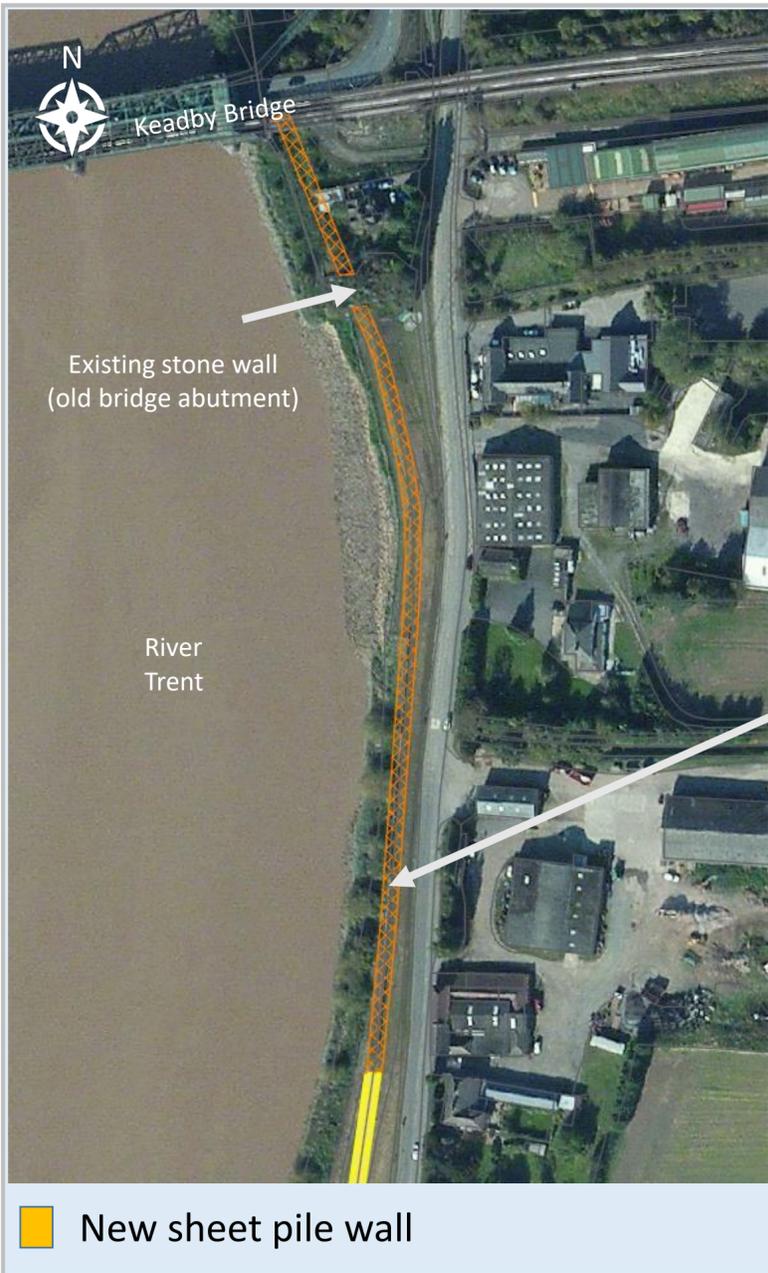
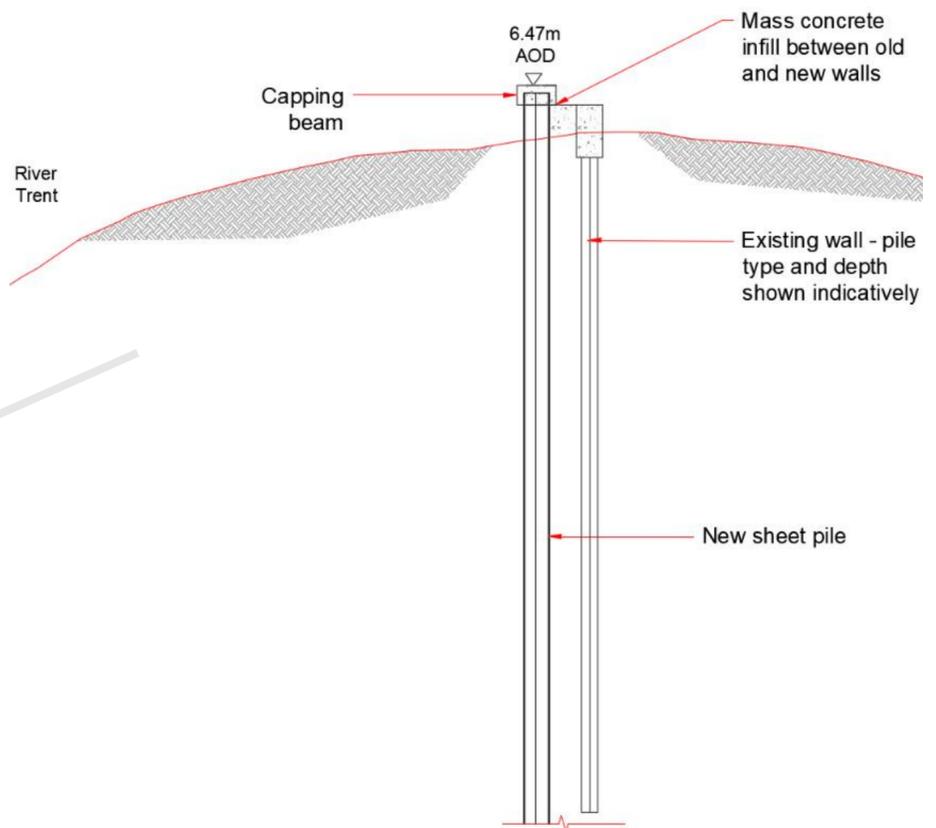


Keadby Bridge (East)



② New Sheet Pile Wall Adjacent to Existing Wall



As part of the flood defence works to the area between Amcotts and Susworth, new sheet pile walls are to be constructed along the east bank of the River Trent between Keadby Bridge and the M180 motorway bridge.

In the area south of Keadby Bridge, works will comprise:

