

**ASSOCIATION OF DIRECTORS OF ENVIRONMENT
ECONOMY PLANNING AND TRANSPORT (ADEPT) ENGINEERING COMMITTEE
SOILS AND MATERIALS, DESIGN AND SPECIFICATION GROUP**

Thursday 4th March 2021 at 10.00

Venue: Via Microsoft Teams

MINUTES

<u>Present</u>	
Stephen Child (Chairman)	ADEPT
Andy Simms	Skanska (ex Bucks CC)
Lukash Manandhar	Transport for London
Donald Burton	Highways England
Emma Loach (Secretary)	Staffordshire County Council
Alan Ferguson	Transport Scotland
Michael Wright	Atkins (Corporate Member)
Andy Stevenson	WDM (Corporate Member)
John Booth	SOCOTEC (ex Dorset CC)
Rosie Birkett	Gravitas (International) Ltd
Helen Viner	On behalf of HE
Apologies	
Bob Noakes	Bob Noakes Engineers Ltd (ex Norfolk CC)
Martin McLaughlin	Transport Scotland
Martin Newton	Northumberland County Council
Bill Larner	MATtest Midlands
John Grimes	Enfield Council
Alan Menezes	Sheffield
David Blackburn	Dorset County Council
Ian McClung	Northern Ireland
Ian Walsh	Jacobs (ex Kent CC)
Keith Field	Cumbria County Council
Lucia De Ferrariis	Oxfordshire County Council
Distribution	
All of the above	
ADEPT Secretariat	ADEPT Secretariat
Hannah Bartram	ADEPT
Liz Kirkham	ADEPT Eng Board secretary (Glos CC)

Item		Action By
21/01	<u>Apologies and Welcome</u>	
	<p>Members were welcomed by Stephen Child.</p> <p>Present: Stephen Child, Andy Simms, Lukash Manandhar, Michael Wright, Donald Burton, Emma Loach, Alan Ferguson, Andy Stevenson, John Booth, Rosie Birkett, Helen Viner.</p> <p>Apologies: Bob Noakes, Martin Mclaughlin, Martin Newton, Bill Lerner, John Grimes, Alan Menezes, David Blackburn, Ian McClung. Lucia De Ferrariis, Ian Walsh, Keith Field,</p>	
21/02	Presentation: Flex MSE vegetated retaining wall and slope stabilisation system.	Rosie Birkett Gravitas (International) Ltd
	<p>Rosie gave a presentation with examples of the above retaining wall system. The aim is to replace the need for gabion baskets.</p> <p>They are waiting for BBA certification, but this has been delayed due to Covid.</p> <p>There was an offer to the group to be sent further information on the product.</p>	
21/03	Presentation: Volumetric Patch Replacement by MPD	Helen Viner on behalf of HE
	<p>Helen gave a presentation on the HE project to replace volumetric patch measurement. The main reasons for the project are safety due to the risk to operatives on site, current testing is just localised patches and inconsistencies between clauses in the HE specification.</p> <p>The long term aim is to find a laser measurement method that is consistent for immediate and long term monitoring. Looking at Mean Profile Depth Measurement.</p> <p>Alan Ferguson asked about correlation between methods. Helen stated that it varies between surface types but is fairly close.</p> <p>General discussion about the need to involve suppliers and also applicability to local roads. General agreement that local authorities would be interested, but wouldn't have much current understanding or experience.</p>	

	<p>The aim is to have something in place by 31st of March 2025. Also likely to be an interim arrangement.</p> <p><i>(Post Meeting Note: Presentation distributed as ADEPT SMDS 21/13 on 20th April 2021)</i></p>	
21/04	Minutes of 1st October 2020	
	<p>A. Accuracy The minutes of 1st October 2020 were accepted as accurate.</p> <p>Matters Arising from the Previous Minutes 19/41 – outstanding action for Andy Simms to provide information on alternative bridleway surfacing material. Emma to circulate Bridleway information provided by Andy Simms and add Bridleway Surfacing to the next agenda. <i>(Post Meeting Note: Report distributed as ADEPT SMDS 21/14 on 20th April 2021)</i></p> <p>20/51 – Action for Ian Walsh and Andy Simms to look at the carbon aspects of warm mix. Andy has been looking at Tarmacs use of Aspect Calculator to look at their plants and materials. Andy to share once he has permission from Tarmac.</p> <p>20/55 – Action for Chairman to progress gaining full local authority agreement for LA Annexes.</p>	<p>Chairman</p> <p>Emma Loach</p> <p>Andy Simms</p> <p>Chairman</p>
21/05	Qros and the Reclaimed Asphalt Guidance Document	
	<p>Question from Donald Burton. The document is reference in the HE documents and he wonders if Qros should be part of the guidance? Action for Andy Simms and John Booth to look at the wording but it will need to be reviewed by someone to check it is ok from a Waste Management perspective.</p> <p>Also an action for Emma Loach to ask the Laboratory Managers group to come up with some wording on possible process for use of Qros.</p>	<p>Andy Simms/ John Booth</p> <p>Emma Loach</p>
21/06	Advice Note on Bond Coat	
	<p>Chairman asked for an action for this to be reviewed by All. Opinion is also going to be sought from industry. Alan Ferguson thinks it is very important to encourage the use of bond coats, even in lower layers. Important to ensure that it is clear to prevent any confusion.</p> <p>John Booth mentioned that Paul Edwards had mentioned FWD report showing the benefits which might be useful.</p>	All

