

## 300+ Projects Being Implemented Through the SHRP2 Implementation Assistance Program

The Federal Highway Administration (FHWA), American Association of State Highway and Transportation Officials (AASHTO), and the Transportation Research Board (TRB) are working collaboratively to advance SHRP2. TRB was largely responsible for managing the research efforts, while FHWA and AASHTO have primary responsibility for implementing SHRP2 products.

In January of 2013, FHWA and AASHTO launched the SHRP2 Implementation Assistance Program (IAP) designed to assist Federal, state, and local transportation agencies in deploying the SHRP2 products.

Under the IAP, a wide range of product implementation activities is made available to transportation agencies by providing both financial and technical incentives as well as subject matter expertise.

Although state departments of transportation (DOTs) have been the primary recipients and users of the SHRP2 products, many other stakeholders, including local highway agencies, metropolitan planning organizations, FHWA Federal Lands offices, and resource agencies, among others, are also using or benefiting from SHRP2 innovations.

*Transportation agencies in every state and the District of Columbia are engaged in SHRP2.*



Photos courtesy: Iowa DOT/HNTB, WSDOT, PennDOT, VDOT, NCTCOG

## Three Levels of Engagement

The IAP offers SHRP2 products at three levels of engagement

Proof of Concept Pilot	Lead Adopter	User Incentive
<ul style="list-style-type: none"> <li>Technical support is available for piloting products to evaluate readiness for widespread implementation.</li> </ul>	<ul style="list-style-type: none"> <li>Technical and/or financial support is made available for early adopters to offset implementation costs and mitigate risks.</li> </ul>	<ul style="list-style-type: none"> <li>Technical and financial assistance is available for implementation support activities.</li> </ul>
<ul style="list-style-type: none"> <li>Contractor support may be provided to recipients to collect data and evaluate the product.</li> </ul>	<ul style="list-style-type: none"> <li>Recipients are required to provide specific deliverables designed to further refine the product and possibly “champion” the product to other states and localities.</li> </ul>	<ul style="list-style-type: none"> <li>The incentives can be used to conduct internal assessments, build capacity, implement system process changes, organize peer exchanges, and offset other implementation costs.</li> </ul>

Since 2013, SHRP2 Solutions have been offered to transportation agencies in six separate implementation rounds that include 29 products or bundles of products. Almost 500 applications have been received from 49 state DOTs, the District of Columbia, numerous metropolitan planning organizations, and several tribal communities as well as local transportation agencies, and the FHWA Federal Lands Highway divisions.

Each IAP “offering” reflects the recommendations made by the participants of the Implementation Planning Workshops, as well as FHWA and AASHTO product leads. The workshop participants include state, local, and other transportation professionals, metropolitan planning organization officials (MPO), and private sector consultants and contractors.

Selections are based on the geographic diversity of participants, demonstration of a culture within the agency to implement new products or processes, past interest or participation in similar implementation efforts, a high commitment to making institutional or organizational changes, commitment to conduct demonstration workshops, and a willingness to share their experiences with their peers.

