

**Open Report on behalf of Richard Wills,
Executive Director for Environment and Economy**

Report to:	Councillor C J Davie – Executive Councillor for Economy and Place
Date:	Between 11 June 2018 and 15 June 2018
Subject:	Middle Rasen Flood Prevention Scheme
Decision Reference:	I015756
Key decision?	Yes

Summary:

This report provides a summary of the Middle Rasen flood prevention scheme. It discusses the background to the scheme, why the scheme is required and the key benefits it provides.

The paper seeks approval to proceed with works for the scheme and seeks authority for the Executive Director for Environment and Economy to take decisions to give effect to the scheme in consultation with the Executive Councillor.

Recommendation(s):

That the Executive Councillor for Economy and Place:-

- 1) approves in principle proceeding with the Middle Rasen flood prevention scheme; and
- 2) delegates to the Executive Director for Environment and Economy in consultation with the Executive Councillor for Economy and Place the taking of all decisions necessary to give effect to the scheme up to and including the award of a contract for the works.

Alternatives Considered:

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| 1. | Not to proceed with the scheme will result in the flood prevention works not being completed and the inevitable consequence that properties will continue to be at risk from future flooding. |
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Reasons for Recommendation:

Approving the scheme will improve the highways drainage and address the issue of flood risk to local properties to help protect them from future flooding.

1. Background

Overview of Middle Rasen flood prevention scheme

- 1.1 Lincolnshire County Council as the Lead Local Flood Authority is investigating solutions for key towns of Lincolnshire that have suffered flooding. One such scheme that we are progressing is in the village of Middle Rasen.
- 1.2 Middle Rasen experienced flooding events in 2007, 2012 and 2013 where up to 11 properties have experienced internal flooding, in particular the Gainsborough Road area of the village.
- 1.3 Lincolnshire County Council's Technical Services Partnership is leading the design and supervision of the scheme.
- 1.4 The scheme is being jointly funded by: LCC, Anglian Water and Defra, through a process administered by the Environment Agency.
- 1.5 The key aim of the scheme is to help reduce the risk of future flooding and thereby protect 51 homes from flooding.

Summary of works (see enclosed plan -Appendix A)

- 1.6 Below is a summary of the project works to be undertaken at Middle Rasen:
 - Improvement of the existing highway drainage system on Gainsborough Road.
 - Installation of a new drainage system consisting of new pipework from the existing watercourse situated adjacent to Vine Cottage and The Mill Wheel on Gainsborough Road into Wilkinson Drive and across the recreation ground to connect to the existing public sewer situated in the recreation ground.
 - Creation of a replacement outfall headwall and installation of a new flap valve on the watercourse to the eastern side of Manor Drive to discharge into the River Rase.
 - Installation of a new flap valve on the existing headwall to the drainage system to discharge into the River Rase on land to the south of North Farm, North Street.
 - Replacement of an existing headwall and chamber for the watercourse situated between Vine Cottage and The Mill Wheel on Gainsborough Road (A46)
 - The reinstatement of overflow outlets into the existing watercourse to the western side of Manor Drive and the replacement of the syphon arrangement with a single chamber located on the public sewer system on the eastern side of Manor Drive.

Scheme Benefits

- 1.7 The primary aim of the scheme is to reduce the frequency of, if not prevent, future flooding to properties along the A46 and Wilkinson Drive.

1.8 Other key benefits include:

- Reduce the risk of flooding to properties that have previously experienced flooding in other locations;
- Protection of up to 51 properties in the local area including those on Manor Drive;
- Improved capacity and efficiency of the local drainage network along the A46 and Wilkinson Drive.

