**Countesswells path repairs and rebuild following storm Arwen:**

The yellow trail ( phase 1 -24/25) is a well-used route at Countesswells Forest. It is the shortest trail that we offer at the site and it has suffered catastrophic damage following storm Arwen, Malik and Corrie.

By rebuilding and rerouting this trail we hope that moving forward we will be able to offer an easier route at the site by reducing gradients.

**Scope:**

- 151.5m of path to be rebuilt to the lowland path design specification – at 1.2m width.

- All material to be imported. This will include a depth of at least 100mm subbase, topped with type 1 aggregate. Depending on the quality of type 1 material it may also require blinding with quarry dust to provide a smooth surface.

- side drainage channels to be used on wet areas using 300mm pipe to pass water under the path where required – these to lead to filter percolation into the forest

**Overall path specification:**

Path length: 151.5m

Path width: 1200mm

Gradient: nil to 1:10 (max)

Camber: 1:50

Materials: all sourced from a local quarry .Stone and dust to be of a local colour (grey granite).

**Drainage:**

Drainage will be designed into the length of the 151.5m path as a 1:50 camber across the width. Along wet sections a top side drain will be dug with 300mm piped cross drains leading to filter percolation in forest.

**Cross section:**

Path surface: unbound, using granite dust

Path base: 50 – 100mm depth of 0-50mm crushed aggregate

Path sub-base: 100mm depth of 50-100mm quarry material

Edging – with earth and sods from the excavated bench

**Phase 2: Old bridleway upgrade ( 25/26 is budget allows)**

This is a well-used informal trail through Countesswells Forest linking the new housing development to further trails within the Forest. Currently unsurfaced and not waymarked the plan would be to upgrade this to a multiuser path that would increase options for relatively short walks near to the Car park area.

**Scope:**

- 191.5m of path to be rebuilt to the lowland path design specification – at 1.2m width.

- All material to be imported. This will include a depth of at least 100mm subbase, topped with type 1 aggregate. Depending on the quality of type 1 material it may also require blinding with quarry dust to provide a smooth surface.

- side drainage channels to be used on wet areas using 300mm pipe to pass water under the path where required – these to lead to filter percolation into the forest

- there is 1 point where the path passes under an OH powerline and one section where it starts next to an UG water pipeline – communication and adherence to rules laid out by the utility operator will be required.

**Overall path specification:**

Path length: 191.5m

Path width: 1200mm

Gradient: nil to 1:10 (max)

Camber: 1:50

Materials: all sourced from a local quarry .Stone and dust to be of a local colour (grey granite).

**Drainage:**

Drainage will be designed into the length of the 191.5m path as a 1:50 camber across the width. Along wet sections a top side drain will be dug with 300mm piped cross drains leading to filter percolation in forest.

**Cross section:**

Path surface: unbound, using granite dust

Path base: 50 – 100mm depth of 0-50mm crushed aggregate

Path sub-base: 100mm depth of 50-100mm quarry material

Edging – with earth and sods from the excavated bench

**Phase 3 – New build link path to create short walk linking existing trails 25/26**

Currently the trails at Countesswells are of a longer distance, by developing liking paths between existing facilities we can increase the user groups to the forest that are looking for a shorter walk on relatively even ground.

**Scope:**

- 148m of path to be rebuilt to the lowland path design specification – at 1.2m width.

- All material to be imported. This will include a depth of at least 100mm subbase, topped with type 1 aggregate. Depending on the quality of type 1 material it may also require blinding with quarry dust to provide a smooth surface.

- side drainage channels to be used on wet areas using 300mm pipe to pass water under the path where required – these to lead to filter percolation into the forest

- there is 1 point where the path passes under an OH powerline – communication and adherence to rules laid out by the utility operator will be required.

**Overall path specification:**

Path length: 148m

Path width: 1200mm

Gradient: nil to 1:10 (max)

Camber: 1:50

Materials: all sourced from a local quarry .Stone and dust to be of a local colour (grey granite).

**Drainage:**

Drainage will be designed into the length of the 148m path as a 1:50 camber across the width. Along wet sections a top side drain will be dug with 300mm piped cross drains leading to filter percolation in forest.

**Cross section:**

Path surface: unbound, using granite dust

Path base: 50 – 100mm depth of 0-50mm crushed aggregate

Path sub-base: 100mm depth of 50-100mm quarry material

Edging – with earth and sods from the excavated bench

