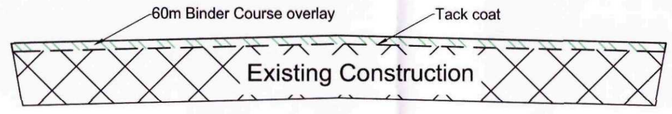


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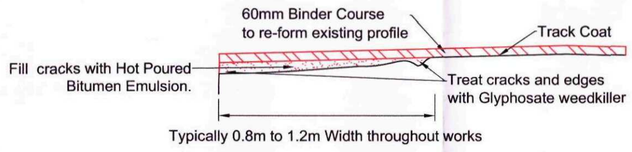
- Type 1
- Type 2
- Type 3
- Road Traffic Sign
- Existing Highway Embankment Batter
- Swale/Ditch Batter

Type 1



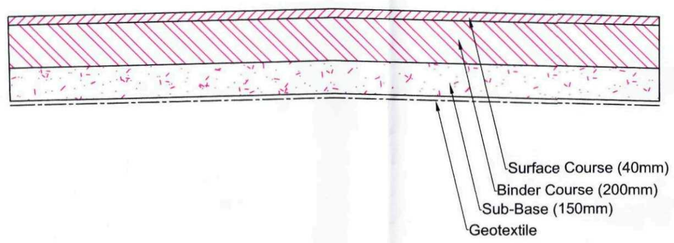
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Type 2



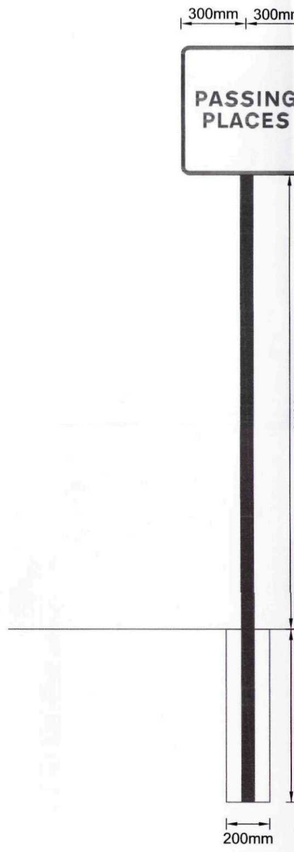
Scale: 1:50

Type 3



Scale: 1:50

Sign Detail



SIGN DETAILS:
Dimensions (mm):
Width: 600, Height: 600
x-Height: 50
Area: 0.36 sq m

Colours:
black (Text) on white (Background)
Material: BS EN 12899-1:2007
class: RA2/R2

STRUCTURE DETAILS:

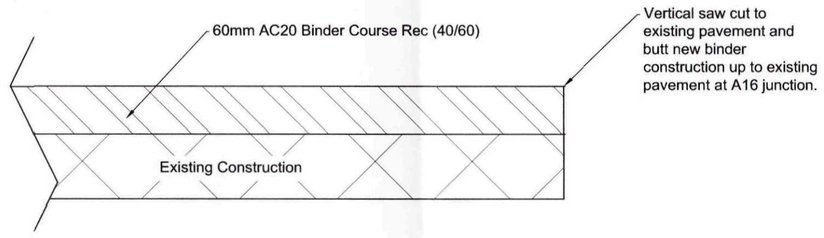
Structure Details:
1 no. Steel circular section S275:
60.3mm O.D. 3mm thick
Support length: 3500 mm

Passively safe to BS EN 12767:2007
BS EN 12899-1:2007 classes:
WL5, TDB5, PL3, PAF1

Planted foundation to BD 94/07:
Soil type: poor or unknown
Height of footing: 800 mm
Diameter of footing: 200 mm

Scale: 1:50

Detail A



Scale: 1:10

Bill Of Quantities

Surface Course	16.70m^3
Binder Course	158.50m^3
Sub-base	62.50m^3
Cationic Bitumen Emulsion	7.50m^3
Geotextile	420.00m^2
Tack Coat	1250m^2

Assumptions
- Emulsion quantity determined on the assumption of 1m wide and 0.03m depth.
- All quantities will need verifying during Detailed Design.

AMENDED PLAN
Ref. A1

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DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. CHECK ON SITE AND REPORT ALL DISCREPANCIES TO MORGAN TUCKER.

Notes:

1. If this drawing has been received electronically it is the recipient's responsibility to print the document to the correct scale.
2. All dimensions are in meters unless otherwise stated.
3. Until technical approval has been obtained from the relevant authority, it should be understood that all drawings issued are preliminary and not for construction.
4. All levels to be confirmed on site prior to construction, following full topographical survey & drainage levels survey information and current existing services plans & maps.
5. All Road works to be constructed in accordance with the latest revision of the Lincolnshire County Council (LCC) Development Road Specification and Construction (DRSC) 2014 Edition.

Construction Specifications:

Surface Course:

10mm size Close Graded Surface Course (AC 10 close surf 70/100 or 100/150) to Clause 7.3 of the LCC (DRSC) 2014. Compacted in accordance with Clause 7.2 (DRSC) to a void content within the range 2%-10%.

Binder Course:

20mm size recipe mix dense Binder course (AC 20 Dense Bin 40/60 rec) to Clause 9.1 (DRSC) and shall be laid in a single layer or combination of layers no less than 50mm in thickness or greater than 110mm in thickness.
Compaction must be in accordance with Clause 7.2 (DRSC) to a void content within the range 2% to 8% and all layers must be bonded together.

Sub-Base:

Granular Type 1 sub-base to conform with Clause 8.1 (DRSC). A minimum in-situ CBR value of 30% and/or a minimum stiffness of 35MPa should be achieved in accordance with Clause 8.2 (DRSC).

Tack Coat:

The surface should be thoroughly cleaned prior to the application a C40B4 track coat of cationic bitumen emulsion to BS EN 13808. Allow the emulsion to 'break' prior to the application of the Binder course.

Cationic Bitumen Emulsion:

Confirming to BS EN 13808 having a minimum cohesion by pendulum test in accordance with BS EN 13808 table 4 Clause 4 and applied in accordance with Clause 5.5.2 BS 594987:2010. The rate of spread for bond coats shall be 0.35kg/m^2 of residual binder.

Geotextile:

Terram 1000 Geotextile

SHDC
Planning & Development
10 SEP 2015
Ref: 0663-15

Rev	Amendment	Date	By
A	Drawing amended with South Holland District Council Site plan.	28/10/14	HH
B	Amended based on LCC revised spec	20/05/15	HH
C	Type 1 Construction Detail Section Revised	16/06/15	HH

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E-Mail:- info@morgantucker.co.uk
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Client: South Holland District Council

Project Title: Drain bank north, Cowbit, Spalding

Drawing Title: General layout

Drawn By	Checked By	Approved By
HH	AW	SAH

Date	Scale @ A1
22/10/2014	AS STATED

Purpose: Preliminary

Drawing Number: JN1751-NWK-001

Rev: C