## State Participants in the FHWA/AASHTO Implementation Assistance Program

State	Agency	SHRP2 Product Name	Round	Method of Participation
ALABAMA	DOT	Performance Specifications for Rapid Renewal	2	IAP R07 Lead Adopter
	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
	DOT	Tools to Improve PCC Pavement Smoothness During Construction	4	IAP R06E Lead Adopter
	DOT	Precast Concrete Pavement	6	IAP R05 Lead Adopter
ALASKA	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
	DOT	Managing Risk in Rapid Renewal Projects	4	IAP R09 User Incentive
	DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive
ARIZONA	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	AZTech (Regional Partnership)	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance
	Gila River Indian Community DOT	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	Maricopa Association of Governments	Expediting Product Delivery	2	IAP C19 Lead Adopter
	DOT	Expediting Product Delivery	2	IAP C19 Lead Adopter
	Maricopa Association of Governments	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Behavior-Based Modeling)
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Pavement Renewal Solutions	3	IAP R23 Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	4	IAP R09 User Incentive
ARKANSAS	Federal Lands Highway	Managing Risk in Rapid Renewal Projects	4	IAP R09 User Incentive
	DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive
	DHTD	Expediting Product Delivery	2	IAP C19 User Incentive
	DHTD	Railroad-DOT Mitigation Strategies	2	IAP R16 Lead Adopter
	DHTD	Utility Investigation Technologies	6	IAP R01B Proof of Concept
CALIFORNIA	DHTD	PlanWorks	6	IAP C01 Lead Adopter
	Caltrans	Implementing Eco-Logical	1	IAP C06 User Incentive
	Association of Monterey Bay Area Governments	Implementing Eco-Logical	1	IAP C06 User Incentive
	Southern California Association of Governments (MPO)	Implementing Eco-Logical	1	IAP C06 User Incentive
	Caltrans	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	Caltrans	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	Caltrans	Expediting Product Delivery	2	IAP C19 User Incentive
	Association of Monterey Bay Area Governments	Expediting Product Delivery	2	IAP C19 User Incentive
	Caltrans	Railroad-DOT Mitigation Strategies	2	IAP R16 User Incentive
	Caltrans	Pavement Renewal Solutions	3	IAP R23 Lead Adopter

## State Participants in the FHWA/AASHTO Implementation Assistance Program

State	Agency	SHRP2 Product Name	Round	Method of Participation
<b>CALIFORNIA</b> <i>(continued)</i>	San Diego Association of Governments	Advanced Travel Analysis Tools (part of C10/C04/C05/C16 bundle)	4	IAP C04/C05 Lead Adopter
	Metropolitan Transportation Commission	Advanced Travel Analysis Tools (part of C10/C04/C05/C16 bundle)	4	IAP C10 Proof of Concept
	Caltrans	Tools for Assessing Wider Economic Benefits of Transportation	4	IAP C11 Lead Adopter
	Caltrans	3D Utility Location Data Repository	5	IAP R01A Proof of Concept
	Caltrans	Utility Investigation Technologies	6	IAP R01B Proof of Concept
	Caltrans	Identifying and Managing Utility Conflicts	6	IAP R15B Lead Adopter
	Caltrans	Composite Pavement Systems	6	IAP R21 Lead Adopter
	Association of Monterey Bay Area Governments	WISE: Work Zone Impacts and Strategies Estimator Software	6	IAP R11 Proof of Concept
	Caltrans	PlanWorks	6	IAP C01 Lead Adopter
<b>COLORADO</b>	Pikes Peak Area Council of Governments (MPO)	Implementing Eco-Logical	1	IAP C06 Lead Adopter
	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Railroad-DOT Mitigation Strategies	2	IAP R16 Lead Adopter
	DOT	Nondestructive Testing for Tunnel Linings	4	IAP R06G Proof of Concept
	Denver Regional Council of Governments	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
<b>CONNECTICUT</b>	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Tools for Assessing Wider Economic Benefits of Transportation	4	IAP C11 Lead Adopter
	DOT	Precast Concrete Pavement	6	IAP R05 User Incentive
<b>DELAWARE</b>	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	DOT	Railroad-DOT Mitigation Strategies	5	IAP R16 Lead Adopter
	DOT	Identifying and Managing Utility Conflicts	6	IAP R15B Lead Adopter
<b>DISTRICT OF COLUMBIA</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	DOT	3D Utility Location Data Repository	5	IAP R01A Proof of Concept
	DOT	Railroad-DOT Mitigation Strategies	5	IAP R16 User Incentive
	DOT	Precast Concrete Pavement	6	IAP R05 User Incentive
<b>FLORIDA</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	1	IAP R09 Proof of Concept
	DOT	Expediting Product Delivery	2	IAP C19 Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	2	IAP R09 Lead Adopter
	DOT	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)

