Practitioner Guidance for the Use and Development of Work Zone Crash Modification Factors

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While the Highway Safety Manual (HSM) provides Crash Modification Factor (CMF) values for various safety treatments, work zone-related CMF availability is limited. The use of work zone CMFs can help practitioners to estimate safety benefits of work zone countermeasures. This presentation will provide an overview of practitioner guidance that has been developed for both the application of existing work zone CMFs and the generation of new work zone CMFs. The presentation will also provide background information on existing work zone CMFs and will include examples to demonstrate the process for generating and implementing work zone CMFs.

*Keywords*: work zones; safety; countermeasures; crash modification factors