Programme of works for whole scheme

1.9 The construction programme would be approximately three months. The programme for the scheme is as follows:

- Tender: end-May 2018
- Scheme award: late-June/early-July 2018
- Site: late-July to late-October 2018

Traffic Management

1.10 There will be suitable TM in place during the works.

1.11 The Traffic Management for the works will be phased as follows:

Phase 1: works undertaken in village hall grounds and along Wilkinson Drive upto edge of A46

Dates of phase 1: end July to early September
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There will be some disruption from construction vehicles but during Phase 1 the A46 will be kept open and the works off the A46 will be managed to allow access to vehicles.
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Phase 2: works along the A46 and road closure
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Dates of Phase 2: early September to mid/end October 2018
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As part of the works we are proposing to shut the A46 in Middle Rasen and a suitable diversion route will be in place (already discussed with Highways and Permitting officers).
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Description of diversion route from early September to mid October 2018**

*****This route has been agreed in outline with local highways and permitting officers*****

HGV diversion route

Northbound traffic

Access for HGVs from Lincoln to Grimsby

HGVs travelling north/north east from Lincoln to Grimsby should be signed along the following routes:

- Continue north on A15
- Turn right from A15/Caenby Corner Roundabout onto the A631/A1103 Top Road
- At end of A1103 Top Road turn left at A46 to travel onwards to Grimsby

Southbound traffic/Westbound traffic

Access for HGVs from Grimsby to Lincoln

HGVs travelling from Grimsby to Lincoln should be signed along the following routes:

- A46 from Grimsby, Caistor to Lincoln should travel via Usselby and be directed onto A1103 Top Road to continue straight onto Caenby Corner Roundabout
- Continue south on A15 from Caenby Corner Roundabout

Access for vehicles diverted at A46/A631 Lincoln Road/ Gainsborough Road junction/HGVs travelling from East to North

- Right turn ban for HGVs travelling along A631/A1103 Top Road
- HGVs to continue onto A46/A15 Caenby Corner Roundabout and turn round to come back onto A631/A1103 to carry on northbound

Car diversion route

Access for cars from Lincoln to Grimsby

Cars wishing to travel from Lincoln to Grimsby to be signed to following the diversion route around Middle Rasen:

- Continue to Middle Rasen on A46
- Travel west along A631 and turn right onto A1103 Top Road

Access for cars from Grimsby to Lincoln

Cars wishing to travel from Grimsby to be signed to following the diversion route around Middle Rasen:

- Continue on A46 Caistor Road and turn right at A1103 Top Road
- Turn left at A1103/A631 Top Road

Access for vehicles travelling West/North West from Market Rasen onwards

Cars wishing to travel from Market Rasen west or north-west to be signed to follow the diversion route around Middle Rasen:

- Travel through Market Rasen to the A46/A631 Gainsborough Road/Gallamore Lane (Middle Rasen) junction
- Turn right and travel towards Grimsby A46 and turn left onto Top Road A1103 Top Road to re-join A631 at Kingerby Fork junction

Management of TM during works

The following items will be put in place to manage the TM:

- Advanced Signage for the HGV diversion route at Lincoln;
- Detailed communications during and ahead of the diversion;
- Large signs to advertise the name of the scheme and dates e.g. "Middle Rasen Flood Prevention Scheme" (similar to signs put up at Wragby Road/Wolsey Way).

Tendering process

1.12 It is proposed to tender the scheme via Lincolnshire County Council's *Select List Framework for Highways*.

Scheme costs

1.13 The construction and supervision costs are estimated at £605,000. Below is a breakdown of these costs:

Summary	Costs
Works	£575,000
Supervision	£30,000
Total	£605,000

Funding Summary

1.14 Funding towards the cost of the improvement project is made up of a combination of funding sources as identified in the table 1.1 below:

Works

Table 1.1

Funding Source	Funding Value
LCC Capital flooding budget	£146,000
Environment Agency, Grant in Aid budget	£259,000
Local Levy	£10,000
Anglian Water Services	£130,000
LCC Highways budget	£30,000
Total scheme budget	£575,000

Supervision

Funding Source	Funding Value
LCC Capital flooding budget	£30,000

Approvals required

1.15 As part of this paper we are seeking approval from the Executive Councillor for Economy and Place approval in principle to the carrying out of this scheme.

1.16 The scheme is based on a cost estimate and includes risk and optimism bias for factoring of unknowns during the tender process. The total scheme cost is estimated as £605,000. The final decision whether to award a

contract for the scheme would be delegated to the Executive Director in consultation with the Executive Councillor under recommendation 2. That final decision would only be taken after tenders are returned and the position on funding is known.

