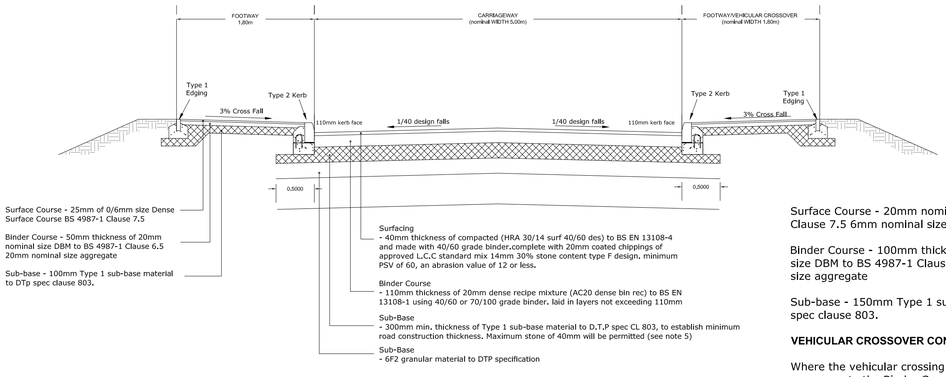


TYPICAL ADOPTABLE BITUMINOUS ROAD CONSTRUCTION
ROAD 1 (PART) - CATEGORY TYPE 3 ROAD (CBR 2%)

CBR & SUB-BASE TABLE

CBR VALUE	SUB-BASE
~~Less than 2%~~	~~Refer to clause 1.2~~
~~2%~~	~~300mm~~
~~3% to 4%~~	~~240mm~~
~~5% to 7%~~	~~225mm~~
~~8% to 14%~~	~~210mm~~
~~15% and greater~~	~~200mm~~

IN ANY EVENT THE TOTAL CONSTRUCTION
THICKNESS OF ANY CARRIAGEWAY SHALL
NOT BE LESS THAT 450mm

Surface Course - 20mm nominal size DBM BS 4987-1
Clause 7.5 6mm nominal size aggregate

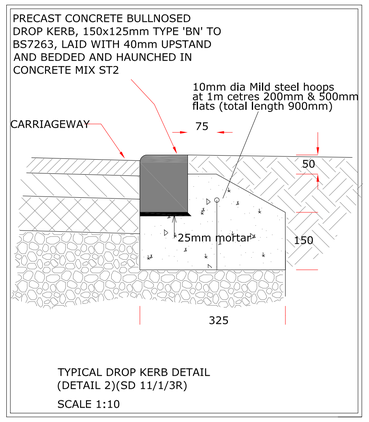
Binder Course - 100mm thickness of 20mm nminal
size DBM to BS 4987-1 Clause 6.5 20mm nominal
size aggregate

Sub-base - 150mm Type 1 sub-base material to DTp
spec clause 803.

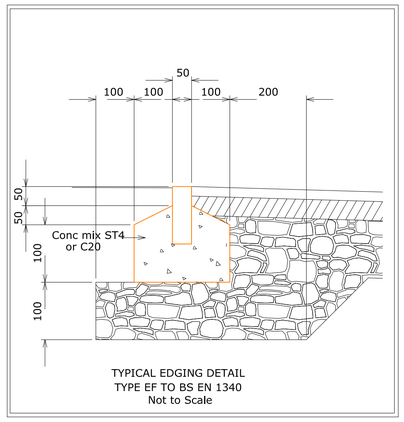
VEHICULAR CROSSOVER CONSTRUCTION NOTE:

Where the vehicular crossing is serving more than
one property the Binder Course thickness is to be
increased to 150mm using any of the following;

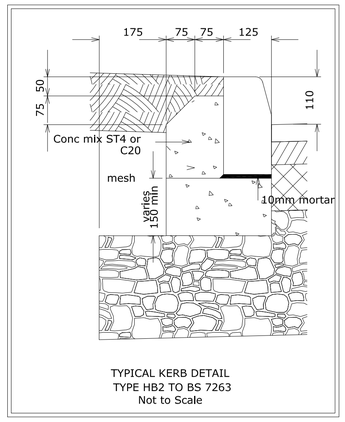
1. Binder Course - 150mm thickness 40mm
   nominal size DBM to BS 4987-1
2. Binder Course - 150mm thickness of 28mm
   nominal size DBM
3. Binder Course - 150mm thickness of 20mm
   nominal size DBM