## State Participants in the FHWA/AASHTO Implementation Assistance Program

State	Agency	SHRP2 Product Name	Round	Method of Participation
<b>FLORIDA</b> <i>(continued)</i>	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept
	DOT	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	4	IAP R09 User Incentive
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
	DOT	Railroad-DOT Mitigation Strategies	5	IAP R16 User Incentive
	DOT	Precast Concrete Pavement	6	IAP R05 Lead Adopter
	MetroPlan Orlando (MPO)	WISE: Work Zone Impacts and Strategies Estimator Software	6	IAP R11 Proof of Concept
	<b>GEORGIA</b>	Atlanta Regional Commission	Implementing Eco-Logical	1
DOT		Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
DOT		Managing Risk in Rapid Renewal Projects	1	IAP R09 Proof of Concept
DOT		Project Management Strategies for Complex Projects	1	IAP R10 Lead Adopter
DOT		Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
Atlanta Regional Commission		Advanced Travel Analysis Tools (part of C10/C04/C05/C16 bundle)	4	IAP C10 Proof of Concept
<b>HAWAII</b>	Atlanta Regional Commission	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
	DOT	Precast Concrete Pavement	3	IAP R05 Lead Adopter
<b>IDAHO</b>	Federal Lands Highway	Service Life Design for Bridges	4	IAP R19A Lead Adopter
	IDH	Railroad-DOT Mitigation Strategies	2	IAP R16 User Incentive
<b>ILLINOIS</b>	IDH	Tools to Improve PCC Pavement Smoothness During Construction	4	IAP R06E Lead Adopter
	COMPASS (MPO)	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
	Illinois Tollway	Precast Concrete Pavement	3	IAP R05 Lead Adopter
<b>INDIANA</b>	DOT	Transportation Project Impact Case Studies	4	IAP C03 User Incentive
	DOT	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept
	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
	DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
	Champaign County Regional Planning Commission	PlanWorks	6	IAP C01 Lead Adopter
<b>INDIANA</b>	Ohio/Kentucky/Indiana Regional Council of Governments (MPO)	Implementing Eco-Logical	1	IAP C06 User Incentive
	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance
	DOT	Transportation Project Impact Case Studies	4	IAP C03 User Incentive
	DOT	Tools for Assessing Wider Economic Benefits of Transportation	4	IAP C11 Lead Adopter

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State	Agency	SHRP2 Product Name	Round	Method of Participation
<b>INDIANA</b> <i>(continued)</i>	DOT	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOT	Tools to Improve PCC Pavement Smoothness During Construction	4	IAP R06E Lead Adopter
	DOT	Precast Concrete Pavement	6	IAP R05 User Incentive
	DOT	Identifying and Managing Utility Conflicts	6	IAP R15B Lead Adopter
<b>IOWA</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
	DOT	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive
	DOT	Service Life Design for Bridges	4	IAP R19A Lead Adopter
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
<b>KANSAS</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Precast Concrete Pavement	3	IAP R05 Lead Adopter
<b>KENTUCKY</b>	Ohio/Kentucky/Indiana Regional Council of Governments (MPO)	Implementing Eco-Logical	1	IAP C06 User Incentive
	Kentucky Transportation Cabinet	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	Kentucky Transportation Cabinet	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	Kentucky Transportation Cabinet	GeoTechTools	3	IAP R02 User Incentive
	Kentucky Transportation Cabinet	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
	Kentucky Transportation Cabinet	Pavement Renewal Solutions	3	IAP R23 Lead Adopter
	Kentucky Transportation Cabinet	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept
	Kentucky Transportation Cabinet	3D Utility Location Data Repository	5	IAP R01A Proof of Concept
<b>LOUISIANA</b>	DOTD	GeoTechTools	3	IAP R02 User Incentive
	DOTD	Pavement Renewal Solutions	3	IAP R23 User Incentive
	DOTD	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOTD	Precast Concrete Pavement	6	IAP R05 Lead Adopter
	DOTD	Precast Concrete Pavement	6	IAP R05 User Incentive
<b>MAINE</b>	DOT	Implementing Eco-Logical	1	IAP C06 Lead Adopter
	DOT	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 User Incentive
	DOT	Performance Specifications for Rapid Renewal	2	IAP R07 Lead Adopter
	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)

