



## CMF / CRF Details

**CMF ID: 2143**

**Install bicycle tracks**

**Description:** Bicycle tracks are about 2-2.5 meters wide.

**Prior Condition:** No bike facilities

**Category:** Bicyclists

**Study:** [\*Bicycle Tracks and Lanes: a Before-After Study, Jensen, 2008\*](#)

**Star Quality Rating:**



### Crash Modification Factor (CMF)

**Value:** 1.09

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.143

### Crash Reduction Factor (CRF)

**Value:** -9 (*This value indicates an **increase** in crashes*)

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 8.26

**Applicability**

<b>Crash Type:</b>	All
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not Specified
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	
<b>Area Type:</b>	
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	All

***If countermeasure is intersection-based***

<b>Intersection Type:</b>	Roadway/roadway (not interchange related)
<b>Intersection Geometry:</b>	
<b>Traffic Control:</b>	
<b>Major Road Traffic Volume:</b>	5000 to 28000 Average Daily Traffic (ADT)
<b>Minor Road Traffic Volume:</b>	

**Development Details**

<b>Date Range of Data Used:</b>	
<b>Municipality:</b>	Copenhagen, Denmark
<b>State:</b>	
<b>Country:</b>	

<b>Type of Methodology Used:</b>	3
<b>Sample Size Used:</b>	
<b>Before Sample Size Used:</b>	77
<b>After Sample Size Used:</b>	77

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Dec-01-2009
<b>Comments:</b>	Left turn - turning MV with MV

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