Contact

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Implementation Assistance
Application for Identifying and Managing Utility Conflicts (R15B)

Read the Product Page

Background

Inaccurate and/or incomplete utility data can result in a variety of problems, such as:

- Construction delays that often extend the period of project development and delivery, and can increase total project costs.
- Damage to utility installations, which can lead to disruptions in utility service, environmental damage, and increased exposure of construction workers and the public to potential hazards.

While many agencies have developed innovative approaches to minimize construction-related delays, late identification of utilities conflicts—at the end of the project design or during construction—continues to occur, slowing construction and adding significantly to project costs.

The SHRP2 tool, Identifying and Managing Utility Conflicts (R15B), provides three products designed to help agencies and utility companies manage utility conflicts effectively throughout the project development and delivery process:

1. Compact, standalone Utility Conflict Matrix (UCM)
2. Utility conflict data model and database
3. One-day UCM training course

The UCM databases document the results of the utility conflicts throughout the design process. The underlying focus of the products is a comprehensive, coordinated approach to working with utility providers during the pre-construction phase to identify and resolve utility conflicts.

The UCM, readily available via Microsoft software (Excel and Access), enables users to document, organize, and track utility conflict data. Additionally, a one-day training course has been developed to help agencies incorporate the UCM in existing business practices so that utility conflicts are identified throughout the design process. Implementation assistance will be provided for six lead adopter incentives. Selected agencies will receive:

- Training on using the UCM excel and access databases
- Training on how to incorporate UCM into their existing business processes
- Technical assistance for adapting current business processes within their agencies to accommodate the use of the matrix throughout the design process

Leadership Endorsement

Each application submitted from an organization or agency must have the endorsement of the Chief Executive Officer or designee. The letter of endorsement is submitted as an attachment to the application. Guidance for creating an endorsement letter appears in the application below.

Priority Ranking

When multiple applications are submitted from an organization or agency, each application must have a designated priority ranking. Please rank all applications in one grouping including all product submissions from your agency. For purposes of ranking do not separate your organization's applications into categories for individual products, or levels of incentives such as Lead Adopter or User Incentive.

For example, your agency submits five applications; one application for each product C20, R02, R05, R15B, and R23. Your agency must rank each application in priority order from 1 to 5, with 1 as the highest priority and 5 as the lowest priority. For your convenience, you will find a box at the top of each application to designate the priority ranking. FHWA and AASHTO will take into consideration the agency's rankings when reviewing and evaluating the applications for implementation assistance.

Available Implementation Assistance

Type of Assistance:	Lead Adopter incentive
Number of Awards:	6
Funding Level:	Up to $150,000 in the form of technical and funding assistance for implementation activities.
Who Can Apply:	State Departments of Transportation. Local agencies can also apply if they work with the State DOTs to submit the application.
Application Deadline:	February 14, 2014

Requirements

- Commitment of State DOT leadership to use Identifying and Managing Utility Conflicts (R15B).
- Identification of one or more specific projects to use Identifying and Managing Utility Conflicts (R15B).
- Participation in product evaluation activities including a qualitative, organizational, before/after assessment conducted by an independent consultant for FHWA.
- Willingness to share knowledge with at least two other organizations interested in implementing R15B.
- Willingness to participate in regional or national knowledge sharing events to promote the product.

Application Form

Follow these steps to apply for implementation assistance:

1. Review all background information
2. Download the Identifying and Managing Utility Conflicts application form; and save it to your computer in order to iterate, revise, and secure approvals before uploading the final application and Leadership Endorsement Letter to this site
3. Once you have completed the form and secured the required Leadership Endorsement Letter, return to this page and complete the contact information fields below
4. Upload the completed application form and Leadership Endorsement Letter
5. Click submit; you will receive an email confirmation that includes the uploaded endorsement letter and application form

Attach letter of endorsement from CEO or designee
        no file selected
View Leadership Endorsement Guidance

Attach completed application form
        no file selected
Download the Identifying and Managing Utility Conflicts application form

 Indicate priority ranking for this application

Contact Information

State	Organization
Point of Contact	Title
Business Phone	Business Email

        Do you wish to subscribe to receive GoSHRP2 Email Updates?

SHRP2 Implementation Assistance Program
Round 3 Application Form

Identifying and Managing Utility Conflicts (R15B)

FHWA Product Lead Name: Amanda Rutherford, Amanda.Rutherford@dot.gov, 202-366-1332

This SHRP2 Solution is part of Round 3 of the Implementation Assistance Program. For more information about this product or about applying for implementation assistance, visit the [Implementation Assistance Program page](#) or this product's application page (where this form originated) on the GoSHRP2 website.

Questions:

1. What do you hope to accomplish if you receive this award? Describe the complexity of the project(s) and when the project(s) would be let. Include a general timeline for implementation. (Please limit response to 800 words or less)

   Provide your response here.

2. Describe your agency's existing internal processes for managing utility conflicts that could benefit from improvement. (Please limit response to 600 words or less)

   Provide your response here.

3. Describe at least one geographic area (road, bridge, intersection, etc.), and two or more pre-construction projects at varying levels of design (e.g., 10%, 30%, 90%), in which to use the UCM Excel and/or Access database product. (Please limit response to 600 words or less)

   Provide your response here.

4. Describe your agency's commitment to use UCM products: Excel and/or Access database and UCM training. (Please limit response to 50 words or less)

   Provide your response here.

5. Indicate your agency's willingness to host 2 to 4 training courses for product users, and provide the SHRP2 team the matrices and technical feedback to improve future training. Training assistance will be provided by the SHRP2 team. (Please limit response to 100 words or less)

   Provide your response here.

6. Indicate your agency's willingness to participate in R15B product evaluations including a qualitative, organizational, before/after assessment conducted by an independent consultant for FHWA. (Please limit response to 50 words or less)

   Provide your response here.

7. Indicate your agency's willingness to share knowledge, and participate in knowledge-sharing events to promote the product with future users interested in using the UCM Excel and/or Access database product and training. (Please limit response to 100 words or less)

    Provide your response here.

8. Describe your agency's leadership support to explore the use of the UCM Excel and/or Access database product and support for conducting training courses for product users. (Please limit response to 100 words or less; remember that you must also attach a separate letter of support from agency leadership to the application, as described below and on this product's application page)

    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.
4. Click submit; you will receive an email confirmation that includes the uploaded endorsement letter and application form.

For more information or to find this product's application page, visit the [Implementation Assistance Program page](#) on the GoSHRP2 website.