

Option 1

Footpath diversion

Tie in to high ground

Road raising

Access to be shut off and moved west

- <8.5m AOD
- >8.5m AOD
- >9m AOD
- >9.5m AOD
- >10m AOD
- >10.58m AOD
- >11.38m AOD
- Footpath
- Flood wall
- Cross-water flood gate
- Vehicular access re-routing
- High point of reprofiling

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, Esri UK, Esri, HERE, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

Option 2

- <8.5m AOD
- >8.5m AOD
- >9m AOD
- >9.5m AOD
- >10m AOD
- >10.58m AOD
- >11.38m AOD

- Footpath
- Flood Wall
- Raised Lock Gates
- Proposed crest curve length - 10.58m AOD at peak

- 1:30 Maximum gradient

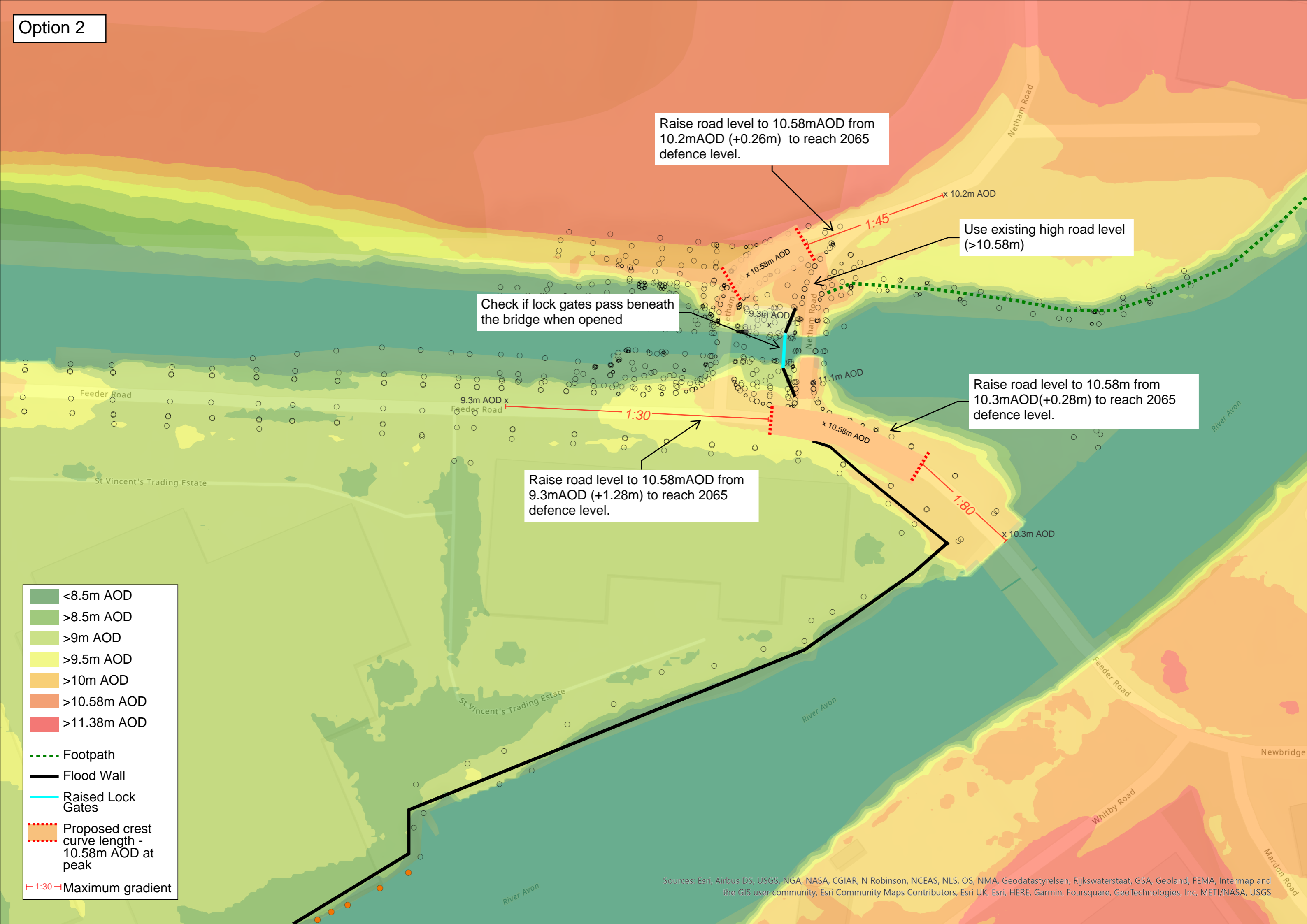
Raise road level to 10.58mAOD from 10.2mAOD (+0.26m) to reach 2065 defence level.

