

## Pavement Preservation “When & Where”

[http://www.fhwa.dot.gov/innovation/everydaycounts/edc\\_4/pavement.cfm](http://www.fhwa.dot.gov/innovation/everydaycounts/edc_4/pavement.cfm)

<p style="text-align: center;"><b>Innovation Implementation Stage Definitions</b></p>	<p style="text-align: center;"><b>Prompt Questions for Describing the Implementation Stage</b></p> <p>The following questions are intended to help you determine your current implementation stage. While it is not mandatory to respond to each question, providing some narrative describing your current status will be helpful to the EDC teams.</p>
<p><b>Not Implementing:</b> The State is not currently using the innovation (whole life costing) anywhere in the State and is not interested in the innovation.</p>	<p>The State is not implementing because the agency:</p> <ul style="list-style-type: none"> <li>• Does not have the resources to implement the innovation.</li> <li>• Has evaluated the innovation and decided it was not for them.</li> <li>• Does not have the tools necessary to conduct the analysis.</li> <li>• Has not determined how to overcome the challenges.</li> </ul>
<p><b>Development Stage:</b> The State is collecting guidance and best practices, building support with partners and stakeholders, taking training, attending Peer-to-Peer workshops, and/or developing a process necessary for implementation of whole life costing.</p>	<ul style="list-style-type: none"> <li>• Is the agency interested in adopting practices that lower the life cycle cost of preserving pavement conditions?</li> <li>• Does upper management support the application of whole life costing?</li> <li>• Is the agency taking steps to prepare itself to adopt whole life costing?</li> <li>• Has the agency conducted an assessment to determine what business processes, tools, or training will be needed to support whole life costing?</li> </ul>
<p><b>Demonstration Stage:</b> The State is testing/piloting whole life costing.</p>	<ul style="list-style-type: none"> <li>• Where has the innovation been applied?</li> <li>• What supporting business processes or resources were required to ensure the demonstration’s success?</li> <li>• How are impacts being documented?</li> <li>• How much did it cost the State to implement the demonstration?</li> <li>• How long did the demonstration last?</li> </ul>
<p><b>Assessment Stage:</b> The State is beyond testing/piloting whole life costing. The State is assessing the performance and the process for carrying out the impacts and other adjustments needed to prepare for full deployment.</p>	<ul style="list-style-type: none"> <li>• What adjustments are being made for statewide implementation?</li> <li>• Can the State demonstrate the improvements realized from these changes in business processes?</li> <li>• What plans have been made for the full implementation of these concepts?</li> </ul>
<p><b>Institutionalized Stage:</b> Whole-life costing is adopted by the State’s transportation community and used regularly for program development.</p>	<ul style="list-style-type: none"> <li>• How have you demonstrated that whole life costing is fully implemented in the State?</li> <li>• How much did it cost the State to fully implement whole life costing?</li> <li>• How much estimated time and money will it save?</li> <li>• Is the State willing to share its results with other states?</li> </ul>

**Final Report Questions (When & Where):**

1) Reporting Period:	Final Report: December 2018
2) Division Contact for additional information:	
<p>3) What is the State's current stage of innovation implementation?</p> <p>Review the Innovation Profile Template and select the appropriate implementation stage for this innovation.</p>	<p>(Choice)</p> <p><input type="checkbox"/> Not Implementing</p> <p><input checked="" type="checkbox"/> Development Stage</p> <p><input type="checkbox"/> Demonstration Stage</p> <p><input type="checkbox"/> Assessment Stage</p> <p><input type="checkbox"/> Institutionalized</p>
<p>4) Describe the State's accomplishments for this reporting period (both State DOT and local agency accomplishments). Please provide EDC-4 highlights with good "so what" nuggets.</p> <p>-- What would another state be interested in and/or how could leadership use the information I am providing?</p> <p>-- If the State has advanced to the next implementation stage, consider the prompt questions in the chart and explain the advancements made to support your selection.</p> <p>-- Please include benefits as part of your explanation (i.e. time/cost savings, delay/crash reductions, etc.)</p>	<p>Other States would be interested in the FHWA Pavement Preservation Training.</p>
5) Describe any additional assistance needed by your state.	Further discussions on developing Memorandum of Understanding to use Federal Funds on Pavement Preservation Treatments
6) Describe any implementation obstacles or lessons learned. Also, indicate if and how your state can provide assistance to others in their implementation of this innovation.	
7) The responses have been coordinated with the necessary transportation agencies and Division Office technical resource.	<p>(Choice)</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>

