

RUBBER RAIL SEAL

****From Castleton-West Rutland/Castleton AC STP 2705(1)/2908(1)/2909(1)**

- xx. DESCRIPTION. This work shall consist of furnishing and installing grade crossing rail seals at reconstructed grade crossings at the locations indicated in the Plans and as directed by the Engineer.
- xx. MATERIALS. Rail seals shall be specifically designed and manufactured for railroad grade crossing use.

Elastomeric materials shall be manufactured from a single high quality homogenous UV and ozone resistant compound. The cured compound shall be resistant to sunlight weathering, oxidation, and permanent deformation under load. The compound shall be designed to provide surface wear resistance and surface chemical spillage protection. The elastomeric interface shall be free of porosity, surface defects, and dimensional irregularities that may effect serviceability.

Rail seals shall be provided for both the field and gauge side of the rail.

The Contractor shall submit product details to the Engineer for approval.

- xx. CONSTRUCTION REQUIREMENTS. The Contractor install rail seals in accordance with the installation guidelines and requirements provided by the manufacturer and as directed by the Engineer.

The elastomeric interface shall provide a tight fit with the rail to minimize moisture infiltration and facilitate easy installation on both tangent and curved track. The ends of each piece of elastomeric interface shall be precision cut to ensure straight square ends.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Rubber Rail Seal) to be measured for payment will be the number of meters (linear foot) of rail seal installed in the complete and accepted work. Field and gauge side seals will be considered a single installation unit and will not be measured separately.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Rubber Rail Seal) will be paid for at the Contract unit price per meter (linear foot). Payment will be full compensation for furnishing, transporting, handling, and placing the materials specified and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.640 Special Provision (Rubber Rail Seal)	Meter (Linear Foot)