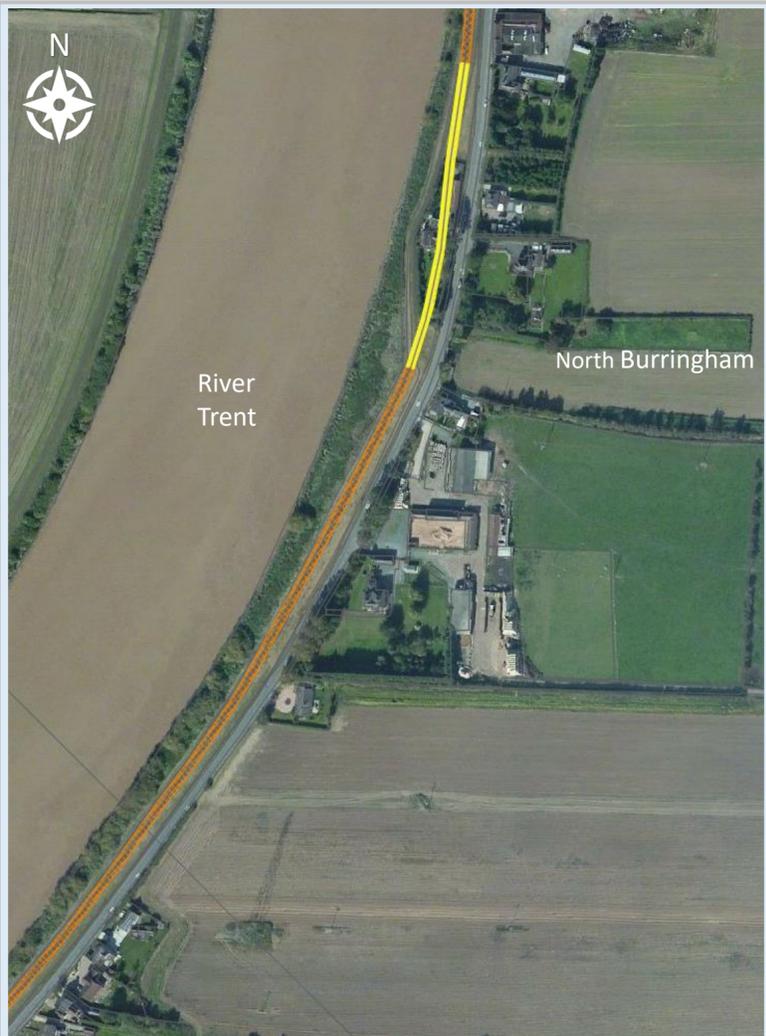
① New sheet pile walls through existing embankments

Opposite Gunness and Burringham Primary School, the proposed sheet piling works will reinforce the existing flood defence embankments and infill low spots that have occurred due to settlement since their construction in the 1960s. The sheet piles are to be driven into the ground and finished with a concrete capping beam similar to existing walls in the local area.

② New sheet pile walls adjacent to existing walls

For the two sections of existing wall, new sheet pile walls are proposed to be constructed either in front of or behind the existing walls to provide reinforcement. This will be finished with a capping beam to tie into the sheet pile walls along the bank.

Burringham North



- New sheet pile wall
- Existing wall works

As part of the flood defence works to the area between Amcotts and Susworth, new sheet pile walls are to be constructed along the east bank of the River Trent between Keadby Bridge and the M180.

In the area north of Burringham Village, works will comprise:

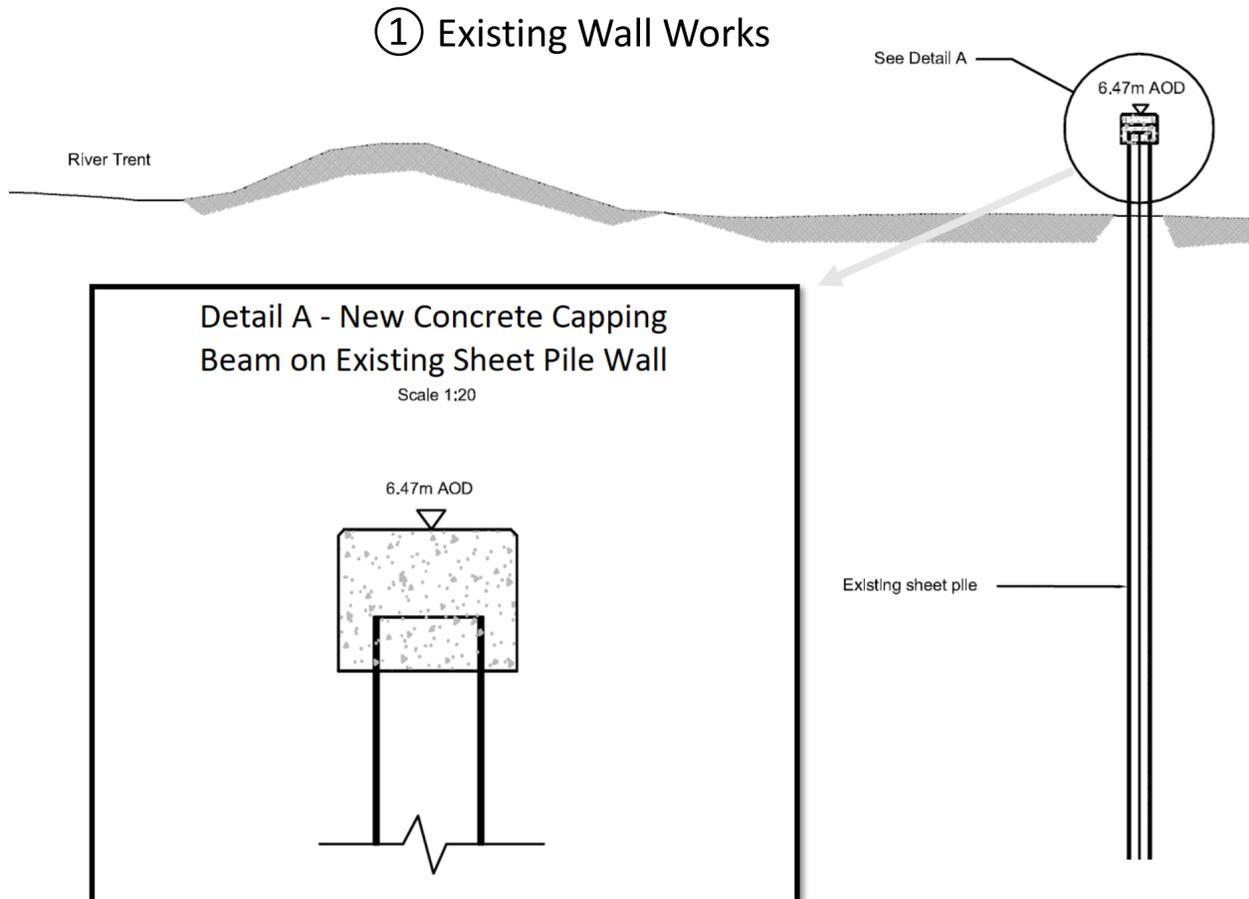
① New capping beam to existing walls

Along the section of existing wall (constructed by the Environment Agency as part of emergency works) the construction of a new concrete capping beam is proposed.

② New sheet pile walls

Between the existing emergency works wall and Burringham Village, the proposed sheet pile wall works will reinforce the existing flood defence embankments and infill low spots that have occurred due to settlement since their construction in the 1960s. The sheet piles are to be driven into the ground and finished with a concrete capping beam similar to existing walls in the area.

