



River Ness Flood Alleviation – New Drainage System

Hello and welcome to the September edition of Morgan Sindall's monthly newsletter. This will update you with the latest information about the works on Phase 1 of the River Ness Flood Alleviation Scheme.

Update on works for September Douglas Row

There will be drainage work carried out on the property side, *please note*, this will include excavating in close proximity to buildings and footpaths. Access to a footpath will be maintained at all times.

Laying of granite paving slabs, and work to the flood wall will continue on the river side as part of the streetscaping.

Upper Huntly Street

The focus of work between Greig Street and Young Street will be on streetscaping. Laying kerbs up the property side, the continuation of laying granite paving slabs river side and starting the foundations for the road.

Lower Huntly Street

There will be work on the flood defence wall between Balnain Street and Wells Street. Drainage work will continue between Celt Street and

Wells Street.

Streetscaping will start this month on the river side as work begins on the new footpath.

Bank Street

No through road until Friday 28 November.

Streetscaping work will continue along the river side of Bank Street with the laying of both kerbing and granite paving slabs. There will be drainage and road works on Bank Street as well as Bank Lane.

An understanding of the River Ness Flood Defence Drainage

Drainage systems are being installed on both sides of the river which will deal with storm water efficiently from the roads and public footpaths. The water is then discharged directly to the river. Prior to discharge, this run off passes through an interceptor to avoid contaminants reaching the river.

Flap Valves

Following the construction of the new drainage outlet headwalls, you will be able to see new flap valves over the end of the discharge pipes, *pictured above right*. Under normal conditions (low river levels) the water will flow from the outfall pipe without needing to be pumped. During spells of higher river

levels though, the pressure of the river water on the outside of the flap valve will keep it closed diverting the water to the pumping stations. The pressure of the water being pumped will be higher than the river pressure on the outside of the flap valve which will force the outlet to open allowing the drain water to be discharged.

Pumping Stations

In times of heavy rainfall and high tides, i.e. when the river level has risen sufficiently preventing the water draining freely from the outfall into the river, the water diverts to a pumping station. As the water builds up, pumps will start to pump the water out under pressure into the river. This will continue until the level of water in the pumping station drops, or the river level has dropped sufficiently allowing the water to reflow into the river without pumping.

Contact us

If you have any issues or concerns about the works please contact the River Ness Flood Alleviation Scheme, either call our helpline on 07557 744442 or email us at RivernessFAS@highland.gov.uk

Thank you for your continued patience throughout the works.