

Roads Service Policy & Procedure Guide: RSPPG_E060

Title: DISHED PRECAST CONCRETE DRAINAGE CHANNELS

Author : J Smyth
Version : 1
Implementation Date: To be effective from the "Date issued"
Date issued to users: 26 July 2011

Level 1 (Title / Key Words) : Channel, drain, kerb, kerbs
Level 2 : Engineering
(Directorate/Owner):
Level 3: (RSHQ or HoBU Managed Function): EPPS – Engineering Policy Branch
Level 4 : (Work Areas) Contracts, Development Control, Design, Health and Safety, Maintenance, Structures

Notes

This document is a direct replacement of DEM 25/01. As a consequence this document has not passed through the full document control system.

Certification

This document complies with Roads Service Policy. For Implementation and Issue Dates, see above.

(Signed) RJM Cairns Director of Engineering

Certification Date: 26 July 2011

CONTENTS

1	INTRODUCTION	3
1.1	<u>Purpose</u>	3
1.2	<u>Definitions</u>	3
1.3	<u>Background</u>	3
1.4	<u>Costs and Benefits</u>	3
2	ROADS SERVICE POLICY & PROCEDURE	4
2.1	<u>Pre-cast Concrete Drainage Channels</u>	4
3	EQUALITY IMPACT ASSESSMENT	5
3.1	<u>Equality Impact Assessment Section 75 of the Northern Ireland Act 1998</u>	5
4	REFERENCES	6
4.1	<u>General References.</u>	6
5	APPENDICES	7
5.1	<u>None Used</u>	7
6	CONTROL SHEET - ROADS SERVICE POLICY & PROCEDURE GUIDE: E060	8
6.1	<u>Document History</u>	8
6.2	<u>Overall Reasons for this Version</u>	8
6.3	<u>Revision Details</u>	8

1 Introduction

1.1 Purpose

This Roads Service Policy & Procedure Guide (RSPPG):-

- a) Is aimed at all staff involved with the design, selection or maintenance of dished precast concrete drainage channels

1.2 Definitions

1.2.1 Precast concrete drainage channel – precast concrete units, used individually or in combination with other units to form depressed channels intended to convey surface water.

1.3 Background

1.3.1 Precast concrete drainage units are often used for draining and managing surface water on footpaths, pavements and other hard surfaces throughout Northern Ireland. This RSPPG is to ensure the appropriate standards and specifications are adhered to when specifying or assessing these units.

1.4 Costs and Benefits

This RSPPG replaces existing Roads Service policy contained in DEM 25/01 and therefore will not have any associated costs with its implementation.

2 Roads Service Policy & Procedure

2.1 Precast Concrete Drainage Channel

2.1.1 All precast drainage channels for use on footways and pedestrian paved areas shall be in accordance with the Specification for Highway Works, Clause 1101NI. This states that precast concrete channels shall comply with BS EN 1340: Part 1; designated 'Channel dished: Type CD'. Any variation to this requires a scheme specific amendment to the specification. Such amendments shall only be considered if it can be satisfactorily demonstrated, to Roads Service, that the said channel:

- does not constitute any greater a hazard to the public than channels complying with BS EN 1340: Part 1;
- can satisfactorily cope with the necessary drainage requirements;
- complies with all other aspects of BS EN 1340: Part 1, eg strength; and
- complies with the Technical Specification Requirements of the EC procurement directives.

3 Equality Impact Assessment (EQIA)

3.1 Equality Impact Assessment Section 75 of the Northern Ireland Act 1998

3.1.1 An equality screening analysis has been carried out on the policy contained in this RSPPG. Equality implications have been considered and no differential impact on any of the groups listed in section 75 of the Northern Ireland Act 1998 has been identified. In consequence, a full equality impact assessment is not considered necessary.

4 References

4.1 General References

4.1.1 None Used

5 Appendices

5.1 None used

6 Control Sheet - Roads Service Policy & Procedure Guide: E060

Title: Dished Precast Concrete Drainage Channels

6.1 Document History

Version	Date	Author	Authorised by Document Control Panel Members Name : Signature
1	June 2011	J. Smyth	G Brown

6.2 Overall Reasons for this Version

Version	Reasons
1	This is the first issue of this RSPPG which replaces DEM 25/01

6.3 Revision Details

Version	Amendments