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Transport Infrastructure Ireland

## TII Publications

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# Guidance for Measuring and Pricing of Road Restraints Systems (Vehicle and Pedestrian)

**CC-GMP-00400**  
June 2020

## About TII

Transport Infrastructure Ireland (TII) is responsible for managing and improving the country's national road and light rail networks.

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<b>TII Publication Title</b>	<i>Guidance for Measuring and Pricing of Road Restraints Systems (Vehicle and Pedestrian)</i>
<b>TII Publication Number</b>	CC-GMP-00400

<b>Activity</b>	<i>Construction &amp; Commissioning (CC)</i>	<b>Document Set</b>	<i>Standards</i>
<b>Stream</b>	<i>Guidance for Measuring &amp; Pricing (GMP)</i>	<b>Publication Date</b>	<i>June 2020</i>
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## TII Authorisation and Contact Details

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## TII Publications



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<b>Activity:</b>	Construction & Commissioning (CC)
<b>Stream:</b>	Guidance for Measuring & Pricing (GMP)
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**Updates to TII Publications resulting in changes to  
Guidance for Measuring and Pricing of Road Restraints Systems (Vehicle and Pedestrian)  
CC-GMP-00400**

**Date:** June 2020

**Page No:** 1

**Section No:** 1

**Amendment Details:**

This document supersedes the October 2016 version of CC-GMP-00400. The principal changes from the previous document are as outlined below:

- a) Clarification regarding the Intermediate Length of a safety barrier being included in the measurement of Terminals has been added.

# 1. Safety Barrier

The Requirements for Measuring and Pricing provides for three categories of curvature of safety barriers for payment purposes. Curves which are made up of individual straight lengths of beams should not be considered to be small lengths of straight fence. They should be measured as curved fences within Group II features in the Requirements for Measuring and Pricing. The radius is to be considered to be the radius equal to that of the arc which passes through the posts.

The Intermediate Length includes the part of the safety barrier system between the terminal and the Length of Need. This may include any length of safety barrier required to achieve the minimum system tested length for the product chosen by the Contractor which cannot be measured at the time of measurement.

## **2. Vehicle Parapets**

The Requirements for Measuring and Pricing provides for two categories of curvature of vehicle parapets for payment purposes. Curves which are made up from individual straight lengths of parapet should not be considered to be small lengths of straight parapet.

### **3. Pedestrian Guardrails, Pedestrian Guardrails and Handrails**

Curves which are made up from individual straight lengths should not be considered as curved elements but as straight guardrails or handrails.

Where the rails are actually curved they should be measured as curved guardrails or handrails as described by the specific radius.


## **4. Materials for Standard Parapets**

The materials for use in standard parapets should not normally have been designated by the Employer.







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