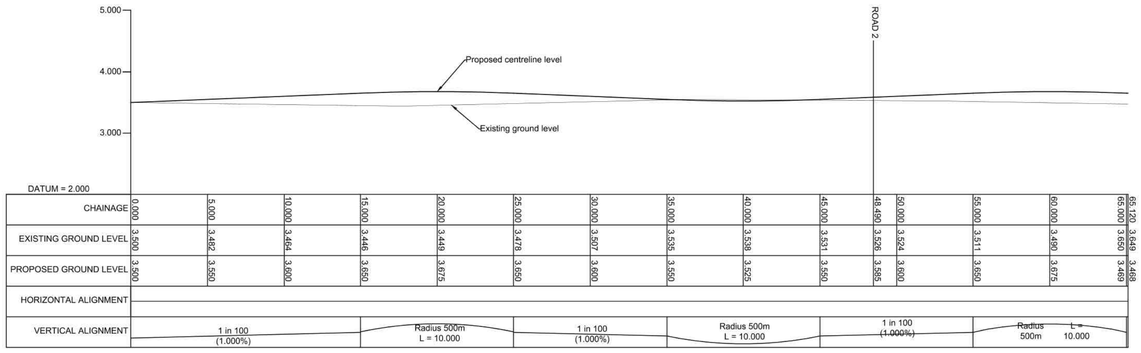
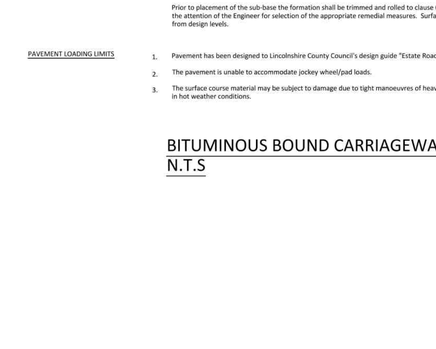




LONG SECTION THROUGH ROAD 1
1:200 Horiztonal, 1:50 Vetical



LONG SECTION THROUGH ROAD 2
1:200 Horiztonal, 1:50 Vetical

NOTES & SPECIFICATION

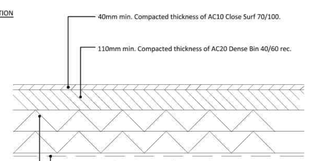
Pavement construction shown below shall be generally constructed in accordance with the current Highways Agency Manual of Contract Documents for Highway Works, Volume 1, Specification for Highway Works (MCHW) in particular the 600, 700, 800 and 900 series clause numbers refer to this specification.

Bituminous mixtures shall be to the current BS EN 13108 series, BS 594987 and BSI PD 6691.

340mm compacted thickness of granular sub-base alone will carry up to 1000 standard 8 tonne axles producing up to 50mm of rutting in turning as based on a sub grade CBR of 4%. Additional thickening to carry construction traffic in excess of 1000 standard 8 tonne axles will be required. Any surface damage to the sub-base due to the construction traffic shall be repaired to the satisfaction of the Engineer prior to the placement of the bound materials.

Where pavements are constructed on subgrades that have volume change potential and where roots of vegetation are below the pavement formation, there is a risk that movement may occur resulting in cracking being evident in the surface course, particularly during prolonged periods of dry weather. To reduce this risk, the formation depth shall be increased.

PAVEMENT CONSTRUCTION
Bound Materials:



Unbound Materials:

340mm min. compacted thickness of type 1 granular sub-base to clause 803 compacted to clause 802. Surface level tolerance shall be +10mm and -30mm from the design levels.

FORMATIONS/SUBGRADE

Subgrade deemed frost susceptible and assumed to exhibit a CBR value of 2% refer to adjacent table for sub-grade thickness based on CBR of localised ground.

Prior to placement of the sub-base the formation shall be trimmed and rolled to clause 616. Any soft areas shall be brought to the attention of the Engineer for selection of the appropriate remedial measures. Surface level tolerance be +20mm and -30mm from design levels.

PAVEMENT LOADING LIMITS

1. Pavement has been designed to Lincolnshire County Council's design guide "Estate Road Construction"
2. The pavement is unable to accommodate jockey wheel/pad loads.
3. The surface course material may be subject to damage due to tight manoeuvres of heavy vehicles and fork lift trucks particularly in hot weather conditions.

BITUMINOUS BOUND CARRIAGEWAY
N.T.S

Rev.	Date	By	Description
B	29.10.20	SEA	Carriage way construction ammended
A	02.09.18	SEA	Footpath extended to connect to existing footpath on Withington Street.

SEA
STRUCTURAL ENGINEERS
[CONSULTING CIVIL & STRUCTURAL ENGINEERS]
E: enquires@seastructuralengineers.co.uk
T: 01832 272352

PROJECT
RESIDENTIAL DEVELOPMENT
WITHINGTON STREET
SUTTON BRIDGE

DRAWING
ACCESS ROAD DETAILS

SCALE: 1:200 @A0	DATE: 30.06.2019
DRAWN BY: SEA	REV: B
STATUS: FOR PLANNING	

DWG No: 1886/S/E12 B