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<b>MAINE</b> <i>(continued)</i>	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Proof of Concept (Ground Penetrating Radar)
	DOT	Performance Specifications for Rapid Renewal	5	IAP R07 Lead Adopter
<b>MARYLAND</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Behavior-Based Modeling)
	DOT	Advanced Travel Analysis Tools (part of C10/C04/C05/C16 bundle)	4	IAP C10 Proof of Concept
	DOT	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept
	DOT	Identifying and Managing Utility Conflicts	6	IAP R15B Lead Adopter
	DOT	WISE: Work Zone Impacts and Strategies Estimator Software	6	IAP R11 Proof of Concept
<b>MASSACHUSETTS</b>	DOT	Project Management Strategies for Complex Projects	1	IAP R10 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	DOT	Expediting Product Delivery	2	IAP C19 Lead Adopter
	DOT	GeoTechTools	3	IAP R02 User Incentive
	Southeastern Regional Planning and Economic Development District	Tools for Assessing Wider Economic Benefits of Transportation	4	IAP C11 Lead Adopter
DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter	
<b>MICHIGAN</b>	DOT	Implementing Eco-Logical	1	IAP C06 Lead Adopter
	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	Federal Lands Highway	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	DOT	Project Management Strategies for Complex Projects	1	IAP R10 Lead Adopter
	DOT	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
	DOT / MnRoad	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
<b>MINNESOTA</b>	DOT	Managing Risk in Rapid Renewal Projects	2	IAP R09 Lead Adopter
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Pavement Renewal Solutions	3	IAP R23 Lead Adopter
	DOT	Reliability Data and Analysis Tool (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
<b>MISSISSIPPI</b>	DOT	GeoTechTools	3	IAP R02 User Incentive
<b>MISSOURI</b>	DOT	Implementing Eco-Logical	1	IAP C06 User Incentive
	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter

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<b>MISSOURI</b> <i>(continued)</i>	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	DOT	Performance Specifications for Rapid Renewal	2	IAP R07 Lead Adopter
	Mid-America Regional Council (MPO)	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
<b>MONTANA</b>	Federal Lands Highway	Project Management Strategies for Complex Projects	1	IAP R10 Lead Adopter
<b>NEBRASKA</b>	NDOR	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Limited Technical Assistance
	NDOR	Expediting Product Delivery	2	IAP C19 User Incentive
	NDOR	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Proof of Concept (Ground Penetrating Radar)
<b>NEVADA</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
<b>NEW HAMPSHIRE</b>	DOT	Implementing Eco-Logical	1	IAP C06 User Incentive
	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance
	DOT	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
	DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive
	Strafford MPO	PlanWorks	6	IAP C01 Lead Adopter
<b>NEW JERSEY</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Pavement Renewal Solutions	3	IAP R23 User Incentive
	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
<b>NEW MEXICO</b>	DOT	Project Management Strategies for Complex Projects	1	IAP R10 Lead Adopter
<b>NEW YORK</b>	International Transportation Technology Coalition	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	Capital District Transportation Committee	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Pavement Renewal Solutions	3	IAP R23 User Incentive
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
	DOT	Railroad-DOT Mitigation Strategies	5	IAP R16 Lead Adopter
<b>NORTH CAROLINA</b>	Winston-Salem MPO	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)
	Durham-Chapel Hill-Carrboro MPO	The Effect of Smart-Growth Policies on Travel Demand (part of C10/C04/C05/C16 bundle)	4	IAP C16 User Incentive
	DOT	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept

