



SOUTH NEW BRIGHTON, NORTH OF BRIDGE STREET

| | |
|---------------------------|--|
| Area | South New Brighton north of Bridge Street |
| Issue | Risk of flooding north of Bridge Street |
| Option | Phase One: Investigate stopbank condition and safety. |
| Plain English explanation | <p>The stopbanks in the area have been raised and repaired since the earthquakes. They currently reduce the risk of flooding to houses to a higher height than previously provided before the earthquakes, and are consistent with, or higher than, other parts of Ihutai/Estuary.</p> <p>However, we know that if water from the estuary / river were to overtop or breach the stopbank, the consequence to people and property is now greater. This is because the land is lower on the landward side of the stopbank, which increases the potential depth of floodwaters.</p> <p>We're proposing to do a detailed inspection of the stopbanks to determine their current condition, and to recalculate any risk to life based on the new 2018 high tide data. We will report this information back to the community. If there is any action required, we'll factor this into Council work programmes with appropriate priority.</p> |
| Description | <p>Phase One:</p> <p>Council would undertake a detailed inspection of the stopbank condition and report back to the community on any actions required.</p> <p>The site inspection would:</p> <ul style="list-style-type: none"> • assess the condition of the stopbanks between Pages Road and Bridge St, • identify any areas of erosion, • record the height of the top of the stopbank crest, and • report on actions required. <p>This is already partially underway and could be completed in 2019.</p> <p>Council would also update previous investigations to assess the current life-safety risk of flooding from a breach of the stopbanks</p> |



| | |
|------------------------------------|---|
| | between Pages Road and Bridge St to account for the updated 2018 high tide statistics. Phase Two would be the consideration of any remedial actions. |
| Estimated Cost | \$100,000 |
| Delivery Timing | Inspection and reporting on remedial actions within 6 months. Investigations of life-safety risk within 12 months. |
| Implementation Requirements | Any remedial actions recommended from this work may need resource consents. |
| Community Input | This option links to community options requesting better information. |