

Worthing

BOROUGH COUNCIL

PROPERTY SERVICES

Coast Protection Maintenance Bulletin - May 2005

Introduction

The maintenance contract for the Worthing coastline commenced in April 2002 for a minimum period of 5 years. The new maintenance contract works more as a partnership and it is envisaged that over time a long-term relationship based on trust will be formed with the contractor.

This contract incorporates all aspects of maintenance of the Council's assets along its frontage excluding the Pier and Lido. An emphasis has been placed on inspections of the structures which will encourage a more proactive rather than reactive approach to problems that arise.

The contract is managed 'in house' by the Engineering Team, with Worthing & Adur Contract Services, as the Contractor, undertaking the work. The current budget for coast protection maintenance from Sea Lane in Ferring to Brooklands at the borough boundary with Lancing is £55,000 per annum, however by incorporating other aspects, such as Beach Grading and Boat Launching Ramp Maintenance, the annual budget has increased to £82,000.

During the year previous to this report, maintenance has mainly been limited to routine work such as groyne repairs.

Routine Maintenance Works

Groyne Repairs



Groyne repairs are undertaken throughout the year, with two thorough inspections being done during March and August. Typical work is to replace missing and damaged planks, although from time to time, especially after prolonged storm conditions, worn and broken piles also need replacing. The replacement timber used

is Douglas Fir, which comes from a sustainable source and is fixed to the 225mm x 225mm piles using mild steel coachscrews or spikes.

Ad-hoc Maintenance Works

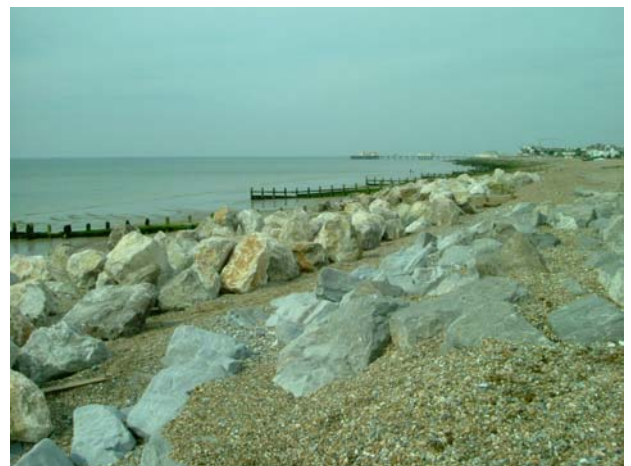
Rock Delivery at Ham Road

In recent week's approx. 1000t of surplus 3 - 8 tonne rocks have been acquired from Phase 3 of the Shoreham to Lancing, EA funded Sea Defense works. These have been transported from a stockpiled location opposite Seamill Park Crescent (as shown in the photo to the right) to 3 groyne bays in front of the rock revetment a Ham Road in East Worthing.



These rocks will be used to secure the ongoing good health of the beach in the Town Centre area by way of increasing the size of the groynes between the pier and just west of the Lido, in advance of a more permanent works in the next few years.

As shown in the photos above and to the right, the rocks are being temporarily stored at Ham Road until later in the year. They will then be transported by 40t-dumper truck to the Town Centre area and placed around the existing timber groynes. For the safety of beach users, this work will avoid the summer months - when the beach is at it's busiest.



If you would like further information on any of the items please do not hesitate to email the Engineering Team at <mailto:techservices@worthing.gov.uk>