



CMF / CRF Details

CMF ID: 6964

Provide on-ramp

Description: Presence of on-ramp

Prior Condition: No on-ramp present

Category: Access management

Study: [NCHRP Report 794: Median Cross-Section Design for Rural Divided Highways, Graham et al., 2014](#)

Star Quality Rating:

Stars

[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 1.581

Adjusted Standard Error:

Unadjusted Standard Error: 0.335

Crash Reduction Factor (CRF)

Value: -58.1 (*This value indicates an **increase** in crashes*)

Adjusted Standard Error:

Unadjusted Standard Error: 33.5

Applicability

Crash Type: Other

Crash Severity: K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types: Principal Arterial Other Freeways and Expressways

Number of Lanes: 6

Road Division Type: Divided by Median

Speed Limit:

Area Type: Rural

Traffic Volume:

Time of Day: All

If countermeasure is intersection-based

Intersection Type:

Intersection Geometry:

Traffic Control:

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used: 2000 to 2006

Municipality:

State: CA, NC, OH, PA, WA

Country: USA

Type of Methodology Used: 7

Sample Size Used:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-01-2015
Comments:	This CMF applies to the presence of an on-ramp for other median-related crashes on six-lane freeways with traversable medians.

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