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State	Agency	SHRP2 Product Name	Round	Method of Participation
<b>NORTH CAROLINA</b> <i>(continued)</i>	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
	DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept
	DOT	Railroad-DOT Mitigation Strategies	5	IAP R16 User Incentive
	High Point Urban Area MPO	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 User Incentive
<b>NORTH DAKOTA</b>	DOT	Pavement Renewal Solutions	3	IAP R23 User Incentive
<b>OHIO</b>	Ohio/Kentucky/Indiana Regional Council of Governments (MPO)	Implementing Eco-Logical	1	IAP C06 User Incentive
	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	NE Ohio (NOACA)	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance
	DOT	Advanced Travel Analysis Tools (part of C10/C04/C05/C16 bundle)	4	IAP C10 Proof of Concept
	DOT	Tools to Improve PCC Pavement Smoothness During Construction	4	IAP R06E Lead Adopter
	DOT	Utility Investigation Technologies	6	IAP R01B Proof of Concept
<b>OKLAHOMA</b>	DOT	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
	DOT	3D Utility Location Data Repository	5	IAP R01A Proof of Concept
<b>OREGON</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	2	IAP R09 Lead Adopter
	Portland Metro MPO	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Behavior-Based Modeling)
	DOT	The Effect of Smart-Growth Policies on Travel Demand (part of C10/C04/C05/C16 bundle)	4	IAP C16 User Incentive
	DOT	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOT	Service Life Design for Bridges	4	IAP R19A Lead Adopter
	DOT	Utility Investigation Technologies	6	IAP R01B Proof of Concept
	DOT	Identifying and Managing Utility Conflicts	6	IAP R15B Lead Adopter
<b>PENNSYLVANIA</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	2	IAP R09 Lead Adopter
	DOT	Railroad-DOT Mitigation Strategies	2	IAP R16 Lead Adopter
	Delaware Valley Regional Planning Commission	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)
	Delaware Valley Regional Planning Commission	The Effect of Smart-Growth Policies on Travel Demand (part of C10/C04/C05/C16 bundle)	4	IAP C16 User Incentive
	DOT	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter
	DOT	Tools to Improve PCC Pavement Smoothness During Construction	4	IAP R06E Lead Adopter
DOT	Nondestructive Testing for Tunnel Linings	4	IAP R06G Proof of Concept	
DOT	Managing Risk in Rapid Renewal Projects	4	IAP R09 User Incentive	

## State Participants in the FHWA/AASHTO Implementation Assistance Program

State	Agency	SHRP2 Product Name	Round	Method of Participation
<b>PENNSYLVANIA</b> <i>(continued)</i>	DOT	Service Life Design for Bridges	4	IAP R19A Lead Adopter
	DOT	Performance Specifications for Rapid Renewal	5	IAP R07 Lead Adopter
	DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
	DOT	Precast Concrete Pavement	6	IAP R05 Lead Adopter
	DOT	Precast Concrete Pavement	6	IAP R05 User Incentive
<b>RHODE ISLAND</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter
	Rhode Island Statewide Planning Program	Transportation Project Impact Case Studies	4	IAP C03 User Incentive
	Rhode Island Statewide Planning Program	Tools for Assessing Wider Economic Benefit of Transportation	4	IAP C11 Lead Adopter
<b>SOUTH CAROLINA</b>	DOT	Expediting Product Delivery	2	IAP C19 User Incentive
<b>SOUTH DAKOTA</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Expediting Product Delivery	2	IAP C19 User Incentive
	DOT	Railroad-DOT Mitigation Strategies	2	IAP R16 Lead Adopter
	DOT	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)
	DOT	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
<b>TENNESSEE</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 User Incentive
	DOT	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept
	DOT	New Composite Pavement Systems	4	IAP R21 Lead Adopter
	DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
	DOT	WISE: Work Zone Impacts and Strategies Estimator Software	6	IAP R11 Proof of Concept
<b>TEXAS</b>	North Central Texas Council of Governments (MPO)	Implementing Eco-Logical	1	IAP C06 Lead Adopter
	DOT	Railroad-DOT Mitigation Strategies	2	IAP R16 User Incentive
	DOT	Precast Concrete Pavement	3	IAP R05 Lead Adopter
	DOT	Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter
	DOT	New Composite Pavement Systems	4	IAP R21 Lead Adopter
	DOT	3D Utility Location Data Repository	5	IAP R01A Proof of Concept
	DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
	North Central Texas Council of Governments (MPO)	PlanWorks	6	IAP C01 Lead Adopter
<b>UTAH</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter
	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Pavement Renewal Solutions	3	IAP R23 User Incentive