2. Legal Issues:

Equality Act 2010

Under section 149 of the Equality Act 2010, the Council must, in the exercise of its functions, have due regard to the need to:

- * Eliminate discrimination, harassment, victimisation and any other conduct that is prohibited by or under the Act
- * Advance equality of opportunity between persons who share a relevant protected characteristic and persons who do not share it
- * Foster good relations between persons who share a relevant protected characteristic and persons who do not share it.

The relevant protected characteristics are age; disability; gender reassignment; pregnancy and maternity; race; religion or belief; sex; and sexual orientation

Having due regard to the need to advance equality of opportunity involves having due regard, in particular, to the need to:

- * Remove or minimise disadvantages suffered by persons who share a relevant protected characteristic that are connected to that characteristic
- * Take steps to meet the needs of persons who share a relevant protected characteristic that are different from the needs of persons who do not share it
- * Encourage persons who share a relevant protected characteristic to participate in public life or in any other activity in which participation by such persons is disproportionately low

The steps involved in meeting the needs of disabled persons that are different from the needs of persons who are not disabled include, in particular, steps to take account of disabled persons' disabilities

Having due regard to the need to foster good relations between persons who share a relevant protected characteristic and persons who do not share it involves having due regard, in particular, to the need to tackle prejudice, and promote understanding

Compliance with the duties in section 149 may involve treating some persons more favourably than others

The duty cannot be delegated and must be discharged by the decision-maker. To discharge the statutory duty the decision-maker must analyse all the relevant material with the specific statutory obligations in mind. If a risk of adverse impact is identified consideration must be given to measures to avoid that impact as part of the decision making process

An Equality Impact Analysis has not been undertaken. This work is considered
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neutral in its impact on protected characteristics groups.

Joint Strategic Needs Analysis (JSNA) and the Joint Health and Wellbeing Strategy (JHWS)

The Council must have regard to the Joint Strategic Needs Assessment (JSNA) and the Joint Health & Well Being Strategy (JHWS) in coming to a decision

Consideration has been given to the JSNA and the JHWS and as can be seen from the scheme description of the works, the scheme will have positive benefits for both the health and wellbeing of local residents.

Crime and Disorder

Under section 17 of the Crime and Disorder Act 1998, the Council must exercise its various functions with due regard to the likely effect of the exercise of those functions on, and the need to do all that it reasonably can to prevent crime and disorder in its area (including anti-social and other behaviour adversely affecting the local environment), the misuse of drugs, alcohol and other substances in its area and re-offending in its area

The works are considered to have a neutral impact on the Crime and Disorder Act 1998.

3. Conclusion

3.1 It is recommended that the Executive Councillor for Economy and Place approves proceeding with the Middle Rasen flood prevention scheme.

4. Legal Comments:

The Council has power to proceed with the scheme proposed. The decision is consistent with the Policy Framework and within the remit of the Executive Councillor.

5. Resource Comments:

Approving the recommendation to award the main contract for the Middle Rasen flood protection scheme, will commit the Council's budgets as set out in the body of the report and is reliant upon the partner contributions as detailed. The Council's contributions to the scheme are within the approved budgets for 2018/19.

6. Consultation

a) Has Local Member Been Consulted?

Yes

b) Has Executive Councillor Been Consulted?

Yes

c) Scrutiny Comments

The paper is being presented and discussed at the Environment and Economy Scrutiny Committee on Tuesday 22nd May 2018. The comments of the Committee will be provided to the Executive Councillor before the decision is taken.

d) Have Risks and Impact Analysis been carried out?

Yes

e) Risks and Impact Analysis

As set out in the Report.

7. Appendices

These are listed below and attached at the back of the report	
Appendix A	Scheme plan

8. Background Papers

No Background Papers within the meaning of section 100D of the Local Government Act 1972 were used in the preparation of this Report.

This report was written by Charlotte Hughes, who can be contacted on 01522 555586 or charlotte.hughes@lincolnshire.gov.uk .