PCC H&B to SH dropper kerbs.
- EDGING KERBS**  
Flat top PCC edging 200x50mm to BS EN 1339, set flush with footway surface.

C	09.05.22	Grass verge removed from and standard footpath to be installed instead.	CLB
B	17.09.21	Road 1 turning head updated to match architects design.	CLB
A	22.07.21	Base course updated to 32mm and dropped kerbs added to drawing.	CLB
Revision	Date	Amendment	Initials

Development	<b>BILLINGTON</b>		
Location	<b>NEDDY LANE</b>		
Marketing Name	<b>CALDER GRANGE</b>		
Drawing Title	<b>HIGHWAY DETAILS</b>		
Drawing Number	<b>4441/ENG/002</b>		
Revision	<b>C</b>	Scale @ A1	<b>1/500</b>
Drawn By	<b>CLB</b>	Date Started	<b>23.04.21</b>
Checked by	-	Date	-

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This layout has been designed after due consideration of our Context & Constraints Plan