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**Director of Engineering Memorandum****DEM 166/17****DEM TITLE:           Revision of Permitted Surface Course Options and  
Aggregate Specification for Pavement Surfacing**

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<b>Version :</b>	1
<b>Implementation Date:</b>	To be effective from the 'Date Issued'.
<b>Date issued to users:</b>	10 March 2017

<b>Level 1 (Title / Key Words) :</b>	Surfacing Aggregate, PSV, HD36/06, IAN 156/16 Rev.1
<b>Level 2 :</b> (Directorate/ <u>Owner</u> ):	Engineering
<b>Level 3: (TNIHQ or HoBU Managed Function):</b>	ES – Safety, Health, Environment and Pavement Engineering (SHEPE)
<b>Level 4 : (Work Areas)</b>	Highway Design, Contracts

**Purpose**

This memorandum implements the Highways Agency Interim Advice Note - IAN 156/16 Revision 1 – Revision of Permitted Surface Course Options and Aggregate Specification for Pavement Surfacing. IAN156/16 Revision 1 supersedes IAN156/12.

**Scope**

This DEM is aimed at anyone responsible for the design or specification of pavement surfacing.

**Background**

Volume 7 of the Design Manual for Roads and Bridges covers all aspects of pavement design. HD36/06 covers surfacing materials for pavement construction. Highways England has published an IAN (156/16 Revision 1) to revise specific requirements and guidance within HD36/06.

This IAN provides updated advice on the selection road surface course type and of polished stone value (PSV) of aggregates used in pavement surfacing. Recognition of the contribution of the type of surface course to the generation of tyre/road surface noise has been a limiting factor on the range of permitted surface course materials. Updated advice recognises that there may be situations where, subject to certain site specific conditions and constraints, a wider range of surfacing types can be permitted without restriction. Research has shown that the frictional properties of thin surface course systems (TSCS) incorporating aggregates with a nominal size of 10mm or less, are better than those for larger sized aggregates.

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**Implementation**

The policy set out in this memorandum shall take effect from the date of issue.

**Policy**

The Policy is set out in Highways Agency IAN 156/16 Rev. 1. This document should be read in conjunction with HD36/06 and can be viewed from the link below.

<http://www.standardsforhighways.co.uk/ha/standards/ians/pdfs/ian156r1.pdf>

Please note the following clarifications to IAN 156/16 Rev. 1 as implemented by TransportNI :

1. All references to Highways England in IAN 156/16 Rev. 1 shall be interpreted as TransportNI.

**DBFO Companies and External Consultants**

DBFO Companies and Consultants working on behalf of TransportNI and Developers should be informed of the content of this memorandum as appropriate.

**Equality**

No Section 75 equality issues arise from the introduction of this Memorandum as it addresses an internal procedural matter covering a technical issue.

P.B. Doherty  
Director of Engineering  
10 March 2017

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