

Report to	Cabinet 16 January 2019	Item
Report of	Director of regeneration and development	7
Subject	Greater Norwich Joint Five Year Infrastructure Investment Plan	

Purpose

To consider whether to endorse the five year investment plan.

Recommendation

To:

- 1) approve the Greater Norwich Joint Five Year Investment Plan;
- 2) agree the proposed 2019/20 Annual Growth Programme; and
- 3) agree that the cash reserve should be reallocated into the Infrastructure Investment Fund to support the delivery of previously agreed annual growth programmes, and support the establishment of a new cash reserve to be forward planned in future versions of the Plan.

Corporate and service priorities

The report helps to meet the corporate priority a prosperous and vibrant city.

Financial implications

As set out in paras 14-17 of the report.

There is no requirement for any new projects to be included in the council's capital programme for 2018/19.

Ward/s: All Wards

Cabinet member: Councillor Waters - Leader

Contact officers

Gwyn Jones, city growth and development manager 01603 212364

Background documents

None

Report

Background

1. In 2014, the council, together with Broadland and South Norfolk councils agreed to pool its Community Infrastructure Levy (CIL) income (not including the neighbourhood and administrative funding elements) to create an Infrastructure Investment Fund (IIF) which is administered by the Greater Norwich Growth Board (GNGB) in order to pay for strategic infrastructure as part of the Greater Norwich Growth Board (GNGB) Joint Working Agreement. Key pieces of infrastructure are required to support the planned housing and jobs growth.
2. The Greater Norwich Infrastructure Plan (GNIP) identifies infrastructure priorities to the end of the current Joint Core Strategy (2026) and details the progress of infrastructure delivery within the Greater Norwich area.
3. The Greater Norwich Growth Board (GNGB) agreed at its board meeting on 24 March 2016 to produce a Joint Five Year Infrastructure Investment Plan (5YIP) to help to provide a longer term, more strategic context for infrastructure decision making.
4. Prior to the preparation of this 5YIP, the GNIP was updated, (included at Appendix 2).

The Five Year Infrastructure Investment Plan

5. The projects identified within this 5YIP are those currently considered to be a priority for delivery to assist in achieving the economic growth targets as set out in the Joint Core Strategy and the Greater Norwich City Deal; one of the key strands of the City Deal was the delivery of an infrastructure programme facilitated by a pooled funding arrangement between the authorities.
6. The projects which receive IIF funding during the forthcoming financial year will be adopted as the 2019/20 Annual Growth Programme (AGP). The projects listed within the subsequent four years are the IIF funding priorities till 2023/24.
7. This Plan incorporates the updated position on infrastructure delivery, includes revised CIL income projections, provides updates on projects accepted within previous AGPs and outlines planned preparatory work for infrastructure schemes for future years.
8. The draft Five Year Infrastructure Plan 19-24, is included at Appendix 1.

19/20 Annual Growth Programme (AGP)

9. Estimates for the total forecasted amount of CIL collected over the plan period have reduced over previous years. This is in part due to the changes in government policy which have increased the categories of development which

are exempt from paying CIL but also due to the complex nature of CIL receipting making forecasts incredibly difficult to calculate.

10. CIL income has been less than forecasted each year since 2014. In order to safeguard the commitments made to all projects within previously agreed AGPs the GNGB made the decision on 25th June 2018:

'To temporarily suspend the inclusion of any new projects in future 5 Year Investment Plans and Annual Growth Programmes. New projects which require urgent or time limited funding will still be able to submit proformas however these will be reviewed independently.'

11. It is proposed that that Education receive £2million to support the development of their capital programme, but there are no projects from within the themes of Green Infrastructure, Transport or Communities included within the 19/20 AGP.
12. Projects which were previously programmed to be delivered in 19/20 have either sourced funding elsewhere, have been closed and are no longer a priority or have agreed to re-programme their delivery until funding is available.
13. Approximately £1.5million of projects allocated IIF in previous AGPs will continue to be delivered in 2019/20.

The use of the cash reserve within the financial framework

14. The 2016/17 AGP agreed to borrow £50m at PWLB project rate to support the delivery of both the Broadland Northway and the Long Stratton Bypass. It was agreed that a cash reserve equal to one annual repayment be built up over 3 years from 2017/18 to safeguard this loan repayment.
15. CIL receipts have been lower than forecast since the creation of the IIF in 2014. As a result we now forecast an over commitment of the Growth Programme in the financial year 2019/20. If this occurs and the IIF falls into deficit, the fund would be charged interest on the amount. However, it is expected that through careful programme management the Greater Norwich Project Team will be able to prevent this from happening. This potential interest charge has therefore not been included within the financial framework.
16. The Infrastructure Development Board along with each partner's s151 officer have recommended that the accrued cash reserve should be reallocated back into the IIF, whilst a new £2m cash reserve is planned to be built over the subsequent 4 years of this Plan.
17. Cabinet are asked to agree that the cash reserve should be reallocated into the IIF to support the delivery of previously agreed annual growth programmes, and support the establishment of a new cash reserve to be forward planned in future versions of this Plan.