① Existing Wall Works



Existing

Proposed

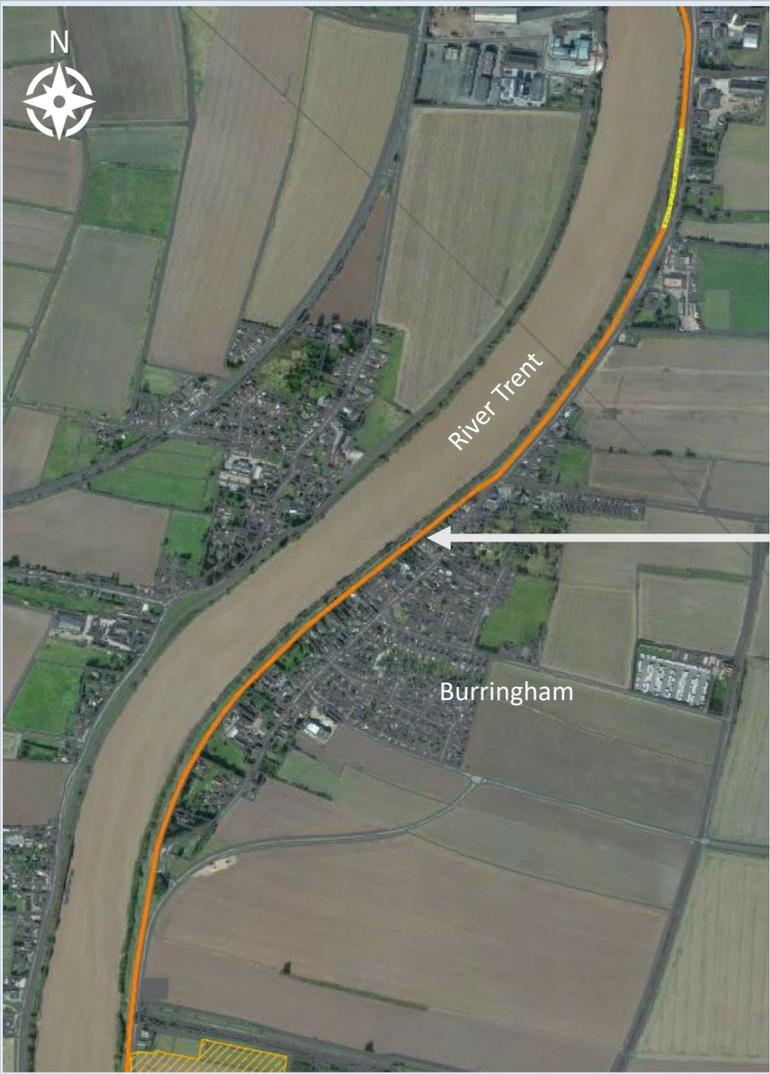


Burringham Road, looking south



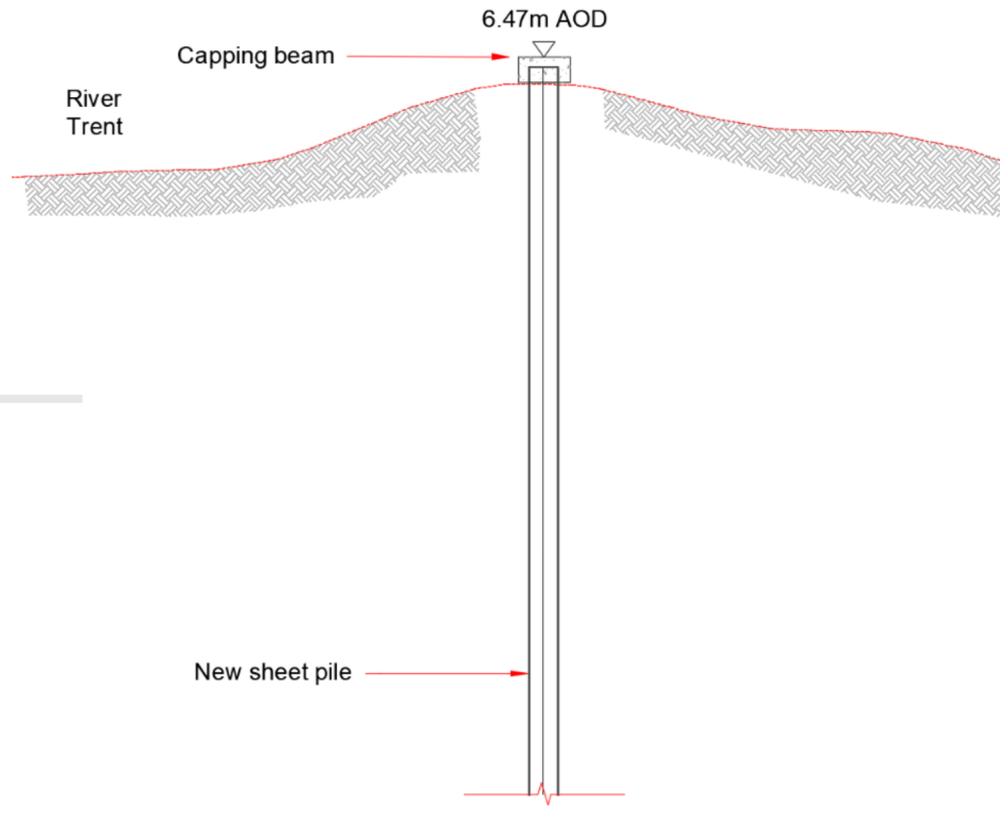
Burringham Road, looking north towards Keadby Bridge

