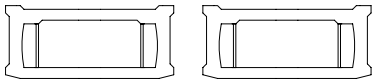


<b>TUNNEL NAME/LOCATION/DATE COMPLETED:</b> <b>Marne Tunnel; under the River Marne, Paris, France; 1989</b>		<b>T.76 - Marne River</b>	
			
<b>TUNNEL TYPE AND USE:</b> Prestressed concrete box sections; Vehicular		<b>LANES/TRACKS:</b> Two separate tunnels, each one tube, with three lanes of traffic in each tunnel.	
<b>NO OF ELEMENTS:</b> 7	<b>LENGTH:</b> 45-55 m	<b>HEIGHT:</b> 9 m	<b>WIDTH:</b> 17.5 m
<b>TOTAL IMMERSED LENGTH:</b> West Tunnel: 210 m      East Tunnel: 140 m		<b>DEPTH AT BOTTOM OF STRUCTURE:</b>	
<b>ENVIRONMENTAL CONDITIONS:</b>	Restricted channel area		
<b>FABRICATION METHOD:</b> In a casting basin at northern ramp site.		<b>JOINT TYPE:</b> Phoenix primary gasket and Omega secondary gasket.	
<b>WATERPROOFING METHOD:</b>	No waterproofing membrane, concrete prestressed in three directions.		
<b>PLACEMENT METHOD:</b>	Using mooring lines and ballasting. Level control maintained by four corner tanks. Two access shafts, one at each end of element.		
<b>FOUNDATION METHOD:</b>	Jacks and jetted or sand-flow foundation.		
<b>DREDGING METHOD:</b>	Backhoe-type dredge.		
<b>VENTILATION TYPE:</b>	Transverse, using side ventilation ducts.		
<b>ADDITIONAL INFORMATION:</b>	OWNER: Departement de Val de Marne, Direction de l'Equipement ENGINEER: Owner CONTRACTOR: Bouygues Offshore		