	<p>Action for Donald Burton to see if that document is available or anything else that HE might have.</p> <p>Action for all to share any useful documents.</p> <p>Action for Chairman to contact Andrew Hugill from CIHT to express ADEPT concerns.</p>	<p>Donald Burton</p> <p>All</p> <p>Chairman</p>
21/07	SMDS	
	<ul style="list-style-type: none"> • Membership BBA are corporate partners and have approached the group. It is likely they will have occasional attendance at meetings. • Regional Groups Keith Field – Helen Bailey has asked to join northern group. Agreement that this was ok. There is currently no chair, Chairman to raise with Hannah Bartram. 	Chairman
21/08	ADEPT Annual Workshop	
	Agreed to transfer item over to the next agenda as unable to plan due to uncertainty over current Covid restrictions.	
21/09	ADEPT/MPA Joint Meeting	
	<ul style="list-style-type: none"> • Minutes of previous meeting Have been circulated (<i>ADEPT SMDS 21/08 on 23rd February 2021</i>) • Warm Mix including carbon comparison draft guidance document. Documents have been circulated but no final agreement yet. 	
20/10	UK PLG	
	<p>Last meeting was the 9th March 2021. Has been quiet but will now have changes to MCDHW to look at.</p> <p>Action for John Booth to send meeting notes to Secretary for circulation.</p> <p><i>(Post Meeting Note: distributed as ADEPT SMDS 21/16 on 21st May 2021)</i></p>	
21/11	ADEPT Engineering Committee	
	Discussion on ADEPT SMDS being involved in the Future Highways Research Group looking at new equipment / methods and innovation.	
21/12	Highways England	
	<p>Donald reported that pavement team have been looking at KPI's and concrete renewals.</p> <p>1100 series is due to be published. Ian Walsh contributed to stone kerb section. Will also allow for Polymeric Kerbs with independent certification. Which must follow the</p>	

	<p>requirements of the section. There can be an issue with impact resistance compliance.</p> <p>800 series – CD226 needs to change because of new standards. Currently at the approvals stage.</p> <p>New clauses in 1000 series on repairs to concrete roads based on work by UKPLG.</p> <p>Next significant work is the complete rewrite of MCDHW. All the design elements will be put in DMRB documents which will be a significant change and require some new documents to be written. Deadline of March 2025.</p> <p>Andy Simms asked a question about missing guidance from the current documents. John Booth – the previous DMRB documents are available in the archive on standards for highways.</p>	
21/13	DMRB – ADEPT Document Reviews	
	See 21/04 for action on LA Annexes.	
21/14	ADEPT/RSTA Joint Meeting/Liaison	
	<ul style="list-style-type: none"> Minutes of previous meeting Have been circulated (<i>ADEPT SMDS 21/07 on 23rd February 2021</i>) 	
21/15	SCOTS Research projects update	
	Action Alan Ferguson to check if there has been an update since October 2020.	Alan Ferguson
21/16	BBA/HAPAS/PTS	
	No update	
21/17	ADEPT Representation	
	<p>John Booth - PD6691 is on hold due to issues with BS EN 13108. So not sure what will happen.</p> <p>B510/2 is working on a document on insitu and ex situ processes. Information on cementitious binders was removed but now has to be added back in. Document will be ready for comment soon.</p>	
21/18	Geotechnical Asset Group Forum	
	Action – Andy Simms and Emma Loach to find out who is the best contact for GAOF now that Steve Betteridge has retired.	Andy Simms / Emma Loach
21/19	ADEPT Southern and Northern Group Soils and Materials Group Regional Meetings	
	<p><u>Northern Group</u> No feedback</p> <p><u>Southern Group</u></p>	

	No minutes since last meeting. Action for John Booth to ask Simon Shearwood if he would like to be a member of SMDS.	
21/20	Newsletter	
	The bond coat topic will be used once the document is completed.	
21/21	Information Exchange	
	<p>Chairman – if anyone attends the webinar on Preventing Potholes and Improving Road Infrastructure, please can they send bullet points to Emma for circulation.</p> <p>John Booth mentioned that the current wheel tracking requirements for HRA in PD6691 seem to be too easy to achieve.</p> <p>Also there is no national guidance for Resin bonded surfaces. These are often used by local authorities, should there be a guidance document?</p> <p>Donald Burton stated HE have a departure for this type of work so it isn't in the HE specification.</p> <p>Andy Simms – has had a discussion with Tom Green about relationship between LWD and plate bearing for piling platforms. General discussion on if ADEPT should provide advice on this to its members. Action for Emma Loach and Andy Simms to look into it.</p>	<p>All</p> <p>Emma Loach/ Andy Simms</p>
21/22	Any Other Business	
	<p>None</p> <p><u>Date, Time and Place of future meetings.</u> The next meeting will be on 8th of July 2021. Currently booked as a Teams meeting due to Covid restrictions.</p>	