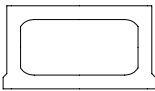


TUNNEL NAME/LOCATION/DATE COMPLETED: Météor Tunnel; under la Seine at Pont de Tolbiac, Paris, France; 1994		T.86 - Météor 	
TUNNEL TYPE AND USE: Reinforced concrete box elements; Railroad		LANES/TRACKS: One tube; two tracks	
NO OF ELEMENTS: 4	LENGTH: 34 m	HEIGHT: 6.30 m	WIDTH: 9.18 m
TOTAL IMMERSED LENGTH: 136 m		DEPTH AT BOTTOM OF STRUCTURE: 14 m	
UNUSUAL FEATURES:	Trench excavated in limestone. Elements constructed on a hydraulically operated platform next to trench, then lowered on platform and moved into trench.		
ENVIRONMENTAL CONDITIONS:			
FABRICATION METHOD:		JOINT TYPE:	
WATERPROOFING METHOD:	Permanently prestressed.		
PLACEMENT METHOD:	Four buoyancy towers on the roof were used to sink load element. Element was temporarily supported on concrete pads.		
FOUNDATION METHOD:	After element was in position on the temporary concrete pads, it was permanently fixed by the placement of tremie concrete underneath.		
DREDGING METHOD:	Clamshell dredging		
VENTILATION TYPE:	Piston action of trains		
COVER AND TYPE:	Approximately two meters of sand and stone		
ADDITIONAL INFORMATION:	OWNER: RATP CONTRACTOR: JV of 9 firms, Spie-Batignolles being leading partner		