

Works Completed during the last week.

Week 191: Monday 20 July to Friday 24 July 2009

- Work continued on the placing of the pre-cast concrete revetment units this week. Similar to the blinding concrete, the revetment units are laid in panels, measuring over 24 metres long. Each standard panel comprises of 6 full units long by 7 full units up the slope and separated between panels by a spine beam. As the units are laid in a stretcher bond pattern, every second row has a half unit at each end. Each spine beam is split into four units and sits on a diaphragm wall constructed prior to the blinding and like the revetment units, incorporate male and female 'Joggles' around the faces to ensure that when laid, all the units are interlocked and act as a single mass.
- 9 full units and 3 half units were placed to complete the southern most panel 10 this week. This panel is significantly narrower than a standard bay being only 3 and a half units wide. An additional 13 full units and 1 half units were placed to the lower rows of panel 9 also this week.



Lower spine beam between panel 9 & 10 being placed.



Lower row of units being completed in panel 9.

- The new revetment's structural stability is dependant on all elements of the construction being in place together, including the fill, blinding concrete and interlocked precast units. Without the precast units in place the remaining elements are vulnerable to damage from high tides combined with poor weather conditions. It is important that the blinding advances ahead of unit placing but not too far ahead so as to leave large areas open to the elements.
- Unfortunately, high spring tides and unseasonal weather this week damaged and washed out the upper two thirds of fill and blinding concrete to the completed panel 8 and part completed panel 7. Fortunately, the construction of concrete diaphragm walls every 25 metres restricts damage to panel sizes. No further work was carried out on the blinding this week due to the tides and weather.



Last revetment unit in top row of panel 10 being placed.



Panels 7 and 8 completely demolished and washed out.

Further information about the scheme can be viewed at
www.wyrebc.gov.uk
www.cleveleys-seawall.co.uk

Birse
Coastal
A Balfour Beatty Company

working in partnership with
Wyre Borough Council
LIVE WYRE LOVE WYRE