Integrated impact assessment



NORWICH
City Council

The IIA should assess **the impact of the recommendation** being made by the report

Detailed guidance to help with the completion of the assessment can be found [here](#). Delete this row after completion

Report author to complete

Committee:	Cabinet
Committee date:	16 January 2019
Director I Head of service	Head of city development services
Report subject:	Greater Norwich Joint Five Year Infrastructure Investment Plan
Date assessed:	7 th January 2019

	Impact			
Economic (please add an 'x' as appropriate)	Neutral	Positive	Negative	Comments
Finance (value for money)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other departments and services e.g. office facilities, customer contact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ICT services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Economic development	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Projects are intended to support growth and hence prosperity of Norwich
Financial inclusion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Social (please add an 'x' as appropriate)	Neutral	Positive	Negative	Comments
Safeguarding children and adults	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>S17 crime and disorder act 1998</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Human Rights Act 1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Health and well being	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Several projects support provision of health services or health and well-being more generally (e.g. green links) in later years

	Impact			
Equality and diversity (please add an 'x' as appropriate)	Neutral	Positive	Negative	Comments
Relations between groups (cohesion)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Eliminating discrimination & harassment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Advancing equality of opportunity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Environmental (please add an 'x' as appropriate)	Neutral	Positive	Negative	Comments
Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Later years
Natural and built environment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Later years
Waste minimisation & resource use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sustainable procurement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Energy and climate change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(Please add an 'x' as appropriate)	Neutral	Positive	Negative	Comments
Risk management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Recommendations from impact assessment
Positive
There will be benefits overall through delivery of new projects in future years
Negative
Neutral
Issues

Greater Norwich Growth Board

Greater Norwich Infrastructure Plan

June 2018



Jobs, homes, prosperity for local people

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Appendix 1 Infrastructure Framework This section lists all the currently planned strategic infrastructure projects.	24

