

 **Bridges****Reference Details:**

Owner Moscow Municipality, Russia +++
Consultant EL GAD Ltd., Moscow, Russia
+++ **General Contractor** EL GAD Ltd., Moscow, Russia

DSI Services Supply of DYWIDAG Strand Post-Tensioning System including anchorages and couplers; Rental of special equipment.

**DYWIDAG Strand Post-Tensioning System successfully used in Russia****Tulskaya bridge, Moscow, Russia**

In connection with the construction of an inner ring road in Moscow, the erection of a new 1,000 m long bridge became necessary. For this purpose a continuous post-tensioned hollow box girder with constant overall depth was chosen. The width of the bridge is 30 m and typical span 40 m. The bridge superstructure was cast in place in sections on a mobile falsework. As a result a total of 100 segments with lengths varying from 14 to 30 m were necessary. For post-tensioning of the bridge superstructure DYWIDAG 15 and 19 strand $\text{Ø}15.7$ mm with type MA anchorages and type R couplers were installed. Construction was successfully completed in late 2001.