Standard Construction Details (SCDs) – Series 1200

TII Publications contains Standard Construction Details (SCDs) for use on National Road schemes in Ireland. This composite document brings together all the Series 1200 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.

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Series 1200 Traffic Signs

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STEEL CAP WELDED TO 114.3mm x 3.6mm CIRCULAR HOLLOW SECTION

25mm Ø THROUGH HOLE WITH REMOVABLE CAPS

SLEEVE TO BE SEALED WITH A RUBBER RING SECURED BY SPOT WELDS

9 No. 6mm SHIMS WELDED TO OUTSIDE OF BOLLARD TO GIVE NEAT FIT INSIDE SLEEVE

STEEL SLEEVE 139.7mm x 5.0mm CIRCULAR HOLLOW SECTION

500mm Sq. x 500mm DEEP ST4 CONCRETE, TOP OF CONCRETE FINISHED AT UNDERSIDE OF BASECOURSE LAYER

NOTES:
1. BOLLARDS AND SLEEVES TO BE GALVANISED TO BS 729.
2. BOLLARDS TO BE PAINTED RED AND WHITE.
REFLECTOR FOR USE ON STEEL BARRIERS:

SIDE MOUNTED 120mm x 100mm x 60mm REFLECTOR

SIDE MOUNTED 60mm Ø REFLECTOR

NOT TO SCALE

TOP MOUNTED REFLECTOR
TSM REF W186

REFERENCES:
1. REFLECTORS ON THE LEFT HAND SIDE OF THE CARRIAGeway SHALL BE RED RETROREFLECTIVE. REFLECTORS ON THE RIGHT HAND SIDE OF THE CARRIAGeway SHALL BE WHITE RETROREFLECTIVE.
2. SAFETY BARRIER REFLECTORS SHALL BE FIXED WITH CORROSIVE RESISTANT AND VANDAL RESISTANT MATERIALS.
NOT TO SCALE

NOTES:

1. CONCRETE USED FOR FOUNDATIONS SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 20mm.
2. CONCRETE USED FOR FOUNDATIONS SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 10N/mm².
3. JUNCTION DEFINITION POSTS SHALL BE LOCATED APPROXIMATELY 1200mm FROM THE EDGE OF CARRIAGeway.
4. JUNCTION DEFINITION POSTS SHALL BE MANUFACTURED FROM 3mm THICK DARK GREEN PLASTIC.
5. THE NON-RETROREFLECTIVE PARTS OF THE POST SHALL BE CLASS NR1 IN ACCORDANCE WITH TABLE 16 OF IS EN 12899-1.
6. THE RETROREFLECTIVE PARTS OF THE POST SHALL BE CLASS R2 IN ACCORDANCE WITH TABLE 4 OF IS EN 12899-1.
OPTION A

CAN BE SECURED BY SIGN CLIPS IF CHANNEL LINES UP, IF NOT USE TECH SCREWS.

SAME AS BELOW

SAME AS ABOVE

OPTION B

CAN BE SECURED BY SIGN CLIPS IF CHANNEL LINES UP, IF NOT USE TECH SCREWS.

SAME AS BELOW

SAME AS ABOVE
NOT TO SCALE

REFLECTIVE MARKER ON WHITE BACKGROUND PROVIDED ON BOTH SIDES OF THE DELINEATOR POST IF NECESSARY.

VERGE DELINEATOR POST
TSM REF W180R/W180W

600 REFLECTORS @ 75mm CENTRES

MIN. 100

MIN. 100

MIN. 300

CHANNELISING DELINEATOR POST

75mm HIGH WHITE RETROREFLECTIVE MATERIAL ON WHITE BACKGROUND

MIN. 100

MIN. 300

MIN. 300

NOTES:
1. DELINEATOR POSTS SHALL COMPLY WITH THE VISUAL AND PERFORMANCE REQUIREMENTS OF IS EN 12899-3.
2. DELINEATOR POSTS SHALL BE CLASS NR1 IN ACCORDANCE WITH TABLE 16 OF IS EN 12899-1.
3. REFER TO SUB CLAUSES 1211(10) & (11) FOR THE POSITIONING AND FIXING DETAILS OF DELINEATOR POSTS.
4. RETROREFLECTORS SHALL BE TYPE R2 AND SHALL COMPLY WITH TABLES 4 & 6 OF IS EN 12899-3.
NOT TO SCALE

NOTES:
1. THE RETROREFLECTIVE PARTS OF NOSING MARKERS SHALL BE CLASS RA2 IN ACCORDANCE WITH TABLE 4 OF BS EN 12899-1.
2. NOSING MARKERS SHALL BE BLUE ON MOTORWAYS AND GREEN ON NATIONAL ROADS.
3. NOSING MARKERS SHALL BE ANCHORED BY CLAMPS AND BOLTS WHICH ARE CORROSION AND VANDAL RESISTANT.
NOT TO SCALE

NOTES:
1. THE RETROREFLECTIVE PARTS OF NOSING MARKERS SHALL BE CLASS RA2 IN ACCORDANCE WITH TABLE 4 OF IS EN 12899-1.
2. NOSING MARKERS SHALL BE BLUE ON MOTORWAYS AND GREEN ON NATIONAL ROADS.
3. NOSING MARKERS SHALL BE ANCHORED BY CLAMPS AND BOLTS WHICH ARE CORROSION AND VANDAL RESISTANT.
4. SLOPING NOSING MARKER POLE IS FOR USE ON DIVERTING ROADS.

TII PUBLICATION NUMBER: CC-SCD-01208
T-JUNCTION DETAIL RURAL ROAD

''Y'' = SIGN HEIGHT
''X'' = 3/4 OF SIGN LENGTH
''Z'' = MH + ''Y'' + HEIGHT OF SIGNS (A) AND (B)
MH = MOUNTING HEIGHT

NOT TO SCALE
NOTE:

1. The location of services in sign foundations shall be noted by the contractor on site and details entered into the safety file for the client's information.