



# CMF / CRF Details

**CMF ID: 52**

**Install wire guardrails between lanes of opposing traffic**

**Description:**

**Prior Condition:** *No Prior Condition(s)*

**Category:** Roadside

**Study:** [Handbook of Road Safety Measures, Elvik, R. and Vaa, T., 2004](#)

<b>Star Quality Rating:</b>	
	<input type="text" value="X Star"/>

<b>Crash Modification Factor (CMF)</b>	
<b>Value:</b>	0
<b>Adjusted Standard Error:</b>	2.54
<b>Unadjusted Standard Error:</b>	0.51

<b>Crash Reduction Factor (CRF)</b>	
<b>Value:</b>	100 <i>(This value indicates a <b>decrease</b> in crashes)</i>
<b>Adjusted Standard Error:</b>	254
<b>Unadjusted Standard Error:</b>	51

## **Applicability**

<b>Crash Type:</b>	All
<b>Crash Severity:</b>	K (fatal)
<b>Roadway Types:</b>	Principal Arterial Other
<b>Number of Lanes:</b>	3
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	
<b>Area Type:</b>	Not specified
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	

*If countermeasure is intersection-based*

<b>Intersection Type:</b>	
<b>Intersection Geometry:</b>	
<b>Traffic Control:</b>	
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

**Development Details**

<b>Date Range of Data Used:</b>	
<b>Municipality:</b>	
<b>State:</b>	
<b>Country:</b>	
<b>Type of Methodology Used:</b>	4
<b>Sample Size Used:</b>	

## Other Details

<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Dec-01-2009
<b>Comments:</b>	

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