

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

Thursday 2 July 2020 at 9.30

Venue: Microsoft Teams

MINUTES

<u>Present</u>	
Stephen Child (Chairman)	ADEPT
Steve Betteridge	Lincolnshire County Council
Andy Simms	Skanska
Lukash Manandhar	Transport for London
Donald Burton	Highways England
Emma Loach	Staffordshire
Ian Walsh	Jacobs
Keith Field	Cumbria County Council
Alan Ferguson	Transport Scotland
Ian McClung	Transport Northern Ireland
Andy Stevenson	WDM
John Booth (SOCOTEC)	Dorset County Council
Lucia De Ferrariis	Oxfordshire County Council
Colin Green	QROS Ltd
Apologies	
Bob Noakes	Bob Noakes Engineers Ltd
Martin Mclaughlin	Transport Scotland
Martin Newton	Northumberland County Council
Martin Carnaffin	Nottinghamshire County Council
Bill Larner	MATtest Midlands
John Grimes	Enfield Council
Michael Wright	Atkins
Distribution	
All of the above	
Liz Kirkham	Gloucestershire County Council
Nicola Parkins	ADEPT Secretariat
Hanna Bartram	ADEPT

	<p>19/30 & 20/7 – The Idiots Guide to Highway Maintenance. The Chairman agreed to enquire about the ADEPT website's ability to have links and to investigate the site's search facilities.</p> <p>19/41 et al. Andy Simms reported Paul Flack is involved with a project using an alternative surfacing on a bridleway. Andy reported there had been no recent progress.</p> <p>19/52 – The Chairman has still to make contact with Jonathan McGuinness about membership of SMDS. Chairman to write to ADEPT members asking them to encourage membership of ADEPT Regional Groups and to compose a letter to be forwarded to interested parties, in support of the Regional Groups, explaining their value.</p>	<p>Paul Flack/Andy Simms</p> <p>Chairman</p>
20/28	<p>SMDS Meetings</p> <p>Membership – Sing Wai.Yu of Slough Borough Council has expressed a wish to join SMDS. He was invited to participate in the last Southern Group Meeting but was unable to do so.</p> <p>Steve Betteridge reminded members that he will be retiring at the end of this year and consequently a replacement secretary is needed.</p> <p>Andy Simms is unsure what effect SKANSKA's restructuring and business disposals will have on the company's corporate membership of ADEPT.</p> <p>The Chairman agreed to raise the matter of recruitment and Group membership with the Engineering Committee.</p>	<p>All</p> <p>All</p> <p>Chairman</p>
20/29	ADEPT Annual Workshop	
	It was agreed the next SMDS Workshop should be held in the Spring of 2021. The topic will be discussed at our next meeting.	Secretary/ All
20/30	ADEPT/MPA Joint Meeting	
	The MPA agreed to produce a briefing paper on Warm Mix Asphalt for clients in association with SMDS. The	MPA/Secretary

	<p>Secretary agreed to circulate the draft.</p> <p><i>(Post Meeting Note: draft paper circulated as ADEPT SMDS 20/52 on 28th July 2020)</i></p> <p>Discussions on plastic in asphalt have encouraged the MPA to write a position statement which has a Spring 2020 publication date.</p> <p>This topic stimulated debate amongst SMDS members as it was reported there is concern that some temperature reducing additives may increase the risk of moisture damage and the possible use of some fluxes was also a matter of concern.</p> <p>Ian volunteered to produce a draft advice note on the carbon consumption aspects of warm mix material.</p> <p>Members reported on the use of warm mix in Oxfordshire, Staffordshire and Cumbria. In some instances warm mix additives are deployed for cold weather workability properties.</p> <p>Donald reported HE has written a draft clause to include the use of additives.</p>	Ian Walsh
20/31	ADEPT Guidance Notes	
	<p>It was agreed the ADEPT Guidance document on surfacings would be circulated for suggestions for revision. The content of CD226 would be considered as part of this exercise.</p> <p><i>(Post Meeting Note: Document circulated as ADEPT SMDS 20/54 on 28th July 2020)</i></p>	Ian Walsh Andy Simms John Booth Keith Field
20/32	UK PLG	
	<p>There has been no recent meeting. The next is on 15 July 2020 which will review and prioritise the topics to receive attention.</p>	
20/33	ADEPT Engineering Committee	
	<p>It was agreed the Climate Change document will be revised by Ian with the draft to be available for comment from Andy Simms, John Booth and the Chairman by the end August.</p> <p><i>(Post Meeting Note: The document was circulated as ADEPT SMDS 20/56 on 30th July 2020)</i></p>	Ian Walsh John Booth Andy Simms Chairman