Burringham



 New sheet pile wall

① New Sheet Pile Wall

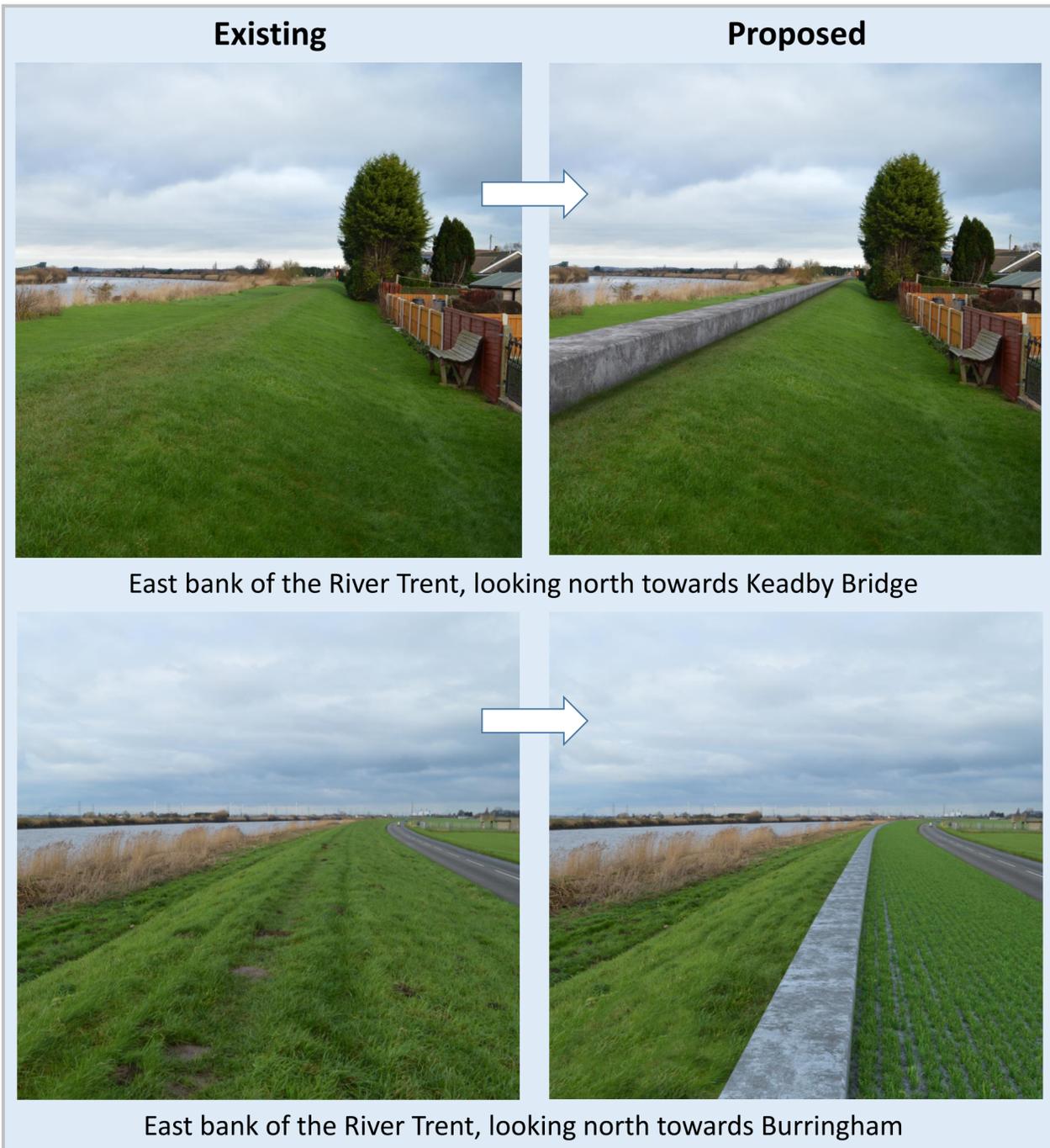


As part of the flood defence works to the area between Amcotts and Susworth, new sheet pile walls are to be constructed along the east bank of the River Trent between Keadby Bridge and the M180 bridge.

Through Burringham, works will comprise:

① New sheet pile walls

The proposed sheet pile wall works will reinforce the existing flood defence embankments and fill low spots that have occurred due to settlement since the construction of the embankments in the 1960s. The sheet piles are to be driven into the ground and finished with a concrete capping beam similar to existing walls in the local area.



East bank of the River Trent, looking north towards Keadby Bridge

East bank of the River Trent, looking north towards Burringham

Burringham South



-  New sheet pile wall
-  Managed overflow area

As part of the flood defence works to the area between Amcotts and Susworth, modifications to the existing embankment between Burringham and the M180 are proposed.

To the south of Burringham, this will comprise:

① **A managed overflow area**

A managed overflow area is proposed in the fields to the east of the River Trent, south of Burringham and north of the M180 bridge. The area is naturally low-lying and will allow water storage during a flood event as part of the flood defence scheme.

② **New sheet pile walls**

To facilitate the managed overflow area, a new sheet pile wall is proposed on the east bank of the River Trent between Burringham and the M180 bridge.

Existing

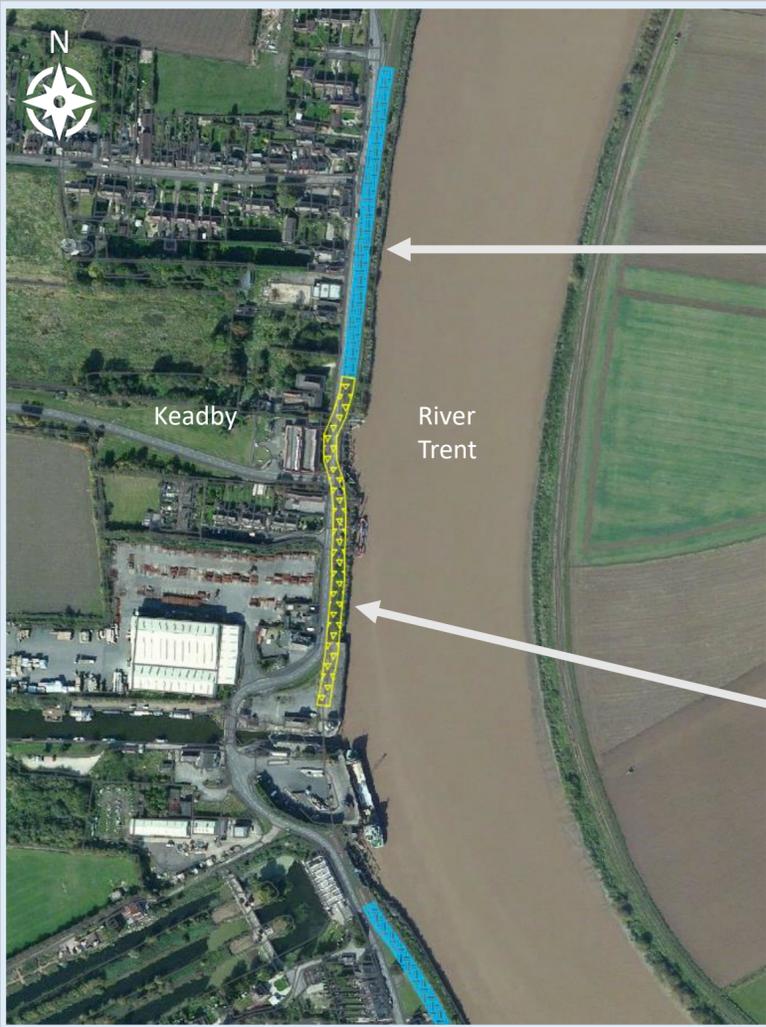


Proposed



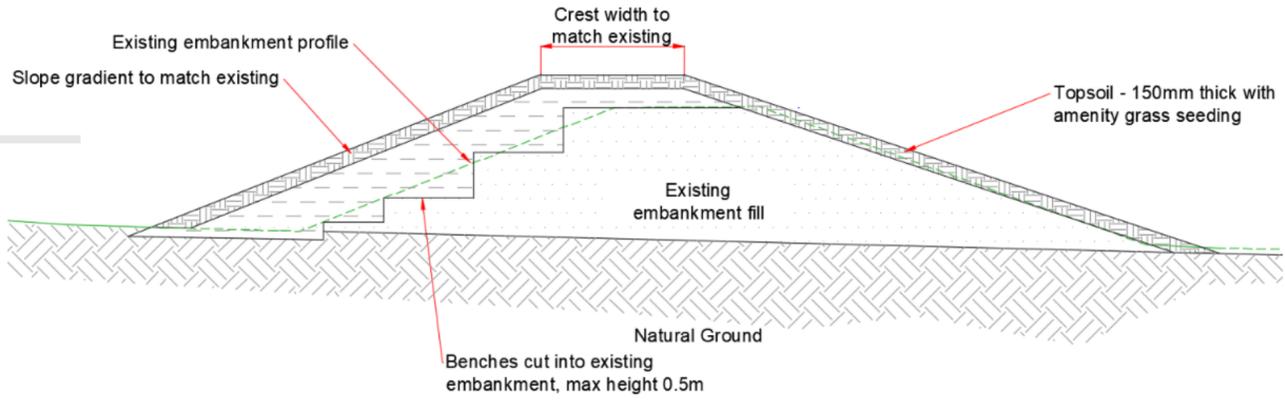
East bank of the River Trent, looking north towards Burringham

Keadby North

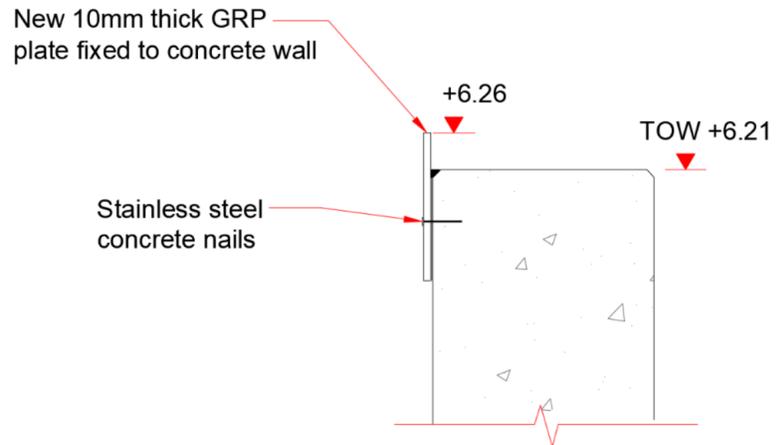


- Embankment works
- Existing wall works

① Embankment Crest and Slope Reinstatement (Indicative)



② Wall Extension



As part of the flood defence works to the area between Amcotts and Susworth, works to infill flood defence low spots are proposed on both the east and west banks of the River Trent.

