

Core boring works on Colector de Pinos (Madrid) completed

On 16 September OSSA finished drilling the main tunnel for the Pinos Sub-basin Sewer for Madrid City Council.

Work is in progress for construction of an extension of the existing distributor, excavation of an extraction shaft 42 m deep and 18 m in diameter, and of a main tunnel using a TBM.

The main tunnel links the distributor extension to the extraction shaft and connections to two existing sewers. Its excavated length is 2,477.0 m with a 4.2 m circular internal cross-section and a covering of 20 cm thick reinforced concrete voussoirs. The connection between the excavated tunnel and the distributor will be carried out using prefabricated frames, thus completing the 2,557.3 m of this new sewer. Average performance achieved during the excavation was 30 m per day.

In addition, 10 manholes were constructed with an internal diameter of 2 m and a depth varying between 12 and 40 metres.

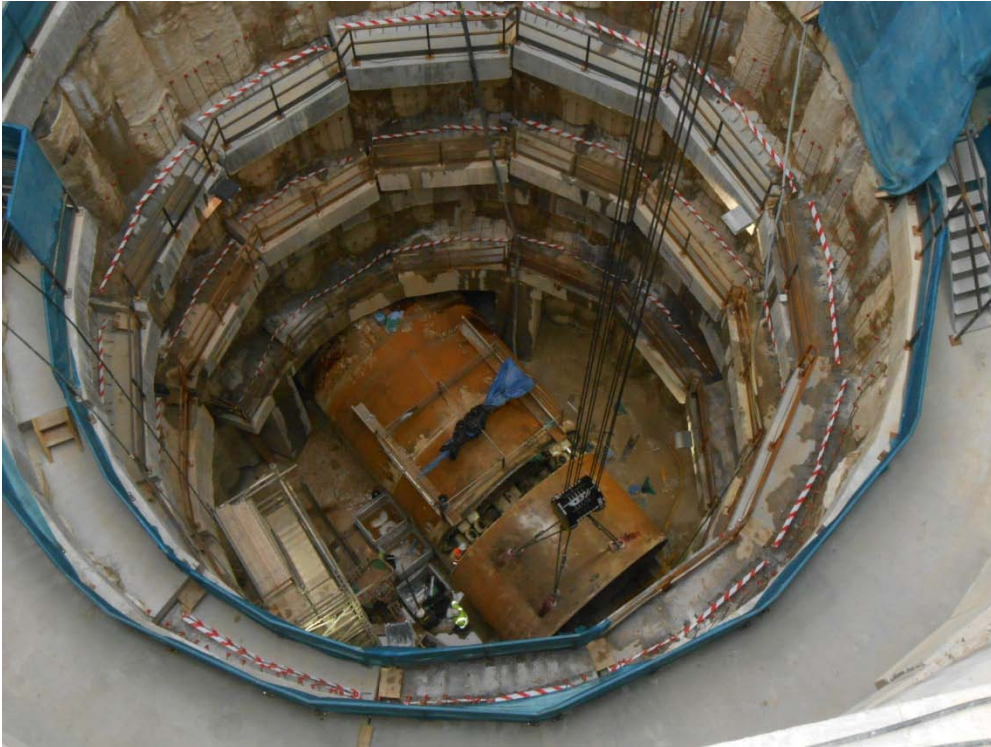
Photos of the official tunnel breakthrough ceremony on 16 September are shown here:







On the same day work began on dismantling the tunnelling machine.



Actualmente se están excavando en mina las galerías de conexión del túnel principal con los pozos de registro y arquetas de conexión con otros colectores. Destaca la conexión con el colector de Fuenteconcejo de 75 metros de longitud, una sección de excavación de 9 m² y dos rápidos de 17 metros con pendientes superiores al 40%.