SHRP2 Implementation Assistance Program

Round 4 Application Form - *Application period closes* ***June 27, 2014***.

Reliability Data and Analysis Tools (L02/L05/L07/L08/C11)

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This SHRP2 Solution is part of Round 4 of the Implementation Assistance Program. For more information about this product or about applying for implementation assistance, visit the Implementation Assistance Program page (<http://www.fhwa.dot.gov/GoSHRP2/ImplementationAssistance>) or this product’s application page (where this form originated) on the GoSHRP2 website.

**Point of Contact:**

The SHRP2 Implementation Assistance Program is designed to foster peer learning, and as a result, applicants are encouraged to share their experience implementing SHRP2 products with others. By submitting this application, your organization grants permission to FHWA to publish and distribute the name and business email address of a **staff member from the applying organization** who is familiar with the project. Please provide:

POC Name: Provide your response here.

POC Business Email Address: Provide your response here.

 **Criteria:**

Extra credit will be given for:

* Multi-agency collaboration (e.g., a State partnered with an MPO or local agency with a specific issue or need for the tool).
* Applications that make effective use of multiple products.
* Applications that demonstrate intent to integrate and consider the product results in light of the SHRP2 Capacity advanced travel analysis tools bundle.

Please limit the total length of the below form to 10 pages or fewer.

Agencies may use contractors for assisting in the proof of concept pilot, but must demonstrate that there will be sufficient agency engagement to be able to independently assess the effectiveness of each piloted product. In addition, FHWA intends to make product developers available for limited technical assistance to the selected pilot sites.

 **Questions:**

1. Which product or products from the Reliability Data and Analysis Tools bundle are you including in this application?

[ ]  L02: Guide to Establish Monitoring Programs for Travel-Time Reliability

[ ]  L07: Reliability by Design

[ ]  L08: Incorporating Travel-Time Reliability into the Highway Capacity Manual

[ ]  C11: Tools for Assessing Wider Economic Benefits of Transportation

[ ]  L05: Handbook for Incorporating Reliability Performance Measures into the Transportation Planning and Programming

1. Briefly describe your organization’s efforts to improve data monitoring and analysis to achieve more consistent, predictable highway travel times.

Provide your response here.

1. Describe your organization’s interest and goals for adopting the Reliability Data and Analysis Tools. What do you hope to gain?

Provide your response here.

1. Describe your basic approach to pilot testing Reliability Data and Analysis Tools.

Provide your response here.

1. If you are only testing one product, explain why.

Provide your response here.

1. If you are not testing the L02 data product, describe the sources of your travel-time and related data and explain how they will be compiled and integrated into the tools.

Provide your response here.

1. Identify the locations/settings where you will test the products. Describe their physical and operational characteristics. Also describe the scope and scale of congestion and the nature of the travel-time reliability problem.

Provide your response here.

1. Describe how you will use each of the products you are proposing to pilot.

Provide your response here.

1. Will the products be used to analyze proposed solutions or will they be used to look back at solutions that were implemented to see if reliability benefits (i.e., travel-time variability was reduced) were achieved but not previously measured?

Provide your response here.

1. Explain how you intend to evaluate and report on the validity and usability of the products (e.g., Are the outputs understood by decision makers and regarded as credible? Are the recommendations resulting from the products accepted and scheduled for implementation? Will you have technical reviewer(s) who are outside the immediate project team?)

Provide your response here.

1. What partnerships, if any, are planned with other agencies, and what expertise will they bring?

Provide your response here.

1. Describe any contractor assistance you intend to use on the project. What is your expected level of agency staff, consultant, and university involvement?

Provide your response here.

1. Briefly describe your work plan (tasks, deliverables and approximate dates) for your use of the implementation assistance.

Provide your response here.

1. Describe the challenges you expect to encounter in pilot testing the products and how you plan to address them.

Provide your response here.

1. What cost / labor match, if any, will you provide?

Provide your response here.

1. What actions will you be taking to broaden the user community of those using Reliability Data and Analysis Tools methods?

Provide your response here.

* 1. Is another agency that is interested in eventually using Reliability Data and Analysis Tools methods able to closely follow your efforts?

Provide your response here.

* 1. To what extent are you planning outreach, for example, at regional professional meetings?

Provide your response here.

1. Briefly describe demonstrated executive-level support for testing these products.

Provide your response here.

As a reminder:

1. Review all background information located on this product’s application page.
2. Once you have completed this form and secured the required Leadership Endorsement Letter, return to application page and complete the contact information fields.
3. Upload this form and the Leadership Endorsement Letter to the page. **Be sure you are attaching the form to the correct application page.**
4. Click “Submit;” you will receive an email confirmation that includes the uploaded endorsement letter and application form.
5. Application period will close June 27, 2014.

For more information or to find this product’s application page, visit the Implementation Assistance Program page (<http://www.fhwa.dot.gov/GoSHRP2/ImplementationAssistance>) on the GoSHRP2 website.