Use existing high road level (>10.58m)

Check if lock gates pass beneath the bridge when opened

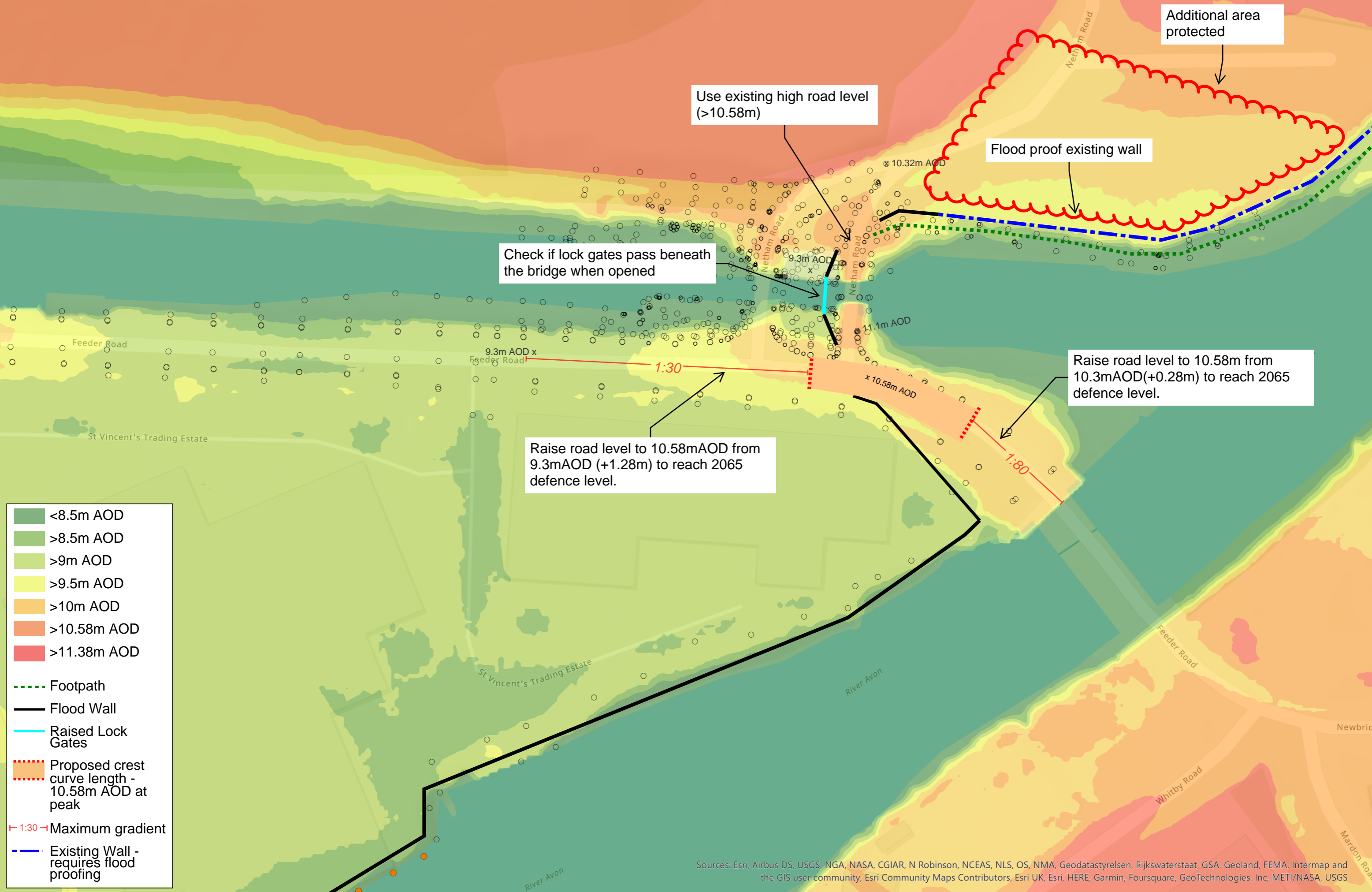
Raise road level to 10.58m from 10.3mAOD(+0.28m) to reach 2065 defence level.

Raise road level to 10.58mAOD from 9.3mAOD (+1.28m) to reach 2065 defence level.