To the north of Keadby, this will comprise:

① Earth embankment works

To the north of Keadby Power Station, low spots in the flood defences will be infilled. This minor regrade will be benched into the existing embankment slope, then covered in topsoil and seeded to give a finished look that ties in with the existing surroundings.

② Works to existing walls

Between the Stainforth and Keadby Canal and Keadby Power Station, sections of an existing concrete wall flood defence have been identified as requiring minor works to provide protection to local properties.

A thin, glass-reinforced plastic plate will be bolted to the top of the wall to provide the necessary level of flood defence.

Existing

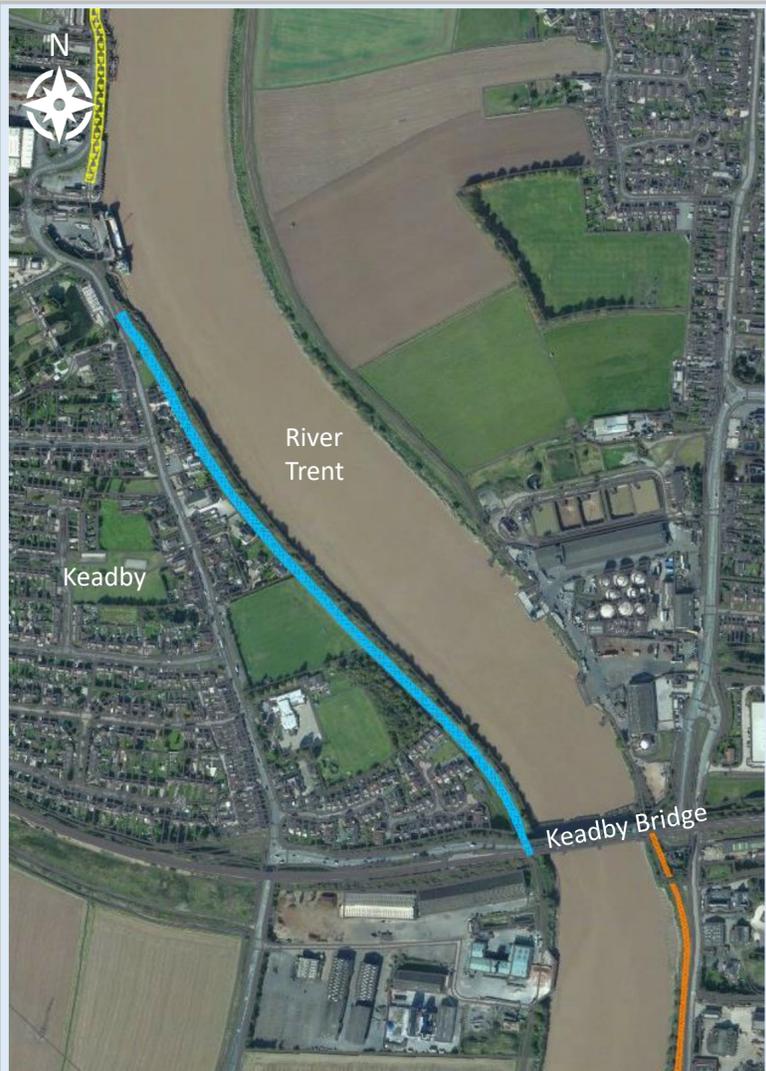


Existing embankments on west bank of River Trent



Existing walls on west bank of River Trent

Keadby South



■ Embankment works

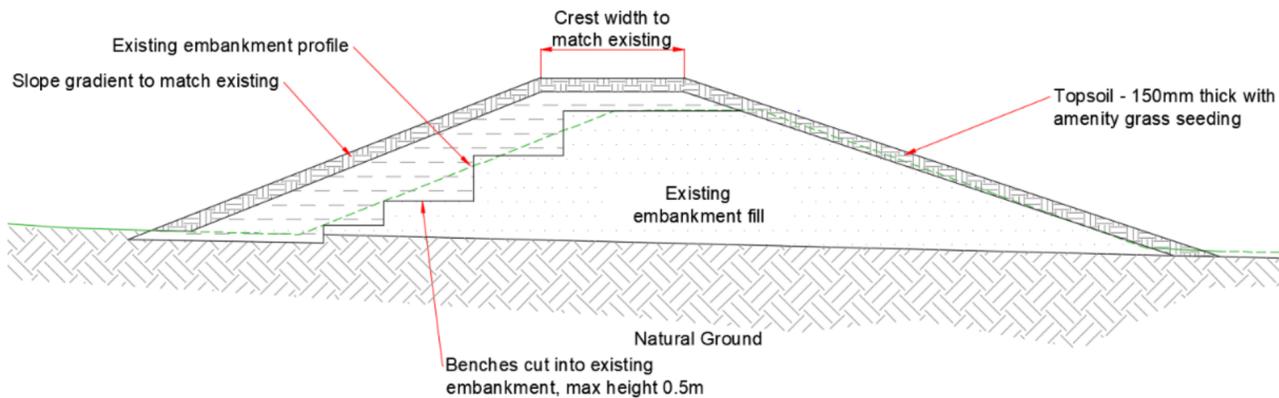
As part of the flood defence works to the area between Amcotts and Susworth, works to infill low spots are proposed on both the east and west banks of the River Trent.

Along the flood defences in Keadby, this will comprise:

① Earth embankment works

Between Keadby Bridge and Stainforth and Keadby Canal, low spots in the flood defences will be infilled. This minor regrade will be benched into the existing embankment slope, then covered in topsoil and seeded to give a finished look which ties in with the existing defence.

① Embankment Crest and Slope Reinstatement (Indicative)



Existing



Existing embankments on west bank of River Trent

Althorpe



- Embankment works
- Existing wall works

As part of the flood defence works to the area between Amcotts and Susworth, works to infill flood defence low spots are proposed on both the east and west banks of the River Trent.