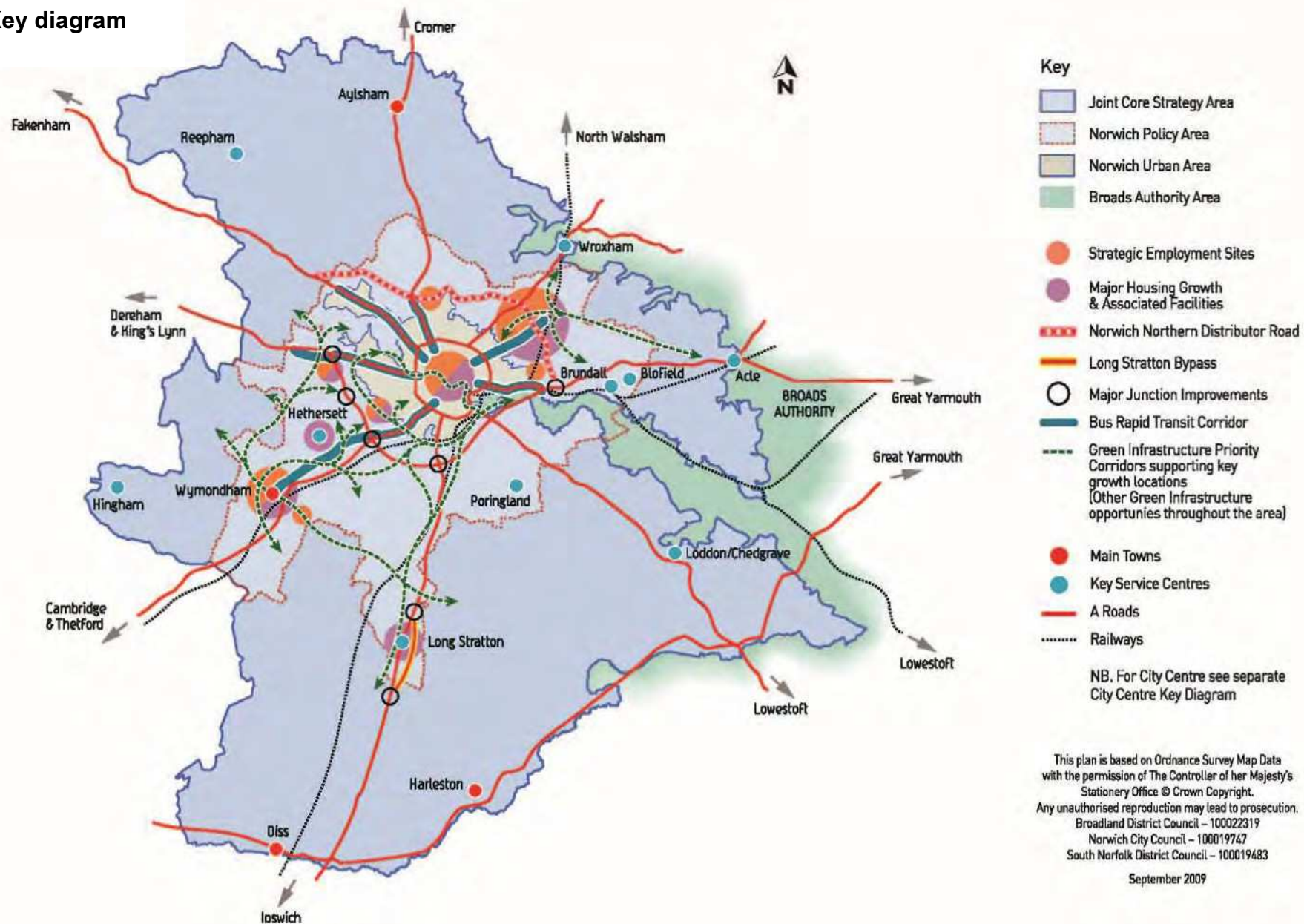
1. Introduction

- 1.1 The Greater Norwich area, covering the districts of Broadland, Norwich and South Norfolk, is a key engine of growth for the United Kingdom. The Joint Core Strategy for the area (JCS) aims to deliver 27,000 jobs and 37,000 homes between 2008 and 2026. Greater Norwich is one of the fastest growing areas in the country and has established itself as a leader in health and life sciences, digital creative and advanced manufacturing and engineering. The Greater Norwich City Deal, signed with government in December 2013, aims to bring an additional 13,000 jobs to the area, as well as 6,000 jobs in construction, and accelerate the delivery of 3,000 homes within the Growth Triangle. Through the City Deal the Greater Norwich Growth Board partners' ambition is to enable the existing world class knowledge to develop and grow into world class jobs and a thriving economy.
- 1.2 The Greater Norwich Local Plan (GNLP) is in an early stage of production. It will identify and provide for additional housing and jobs growth required to 2036. When it is adopted, which is scheduled for 2020, it will supersede the JCS and other local plan documents.
- 1.3 This document, the Greater Norwich Infrastructure Plan (GNIP), helps co-ordinate and manage the delivery of strategic infrastructure to support growth, a high quality of life and an enhanced natural environment¹. It informs prioritisation of investment and delivery. It is not an exhaustive list. It is a living document, updated annually to reflect the latest information.
- 1.4 The GNIP supports the delivery of the JCS, other Local Plan documents for the area, local economic strategies, the Greater Norwich City Deal, and the Strategic Economic Plan (produced by the New Anglia Local Economic Partnership). It draws on work to identify and secure the key infrastructure required to support growth as set out in the Joint Core Strategy Infrastructure Framework (included in JCS Appendix 7 and 7a). The updated Infrastructure Framework is included as Appendix 1.
- 1.5 While mainstream funding provides the primary support for new infrastructure, contributions from new development, such as Section 106 agreements and Community Infrastructure Levy are also important. Section 2 of this report provides an overview of funding and delivery mechanisms.
- 1.6 Section 3 outlines the range of infrastructure required to support growth including that delivered and funded by other means - e.g. Asset Management Plans, or infrastructure directly delivered or funded by development.
- 1.7 The GNIP concentrates on the key infrastructure requirements that support the major growth locations (see figure one - Joint Core Strategy Key Diagram) or the overall scale of growth. Individual developments tend to require smaller scale infrastructure that is not detailed here. Section 4 provides an overview of progress expected in the next few years on significant sites.

¹ The GNIP evolved from the previous Local Investment Plan and Programme to provide a more focused delivery plan.

- 1.8 Many elements of key infrastructure can be implemented incrementally to reflect emerging patterns of growth. This includes enhancements to public transport corridors to deliver the key components that contribute towards the delivery of a Bus Rapid Transit network, elements of the green infrastructure network and extensions to cycle routes.
- 1.9 The GNIP provides greater detail on the schemes for delivery in the shorter term. It does not seek to fundamentally review or re-prioritise agreed infrastructure, but is a means of refreshing and managing the strategic programme, keeping it up to date and fit for purpose.
- 1.10 However, as time moves on and projects evolve, some differences with previous work may be noted. This is because:
- Project titles can change to better reflect the details of the proposals.
 - A project can support more than one topic, for example a cycle route can be both green infrastructure and transport infrastructure.
 - The expected timing of infrastructure delivery can change, for example to reflect updated assumptions on the timing of the development it is intended to support, or because funding has become available.
 - Significant changes in timing can alter the nature of any solution and the capacity of existing infrastructure to support growth can have changed in the interim.

