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RAILTRACK PLC

**MODEL CLAUSES FOR SPECIFYING
CIVIL ENGINEERING WORKS**

**SECTION 227
Particular Specification
Permanent Way for Bridgeworks**

ISSUE NO. 1 REVISION A

**RT/CE/C/008/227N
Page 1 of 10**

Date: 31 March 1997

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Civil Engineering Directorate
King's Cross

Approved by:

Signature:.....
for Director, Civil Engineering

John Horsler
Civil Engineer, Structures Compliance
Chairman Model Clauses (Civil Engineering) Committee

Amendments

Amendments and additions since the previous issue are marked by a vertical line in the right hand margin.

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No:.....

SECTION 227

**PARTICULAR SPECIFICATION
PERMANENT WAY FOR BRIDGEWORKS**

The Specification for Permanent Way shall be modified by the following Particular Specification. In case of any discrepancy, the Particular Specification shall take precedence.

NOTE TO SPECIFIER

It is intended that a Particular Specification should be completed for each bridge to be constructed. Information on this first page may be deleted, added to, or reformatted to suit Zonal preferences. (Boxes should be expanded as required to contain the necessary information.) Further notes for guidance are given in the relevant boxes.

Railtrack Zone	
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Item No.			Location (Insert Name of Location)
1.	Description of work content, including ancillary work	10.004	<p><i>This should agree and complement the Scope of the Contract. A brief description of the Permanent Way work, including any Permanent Way design together with work to signalling equipment, a.c. or d.c. electrification equipment, as applicable, point heating equipment (S&C), and ancillary work such as walkways and track drainage associated with the bridgeworks should be provided.</i></p> <p><i>Specify if track is to be renewed across the bridge and if so, extent, limits and type of renewal, and any associated work. Specify rails, sleepers, ballast treatment and other requirements generated from CROWS line and Code. (Default is to reuse existing materials).</i></p> <p><i>Where the track is to be renewed, specify if new, remanufactured, or serviceable rail and new or serviceable sleepers are to be supplied. Indicate other materials that are not required to be new. (Default is all materials to be new unless specified elsewhere in the Specification).</i></p>
2.	ELR		
3.	Line		(e.g. Up, Down)
4.	Location	10.007	<p><i>Where not specified in Section 10: General, insert nearest geographical location identifiable on an Ordnance Survey 1/10,000 scale map with, if available, Ordnance Survey Grid Reference.</i></p>

Item No.			Location	(Insert Name of Location)
5.	Description of existing conditions (for information only - the Contractor shall be deemed to have inspected the Site)	10.008 10.013	As this description is for information only, the amount of detail is optional. Suggested items might include: (i) main earthworks features, (ii) location of adjacent structures (e.g. bridges, tunnels, platforms and station buildings), (iii) location of signals and other signalling and telecommunications equipment and cable routes, (iv) number of existing tracks and type, with permissible speed on each line, (v) Location of track features (e.g. S&C, IRJs, lubricators). A diagram/sketch may be used (on a separate sheet if more convenient).	
6.	Facilities for vehicular and/or foot access to Railtrack premises	10.014	Where not shown on a Contract Drawing or described elsewhere in the Contract, describe how vehicular and/or foot access to the Site may be obtained, and any limitations on such access such as load restrictions on bridges on the suggested access route to the bridge Site(s).	
7.	Environmental constraints	10.029 10.030	Describe the environment such as city, urban, rural or industrial. Give details of noise limits, and relevant periods for such limits if not included in Section 10: General. Detail rivers crossing the Site, and SSSIs, Conservation Areas, TPOs located in the Site. A typical Clause is included in Section 255: Management of Lineside Vegetation.	
8.	Dating of the Works	10.020	State date for completion of the Permanent Way works, and where applicable, state range of acceptable dates for work to be carried out in predetermined stages.	
9.	Maintenance of the track	221.062	Specify name, address and telephone number of the track maintenance contractor for the bridge location.	
10.	Absolute possessions and protection (TII) available	10.023 122.003 123.004 124.007 125.006 126.001	List absolute possessions that may be used by the Contractor giving details such as lines, limits, dates, times of beginning and end of absolute possessions, and total duration of all absolute possessions. Alternatively, refer to Rules of the Route where sections of this provide the necessary detail. Specify adjacent lines that will not be under an absolute possession and on which trains may pass during absolute possessions.	