



# CMF / CRF Details

**CMF ID: 6988**

**Increase Median Width**

**Description: Increase median width**

**Prior Condition: Median of unspecified width with barrier**

**Category: Roadside**

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

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Star Quality Rating:</b>          |                                      |
| <input type="text" value="4 Stars"/> | <a href="#">[View score details]</a> |

| <b>Crash Modification Factor (CMF)</b> |       |
|----------------------------------------|-------|
| <b>Value:</b>                          | 1.02  |
| <b>Adjusted Standard Error:</b>        |       |
| <b>Unadjusted Standard Error:</b>      | 0.004 |

| <b>Crash Reduction Factor (CRF)</b> |                                                            |
|-------------------------------------|------------------------------------------------------------|
| <b>Value:</b>                       | -1.98 (This value indicates an <b>increase</b> in crashes) |
| <b>Adjusted Standard Error:</b>     |                                                            |
| <b>Unadjusted Standard Error:</b>   | 0.44                                                       |

## Applicability

**Crash Type:** Other

**Crash Severity:** All

**Roadway Types:** Principal Arterial Other Freeways and Expressways

**Number of Lanes:** 4

**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 2007

**Municipality:**

**State:** CA, MO, NC, OH, PA, WA

**Country:** USA

**Type of Methodology Used:** 7

|                          |  |
|--------------------------|--|
| <b>Sample Size Used:</b> |  |
|--------------------------|--|

| <b>Other Details</b>                      |                                                                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Included in Highway Safety Manual?</b> | No                                                                                                                                |
| <b>Date Added to Clearinghouse:</b>       | Nov-01-2015                                                                                                                       |
| <b>Comments:</b>                          | This CMF applies to increasing median width by one foot for rollover crashes on four-lane freeways with flexible median barriers. |

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