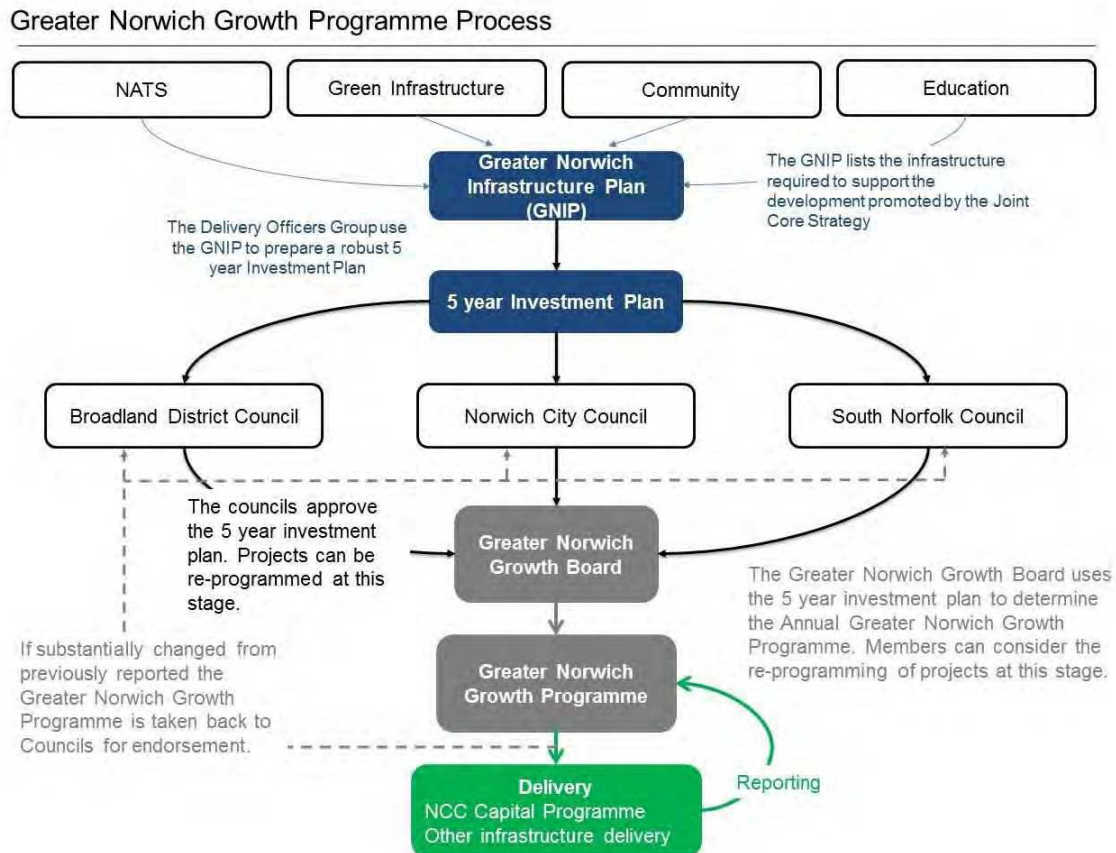
Figure 1: Key diagram



2. Funding sources and delivery planning

- 2.1 In December 2013, Broadland, Norwich City, Norfolk County, South Norfolk councils and the New Anglia LEP signed a City Deal with central government. A core theme supports infrastructure delivery to accelerate planned growth.
- 2.2 The City Deal identifies a £440m infrastructure investment programme developed from the JCS Infrastructure Framework. The councils, with the LEP, have put in place pooled funding and governance arrangements to manage timely delivery of the programme.
- 2.3 Estimates for the total forecast amount of CIL collected over the plan period have reduced over previous years, in part due to the increase in exemptions granted. The GNGB are considering undertaking a review of CIL which would in part consider forecasting. It must be noted that some estimates have been made for inflationary increases in CIL forecasts and infrastructure costs although this is not across the full spectrum of projects presented in the GNIP. The funding gap is likely to close as other funding streams are secured.
- 2.4 The GNIP provides the longer term context to inform short term investment plans and funding decisions. The councils manage the 5-year Infrastructure Investment Plan and Annual Growth Programme collectively, identifying projects for delivery and packages of funding. There is a collaborative approach to funding the programme through pooling of the Community Infrastructure Levy, Local Growth Fund, use of mainstream funding, identification of other funding such as pooled business rates or New Homes Bonus, and, where required and agreed, the use of borrowing. The Greater Norwich Growth Board manages the risks to delivery and provides a robust means of agreeing ongoing priorities.
- 2.5 The GNIP Infrastructure Framework looks over longer term and tends to identify the earliest date on which a piece of infrastructure can be delivered taking account of broad indications and reasonable assumptions of funding availability. The 5-year Infrastructure Investment Plan and Annual Growth Programme take a shorter term view and consequently prioritise schemes based only on known funding sources or those with a high degree of certainty.
- 2.6 Local communities will retain 15% of Community Infrastructure Levy contributions to deliver schemes within their area (25% where there is a Neighbourhood Plan in place).

Figure 2: Greater Norwich Growth Programme process



Progress on delivering key infrastructure

- 2.7 The Northern Distributor Road, officially named the 'Broadland Northway' is now open from the A1067 Fakenham Road to the A47 at Postwick.
- 2.8 A major improvement at Thickthorn junction to address existing and future congestion problems has been included in the Highways England A47 corridor improvement programme. The scheme is estimated to cost £25-50m with a construction period 2020-22.
- 2.9 Delivery of the Transport for Norwich (TfN) programme, formerly The Norwich Area Transportation Strategy Implementation Plan, is a New Anglia Strategic Economic Plan priority and remains a priority in the new Norfolk and Suffolk Economic Strategy. The New Anglia Growth Deal announced in July 2014, and the more recent (February 2015) Growth Deal 2 announcement, confirmed Local Growth Funding of £13m for scheme delivery from 2015- 2020. Final sign-off of the funding will be made by the New Anglia LEP Board. The Local Transport Body has been set up across Norfolk and Suffolk to provide advice to the LEP Board and manage central government funding devolved to the LEP for transport schemes.
- 2.10 The Norwich Area Transportation Strategy, which has now been rebranded the TfN strategy, is a New Anglia Strategic Economic Plan priority. £13m has been allocated by the LGF and £10.1M from the Department for Transport's

City Cycle Ambition Grant (CCAG) fund to deliver transport infrastructure schemes within the TfN area for the period 2015-2020. In addition to this there are confirmed allocations of £1.4M CIL and £0.4M S106 to supplement the LGF and CCAG funding.

- 2.11 To date this funding has delivered public realm improvements with associated pedestrian and cycle benefits in the city centre at Westlegate, a much enhanced roundabout at Dereham Road I Guardian Road which improves journey times for all modes, significant parts of the Blue and Yellow pedalways and a public transport interchange at the UEA.
- 2.12 The implementation of a cycleway from Wymondham to Hethersett is currently under construction and work will shortly begin to implement a traffic management and public realm improvement scheme in Prince of Wales Road and Rose Lane which will provide quicker and more direct journeys whether on foot, by bike or in a bus or car. Also planned is a scheme to improve capacity for all vehicles at the A11 Newmarket Road I A140 Daniels Road roundabout on the outer ring road and a public transport interchange at Roundhouse Way.