TYPICAL DROP KERB DETAIL
(DETAIL 2)(SD 11/1/3R)
SCALE 1:10

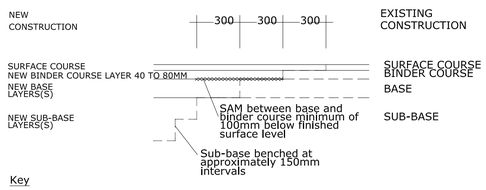


TYPICAL EDGING DETAIL
TYPE EF TO BS EN 1340
Not to Scale



TYPICAL KERB DETAIL
TYPE HB2 TO BS 7263
Not to Scale

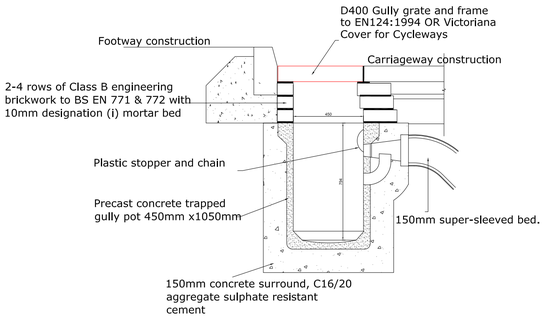
STEPPED CONSTRUCTION DETAIL



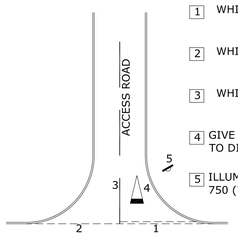
Key

SAM (Stress Absorbing Membrane) to be either :
Glasgrid Mesh or Colas performed SAM or TOK
Paving tape or similar approved.

Boundary between New and Existing Construction



Trapped Carriageway Gully



1. WHITE LINING IN THERMOPLASTIC SCREED TO DIAG NO. 1003 600mm LONG, 300mm GAP, 200mm WIDE
2. WHITE LINING IN THERMOPLASTIC SCREED TO DIAG NO. 1009 600mm LONG, 300mm GAP, 100mm WIDE
3. WHITE LINING IN THERMOPLASTIC SCREED TO DIAG NO. 1004 4000mm LONG, 2000mm GAP, 100mm WIDE
4. GIVE WAY MARKING IN WHITE THERMOPLASTIC SCREED TO DIAG NO. 1023 3750mm HIGH
5. ILLUMINATED GIVE WAY SIGN TO DIAGRAM NO 602 SIZE 750 (750 MINIMUM CLEARANCE TO EDGE OF SIGN)

JUNCTION ROAD MARKINGS AND SIGNAGE

NOTE
Diagram Nos refer to Traffic Signs
Regulation and general Directions

KERBING NOTES

1) Kerb Detail

Kerb Beams and Backing:
Kerb beams shall be constructed of ST1 concrete to SHW Clause 2602 not less than 150mm thick and 425mm wide. The kerbs shall be backed with ST1 concrete to a thickness of no less than 300mm, to within 50mm of the top of the kerb. Kerb foundations to ve shuttered on both sides.

Kerbs - General Requirements:

Dropped kerb detail shall be 150 x 125 to BS EN 1340:2003 Type BN.

Kerb foundations to be shuttered on both sides. Kerb beam to be 425 x 150mm min. thickness of ST1 Concrete.
as above to within 25mm of the top of kerb.

No cut kerb shall be less than 300mm in length.

2) Edging Detail

150 x 50 PC edgings to BS EN 1340:2003 Type EF shall be provided. Bedded on 200 x 100 mm thick ST1 concrete and backed (both sides) with concrete to within a minimum of 40mm from the top of the edging.

3) All road work to be carried out in accordance with Lincolnshire County Council's department of Transportation latest guidance

GULLY NOTES

1. Cover and frame uncoated iron to Clause 5.9.4
2. Mortar bed and benching to Clause 15.
3. Bricks to be Class B engineering bricks to BS3921 (single course where necessary to obtain satisfactory fall. Corbelled if required. Frames to be bricked on all four sides.
4. Position of outlet pipe varies in plan.
5. All in situ concrete to be C16/20 with sulphate resisting cement unless agreed otherwise.
6. In situ C16/20 concrete 150mm thick surround to outlet pipe for first one metre under verge or total length if under carriageway.
7. Where grating is to be trafficked or laid against within 24 hurs of frame being placed in position, then a suitable Ultra rapid hardening mortar and concrete (Monoset 241 or similar) shall be used to be cover and frame.

REV	DATE	DESCRIPTION/REASON FOR ISSUE	APPR
A	17/9/15	ROAD STRUCTURE ALTERED & TACTILE REMOVED	MRF

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TITLE
Proposed Residential Development
Ye Olde Dun Cow, Barrier Bank
Cowbit, Spalding, PE12 6AL
Highway Construction Details

ORIG	DATE
JTC	July 2015
CHKD	SCALE 1:200 @ A1
APPR	DRAWING NO 1591-99 REV A

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