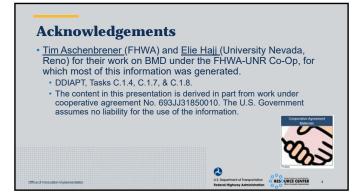
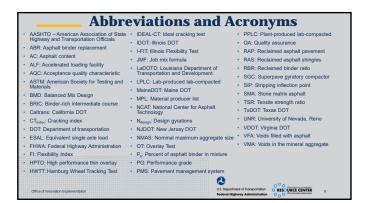


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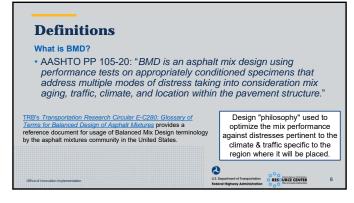
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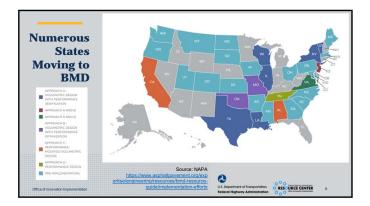


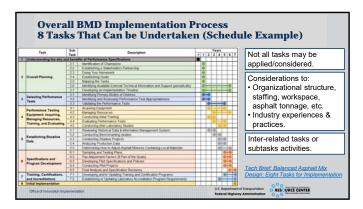


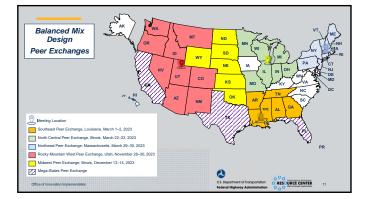










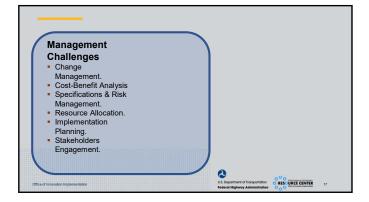














RESOURCE CENTER

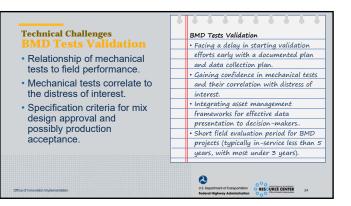


RESOURCE CENTER



	<u> </u>
Management Challenges	Stakeholders Engagement
Stakeholders Engagement	<ul> <li>Findings ways to partner with industry</li> </ul>
Clear communication.	for implementation buy-in.
	<ul> <li>Formulating a dedicated task force(s)</li> </ul>
<ul> <li>Engage stakeholders.</li> </ul>	for asphalt stakeholders' engagement.
Collaboration.	<ul> <li>Identifying local champions for buy-in</li> </ul>
	at higher levels.
	<ul> <li>Leveraging contractors/consultants/</li> </ul>
	academia for testing when State DOT
	resources are insufficient.
	<ul> <li>Communicating and working with</li> </ul>
	industry partners for achieving a
	feasible version of BMD implementation.
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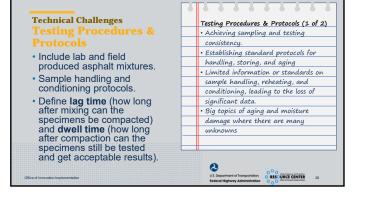


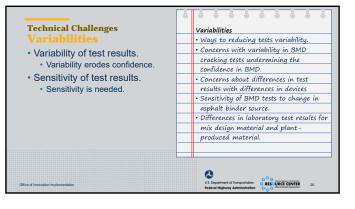


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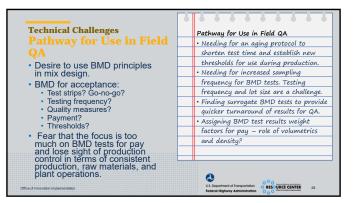
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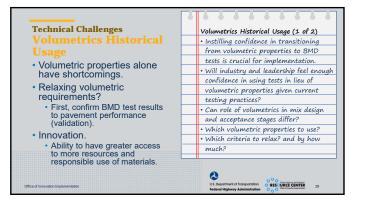
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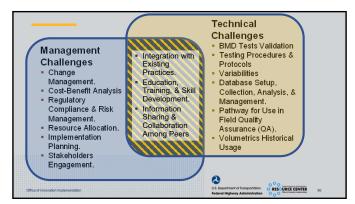




Technical Challenges	Database
Database Setup, Collection	• Organizing initial BMD database.
Analysis, & Management	<ul> <li>Needing for a data wish list for</li> </ul>
	validation projects.
<ul> <li>Database setup.</li> </ul>	<ul> <li>Needing for templates and format.</li> </ul>
<ul> <li>Track testing parameters.</li> </ul>	<ul> <li>Maximizing data fields and raw data.</li> </ul>
<ul> <li>Track field performance.</li> </ul>	<ul> <li>Linking data for BMD mix design,</li> </ul>
Data management can persuade decision makers.	construction QA, and field performance.
	<ul> <li>e.g., mix design info, mixture type,</li> </ul>
	raw material sources, project
	location, pre-existing pavement
	condition, lot and sub-lot numbers,
	BMD test results, field performance.
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Common Challenges	Integration with Existing Practices
Integration with Existing Practices	(1 of 2) • Needing to bridge the gap between
<ul> <li>Address technical and management perspectives.</li> </ul>	research and practice. • Identifying internal gaps towards
<ul> <li>Compatibility with existing specifications and standards must be ensured.</li> </ul>	<ul> <li>implementing BMD including training.</li> <li>Frequency of testing under BMD poses a significant challenge at the start of implementation, with identified testing frequency being the primary hurdle.</li> <li>Testing impact of new additives/ materials on mixture's mechanical properties.</li> </ul>
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