3. Key Infrastructure

There are a range of topic based mechanisms for the delivery of infrastructure, including plans and strategies with their own objectives, priorities and implementation plans. The GNIP is guided by these topic plans and processes and also influences them to meet needs arising from emerging growth pressures. The GNIP's main focus is on green infrastructure, transport, schools and community facilities such as libraries, sports, recreation and Neighbourhood Plan priorities. This section of the report also includes other infrastructure which is required to support growth but is funded and delivered by other means and does not feature in the Infrastructure Framework. Work on utilities infrastructure and capacity constraints is ongoing.

Green Infrastructure

- 3.1 A Green Infrastructure Delivery Plan was produced in 2009 focusing on the two main geographical areas identified for significant development: South West and North East Norwich. It identifies a number of schemes or projects to contribute to the protection and enhancement of the strategic green infrastructure network and continues to inform delivery
- 3.2 However, the understanding of need and prioritisation is always under revision and as information becomes available, projects are refined and re-prioritised. The projects in the Greater Norwich Infrastructure Plan are based on the need to mitigate the potential impacts on Natura 2000 sites under the Habitat Regulations and an understanding of the timing of development served by the identified green infrastructure corridors.

Transport

- 3.3 Provision is guided by the Norwich Area Transportation Strategy (which is currently under review and is to be termed the Transport for Norwich strategy) and its implementation plan developed alongside the Joint Core Strategy. The proposals in the Implementation Plan (updated in 2013) include:
 - plans for improving transport and accessibility in the city centre
 - improving the cycling and walking network across Norwich
 - further improvements to rail and bus services building towards a Bus Rapid Transit system for the city
 - capacity improvements to the A47 Postwick interchange (Postwick Hub)
 - delivering the Northern Distributor Road (Broadland Northway)
 - taking additional steps to improve traffic flows in the area
- 3.4 A number of elements in the Implementation Plan are directly related to the delivery of growth, such as Bus Rapid Transit routes associated with major growth locations. Implementation is kept under review to reflect housing and employment delivery and the availability of further funding.
- 3.5 The transport strategy is currently being reviewed alongside a review of the Greater Norwich Local Plan.

Schools

- 3.6 The County Council is responsible for ensuring sufficient school places are provided and works with a variety of providers. Growth can often be accommodated through expansion of existing schools but new schools are also required to serve large scale growth. Funding comes from mainstream capital funding, S106 and CIL. The County Council develops a capital programme which is reflected in this GNIP.

Waste and recycling

- 3.7 Household waste is collected by Norfolk's local authorities but Norfolk County Council has responsibility to dispose of the waste which cannot be recycled and providing Household Waste Recycling Centres.
- 3.8 Norfolk County Council also has responsibility for planning to ensure that there is adequate capacity to deal with waste produced from commercial and industrial, construction and demolition, and hazardous waste.
- 3.9 There are currently seven Household Waste Recycling Centres in the area. A replacement site for Norwich's Mile Cross Recycling Centre is required from 2021. Additionally, housing growth in the area will place pressure on existing facilities, which may require a combination of new or improved facilities to meet future demand.

Police, Ambulance and Fire services

- 3.10 Development will be well designed, to include safe and accessible space where crime and fear of crime are minimised. Access to police services will require new local facilities in major growth locations. In this regard, Norfolk Constabulary has indicated the need for a new facility in the vicinity of Postwick junction.
- 3.11 Additional ambulance service capacity is expected to be met through a reorganisation of existing provision and the use of strategically located stand-points or facilities at hospitals, with limited impact on capital expenditure.
- 3.12 Fire appliances must be based at stations for most of the time. The existing fire stations across the area are well positioned in relation to the strategic growth locations and are expected to provide the necessary levels of service.

Health Care

- 3.13 Health care facilities and the infrastructure needed to promote healthy lifestyles are required. The precise scale and nature of the facilities required will be dependent on the evolving nature of healthcare provision and will be kept under review.
- 3.14 NHS England continue to engage with the GNGB partners about the need for health and social care facilities, including potential facilities at Old Catton/Sprowston and Rackheath, and the expansion of existing facilities elsewhere.

Community infrastructure

- 3.15 Parishes will receive 15% of the CIL to deliver community infrastructure projects that they deem necessary to support growth in their area. This rises to 25% where there is an adopted Neighbourhood Plan. Broadland District Council and South Norfolk Council continue to engage with parishes about the delivery of infrastructure, including how this relates to the development and implementation of Neighbourhood Plans. In the Norwich City Council area there are no parishes and the council will be consulting directly with communities.

Libraries

- 3.16 The County Council has a statutory responsibility to provide a comprehensive and efficient library service. New housing development may be served by a new library building or mobile services, improving or extending the current provision to provide extra capacity. Using Community Infrastructure Levy (CIL) funding the library service has used technology to extend the opening times of a number of sites to 69 hours per week covering 7 days. Of the 21 sites 8 are or will be open for longer as a direct result of CIL funding. Creating extra capacity for people to use public libraries.

Recreation

- 3.17 Recreational facilities are provided and maintained by a number of different organisations, both public and private. Additional recreational facilities required to serve growth will be provided on-site on larger new developments and through improvements to existing facilities. Evidence from a playing pitch and built sports facilities strategy led to the development of a prioritization process which is overseen by a sport and leisure implementation group, assisting sports facilities providers in accessing grant funding.

Housing

- 3.18 The Joint Core Strategy policy target for delivery of affordable housing is 33% of total housing delivery. Affordable housing will continue to be negotiated on a site by site basis alongside other direct development requirements. As strategic infrastructure is funded from pooled sources, negotiations on Affordable Housing provision do not directly impact on delivery of the Strategic Infrastructure programme.

