

Get Involved

➔ Second Round: Implementation Assistance Program

Expediting Project Delivery

Railroad-DOT Mitigation
Strategies

Managing Risk in Rapid
Renewal Projects

Performance
Specifications for Rapid
Highway Renewal

Leadership Endorsement Guidance

First Round Assistance Opportunities

Implementation Q&As

Contact Us

Contact

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Apply Now

Managing Risk in Rapid Renewal Projects

Implementation Assistance Application



Read the
Product
Page

General Information

Application Number: R09
Application Due: 9/6/2013

Date Posted: 8/2/2013
Status: Open

Last Updated: 8/2/2013
Lead Agency: Federal Highway
Administration

Background

The challenge facing transportation agencies today is how to manage the myriad of risk elements that present themselves over the course of a project from the earliest concept development stage through construction and operations. In the past, there has not existed a credible and reliable methodology to identify, quantify, and understand context for the many risks that might be present on a typical project. The *Guide for the Process of Managing Risks on Rapid Renewal Projects* is designed to address the challenges that transportation agencies face as they seek to address the increasingly complex risks that are a part of rapid renewal projects. The guide offers an agency the opportunity to take their risk assessment activities to a higher level and create a more robust decision making environment in which to make critical determinations for the delivery of an important project. That said the information found in the *Guide for the Process of Managing Risks on Rapid Renewal Projects* has application on many types of projects and not just on those narrowly defined as "rapid renewal." The *Guide for the Process of Managing Risks on Rapid Renewal Projects* presents a formal risk management process to better understand and actually optimize project performance by anticipating and planning for potential problems. The guide takes the user through the complete risk analysis process, which includes the following steps:

1. Project scope/strategy/conditions
2. Structuring
3. Risk identification
4. Risk assessment
5. Risk analysis
6. Risk management planning
7. Risk management implementation

By dedicating different sections of the guide to each of these steps, the user is able to see the totality of the process and the

essential role each step plays. Included in the guidebook are examples of Microsoft® Excel® spreadsheets that can be used for self-facilitation of the process. Of note are the rigor and detail with which risks are identified along with the probabilities of their impacts and their individual and aggregate influences on the desired outcomes for the project. The overall process can be facilitated either by in-house staff or outside experts.

Expected Benefits to the User

- Provides a formal plan for project risk management that enables organizations to be transparent with the public, partners, and stakeholders
- Outlines a versatile, flexible, and scalable process for use on projects of any size and type
- Increases the likelihood of on-time delivery by anticipating and managing risks
- Reduces costs through better management of budget and schedules
- Helps facilitate early identification of issues so projects are subject to fewer surprises

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.

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 four applications; one application for each product C19, R07, R09, and R16. Your agency must rank each application in priority order from 1 to 4, with 1 as the highest priority and 4 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.

Lead Adopter Incentive

 **Apply Now**

Number of awards available: 4

Funding level: Up to \$100,000 each, provided in the form of additional implementation assistance services and/or funding assistance for other implementation needs as identified by the DOT.

Implementation Assistance Services: Each DOT is provided one training session for DOT project managers and risk assessment facilitators, one demonstration workshop for application of the process on a DOT project, one peer exchange with other Lead Adopter participants, and technical assistance to incorporate the product as part of the project development process.

Open to: State DOTs

Requirements/Deliverables

- Commitment of DOT leadership and demonstration of culture to implement new processes for routine use at DOT;
- Demonstration of past interest and/or efforts to implement risk management principles as part of the DOT's project development process;
- Development of a plan to implement R09 as part of the DOT project development process;
- Availability of one DOT employee to lead R09 implementation activities for the DOT;
- Identification of one DOT project on which to demonstrate R09;
- Participation in R09 product evaluation activities including a qualitative, organizational, before/after assessment conducted by independent consultant; and
- Willingness to provide consultation (knowledge transfer) services to at least two other States interested in implementing the process or participate in Regional and National events to promote the product.

Attach letter of endorsement from CEO or designee
no file selected

[View Leadership Endorsement Guidance](#)

Indicate priority ranking for this application

Contact Information

State

Organization

Point of Contact

Title

Business Phone

Business Email

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1. Briefly describe your interest in implementing this product.
2. Briefly describe your past efforts to implement risk management principles in the project development process.
3. Briefly describe the activities and resources that may be needed to implement this product in your agency, e.g. training, demonstration workshops, technical assistance, and peer exchanges.

Project Information for Demonstration Workshop

1. Project Name
2. Project Location
3. Project Scope
4. Total Project Cost
5. Current Project Status, e.g. Planning, NEPA, Design, Construction
6. Start and End Date for Construction
7. Briefly describe noteworthy complexities or risks associated with the proposed project.

Please complete all highlighted fields