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, Esri UK, Esri, HERE, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

Option 3

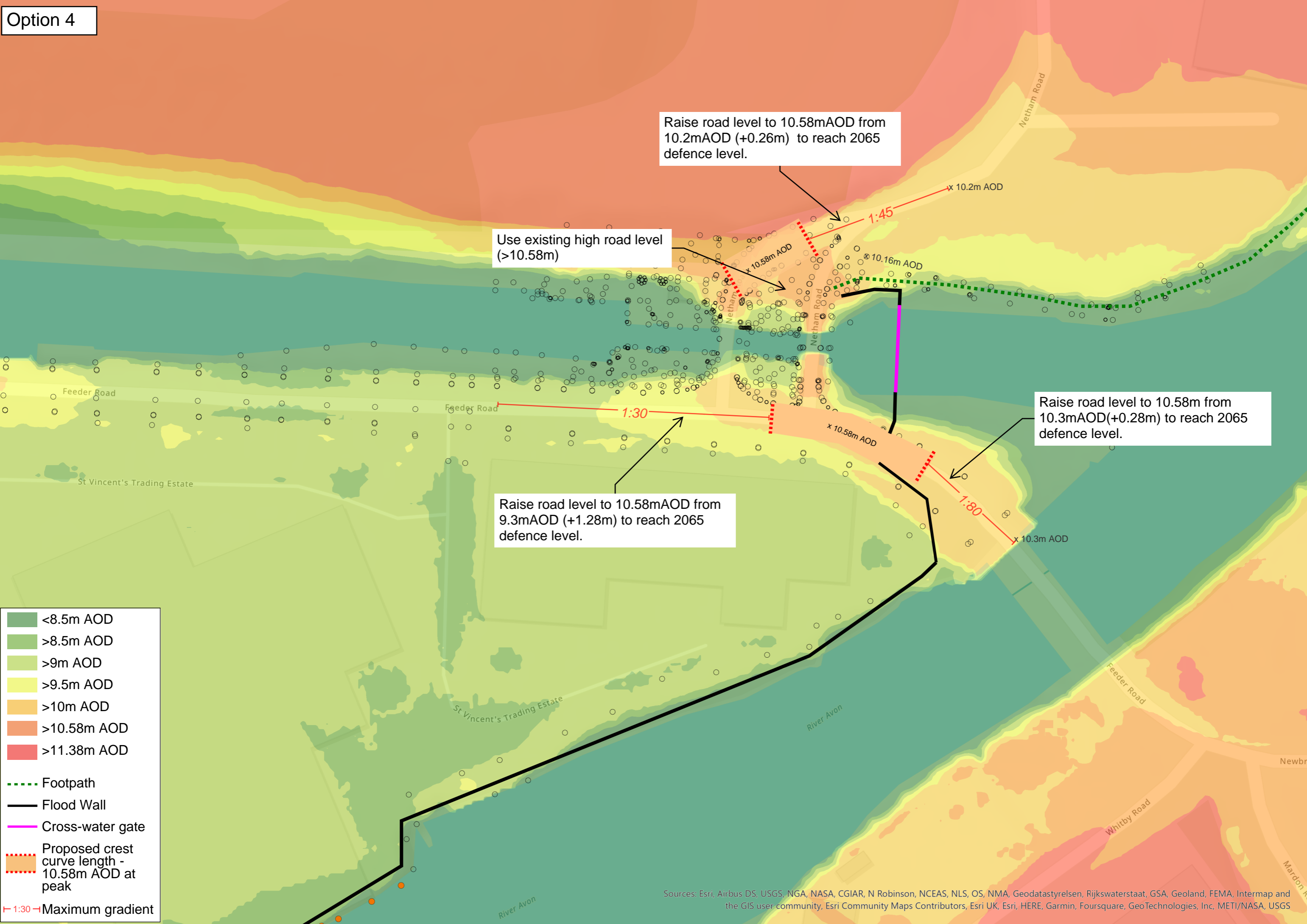


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- >10m AOD
- >10.58m AOD
- >11.38m AOD

- Footpath
- Flood Wall
- Raised Lock Gates
- Proposed crest curve length - 10.58m AOD at peak
- 1:30 Maximum gradient
- Existing Wall - requires flood proofing

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, Esri UK, Esri, HERE, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

Option 4



Raise road level to 10.58mAOD from 10.2mAOD (+0.26m) to reach 2065 defence level.

Use existing high road level (>10.58m)

Raise road level to 10.58m from 10.3mAOD(+0.28m) to reach 2065 defence level.