Electricity

- 3.19 The partners continue to work with UK Power Networks and Local Energy East to explore mechanisms to ensure the cost of electricity infrastructure is shared proportionately between planned developments. No significant barriers to the delivery of required infrastructure have been identified, there are some localised areas with a current shortage of capacity for future growth, such as the Norwich Research Park (NRP) and parts of the Cambridge Norwich Tech Corridor which are being reviewed as part of the Greater Norwich Power infrastructure project.

Gas

- 3.20 Limited improvements to gas infrastructure are required across the area and do not provide a constraint.

Water

- 3.21 Long term water resources are under increasing pressure from a rapidly growing population, climate change and environmental needs. This requires a twin track approach of making the best use of available water through water efficiency measures before investing in new water supply capacity
- 3.22 Anglian Water's "Water Resource Management Plan 2015" (WRMP) covers the period 2015 to 2040. Some £25.6m is being invested in the Norwich and the Broads water resource management zone during the period 2015-20 to deliver a relocation of the water extraction point on the River Wensum, improve water efficiency and enhance metering. Further investment is proposed post-2030 to resolve longer term issues. The plan also identifies additional options for maintaining the supply-demand balance should the future deficit significantly exceed current expectations.
- 3.23 A plan which will extend the timeframe to 2045 and replace the above is being developed. The "preferred option" in the [draft 2019 WRMP](#) for maintaining the supply-demand balance is to focus on demand management measures, with water transfers from the Norwich and the Broads zone to neighbouring areas.

Waste Recycling (waste water)

- 3.24 To keep pace with growth in the area, several water recycling centres (sewage treatment works) will require enhancement to ensure they continue to operate within environmental limits. The timing of these investments, including lead-in times, will be aligned to the phasing of development.
- 3.25 Anglian Water are preparing the first 25 year Water Recycling Long Term Plan to set out the strategy for meeting growth while protecting sites that rely on high water quality, including the Broads. The plan will provide an important evidence base for informing development proposals. The partners are working closely with Anglian Water to identify ensure infrastructure is provided in a timely manner to serve development.

Table 1: Sewerage investment required to support major growth

Broadland : North East Growth Triangle	A new strategic sewer to Whitlingham would use existing way leaves on the route of the existing sewer and can be upgraded in sections. Delivered by developers and Anglian Water through requisition order process.
Norwich : Three Score, Bowthorpe South Norfolk : North Hethersett; Costessey, Lodge; Farm, Easton	Yare Valley sewer upgrade
Long Stratton	Strategic sewer

Flooding

- 3.26 The great majority of development proposed in the JCS is located in areas with no fluvial/tidal flood risk. Any development proposed in areas of some flood risk (zone 2), will have to provide a flood risk assessment to show how flood risk can be mitigated. This will apply mainly to limited areas of the city centre. In Broadland and South Norfolk, the site allocations documents have actively avoided allocating any new sites with any Zone 2 or 3 floodrisk.
- 3.27 Developers will work with the relevant public authorities to minimise flood risk through a combination of high quality urban design and green infrastructure, as well as use of Sustainable Drainage System.

Telecommunications

- 3.28 Digital connectivity, high speed and reliable broadband infrastructure is critical to economic development. It is also a key component in tackling deprivation and improving access to services amongst disadvantaged and isolated communities.
- 3.29 The "Better Broadband for Norfolk" rollout began in summer 2013 with contract one rollout completed at the end of 2015, at which point access to superfast broadband in Norfolk had doubled, reaching 84%. Contract two was signed in December 2014. This contract will complete at the end March 2020.
- 3.30 The independent Think Broadband website shows the following percentage of properties currently have access to Superfast broadband (24Mbps+):
<http://labs.thinkbroadband.com/local/index.php?area=E10000020>
- Broadland - 91%
 - Norwich - 99%
 - South Norfolk - 87%
- 3.31 By the completion of the Better Broadband for Norfolk rollout access is expected to increase to 97% in Broadland and 91% in South Norfolk.
- 3.32 The Government Better Broadband Subsidy scheme provides access to an alternative broadband solution such as wireless, 4G or satellite for any property with access to a download speed of less than 2Mbps where no upgrade is planned within the next 12 months
- 3.33 By the end of 2020, the Government is introducing a Broadband Universal Service Obligation which will allow residents to request a minimum download speed of 10Mbps.
- 3.34 The County Council considers broadband infrastructure a priority and as further funding becomes available coverage will increase towards an ultimate aim to achieve access for 100% of Norfolk properties.

Mobile voice and data coverage

- 3.35 The County Council is committed to working with mobile network operators to improve coverage.
- 3.36 A mobile voice and data coverage audit was commissioned in January 2018.
- 3.37 The headline results are that where coverage is available the quality of service is good, so there does not appear to be a need to invest in replacing existing equipment. However, there are significant gaps in coverage across all 4 providers such that one call in 5 placed will currently fail.
- 3.38 The County Council will work with the Mobile Network Operators to facilitate early access to council owned assets to help improve coverage as soon as possible.

4. Major Growth Locations

- 4.1 Infrastructure planning reflects the distribution of planned growth illustrated in figure one. Major growth locations which are under construction or likely to start on site in the near future are listed below.