## State Participants in the FHWA/AASHTO Implementation Assistance Program

State	Agency	SHRP2 Product Name	Round	Method of Participation	
<b>UTAH</b> <i>(continued)</i>	DOT	Transportation Project Impact Case Studies	4	IAP C03 User Incentive	
	DOT	Tools for Assessing Wider Economic Benefits of Transportation	4	IAP C11 Lead Adopter	
	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept	
	DOT	3D Utility Location Data Repository	5	IAP R01A Proof of Concept	
	DOT	Railroad-DOT Mitigation Strategies	5	IAP R16 User Incentive	
	DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 User Incentive	
	DOT	Identifying and Managing Utility Conflicts	6	IAP R15B Lead Adopter	
	DOT	PlanWorks	6	IAP C01 Lead Adopter	
	<b>VERMONT</b>	AOT	Expediting Product Delivery	2	IAP C19 Lead Adopter
		AOT	Performance Specifications for Rapid Renewal	2	IAP R07 Lead Adopter
AOT		Identifying and Managing Utility Conflicts	3	IAP R15B Lead Adopter	
<b>VIRGINIA</b>	Charlottesville-Albemarle MPO	Implementing Eco-Logical	1	IAP C06 Lead Adopter	
	DOT Virginia Center for Transportation Innovation and Research	Tools for Assessing Wider Economic Benefits of Transportation	4	IAP C11 Lead Adopter	
	DOT Virginia Center for Transportation Innovation and Research	Nondestructive Testing for Concrete Bridge Decks	4	IAP R06A Lead Adopter	
	DOT Virginia Center for Transportation Innovation and Research	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)	
	Federal Lands Highway	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)	
	DOT Virginia Center for Transportation Innovation and Research	Service Life Design for Bridges	4	IAP R19A Lead Adopter	
	DOT	Utility Investigation Technologies	6	IAP R01B Proof of Concept	
	DOT	Composite Pavement Systems	6	IAP R21 Lead Adopter	
	DOT	PlanWorks	6	IAP C01 Lead Adopter	
	DOT	Precast Concrete Pavement	6	IAP R05 User Incentive	
<b>WASHINGTON</b>	DOT	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Lead Adopter	
	Whatcom Council of Governments (MPO)	Tools to Organize for Reliability (Product Bundle)	1	IAP L01/L06 Limited Technical Assistance	
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 Lead Adopter	
	DOT	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Local Freight Data)	
	Western Federal Lands Highway Division	GeoTechTools	3	IAP R02 User Incentive	
DOT	Reliability Data and Analysis Tools (Product Bundle)	4	IAP L02/L05/L07/L08/C11 Proof of Concept		
DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive		



Save lives. Save money. Save time.



State	Agency	SHRP2 Product Name	Round	Method of Participation
<b>WASHINGTON</b> <i>(continued)</i>	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data - 2 separate projects	4	IAP Safety Proof of Concept
	DOT	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 Lead Adopter
<b>WEST VIRGINIA</b>	DOT	GeoTechTools	3	IAP R02 User Incentive
	DOT	Technologies to Enhance Quality Control on Asphalt Pavements	4	IAP R06C Lead Adopter (Infrared)
	WVDOT for KYOVA Interstate Planning Commission (KY, OH, WV)	Planning Process Bundle	5	IAP C02/C08/C09/C12/C15 User Incentive
<b>WISCONSIN</b>	DOT	Innovative Bridge Designs for Rapid Renewal	1	IAP R04 Lead Adopter
	DOT	Guidelines for the Preservation of High-Traffic-Volume Roadways	1	IAP R26 User Incentive
	DOT	Freight Demand Modeling and Data Improvement	3	IAP C20 Proof of Concept (Behavior-Based Modeling)
	DOT	Precast Concrete Pavement	3	IAP R05 Lead Adopter
	DOT	Managing Risk in Rapid Renewal Projects	4	IAP R09 User Incentive
	DOT	Project Management Strategies for Complex Projects	4	IAP R10 User Incentive
<b>WYOMING</b>	DOT	Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Data	4	IAP Safety Proof of Concept

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