Along the flood defences through Althorpe, this will comprise:

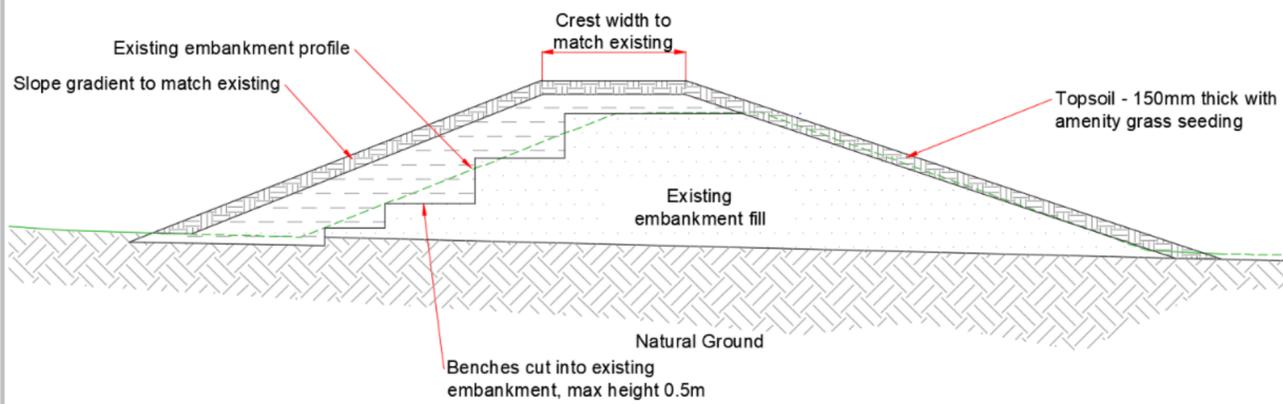
① Existing wall works

At Althorpe, in the area local to the Parish Church of Saint Oswald, a section of concrete wall has been identified as requiring minor works to provide protection to local properties and the church. It is proposed that minor raising works to match the existing wall are constructed in order to provide the required level of flood defence.

② Earth embankment works

To the south of Althorpe, along Derrythorpe Road, low spots in the flood defences will be infilled. This minor regrade will be benched into the existing embankment slop, then covered in topsoil and seeded to give a finished look which ties in with the existing defence.

② Embankment Crest and Slope Reinstatement (Indicative)



Existing

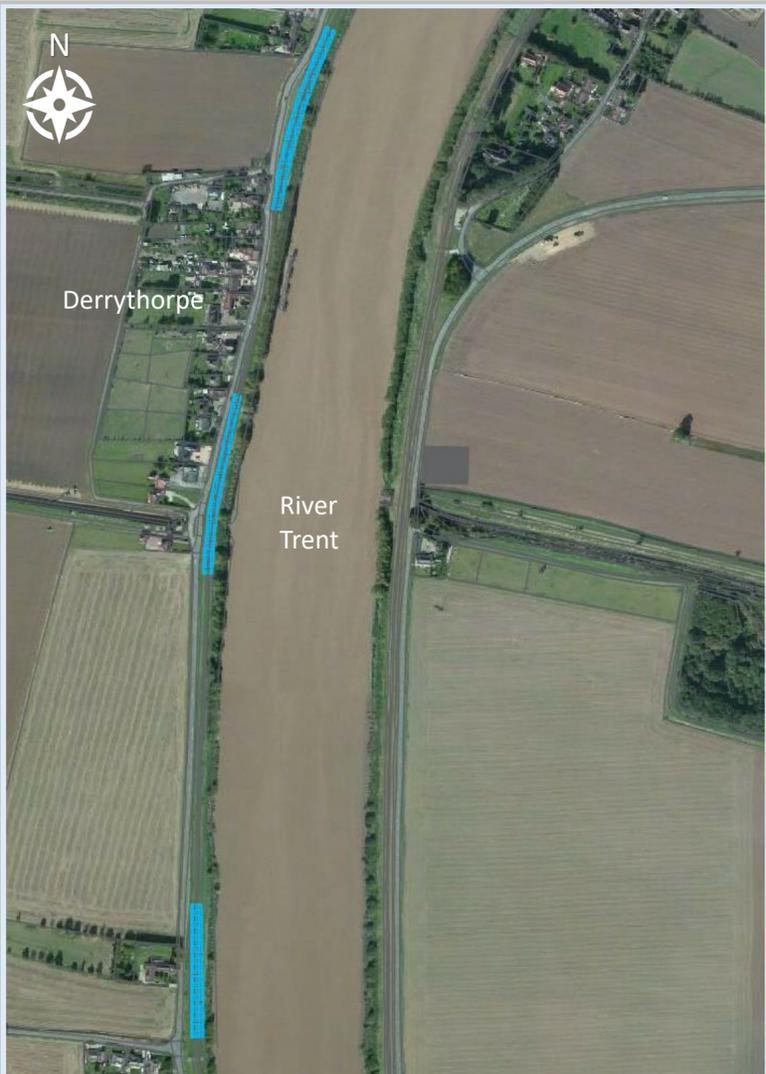


Existing embankments on west bank of River Trent



Existing embankments on east bank of River Trent

Derrythorpe



■ Embankment works

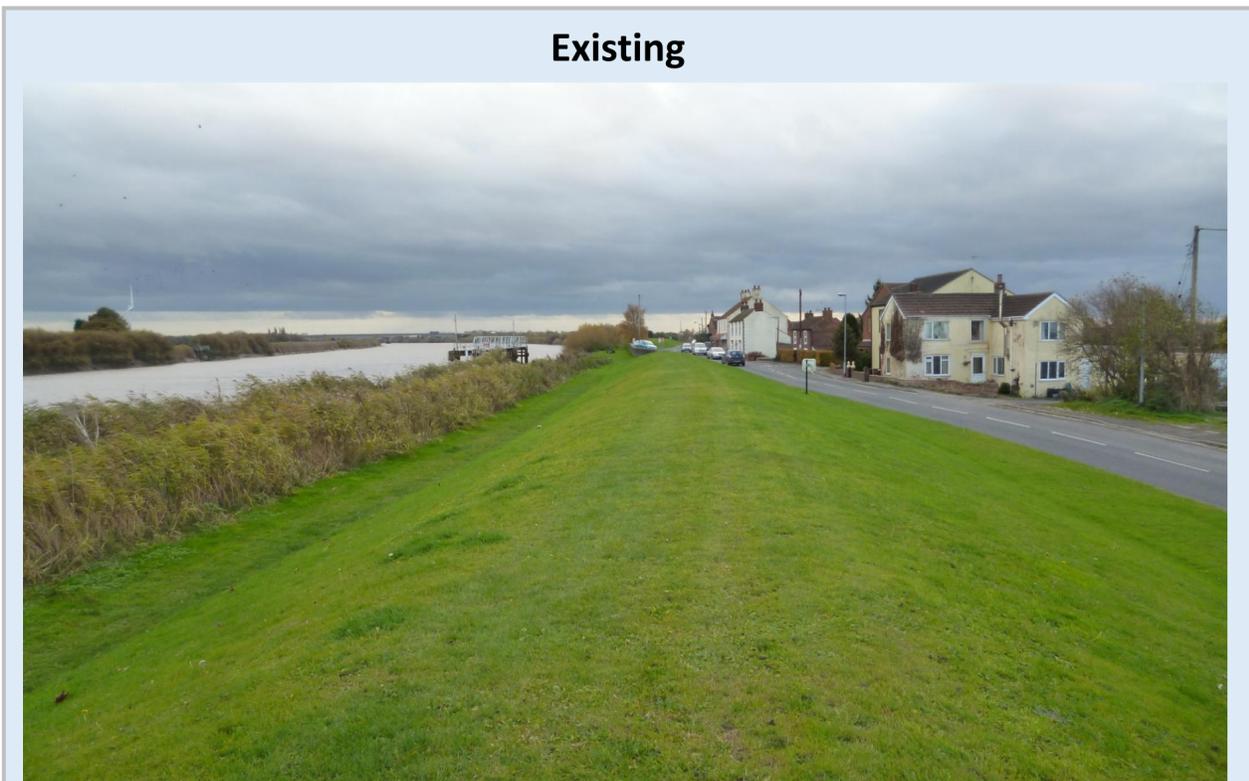
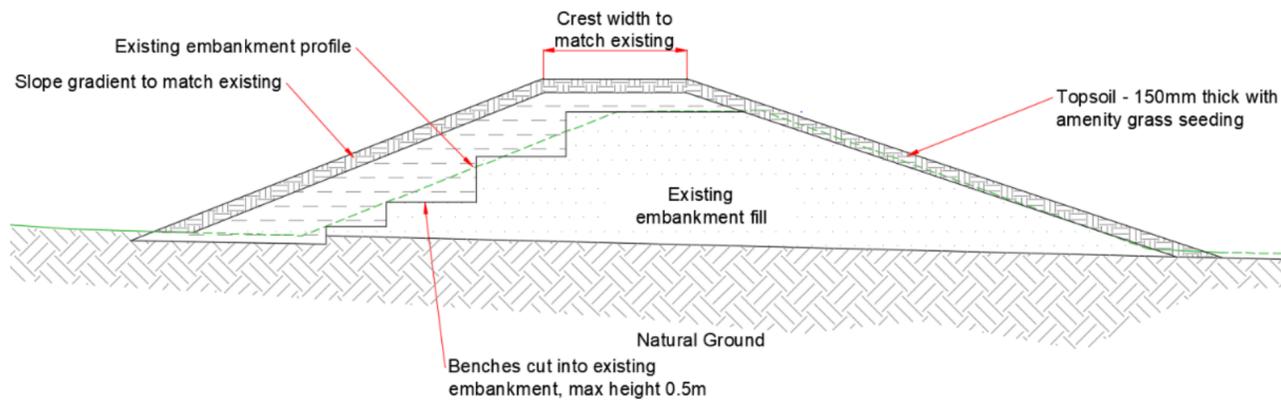
As part of the flood defence works to the area between Amcotts and Susworth, works to infill flood defence low spots are proposed on both the east and west banks of the River Trent.