North East Norwich

- 4.2 The North East sector includes the Old Catton, Sprowston, Rackheath Thorpe St Andrew Growth Triangle as well as a number of adjacent developments. It is the largest single growth location in Greater Norwich. Broadland District Council produced an Area Action Plan (AAP) to coordinate planning and delivery across the triangle. The AAP was adopted in July 2016.
- 4.3 The AAP planned for a further 11,600 additional new homes (on top of existing commitments in 2008 of approximately 1,400 homes), a 25 hectare expansion of Broadland Business Park, 25 hectares of new employment land at Rackheath. 30 hectares of new employment land is also planned north of Norwich airport. In addition, planning permissions have been granted for a 40 hectare Aeropark on the north side of the airport, and a 12,750m² office development on the old hospital site at Thorpe St Andrew.
- 4.4 Successful delivery of the Growth Triangle was dependent on the Postwick Hub and the Broadland Northway (previously known as the Northern Distributor Road). Postwick Hub is now complete and Broadland Northway is open to traffic.
- 4.5 Although the AAP was only recently adopted, significant progress has already been made in progressing sites and issuing planning permissions in the Growth Triangle:
- 5,800 dwellings have planning permission;
 - 1,200 further dwellings are subject to a Council resolution to grant planning permission.
 - planning applications have been lodged for a further 750 dwellings
- 4.6 While delivery will span a number of years, many of the identified sites are expected to be on site within the next 3 years. Emerging developments in the north east sector as a whole are summarised in table two:

Table 2: North East sector - significant sites for early delivery

Site/ Location	Development	Status	Expected start
Norwich International Airport	Aeropark 40ha aviation related business development	Permitted	
Land East of Buxton Road (Spixworth)	225 New Homes (minimum) Reserve Matters Application Submitted	Permitted	2018/19
Home Farm, Sprowston	164 Homes (73 built as of 1 April 2018)	Permitted	Commenced
Beeston Park (North of Sprowston and Old Catton)	3,520 dwellings, employment, shops, services, cafes, restaurants and pubs, a hotel, two primary schools, community space	Permitted	2018/19
White House Farm (Sprowston)	1233 dwellings dwellings (435 built as of 1 April 2018), a link road, a primary school, and a large woodland park	Permitted (pre-CIL)	Commenced
Land Adj. Salhouse Road (Rackheath)	79 dwellings and ancillary works	Permitted (pre-CIL)	Commenced
Brook & Laurel Farms including Broadland Business Park North (Thorpe St Andrew)	600 dwellings, 14.6ha of employment land and local centre plus a link road between Plumstead Rd and BBP.	Permitted (pre-CIL)	2019/20
Broadland Business Park South (Thorpe St Andrew)	Remainder of allocation (5 ha undeveloped)	Remainder of allocation	Commenced
Broadland Gate (Thorpe St Andrew)	c18ha of employment land associated with the Postwick Hub junction	Permitted Junction Complete	Commenced
Former northside hospital (Thorpe St Andrew)	12,750m ² office development	Permitted existing buildings demolished	

Site/Location	Development	Status	Expected start
Repton Avenue, Old Catton	Mixed Use Development of 340 Residential Dwellings with 5,640 sqm of Small Business Units (Outline)	Permitted - Self Build Units under construction	2018/19
Pinebanks - (Thorpe St Andrew)	231 dwellings	Permitted	2018/19
Griffin Lane - (Thorpe St Andrew)	71 dwellings & community building	Permitted	2018/19
Land South of Green Lane East, Rackheath	157 Dwellings together with Associated Access, Open Spaces & Infrastructure (outline)	Application Submitted	2018/19
Land South of Salhouse Road, Sprowston	Proposed development comprising a minimum of 803 dwellings with associated infrastructure; site for a new primary school; land for a Bus Rapid Transit (BRT) scheme; a section of orbital link road; retained areas of woodland and creation of open space (Outline)	Resolution to Grant Planning Permission	2018/19
Land South of Salhouse Road, Sprowston	Outline planning application for the erection of up to 380 dwellings with new vehicular, cycle and pedestrian access from Salhouse Road and new pedestrian and cycle access from Plumstead Road. The provision of open space, sustainable urban drainage systems; associated landscaping, infrastructure and earthworks	Resolution to Grant Planning Permission	2019/20
Land off Green Lane West, Rackheath	Residential Development of 50 units (Outline)	Resolution to grant Planning Permission	2019/20
Land North of Smee Lane, Great Plumstead	Development of up to 272 residential dwellings, 2ha site for Primary School, Public Open Space and associated infrastructure. Separate application submitted on allocation site for further 11 Self-Build Units.	Application Submitted	2020/21

4.7 The original delivery trajectory and infrastructure delivery profile was developed to support a strong start within the Triangle. This remains the case.

Norwich City

- 4.8 The city is unique as a growth location as the majority of the commitment of 8,600 dwellings will be delivered on many smaller sites within the existing urban area. Some of the more significant sites with early delivery are identified in table three below. The largest site, for 1000 dwellings at Bowthorpe, and developments at UEA are included under the South West Sector as they will share some of the same infrastructure.

