



SAFETY CERTIFICATION DOCUMENT AMENDMENT

To: ___ Region Planning Chief: <Chief Name>
 Bureau of Traffic Operations – Traffic Engineering & Safety Section (DOTBTOSafetyEngineering@dot.wi.gov)

From: <Analyst Name>
 ___ Region

Date: <MM/DD/YYYY>

RE: Amendment of the Safety Certification Document
 Original Approval Date: <MM/DD/YYYY>
 Project I.D. (design):
 Highway:
 Project Title:
 Project Subtitle:
 County

This amendment includes analysis of locations or improvements that were not included within the original Safety Certification Document. Any analysis within this document may have used different configuration files or values when compared to the original analysis. The original information produced shall be used for comparison purposes only. Having considered the safety performance of the existing corridor and any proposed improvements, we believe this document reflects the intent of the policy and guidelines described in section 11-38 of the Wisconsin Facilities Development Manual.

Preparer:

 Region Analyst Date

Approval:

 Bureau of Traffic Operations Date
 Traffic Engineering and Safety Section

 Region Supervisor Date



Project and Analyst Information

Table with 4 columns and 7 rows for project and analyst information including fields like Analyst, Agency, Date, Design ID, Highway, Project Title, Project Subtitle, Improvement Concept Code, and Scheduled Construction Year.

Purpose of Amendment

A1. Provide a narrative for the reason of the amendment to the original Safety Certification Document.

Describe the purpose of the amendment such as project limit adjustments or additional alternatives that were reviewed and any additional information.

Diagnosis of Safety Sites of Promise

A2. For new Safety Sites of Promise, describe the crash trends for the remaining crashes. If the location was described in the original Safety Certification Document, skip to Section A3.

Safety Sites of Promise:

List new Sites of Promise (i.e. "flagged locations") within the project area. Include the Meta-Manager segment PDP ID or Intersection ID as well as other contextual information (i.e. street names) to describe the location. Determine and describe the remaining crashes after the crash vetting process. Identify contributing factors and if crashes are correctible by an engineering solution. Describe any trends that may have occurred.

Attachments: Project location/overview map, Meta-Manager spreadsheet segment screenshot, Intersection Network Screening spreadsheet screenshot, Crash Diagrams, Vetting comments.

The Safety Certification Worksheet does not need to be updated with the amendment.

Countermeasure Identification, Safety Evaluation and Economic Appraisal

A3. Provide a narrative of each proposed alternative that was not included within the original document and the contributing factors (including geometric conditions) that are being targeted by the alternative. Include information within A3.1 from the original document for comparison purposes only. If the location was not identified within the original document, list all proposed alternatives and the contributing factors that are being targeted by the alternative.

Describe existing conditions of any new site of promise and the contributing factors. Include information such as design speed, curve radius, weather factors, roadway cross section, signage, etc.

If a new alternative was developed outside of the original Safety Certification Document, include only the information on the new alternative and compare it to the values produced within the original document. List the proposed alternatives and describe the contributing factors that would be mitigated with each alternative.

Attachments: Alternative concept drawings.



A3.1. Analysis Results

Bureau of Traffic Operations (BTO) approval is required for all projects that complete the Safety Evaluation and Economic Appraisal procedure.

Analysis Location:	<i>List the analysis location (Site of Promise) or limits of the proposed treatment</i>
Analysis Method:	<i>List which method is used (Method 1, 2, or 3)</i>
External CMF Value:	<i>List the CMF value if using an external CMF. External CMFs are any CMFs used outside of the IHSDM software.</i>
External CMF Source:	<i>List the external CMF source, such as from the WisDOT CMF table. See the Traffic Engineering, Operations and Safety Manual (TEOpS) 12-3-1.</i>

	Base	Alt. A	Alt. B	Alt. C
Alternative Name				
Date of Analysis				
Fatal & Injury Crashes				
Property Damage Only Crashes				
Total Crashes				
Benefits				
Cost				
Cost Difference (From Base Case)				
Safety B/C				

Comments:

Use the provided table or include screenshots of Table 8 (Case Cost Summary) and Table 9 (Case Crash Summary) from the Economic Analysis Report for each analysis. List any noteworthy comments about the analysis or IHSDM inputs in the provided comment field. Identify any alternatives that were evaluated in the original document.

In some cases, an alternative may be less expensive than the base case. For these cases, use the lowest cost alternative as the base case when performing the Economic Appraisal. When evaluating alternatives such as High Friction Surface Treatment or signal-related work, where resurfacing costs would be the same across all proposed alternatives, the base case cost can be \$0.

Attachments: *Cost estimates, IHSDM Crash Prediction Evaluation Reports, Highway Safety Benefit-Cost Analysis tool results (Method 1 only), IHSDM Economic Analysis Report.*

A3.2. Describe other information relevant to the project such as community considerations, unique features, potential funding sources, etc.



ATTACHMENTS

Include attachments that were not included within the original analysis that are pertinent to the amended SCD analysis

- A. Project Information
 - a. Project Location/Overview Map
 - b. Crash Diagram(s)
- B. Diagnosis (Crash Vetting) Documentation
 - a. WisTransPortal crash data spreadsheet with vetting comments
- C. Safety Evaluation and Economic Appraisal Documentation
 - a. Layout/Schematic for each alternative
 - b. Cost estimate for each alternative
 - c. IHSDM Crash Prediction Evaluation Report for each alternative
 - d. IHSDM Economic Analysis Report
 - e. Highway Safety Benefit-Cost Analysis Tool results
- D. Original Safety Certification Document