	<p>The chairman reported the RAC had attended the meeting and had commented, critically on the DFT's use of machine produced data.</p>	
	<p>Andy Stevenson commented that recent versions of machines such as SCANNER are capable of producing significantly more data than their predecessors. Appropriate use of this data can give very useful information.</p> <p>Andy agreed to forward a presentation he had given on this subject for the Secretary to circulate. Validation of Surrey results is essential. Comparative testing by two machines to demonstrate the degree of correlation has been beneficial.</p> <p><i>(Post Meeting Note: Presentation circulated as ADEPT SMDS 20/45 on 7th July 2020)</i></p> <p>The Engineering Committee also discussed carbon calculators. Relationship between whole life costs and carbon consumption are being explored. A number of the CD documents will contain information on the consideration of these relationships soon.</p>	<p>Andy Stevenson Secretary</p>
<p>20/34</p>	<p>Highways England</p>	
	<p>Donald reported the launch of the new DMRB documents was going well with only two errors in pavement related CDs reported so far. The documents have been well received. If errors are spotted please report them through use of the email address given in the documents.</p> <p>Incinerator Bottom Ash Aggregate (IBAA) – The research project into this has been concluded. The draft Clause 803 will be revised accordingly. Particles of non ferrous metal of 14mm maximum size are considered acceptable.</p> <p>Clause 946 – Local Repairs – Spray injection patching and infra-red treatment for areas of 1.0m² maximum size are to be included.</p>	

	<p>The next stage of the Road Investment Strategy includes £0.5 billion for the repair or replacement of concrete roads over 5 years. A design life of 15 years is being used for many of these repairs. A draft clause for repairs to concrete roads has been written.</p> <p><i>(Post Meeting Note: Draft circulated as ADEPT SMDS 20/55 on 30th July 2020)</i></p> <p>Precast concrete slabs may be deployed as a means of repairing concrete roads.</p> <p>The repair manual for concrete roads is being revised and should be available in early 2021.</p>	
	It was reported Connect Plus has successfully treated some concrete roads with longitudinal grooving.	
20/35	DMRB – ADEPT Document Reviews	
	<p>The Secretary thanked those who had managed to produce draft local highway authority guidance on the new DMRB documents.</p> <p>The attached HE DMRB Documents table gives further information.</p> <p>The relationship between CD228 Skidding Resistance and CD736 Surfacing Materials was discussed. Highway Authorities with local policies for skid resistance and surfacing materials need to ensure their policies are coherent and robust.</p>	All
20/36	ADEPT/RSTA Joint Meeting/Liaison	
	This will be arranged in due course.	
20/37	SCOTS Research projects update	

	<p>stone paving. The revised standard is currently the 23rd draft. Additional client members to the committee would be welcomed.</p> <p>Friction after polishing – The standard is available for public consultation.</p> <p>B510/1 Asphalt Products – John Booth raised the matter of harmonised standards and the continuing saga of revision of the BS EN 13108 standards. Debate is underway about the need for these standards to be harmonised and the relevance of CE Marking for the products produced in accordance with these standards.</p> <p>The meeting noted the appointment of Paul Boss as the RSTA Chief Executive.</p> <p>The recent publication of the fourth edition of the Specification for the reinstatement of openings in highways (SROH) was noted.</p>	
20/40	Geotechnical Asset Group Forum	
	Nothing was reported.	
20/41	Adept Southern and Northern Group Soils and Materials Group Regional Meetings	
	Nothing was reported in addition to the minutes for the meetings.	
20/42	Newsletter	
	<p>This will be discussed at the next meeting.</p> <p>The ADEPT SMDS Annexes to the new DMRB will form key content of the Newsletter.</p>	
20/43	Information Exchange	
	<p>Steve Betteridge enquired about experiences of an aggregate from County Northern Down Ireland marketed by Conexpo – Doran's Rock Quarry. Few members were aware of this source. Its PSV was considered to be in the low to mid 60s.</p> <p>Lukash Manandhar reported the TFL report on the use of PMB Hot Rolled Asphalt and reflective cracking should be available soon.</p>	Lukash/ Secretary

	<p>Donald Burton volunteered to check SMDS written annexes to the DMRB.</p> <p>Ian Walsh and Lukash enquired about PSV requirements for cycleways that are adjacent to carriageways. Members were asked to give their views.</p> <p>Keith Field agreed to send the recent correspondence on SMR materials to the Secretary for distribution to SMDS members.</p> <p><i>(Post Meeting Note: Distribution of this correspondence has been delayed pending a response from the Environment Agency)</i></p> <p>Keith also reported a further trial of bituminous material containing plastic was about to take place in a Hanson Quarry.</p> <p>Ian McClung enquired about the site methods of working adopted by highway contractors during the Covid 19 outbreak. Members related their experiences. After an initial pause many contractors have resumed activity and are deploying the use of masks and social distancing, bubble approach.</p> <p>Stephen Child reported the IAT has launched their Pavement Engineering Certificate. Details are available online.</p>	<p>All/ Donald Burton</p> <p>All</p> <p>Keith Field/ Secretary</p> <p>Note</p> <p>Note</p>
	<p>The IAT is enquiring about the value of developing an Asset Managers Certificate and would welcome views.</p> <p>Steve Betteridge reported a pavement grid is being marketed by TenCate that contains basalt fibres.</p>	<p>All</p> <p>Note</p>
20/44	Any Other Business	
	<p>The next meeting will be the last attended by the current Secretary. Members will need to find a replacement Secretary prior to that meeting.</p>	<p>All</p>

Date, Time and Place of future meetings.

The next meeting will be on 1st October 2020. A provisional Covid permitting booking has been made at: TFL, Griffin House, 280 Mary Le Bone Road, London, NW1 5RJ