## Pavement Preservation “How”

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<b>Innovation Implementation Stages Definitions</b>		<b>Prompt Questions for Describing the Implementation Stage</b>
	<p><b>Not Implementing:</b> The State is not currently using the innovation (Pavement Preservation “How”) anywhere in the State and is not interested in the innovation.</p>	<p>The following questions are intended to help you determine your current implementation stage. While it is not mandatory to respond to each question, providing some narrative describing your current status will be helpful to the EDC teams.</p> <p>Is the State not implementing because:</p> <ul style="list-style-type: none"> <li>• State does not have an applicable location to implement the innovation during the EDC-4 cycle but will keep in their toolbox for when there is an appropriate use.</li> <li>• State has already evaluated the innovation and decided it was not for them.</li> </ul>
	<p><b>Development Phase:</b> The Transportation Agency is seeking information and designing a new pavement preservation treatment to be constructed.</p> <p>*The Pavement Preservation treatment is considered new if the Agency has not used the construction process or material within the past 5 years.</p>	<ul style="list-style-type: none"> <li>• What informational resources has the Transportation Agency sought out and received?</li> <li>• What training or technology sharing activities (i.e., workshops, webinars, web-based training, peer exchanges, etc.) has the Transportation Agency participated in or plans too?</li> <li>• Has the Transportation Agency sought out national leaders for assistance in implementing the technology?</li> </ul>
	<p><b>Demonstration Phase:</b> The Transportation Agency has chosen and constructed 1 new successful pavement preservation projects. The Transportation Agency is preparing to construct a 2<sup>nd</sup> project.</p> <p>*The Pavement Preservation treatment is considered new if the Agency has not used the construction process or material within the past 5 years.</p>	<ul style="list-style-type: none"> <li>• What worked well in constructing the new pavement preservation treatment or material?</li> <li>• What did you adjust in preparation for constructing the 2<sup>nd</sup> project?</li> <li>• What training has the inspection staff and construction staff had to make construction a success?</li> <li>• What public outreach activities were successfully performed?</li> </ul>
	<p><b>Assessment Phase:</b> The Transportation Agency has chosen and constructed 2 new successful pavement preservation projects. The Transportation Agency is preparing to construct a 3<sup>rd</sup> project.</p> <p>*The Pavement Preservation treatment is considered new if the Agency has not used the construction process or material within the past 5 years.</p>	<ul style="list-style-type: none"> <li>• What worked well in constructing the 2<sup>nd</sup> new pavement preservation treatment or material?</li> <li>• What did you adjust in preparation for constructing the 3<sup>rd</sup> project?</li> <li>• What training has the inspection staff and construction staff had to make construction a success?</li> <li>• What public outreach activities were successfully performed?</li> </ul>
	<p><b>Institutionalized:</b> The Transportation Agency has constructed a minimum of 3 successful projects using a new pavement preservation treatment or material. Thus demonstrating that they poses a thorough knowledge of construction a Pavement Preservation treatment with quality materials</p> <p>*The Pavement Preservation treatment is considered new if the Agency has not used the construction process or material within the past 5 years.</p>	<ul style="list-style-type: none"> <li>• Has the Agency developed a standard specifications to construct and accepted materials for the preservation treatment?</li> <li>• Is the Agency routinely considering the treatment or materials on future projects?</li> <li>• Is your Agency willing to share their successful practice with other agencies?</li> </ul>

**Final Report Questions (How):**

1) Reporting Period:	Final Report: December 2018
2) Division Contact for additional information:	
3) What is the State's current stage of innovation implementation?  Review the Innovation Profile Template and select the appropriate implementation stage for this innovation.	(Choice) <input type="checkbox"/> Not Implementing <input type="checkbox"/> Development Stage <input type="checkbox"/> Demonstration Stage <input type="checkbox"/> Assessment Stage <input type="checkbox"/> Institutionalized
4) Describe the State's accomplishments for this reporting period (both State DOT and local agency accomplishments). Please provide EDC-4 highlights with good "so what" nuggets.  -- What would another state be interested in and/or how could leadership use the information I am providing?  -- If the State has advanced to the next implementation stage, consider the prompt questions in the chart and explain the advancements made to support your selection.  -- Please include benefits as part of your explanation (i.e. time/cost savings, delay/crash reductions, etc.)	(open discussion)
5) Describe any additional assistance needed by your state.	(open discussion)
6) Describe any implementation obstacles or lessons learned. Also, indicate if and how your state can provide assistance to others in their implementation of this innovation.	(open discussion)
7) The responses have been coordinated with the necessary transportation agencies and Division Office technical resource.	(Choice) <input type="checkbox"/> Yes <input type="checkbox"/> No