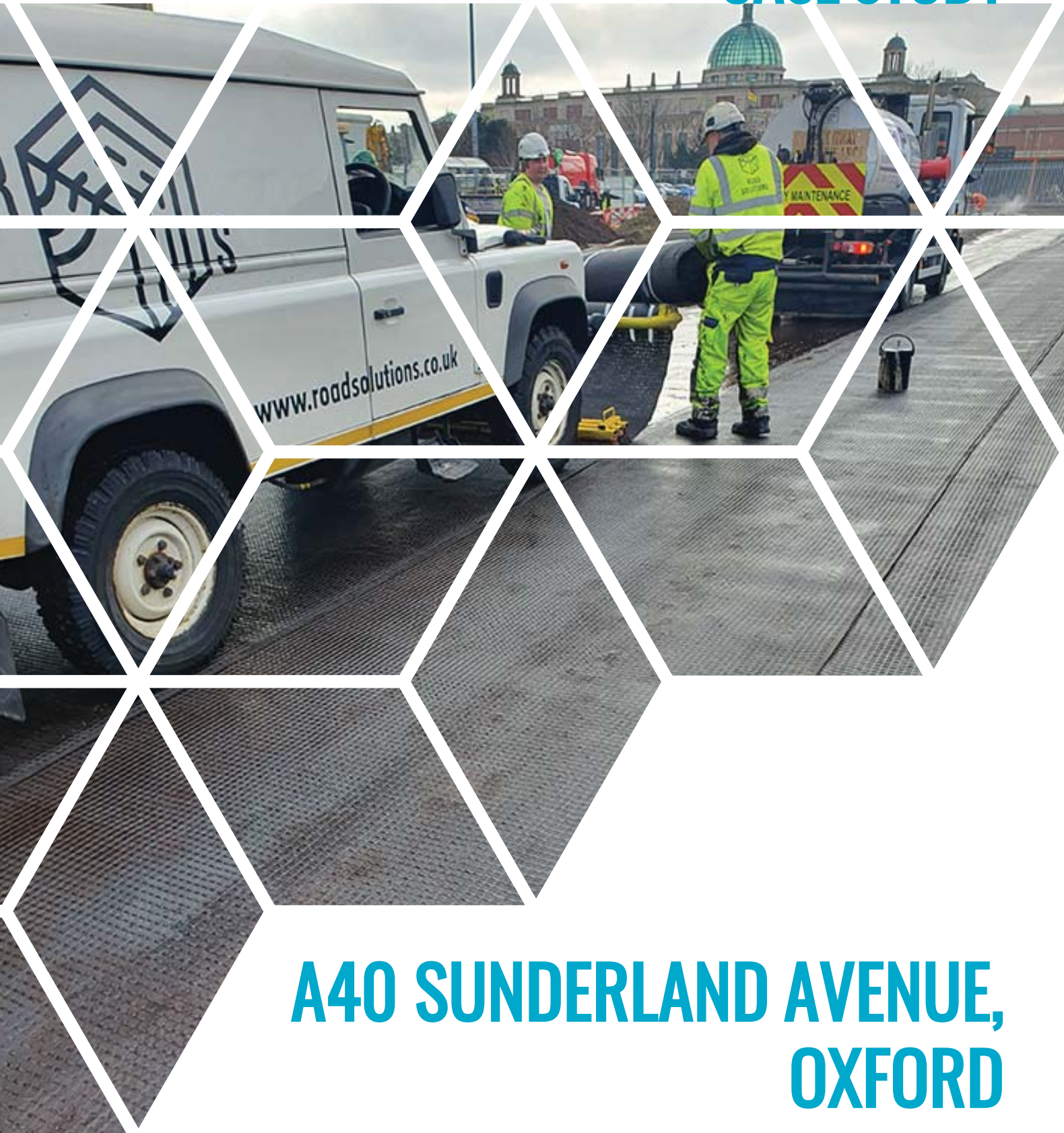


Version 1.0

09.02.23

CASE STUDY



A40 SUNDERLAND AVENUE, OXFORD



ROAD SOLUTIONS LTD
Unit 14, Fall Bank Industrial Estate,
Dodworth, Barnsley, S75 3LS, UK

Tel: +44 (0) 7788806676
enquiries@roadsolutions.co.uk
www.roadsolutions.co.uk





Road Solutions Ltd

CASE STUDY

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Issue: 01

Date: 20/07/2017

Ref: CS/A40

Unit 14, Fall Bank Industrial Estate, Dodworth, Barnsley, S75 3LS

Approved: MJJ

Client: Oxford City Council

Main Contractor: Toppesfield Ltd

Road Location: A40 Sunderland Avenue, Oxford, OX2 8DX

Road Type: Single carriageway

Description of Work: Road reconstruction incorporating asphalt reinforcement system

Geosynthetic Installed: ALFA-MESH GR-G 100/100/100PP

Area: 6677m²

Bitumen Bond Coat: Polybond 50 applied at 1.0 L/m²

Installation Records: Quality Manual & Installation Assessment Forms

Crack Map Survey: N/A

THE ROAD PROBLEM

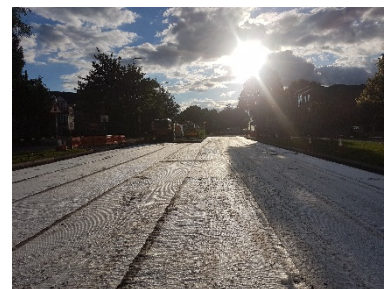
Reflective cracking, rutting and fatigue to single carriageway.


THE ROAD SOLUTION

A design incorporating ALFA-MESH 100 pavement reinforcement system to prevent the reoccurrence of reflective cracking, rutting and fatigue. ALFA-MESH 100 was installed by the Road Solutions Ltd team of certified and experienced operatives, working over day shifts. Output average 2250m² per shift.

THE ROAD CONSTRUCTION

Plane out 160mm, install ALFA-MESH 100 onto 100mm SMA asphalt binder course, overlay with 60mm SMA surface course, white line.



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	CASE STUDY	Issue: 01 Date: 20/07/2017 Ref: CS/A40
Unit 14, Fall Bank Industrial Estate, Dodworth, Barnsley, S75 3LS		Approved: MJJ

THE CONTRACT SUMMARY

NCR'S: None

COMPLAINTS: None

COMPLETION CERTIFICATE: N/A

CUSTOMER FEEDBACK: N/A

CUSTOMER SATISFACTION QUESTIONNAIRE SCORE: N/A

SUMMARY: All work completed and signed off as satisfactory by the client.