FHWA
Integrating Safety into the Project Development Process (PDP)
Creating a “How To” Guide

Presented at the 2015 Traffic Safety Conference

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June 9, 2015
Presentation Overview

1. Project Background and Objective
2. The Work Plan
3. Current Status and Document Structure
4. How You Can Help
Project Overall Objective

Develop an implementation manual that will:

- Aid decision makers in applying HSM and other safety procedures to projects of all sizes and scopes and at all stages of the project development process, and
- Provide linkage between the project development process and the HSM
Project Team

- FHWA
  - Ray Krammes
- SAIC
  - Jennifer Atkinson, Task Manager
  - Kelly Donoughe
- TTI
  - Karen Dixon, Principal Investigator
  - Mike Pratt
- K-H
  - Mike Colety
The Work Plan

• Task 1. Project Management
• Task 2. Develop Annotated Outline for the Informational Guide
• **Task 3. Write Informational Guide**
• Task 4. Develop Outreach Plan and Deliver Outreach Materials/Events
Key Document Development Requirements

• Define Phases of Project Development to Include in Document
• Identify Document Content and Structure
• Develop Example (Computational) Problems
• Develop at Least One Continuous Case Study
• Provide Document Navigation Guidance
NOTE: Elements of ongoing life cycle activities are incorporated into Chapter 4 and 6 as appropriate.
Current Document Format

• Introduction and Information Guide Organization
• Emerging safety assessment methods versus traditional safety evaluation techniques
• Overview of project development steps considered in document
• Individual Chapters for Each PDP Step with description and Techniques
• Appendix
Limitations to Current Format

• Redundant Content (same safety procedures used different ways in each phase)

• Continuous Case Study Included in Each Associated PDP Chapter (interrupts flow of example)

• Definitions and Descriptions in “Emerging Techniques” Section also Disrupt Document Flow for Target Audience
Potential Reorganization

• Introduction and Information Guide Organization
• Overview of project development steps considered in document
• One Chapter with All Safety Assessments and Examples
• One Chapter with Continuous Case Study
• Appendix which includes a Glossary of Emerging Safety Methods
Important Features of Potential Revised Format

• Developed as a PDF File with Active Links to the Various Assessment Methods
• Structured Around a Flow Chart so User Knows Which PDP Level to Review
• Continuous Case Study in Single Chapter
• Definitions (except one or two key ones) included in a Glossary
## Key Deliverables & Schedule

<table>
<thead>
<tr>
<th>Key Deliverables</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>Final Annotated Outline</td>
<td>January 3, 2015</td>
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<tr>
<td>Draft Informational Guide</td>
<td>May 3, 2015</td>
</tr>
<tr>
<td>Final Informational Guide suitable for publication</td>
<td>September 3, 2015</td>
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</tbody>
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How Can You Help?

• Submit Safety Questions that You Regularly Encounter as Part of the PDP
• Provide Good Examples Problems or Case Studies (answers good but not required)
• Offer to Provide Practitioner Feedback for the Final Draft of the Document
Questions

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