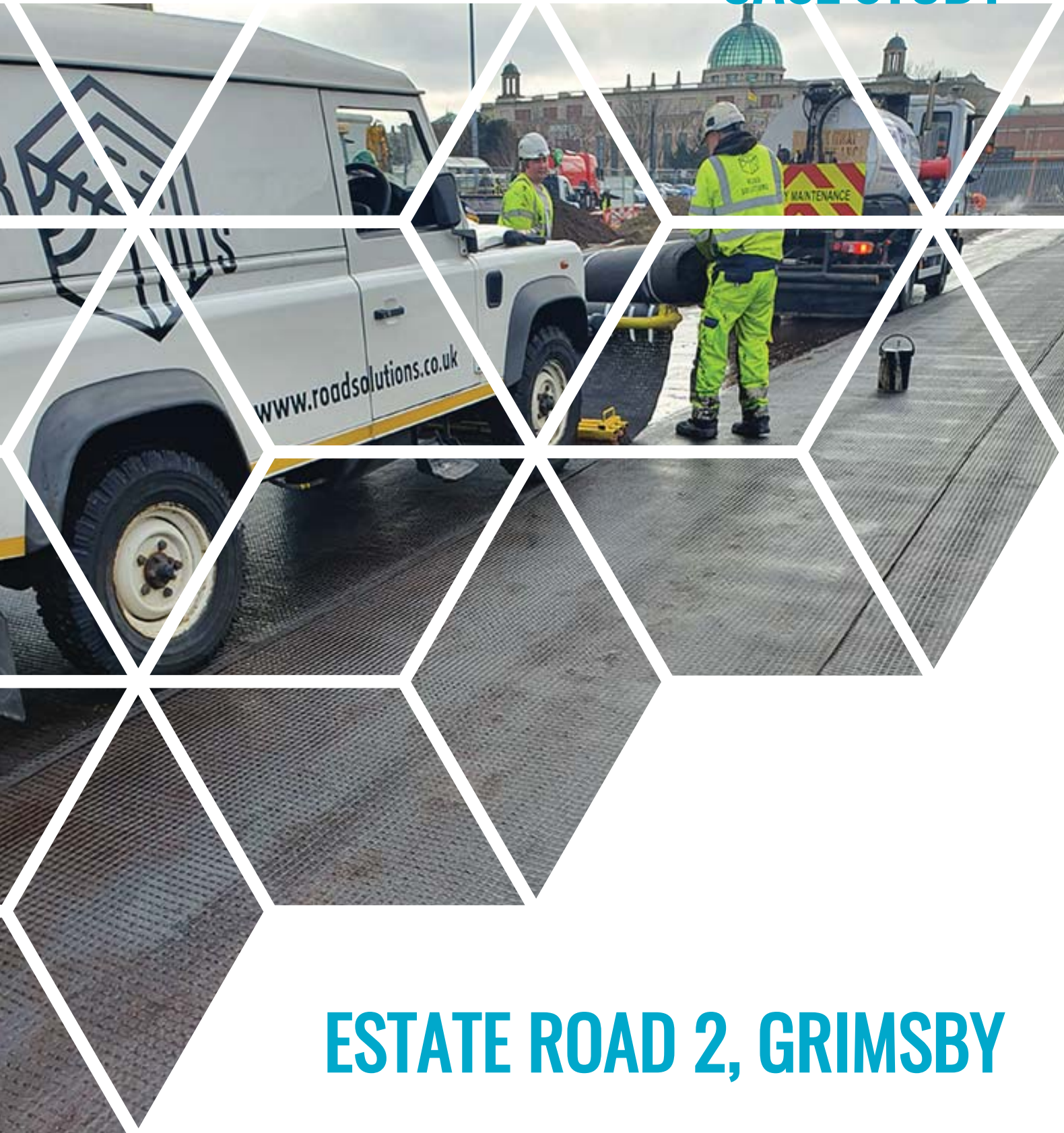


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# CASE STUDY




## ESTATE ROAD 2, GRIMSBY



**ROAD SOLUTIONS LTD**  
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	<b>CASE STUDY</b>	Issue: 01 Date: 05/10/2020 Ref: CS/ESTATE
<b>Unit 14, Fall Bank Industrial Estate, Dodworth, Barnsley, S75 3LS</b>		<b>Approved: MJJ</b>

Client: East Riding of Yorkshire County Council  
 Main Contractor: EC Surfacing Ltd  
 Road Location: Estate Road 2, South Humberside Industrial Estate, Grimsby, DN31 2TG  
 Road Type: Single carriageway  
 Description of Work: Road reconstruction incorporating asphalt reinforcement system  
 Geosynthetic Installed: PAVEGRID 100  
 Area: 6000m<sup>2</sup>  
 Bitumen Bond Coat: Colbond 65 applied at 1.0 L/m<sup>2</sup>  
 Installation Records: Quality Manual & Installation Assessment Forms  
 Crack Map Survey: N/A

### THE ROAD PROBLEM

Reflective cracking, rutting and fatigue to both carriageways.

### THE ROAD SOLUTION

A design incorporating PAVEGRID 100 pavement reinforcement system to prevent the reoccurrence of reflective cracking, rutting and fatigue. PAVEGRID 100 was installed by the Road Solutions Ltd team of certified and experienced operatives, working over day shifts. Output average 1000m<sup>2</sup> per shift.

### THE ROAD CONSTRUCTION

Plane out 240mm, install PAVEGRID 100 onto 120mm asphalt base course. Reconstruct with 80mm SMA binder course, overlay with 40mm SMA surface course, white line.



### THE CONTRACT SUMMARY

NCR'S: None  
 COMPLAINTS: None  
 COMPLETION CERTIFICATE: N/A  
 CUSTOMER FEEDBACK: N/A  
 CUSTOMER SATISFACTION QUESTIONNAIRE SCORE: 9/10  
**SUMMARY: All work completed and signed off as satisfactory by the client.**