

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

**Client** Private Client

**Duration:** 1 Week

### Project: Shallow Ford River Wall Repair

#### Requirement:

Following the survey completed by TMS, a 17m section of the stonewall protecting the property of Shallow Ford was in need of repair after years of erosion from the River Tillingbourne. With the area being redeveloped the wall was at an increased risk of collapse causing damage to the property and increasing the flood risk for the surrounding homes. The river had broken away the grouting between the stones and was washing out the soil behind it, creating a void behind the wall.

#### Solution:

Following approval and a bat survey from the Environment Agency, work started on the repairs to the wall. Using sandbags to create a dry working area, shuttering was placed 100mm off the wall and concrete was poured into the wall filling the void behind the wall and creating a new face against the river. The concrete was poured to 100mm above the water level to protect the wall from further deterioration. A series of concrete pours over a few days completed the 17m of repairs required to protect the Shallow Ford property for years to come. Sections of the wall above the water level had all vegetation removed and was repointed to complete the repairs.”

