

#### Scheme Advance Works

Carry out various pre-construction surveys and archaeological & environmental monitoring as required by An Bord Pleanála (ABP) Planning Permission for new work areas.

**Status – Complete (summer 2016)**

#### Vegetation Management

Vegetation clearance and vegetation maintenance / pruning along the Dunkellin River to facilitate further scheme works has been carried out and completed. Replanting programme for Craughwell complete March 2020

Vegetation management on the Aggard Stream took place in early 2018. Further vegetation management took place in late 2019/ early 2020 in advance of construction works in the summers of 2019/2020.

**Status – Ongoing**

#### Craughwell Bypass Channel

The construction of the Bypass Channel concrete works is complete in Craughwell Village. Works included excavation of a deepened channel, construction of reinforced concrete walls, rock armouring, embankments and the replacement of the existing concrete and Masonry Bridge with a new precast concrete bridge. The replacement of the bypass bridge was completed in October 2017. The Bypass Channel is in operation as the main flow channel. The flow will be diverted back into the original Dunkellin channel, June 2020, as works have been completed on and around the R446 and Multi-arched bridges. The remaining Environmental River Enhancement Works will be carried out summer 2020 under the supervision of Inland Fisheries Ireland.

**Status – In operation as a bypass channel**



**Figure 1: Completed Craughwell Village Bypass and River Deepening Works**

#### Two-Stage Channel - Dunkellin to Killeely Beg

Construction of a Two-Stage Channel from Dunkellin to Killeely Beg commenced in June 2017 and is now complete. Final reinstatement of the lands on the downstream side of the embankment is underway and handovers will be complete August/September 2020.

**Status – Ongoing Works**



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Figure 2: New Two Stage Channel from Dunkellin Bridge to Killeely Beg Bridge

### Rinn / Dunkellin / Killeely Beg Bridges – Contracted Bridge Works

Rinn Bridge - works complete, boundaries complete upstream, land reinstated and handed over.

Killeely Beg Bridge - works are complete. Fish counter to be decommissioned.

Dunkellin Bridge – arch slabs to be installed on underside of the bridge, parapet walls to be cladded and 200m of two stage channel to be constructed up stream of the bridge.

**Status – Ongoing, to be completed October 2020**



Figure 3: Completed Works at Rinn Bridge (3 new flood eyes on right hand side)





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Figure 4: Flood Waters at New Dunkellin Bridge February 2020



Figure 5: Flows through new bridge at Killeely Beg February 2020



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### Surface Water Pipeline - Killeely Beg

Construction of a surface water carrier pipeline complete, land reinstated and handed over. Fence at outfall to be completed July 2020.

### Re-grading of Dunkellin River

The re-grading of the Dunkellin River complete, Environmental River Enhancement works to be completed July/August 2020.



Figure 6: Regrading of Dunkellin during Construction in 2019



Figure 7: Reinstated Section of Dunkellin in June 2020, following Regrading Works





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### R446 Road Bridge

Construction of a concrete apron on the R446 Road Bridge complete.



Figure 8: Regrading of Dunkellin complete

### Pedestrian Multi-Arch Bridge

Underpinning works of the Pedestrian Multi Arch Bridge in Craughwell village has been completed.



Figure 9: Deepening of Multi-arched bridge in Craughwell complete



#### Railway Bridge (UB154)

Construction of a concrete apron at each abutment to protect the bridge following deepening works is complete.



Figure 10: UB154 Railway Bridge

#### Aggard Stream & Monksfield River



Figure 11: Aggard Culvert

Carry out channel maintenance and replacement of structures identified on the Aggard Stream.

**Status** – Works 75% complete, ongoing July 2019 to November 2019, February 2020 to August 2020.