Raise road level to 10.58mAOD from 9.3mAOD (+1.28m) to reach 2065 defence level.

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- >10.58m AOD
- >11.38m AOD
- Footpath
- Flood Wall
- Cross-water gate
- Proposed crest curve length - 10.58m AOD at peak
- 1:30 Maximum gradient

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Option 5

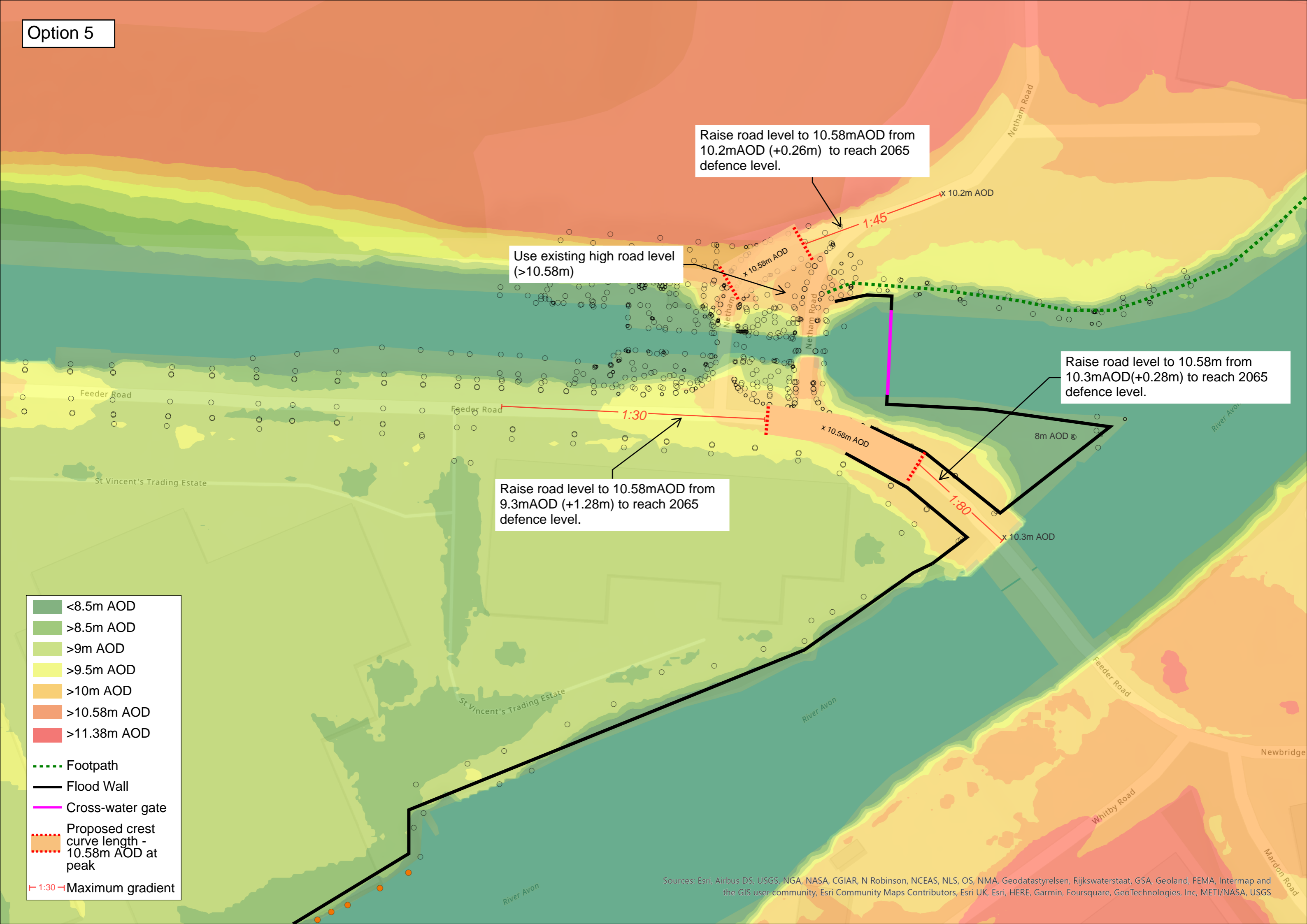
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- >11.38m AOD
- Footpath
- Flood Wall
- Cross-water gate
- Proposed crest curve length - 10.58m AOD at peak
- 1:30 Maximum gradient

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Use existing high road level (>10.58m)

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Raise road level to 10.58mAOD from 9.3mAOD (+1.28m) to reach 2065 defence level.



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