

NORTH LINCOLNSHIRE COUNCIL

CABINET

FLOOD RISK MANAGEMENT UPDATE

1. OBJECT AND KEY POINTS IN THIS REPORT

- 1.1 To update Cabinet on a number of ongoing flood risk management projects. Specifically:
- Lincolnshire Lakes and upgrading of River Trent Flood Defences
 - Partnership working with the Environment Agency in the developing the updated Humber Flood Risk Management Strategy
 - Progress on projects to upgrade River Humber Flood Defences eg South Ferriby and Winteringham Ings.
 - Current and planned surface water schemes
- 1.2 To inform the Cabinet of the proposed allocations of available funding between the projects.

2. BACKGROUND INFORMATION

2.1 At the meeting of Cabinet held on 26 January, a draft Local Flood Risk Management Strategy for North Lincolnshire was considered and adopted. The strategy set out what the council intended to do working with other organisations, businesses and communities to manage the risk of flooding in North Lincolnshire over the next 15 years. The purpose of this paper is to update Cabinet on a number of key flood risk management projects that the council is working with partners to deliver.

2.2 Lincolnshire Lakes and Upgrading of River Trent Flood Defences:

2.2.1 The Lincolnshire Lakes Flood Defence Scheme is a body of improvement works to the defences of the River Trent, primarily in North Lincolnshire. It is a £13.3m scheme funded by government through the Local Growth Fund. The funding was allocated following a successful bid to the Humber Local Enterprise Partnership in 2015. North Lincolnshire Council is the Accountable Body for the fund.

2.2.2 The project seeks to provide hard defences via steel sheet piling on the Burringham side of the River Trent between the M180 and Keadby Bridge. Embankment works will also be carried out on the opposite side where the existing bank has settled over time to ensure a consistent defence level throughout the development area. The

existing defences in Burringham installed by the Environment Agency (EA) in 2014 will also be raised.

2.2.3 Site mobilisation continues with steel ordered ahead of a commencement of construction planned for April 2018. Site clearance along the River Trent has already been carried out without issue. A Collaboration Agreement with the EA has been drafted and awaits their signature. A Marine Management Organisation (MMO) Application was submitted on 12 January 2018. Work within site compound will commence this month. Funding spend for the scheme is fully on profile with the Local Growth Fund.

2.2.4 The council has currently approved the following capital funds to support the delivery of the Lincolnshire Lakes Flood Prevention project:

| | |
|---------|---------|
| 2017/18 | £4.503m |
| 2018/19 | £3.996m |
| 2019/20 | £3.996m |

2.3 Humber Flood Risk Management Strategy

2.3.1 The Humber Strategy update has been identified as a major project by the EA. It is being led by the Agency and their appointed consultants. The EA, Local Authorities, Internal Drainage Boards and other partners are working in partnership to redefine the strategic approach to managing tidal flood risk around the Humber the adjoining rivers where tidal flood risk is dominant, setting the way forward for the next 100 years taking into account predicted sea level rise and climate change.

2.3.2 The new strategy, which builds on existing work will be adopted by Local Authority partners. The aim is to obtain Defra approval in 2019. A joint Memorandum of Understanding (MOU) was approved in January 2018. The Cabinet Member for Safer, Greener and Cleaner Places approved the signing of the MOU by the Council on 28 February 2018. Programmes of capital and maintenance work which are developed from the strategy will be delivered post 2021. A governance structure reflecting EA Major Project Status has been established and includes.

Key advisory groups:

- Humber MP's forum
- Humber Liaison Forum (wider stakeholder group)
- Regional Flood and Coastal Committees (Anglian Northern and Trent)
- Elected Members Forum (Elected Members from each authority within the strategy area).

Three managing groups:

- Humber Officers Group (Project Board)
- Joint Strategic Unit PLUS (Programme Board)
- Leaders Board PLUS (Sponsoring Group)

Five key work streams have been established:

- Economics & Appraisal
- Engagement and Funding (2 sub-work streams)
- Environment and sustainability
- Modelling and data (2 sub-work streams)
- Engineering

2.3.3 Current work being undertaken through a series of workshops is the development of a short list of options to be taken through to detailed modelling and appraisal.

