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RAILTRACK PLC

**MODEL CLAUSES FOR SPECIFYING
CIVIL ENGINEERING WORKS**

SECTION 226

**Permanent Way Particular Specification
(S&C Renewals)**

ISSUE NO. 1 REVISION A

RT/CE/C/008/226N

Page 1 of 12

Date: 31 March 1997

Complied by: Keith Ross
Structures Standards Engineer
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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SECTION 226

PERMANENT WAY PARTICULAR SPECIFICATION S&C RENEWALS

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 item within a S&C renewals Contract. 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	<i>This should agree and complement the Scope of the Contract. A brief description of the type of work at the particular Site including the design and/or construction of switches and crossings together with associated 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 should be provided.</i>
		212.001	<i>Specify renewal type, and associated work. Specify rails, sleepers, ballast treatment and other requirements generated from CROWS line and Code.</i>
		216.001	<i>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>
2.	ELR		
3.	Mileage		<i>Specify extent of renewal in yards. Specify start mileage in miles and yards, and direction in which renewal is to be carried out or finish mileage and datum point. Specifier should use the latter option when either: (i) the mileage datum changes within the renewal, or (ii) there is a known or suspected discrepancy in the mileage marked at the location.</i>
4.	Line		<i>(e.g. Up, Down)</i>
5.	Location	10.007	<i>Insert nearest geographical location identifiable on an Ordnance Survey 1/10,000 scale map with, if available, Ordnance Survey Grid Reference.</i>

Item No.			Location (Insert Name of Location)
6.	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 (e.g. embankments and cuttings,) (ii) location of structures (e.g. bridges, tunnels, level crossings,) (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).
7.	Facilities for vehicular and/or foot access to Railtrack premises	10.014	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).
8.	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. 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.
9.	Dating of the Works	10.020	State latest date for substantial completion, and where applicable, state range of acceptable dates for work to be carried out in predetermined stages.
10.	Maintenance of the track	212.002	Specify name, address and telephone number of the track maintenance contractor for the renewal location.
11.	Absolute possessions and protection (TII) available	10.023	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.