

NRA ADDENDUM TO

BD 51/98

PORTAL AND CANTILEVER SIGN/ SIGNAL GANTRIES

Standard BD 51/98 – Portal and Cantilever Sign/Signal Gentries - is applicable in Ireland with the following amendments:

GENERAL

1. This Standard provides specification requirements for use in public purchasing contracts. It does not lay down legislation requirements for products and materials used in road construction in Ireland.

2. At several locations:

For: “Overseeing Organisation” or “Technical Approval Authority” or “TAA”
Read: “National Roads Authority”;

For: “highway”
Read: “road”;

For: “Specification for Highway Works (MCHW 1)” or “SHW”
Read: “NRA Specification for Road Works”;

For: “BD2, Part 1 (DMRB 1.2)”
Read: “NRA BD2 (NRA DMRB 1.1)”;

For: “TD 27 (DMRB 1.2)” or “TD 27 (DMRB 6.1)”
Read: “NRA TD 27 (NRA DMRB 6.1.2)”;

For: “BD 37 (DMRB 1.3.13)”
Read: “BD 37 (DMRB 1.3)”.

SPECIFIC

1. Page 1/1, Paragraph 1.2:
Delete Paragraph 1.2 and replace with:
“1.2 This Standard should be used forthwith for all schemes for the construction and/or improvement of national roads. The Standard should be applied to the design of schemes already being prepared unless, in the opinion of the National Roads Authority, application would result in significant additional expense or delay progress. In such cases, Design Organisations should confirm the application of this Standard to particular schemes with the National Roads Authority.”
2. Page 1/1, Paragraph 1.3, line 9:
Delete: “which should be designed in accordance with TA13/01”.
3. Page 1/1, Paragraph 1.6(ii), line 2:
For: “motorway signals Mark 2; 420 and 320 enhanced message signs;”
Read: “motorway signals; enhanced message signs;”
4. Page 2/1, Paragraph 2.1, line 3:
For: “TD 9, TD 18 and TD 33 (DMRB 6.1.1, 9.1.2 and 8.2.2 respectively), together with TA 74 (DMRB 8.1)”
Read: “NRA TD 9 (NRA DMRB 6.1.1) and TD 33 (DMRB 8.2.2)”.
5. Page 2/1, Paragraph 2.2, second sentence:
Delete second sentence “The Design ... (MCHW 0.2.4).” and replace with:
“The design organisation shall agree the appropriate procedure for the procurement of sign gantries with the National Roads Authority.”
6. Page 4/1, Paragraph 4.3, line 2:
For: “the appropriate TAA”
Read: “National Roads Authority”.
7. Page 4/4, Paragraph 4.28, line 5 and Paragraph 4.29, line 4:
For: “BD 13 and BD 24 (DMRB 1.3.13 and 1.3.1 respectively),” and
“BD 13 and BD 24 (DMRB 1.3.13 and 1.3.1),”
Read: “BD 13 (DMRB 1.3) and NRA BD 24 (NRA DMRB 1.3.1).”.
8. Page 4/5, Paragraph 4.36, lines 5 and 7:
For: “SHW Clause 1530.7” and “SHW Clause 1530.4”
Read: “NRA Specification for Road Works Clause 1507”.

9. Page 5/1, Paragraph 5.1:
Delete Paragraph 5.1 and replace with:
“5.1 The overall appearance is an important consideration for gantries. The gantry design shall be submitted to National Roads Authority for approval of its appearance at the time of Preliminary Appraisal.”
10. Page 5/1, Paragraph 5.3:
Delete Paragraph 5.3 and replace with:
“5.3 When locating gantries and signs in their general landscape setting, designers shall consider their environmental impact. Where necessary, Environmental Impact Statements shall be prepared in accordance with current legislation. Volumes 10 and 11 of the DMRB advise on the environmental assessment of road schemes. In particular, they identify the visual impact created by the location of roads and of road features such as signs and gantries and suggest methods of mitigating the impact.”
11. Page 5/1, Paragraph 5.4: line 17:
For: “presented for assessment in the textual and environmental framework format required in DMRB, Volume 11.”
Read: “presented for assessment in an approved format.”
12. Page 5/2, Paragraph 5.12: line 4:
At the end of first sentence, insert:
“Similar colours are considered appropriate for Ireland.”
13. Page 6/1, Paragraph 6.2: line 9:
For: “Health and Safety Executive”
Read: “Health and Safety Authority”.
14. Page 6/2, Paragraph 6.13: line 7:
For: “installed in accordance with BS 7671 *Requirements for electrical installations.*”
Read: “installed in accordance with the National Rules for Electrical Installations, published by The Electro-Technical Council of Ireland.”
15. Page 7/2, Paragraph 7.8: line 2:
For: “The Traffic Signs Regulations and General Directions”
Read: “The Road Traffic (Signs) Regulations”.
16. Page 7/3, Paragraph 7.19: line 6:
For: “TA 74 (DMRB 8.1)”
Read: “TA 74 (DMRB 9.4.3)”.
17. Page 7/3, Paragraph 7.20, line 10:
For: “in use in the rest of the UK”
Read: “in use in Ireland”.

18. Pages 7/3 & 7/4, Paragraph 7.19 to 7.29:
Delete Paragraphs 7.19 to 7.29 and replace with:
“7.19 The other main purpose of gantry structures is to support variable message signs and signals over the carriageway. The standards for motorway signals are detailed in TD 33 (DMRB 8.2). The use of signals on gantries shall be in accordance with the Traffic Signs Manual and shall be agreed with the NRA.”

19. Page 8/1, Section 8.1, lines 3, 13, 21 and 22:
Delete references to BD2 Part 1, BD24, TD9 and TD27 and replace with:
“NRA BD2 Technical Approval of Structures on Motorways and other National Roads (NRA DMRB 1.1).
NRA BD 24 Design of Concrete Road Bridges and Structures: Use of BS 5400: Part 4: 1990 (NRA DMRB 1.3.1).
NRA TD9 Road Link Design (NRA DMRB 6.1.1).
NRA TD27 Cross-sections and Headroom (NRA DMRB 6.1.2).”

20. Page 8/2, Section 8.2:
Delete Section 8.2 and replace with:
“8.2 NRA Manual of Contract Documents for Road Works: Volume 1, Specification for Road Works.”

21. Page 8/3, Section 8.5, line 1:
Delete lines 1 to 5 and replace with:
“Traffic Signs Manual, 1996”.

22. Page 8/3, Section 8.5, line 10:
For: “The Traffic Signs Regulations and General Directions, HMSO, 1994”
Read: “The Road Traffic (Signs) Regulation 1997”.

23. Page 8/4, Section 8.5, line 14:
For: “Construction (Design and Management) Regulations, 1994”
Read: “The Safety, Health and Welfare at Work (Construction) Regulations, 1995”.

24. Page 8/4, Section 8.5, line 15:
For: “Health and Safety at Work Act, 1974”
Read: “The Safety, Health and Welfare at Work Act, 1989”.

25. Page 9/1, Chapter 9:
Delete text and replace with:
“9.1 All technical enquiries or comments on this Standard should be sent in writing to:

Head of Project Management and Engineering
National Roads Authority
St Martin’s House
Waterloo Road
Dublin 4”.



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E O’CONNOR
Head of Project Management and Engineering