

# Works Completed during the last week.

**Week 195: Monday 17 August to Friday 21 August 2009**

- Work commenced on the rear wall element of the works this week following preparation of the formation last week. The rear wall provides the majority of the flood defence and as such is a substantial reinforced concrete structure.
- The visible wall arrives on site precast and is placed to the correct line and level and then temporarily supported with struts whilst the base is being constructed. The base primarily stops the wall from overturning and sliding when hit by the sea during storm conditions. The size of base required to achieve this is 3.5 metres wide by 0.75 metres deep and as such is cast in situ.
- Following placing of the precast wall units, the base reinforcement cage is erected which ties into the steel protruding from the base of each wall. Formwork is then placed around the steel cage and structural concrete is poured to form the base. The 4 and a half wall units and associated base reinforcement which form the wall along the boundary of Blackpool were placed this week.



Precast wall units being placed along the southern boundary.



Precast wall units in place with temporary support system.

- Also this week an additional 9 full and 2 half precast revetment units were placed to the bottom rows of panel 7. Now that the rear wall has commenced, work will swap between placing of the wall or revetment units dependent on tides, spring tides wall units, neap tides revetment units.
- The remaining half of fill and blinding concrete to panel 6 was also completed this week. Panel 6 completes the foundation to the revetment 7 rows wide. From panel 5 north, the revetment will be 6 rows wide.



Slab reinforcement to rear wall



Installation of panel 7 revetment

Further information about the scheme can be viewed at  
[www.wyrebc.gov.uk](http://www.wyrebc.gov.uk)  
[www.cleveleys-seawall.co.uk](http://www.cleveleys-seawall.co.uk)

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