2.4 Upgrading of River Humber Flood Defences - South Ferriby and Winteringham Ings.

2.4.1 The communities of South Ferriby and Winteringham Ings experienced significant flooding as a result of the tidal surge that affected the River Humber in December 2013. As a result, the Environment Agency, supported by the Council have explored a range of options towards improving the flood defences in these areas. The latest update on progress to these ends is as follows:

- At the end of June 2017 EA Stakeholders and Partner Engagement Workshops took place where the Short List of options were debated and accepted. Community Engagement Workshops took place in Winteringham and South Ferriby during July 2017.
- A preferred option has now been identified at a total estimated cost of between £8.0-10.0m, requiring a local contribution of between £3.0-5.0m.
- Following the refresh of the 2015-21 Investment Programme during the summer, the indicative programme now includes £4.6m of Flood and Coastal Risk Management Grant in Aid funding from DEFRA up to 2020/21.
- The EA commenced funding contribution negotiations with Cemex in September. The opportunities to provide suitable material and land are being developed with them, to enable the river embankments to be raised and built in accordance with delivering the preferred option at a significantly reduced cost.
- The EA have discussed the outline proposals with landowners, to explore options for access and to minimise compensation concerns.
- The EA are now discussing the details of the scheme with their framework contractors to come up with more detailed costings.
- The EA are parallel tracking their understanding of the migration of erosion along the Humber South Bank foreshore, so that the long term sustainability of the preferred option is fully understood, including whole life cost implications and risks.

- The EA are having discussions with Natural England about extending the working window, as this will lead to efficiency savings during construction.
- Further funding sources being pursued:
 - Anglian Northern Regional Flood and Coastal Committee has agreed in principle to provide some support funding through Local Levy, particularly for property level protection and asset/community resilience costs.
 - North Lincolnshire Council have reaffirmed their £0.6m contribution to the development and construction of the project.
 - Negotiations with Anglian Water are going on aimed at securing funding contributions in the order of £0.25m.
 - The EA are exploring the possibility of using a DEFRA 'booster' fund for communities to stimulate growth (as announced in Autumn Budget)

2.4.2 The Outline Business Case is now being drafted, but the submission has been deferred to enable more robust costs and a detailed funding package to be developed. Anticipated submission to the EA Large Projects Review Group was expected to be in January 2018.

2.4.3 Providing all funding and contributions are secured, it is anticipated that physical works could start on site in late 2018, with completion by 2020.

2.5 Current and Planned North Lincolnshire Council Surface Water Drainage Programmes

2.5.1 The Council has recently approved capital funding to support flood risk and drainage works as shown below. This internal funding demonstrates the ongoing high priority attached by the council to flood risk and drainage.

| | |
|---------|--|
| 2017/18 | £1.5m |
| 2018/19 | £1.922m (Includes the £0.6m South Ferriby & Winterringham Ings Contribution to EA) |
| 2019/20 | £0.763m |

2.5.2 The appendices to this report provide details of current and proposed projects for delivery via these approved funds.

3. OPTIONS FOR CONSIDERATION

- 3.1 That Cabinet notes the progress achieved to date in relation to the various flood risk management projects set out in this report.
- 3.2 That Cabinet approves to progress the local flood risk works programmes detailed in the appendices to this report.

4. ANALYSIS OF OPTIONS

- 4.1 Utilising the Local Flood Risk Management Strategy prioritisation methodology for both current schemes (Appendix 1) and future schemes, the options for effective delivery of the programme of works has resulted in the individual schemes as detailed in Appendix 2. Feedback from elected members on flood risk related issues affecting their wards is helpful in ensuring that priorities are fully assessed and that the final programme of works put forward for consideration reflects this.
- 4.2 Adopting the recommendations will ensure that sufficient funding is available to progress the council's previously agreed flood risk schemes.
- 4.3 By utilising Local Flood Risk Management Strategy, which have been developed over a number of years, it is considered that the proposed programme of works as set out in the appendices will deliver both organisational goals and optimum value for money.

