SHRP2 Implementation Assistance Program

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

Advanced Travel Analysis Tools for Integrated Travel Demand Modeling Bundle

Partnership to Develop an Integrated, Advanced Travel Demand Model and a Fine-Grained, Time-Sensitive Network (C10)

**FHWA Product Lead Name:** Brian Gardner, [Brian.Gardner@dot.gov](mailto:Brian.Gardner@dot.gov), 202-366-4061

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.

**Questions:**

* 1. Describe your organization’s interest in and goals for adopting these products and methods. (What do you hope to gain? How do you define success?)

Provide your response here.

* 1. What specific question (local issue of interest) do you plan to address with this tool?

Provide your response here.

* 1. Describe your approach to using the product or products:   
     a. What ABM or dynamic network modeling tools will be used?  
     b. How will time-dependent highway or transit routing be considered?  
     c. To what extent will dynamic network modeling tools be used in a large area?

Provide your response here.

* 1. Describe the data that you will need for this implementation, and where it will come from.

Provide your response here.

* 1. What is your agency’s past experience with activity-based modeling, dynamic traffic assignment and traffic simulation?

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. Briefly describe your work plan (tasks, deliverables and approximate dates, no more than 1 page total) for your use of the implementation assistance. What is your expected level of agency staff, consultant and university involvement?

Provide your response here.

* 1. To what extent will you be attempting to advance the state-of-practice, for example  
     a. Integration of methods from C04 or C05

b. Integration of methods from other SHRP2 capacity and reliability products  
c. Innovative use of new data sources, such as data hubs and data from ITS

Provide your response here.

* 1. Describe challenges / risks you expect to encounter in implementation, and how you plan to address them.

Provide your response here.

* 1. What cost / labor match, if any, is being provided?

Provide your response here.

* 1. What is your plan for adopting the advanced tools in this bundle on a sustainable basis, post SHRP2?

Provide your response here.

* 1. What actions will you be taking to broaden the user community of those using advanced methods?

1. Is another agency that is interested in eventually using advanced modeling methods able to closely follow your efforts?
2. To what extent are you planning outreach, for example, at regional professional meetings?

Provide your response here.

* 1. Will you have technical reviewer(s) who are outside the immediate project team?

Provide your response here.

**Selection Criteria:**

1. Choose an option:  
     
   



1. Extra credit will be given for:

* Multi-agency collaboration (e.g., an MPO partnered with a State or local agency with a specific issue or need for the tool).
* For applications that also make effective use of the concepts in the SHRP2 Reliability Data and Analysis Tools Bundle.

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.