Flood defences near to Derrythorpe will comprise:

① **Earth embankment works**

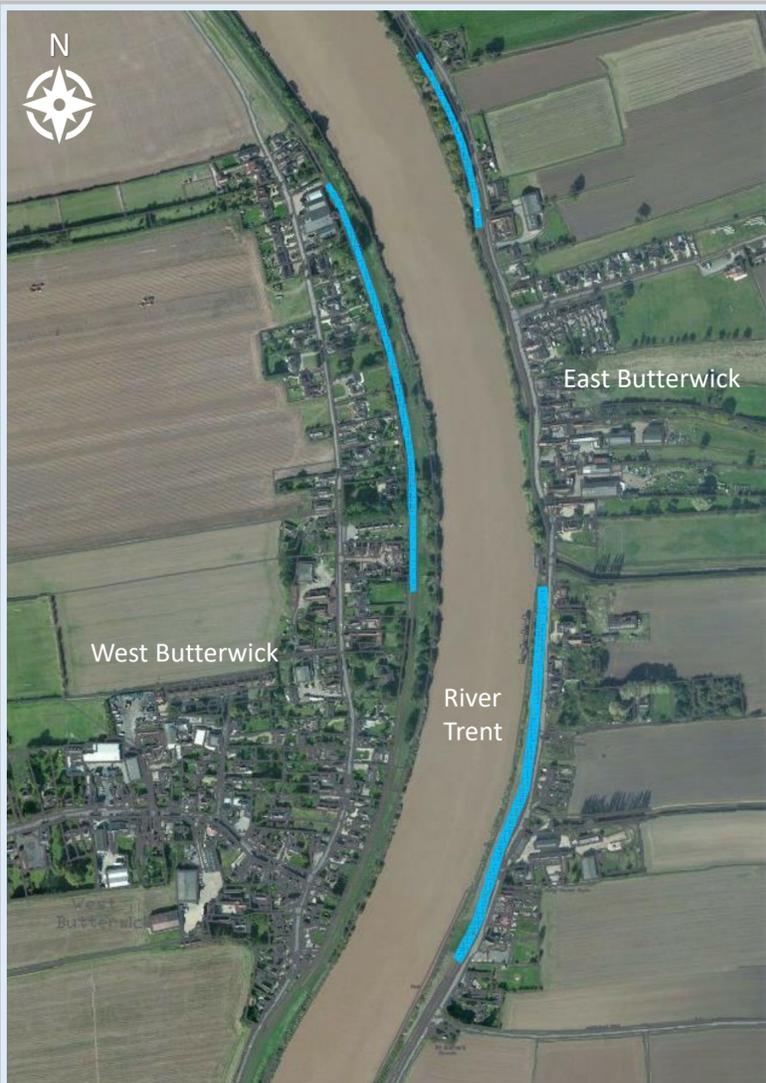
By Derrythorpe, two sections of flood defence have been identified as requiring works to infill low spots. This regrade will be benched into the existing embankment slope, then covered in topsoil and seeded to give a finished look which ties in with the existing defence.

① Embankment Crest and Slope Reinstatement (Indicative)



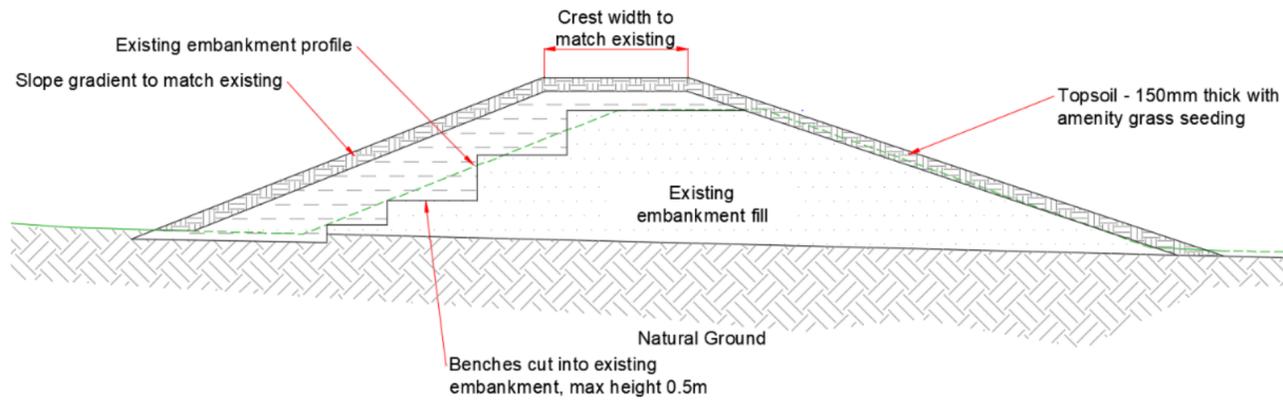
Embankments on the west bank of the River Trent

East and West Butterwick



■ Embankment works

Embankment Crest and Slope Reinstatement (Indicative of General Scenario)



As part of the flood defence works to the area between Amcotts and Susworth, works to infill flood defence low spots are proposed on both the east and west banks of the River Trent.

Along the flood defences through East and West Butterwick, this will comprise:

① Earth embankment works

Two sections of flood defence in East Butterwick and one section in West Butterwick have been identified as requiring works to infill low spots. This regrade will be benched into the existing embankment slope, then covered in topsoil and seeded to give a finished look which ties in with the existing defence.