5. RESOURCE IMPLICATIONS (FINANCIAL, STAFFING, PROPERTY, IT)

- 5.1 The Memorandum of understanding for the Humber Flood Risk Management Strategy Comprehensive Review does not place any obligation on the council to make any resource contribution towards the review.
- 5.2 There are staffing issues in regard to the review which has created a number of work streams where each party shall nominate a chosen engagement/communications representative who will attend regular meetings/workshops, public and media events organised as key elements of our engagement planning where possible.
- 5.3 There are no other resource implications.

6. OUTCOMES OF INTEGRATED IMPACT ASSESSMENT (IF APPLICABLE)

- 6.1 Not applicable.

7. OUTCOMES OF CONSULTATION AND CONFLICTS OF INTERESTS DECLARED

- 7.1 Representatives from the EA provided a presentation on the Humber Strategy Comprehensive Review to North Lincolnshire Council Strategic Flood Board on 13 December 2017. Board Members include representatives from the council, the Environment Agency, Water and Sewage companies and Internal Drainage Boards. The Lead Member for Flooding is a member of the Board.
- 7.2 The North Lincolnshire Council Strategic Flood Board discusses all flood risk and drainage schemes mentioned in this report at each meeting.

8. RECOMMENDATIONS

- 8.1 That Cabinet notes the progress achieved to date in relation to the various flood risk management projects set out in this report.

- 8.2 That Cabinet approves to progress local flood risk works programmes detailed in the appendices to this report.

DIRECTOR OF OPERATIONS

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Background Papers used in the preparation of this report:

- Local Flood Risk Management Strategy
- Minute 1196 (43) of Cabinet held on 26 January 2016 Local Flood Risk Management for North Lincolnshire
- Minute 19 (19) of the Safer, Greener and cleaner Places Cabinet Member of 28 February 2018 – Humber Flood Risk Management Strategy Comprehensive Review Memorandum of Understanding

APPENDIX ONE

FLOOD RISK SCHEMES COMPLETED IN 2016/17 and 2017/18

- Main Street, Saxby – **Completed September 2017**
- Sandoft Industrial Estate – **Completed July 2017**
- West Butterwick, Parklands – **Completed 2017**
- Barnetby Woodlands Scheme – **Completed 2017.**
- Reapers Rise, Epworth – **Completed 2017**
- Ville Road Scunthorpe - **Completed 2017**
- Phase 1 improvements at Coronation Road and Front Street, Ulceby – **Completed February 2018**
- Barrow Haven – new footway and drainage – **Completed 2017**
- Roxby, South Street – **Completed 2017**
- Principal road drain cleansing – Burringham Road Scunthorpe, Scotter Road Scunthorpe, B1206 Scawby Brook – **Completed 2017**
- Haxey, War Memorial – **Completed 2017**
- Kirton, Grayingham Road - **Completed March 2018**

**PROPOSALS FOR INCLUSION IN THE FLOOD RISK PROGRAMME OF WORKS
FOR 2018-19 AND BEYOND**

- Redbourne Beck - Property level protection and Telemetry
- Goxhill, Thornton Road
- S. Ferriby, Andrews Rd
- Prioritised programmed refurbishment of NLC pump stations
- Phase 2 improvements at Coronation Road and Front Street, Ulceby
- Scunthorpe, Ferry Road / Avenue Vivian table tops flooding
- Principal road drain cleansing
- Priority gully cleansing schedule under review
- Evaluation of settlement risk areas identified within the Local Flood Risk Management Strategy, in order to develop potential future schemes.
- Minor Works Drainage
- Isle of Axholme – Flood Risk Strategy contribution
- Kirton, Southdale
- Cringle Beck

Revenue works continue with minor drainage improvements and cleansing works.