Standard Construction Details (SCDs) – Series 400

TII Publications contains Standard Construction Details (SCDs) for use on National Road schemes in Ireland. This composite document brings together all the Series 400 SCDs from TII Publications current at the date of this document’s publication, into a single location for convenience.

Every effort has been made to keep this composite document updated and available from the TII Publications website (http://www.tiipublications.ie/). Please note that the SCD drawings available from the TII Publications website (individually linked below) are the controlled versions for all SCDs.

The SCDs contained in this document are as follows:

**Series 400 Safety Barriers and Pedestrian Guardrails**

<table>
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<tr>
<th>SCD Number</th>
<th>Description</th>
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<tr>
<td>CC-SCD-00401</td>
<td>Safety Fences - Pedestrian Guardrail</td>
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<tr>
<td>CC-SCD-00405</td>
<td>Safety Barriers - In Situ Concrete Safety Barrier Bifurcation at Structural Support That is Designed for Vehicular Impact Loading</td>
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<td>CC-SCD-00406</td>
<td>Safety Barriers - Not Used</td>
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<td>CC-SCD-00407</td>
<td>Safety Barriers - Central Reserve Detail of Type 1 Dual Carriageway / Standard Motorway with In Situ Concrete Barrier</td>
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<td>CC-SCD-00408</td>
<td>Safety Barriers - Central Reserve Detail of Type 2/3 Dual Carriageway with Lane Segregation Barrier</td>
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NOTES:

1. PROFILE VARIES AND SHALL BE IN ACCORDANCE WITH THE IN-SITU CONCRETE BARRIER OR VARIATION CERTIFICATE FOR THE PROPRIETARY PRODUCT.

2. REFER TO CDG SERIES DRAWINGS FOR DETAILING DETAILS.

CENTRAL RESERVE
2600mm MIN (INCREASED WHERE NECESSARY FOR STEPPING SOCKET DISTANCE)

DETAIL WITH NORMAL CROSSFALL

DETAIL WHERE CARRIAGeway IS SUPERELEVATED

NOT TO SCALE

CENTRAL RESERVE DETAIL OF TYPE 1 DUAL CARRIAGeway/STANDARD MOTORWAY WITH IN-SITU CONCRETE BARRIER

NATIONAL ROADS AUTHORITY

ROAD CONSTRUCTION DETAILS

SAFETY BARRIERS

P5 11/15
P4 03/15
P3 02/12
Issue Date

RCD/400/7
TYPICAL DETAIL
(MINIMUM CENTRAL RESERVE & NORMAL CROSSFALL)

ALTERNATIVE DETAILS
(WIDENED CENTRAL RESERVE/
SUPERELEVATED CARRIAGEWAY)

TII PUBLICATION NUMBER:  CC-SCD-00408

NATIONAL ROADS AUTHORITY

ROAD CONSTRUCTION DETAILS

SAFETY BARRIERS

P2 01/09
P1 08/01

Issue Date

CENTRAL RESERVE DETAIL OF
TYPE 2/3 DUAL CARRIAGEWAY
WITH LANE SEGREGATION BARRIER

RCD/400/8