Existing



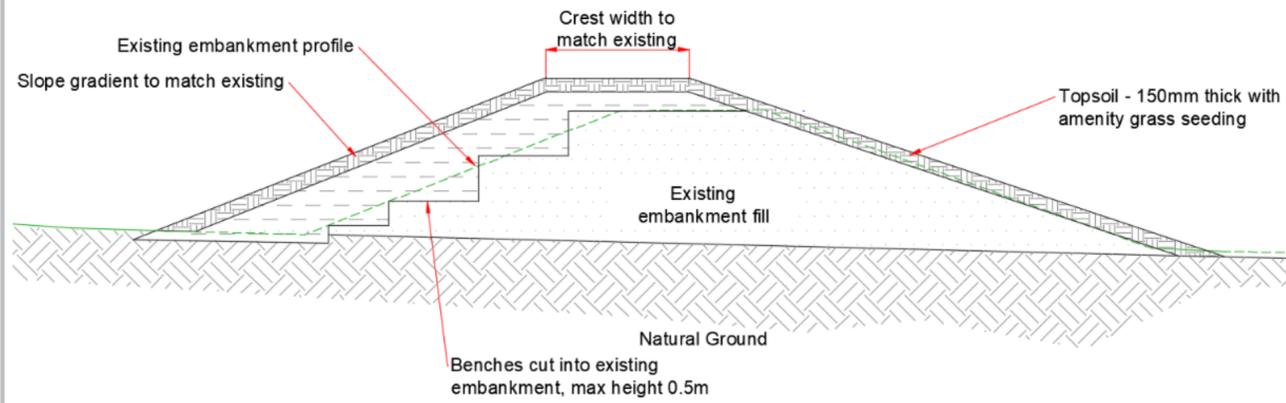
Existing embankments on east bank of River Trent

Susworth and Barlings



■ Embankment works

① Embankment Crest and Slope Reinstatement (Indicative)



As part of the flood defence works to the area between Amcotts and Susworth, works to infill flood defence low spots are proposed on both the east and west banks of the River Trent.

Along the flood defences at Susworth and Barlings, this will comprise:

① **Earth embankment works**

Three sections of earth embankment have been identified as requiring minor infilling works. These extend from Blacks Farm in Barlings to the north and run south to the village of Susworth.

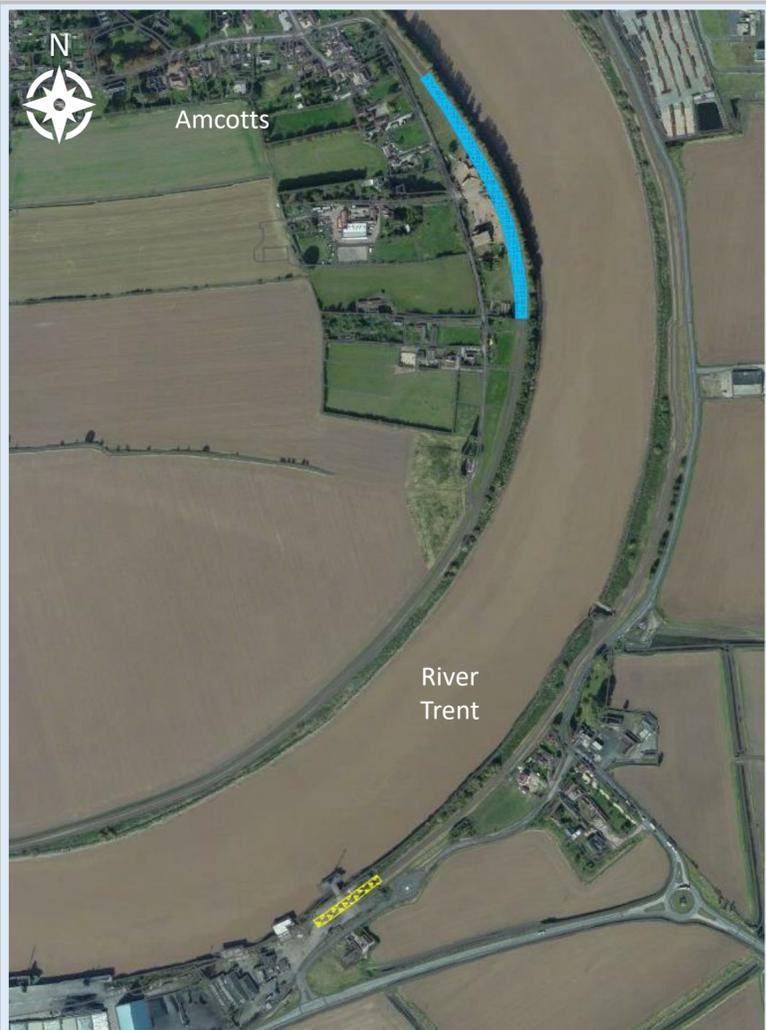
The works will involve topping the defences with earth that is compacted and benched into the existing embankment slopes. The top and slopes will then be covered in topsoil and seeded to give a finished look which ties in with the existing defence.

Existing



Existing embankments on east bank of River Trent

Amcotts



-  Embankment works
-  Existing wall works

As part of the flood defence works to the area between Amcotts and Susworth, works to infill low spots are proposed on both the east and west banks of the River Trent.

Along the flood defences nearby Amcotts, this will comprise:

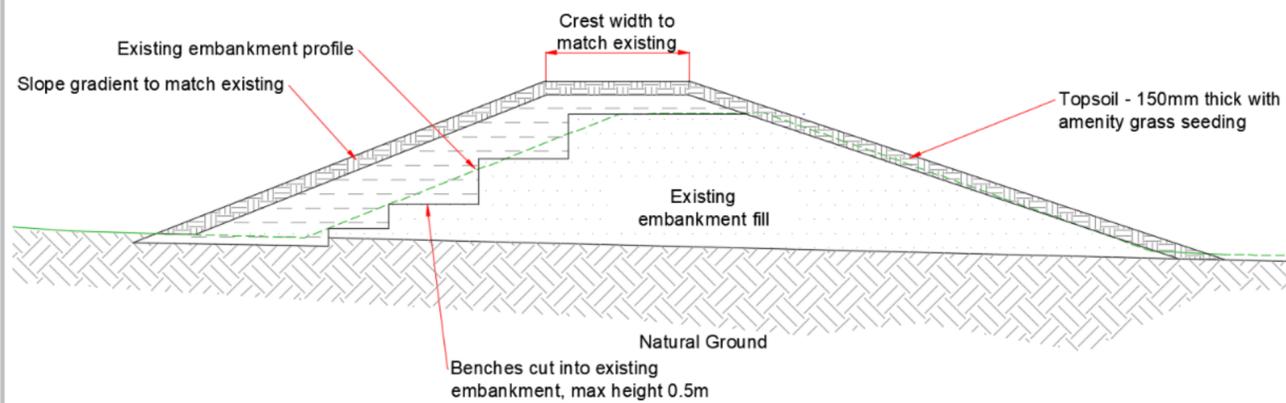
① **Earth embankment works**

Along the west bank of the River Trent by Amcotts, a section of existing earth embankment has been identified as requiring minor infilling works. This regrade will be benched into the existing embankment slope, then covered in topsoil and seeded to give a finished look which ties in with the existing defence.

② **Existing wall works**

On the east bank of the River Trent to the south of Amcotts, a section of an existing wall has been identified as requiring minor works to raise it to the flood defence level. This will comprise the construction of a small wall.

Embankment Crest and Slope Reinstatement (Indicative)



Existing



Existing embankments on west bank of River Trent