

Works Completed during the last week.

Week 180: Monday 4 May to Friday 8 May 2009

- Work continued this week on the placing of diaphragm walls and fill/loading material, progressing from the northern end of the works to the south. A further one full and two part diaphragm walls were placed (86% complete) along with two full bays of fill material (71% complete). Due to the considerably higher beach levels at this end of the works, bays require approximately 300 tonnes of graded imported fill material between two diaphragm walls.
- Additional material comprising of large pieces of rock and beach material is placed on top of the fill material. This acts both to protect the fill from the tide and provide the additional loading required to force the settlement of the stone column piles placed between the existing structure and toe piles last year. The stone column piles were placed to improve the poor ground located along this length of works.



Completed filled bays topped with loading material.



Installation of temporary bridge over the United Utilities storm tank.

- Levels have been taken continuously on the monitoring stations placed within the fill material to determine how much the stone column piles have settled. These results will determine how long the piles are ultimately loaded for. At present there hasn't been sufficient time elapsed to determine the extent of the settlement.
- Although never seen, an important part of the works is the underground maze of pipework and ducting required for various electrical supplies, drainage, emergency telephones and existing services. As this work will be inaccessible in the future it is important that ducting and pipe layouts are detailed correctly and as such there is a considerable amount of time spent on the investigation, planning and design of these layouts. This work has been progressing over the last few weeks so that once diaphragm walls and placing of fill material is complete in the next week or two, work can commence on the installation of ducting and pipework.



Temporary bridge being utilised for placing of fill material.



Settlement monitoring station prior to placing within the fill material.

<p>Further information about the scheme can be viewed at www.wyrebc.gov.uk www.cleveleys-seawall.co.uk</p>	<p>Birse Coastal A Balfour Beatty Company</p> <p>working in partnership with Wyre Borough Council LIVE WYRE LOVE WYRE</p>
--	---