Table 3: Norwich City - significant sites for early delivery

Site/ Location	Development	Status	Expected start
City Centre			
St Ann's Wharf, King Street	Mixed use of 437 dwellings plus retail & leisure	Permitted	Commenced
Mountergate West	Scope for mixed development of the site is being revisited. Likely to include residential plus employment.	Allocation	2020/21
Anglia Square	1250+ dwellings, hotel, retail and commercial, cinema, multi-storey car parks, place of worship and associated works to the highway and public realm	Submitted	2020/21
Muspole Street	57 dwellings previously permitted. Under new ownership	Pre - application advice given	2018/19
Barrack Street	Mixed use office (20,500sqm), shop units, hotel and 200 dwellings	Permitted	Part implemented
Edge of centre (Dereham Rd corridor)			
Goldsmith Street	105 dwellings in total, 12 of which are currently on hold	Permitted	93 dwellings due to be complete Oct 18
Edge of centre to south east sector			
Carrow Quay	250 dwellings	Permitted	Commenced
Lakenham Sports Club	75 dwellings	Permitted	Complete
North west sector (Fakenham Rd corridor)			
Havers Road	100 dwellings	Allocated	2018/19

- 4.9 These sites generally only require improvements to provide open space requirements and access but do pressure the city wide transportation networks and education provision. Education, transport and green infrastructure projects are required across the city to meet current development rates, although because of the area wide nature of many of these improvements development is not directly dependent on infrastructure delivery.

South West

Table 4: South West sector • significant sites for early delivery

Site/ Location	Development	Status	Expected start
Threescore-Bowthorpe	1000 dwellings, plus housing with care	Permitted (pre-CIL)	Care home completed 2016, phase 2 housing delivery now underway
Bartram Mowers, Bluebell Road	Accommodation for the elderly (blocks with 62 rooms and 60 dwellings)	Underway	Partially complete
Norwich Research Park EZ (Colney)	25 ha available for expansion, with outline permission. Centrum, Bob Champion and Leaf Systems Buildings completed. Quadram Institute Bioscience is due to open Summer 2018. Phase one infrastructure in Zone 4 is underway.	Permitted	Underway
Roundhouse Park (Cringleford)	Approx.60 dwellings remaining (total 999 dwellings). Site includes Cringleford Primary School, the Willow Centre and new commercial units.	Permitted (pre-CIL)	Underway
Newfound Farm (Cringleford)	Up to 650 dwellings (Barratts). Reserved matters application expected shortly.	Permitted	2018/19
Land north and south of A11 (Cringleford)	Up to 650 dwellings (outline permission). Variation of consent to split site into two parcels. £5.5m HIF bid to support upfront infrastructure on the site and support development by SME builders.	Permitted	2018/19
North village (Hethersett)	Approx. 1,065 dwellings remaining (total 1,196 dwellings) Includes new primary school site and space for local facilities.	Permitted (pre CIL)	Underway
Gt Melton Rd (Hethersett)	Approx. 20 dwellings remaining (total 151 dwellings)	Permitted (pre-CIL)	Underway
South Wymondham (inc. BOCM Paul & Sale Ground)	Approx. 1,200 dwellings remaining (total 1,308 dwellings). Includes provision of new primary school site.	Permitted (pre-CIL)	Underway

Site/ Location	Development	Status	Expected start
North-west Wymondham (Norwich Common, Carpenter's Barn, Spinks Lane, Wymondham RFC site)	Approx. 790 dwellings remaining. (total 1338 dwellings)	Permitted (some pre-CIL, some post-CIL)	Underway
Land adj Gonville Hall, Wymondham	Up to 320 dwellings granted outline planning permission on appeal in September 2016.	Permitted	2018/19
Browick Road, Interchange	Allocation of 15ha (net) of B1, B2, B8 employment land. Awaiting planning permission to be submitted.	Allocated	2018/19
Queens Hills (Costessey)	Approx. 120 dwellings remaining (total 1,881 dwellings) Site includes Queens Hills Primary School, West Costessey Hall community center and potential for local commercial facilities.	Permitted (pre-CIL)	Underway
West of Lodge Farm (Costessey)	Approx. 325 dwellings remaining (total 509).	Permitted (pre-CIL)	Underway
Longwater (Costessey)	6,660m ² major retail development for Next and recent application submitted on adjacent land for TK Maxx.	Completed	Completed in 2015/16 and open
Easton	893 dwellings granted outline planning permission in autumn 2016,	Permitted	2018/19
Hethel Technology Park	20ha of Greenfield land located next to Hethel Engineering Centre. The initial development will deliver circa 50,000m ² or workshop (80%) and office space (20%)	Market assessment and Masterplan in place	TBC

- 4.10 The South West includes four major growth locations in South Norfolk, Wymondham, Hethersett, Cringleford and Easton, plus Three Score (Bowthorpe) in Norwich. It also includes UEA (Norwich) and the strategic employment locations at Longwater, Hethel, Wymondham and Norwich Research Park.
- 4.11 Collectively the growth at Wymondham, Hethersett, Cringleford and the NRP is dependent on improvements at the A11/A47 Thickthorn junction and

public transport corridor enhancements. Major improvement at Thickthorn is included as a commitment in the Government's Road Investment Strategy Investment Plan with construction currently timetabled for a 2020 start and the improvements completed in 2022.

- 4.12 Similarly, growth at Easton and Costessey is served by investment in the A1074 Dereham Rd public transport route and improvements at Longwater junction. The A47 Easton junction will be affected by proposed dualling of the A47 between Easton and North Tuddenham which is also a commitment in the Road Investment Strategy Investment Plan.

Long Stratton

- 4.13 There is a long-standing need for a bypass to:
- significantly enhance the function of the A140 (recently identified as a potential element of the Government's Major Road Network);
 - improve quality of life for existing residents;
 - and facilitate further growth in the village.
- 4.14 The delivery of a bypass is a prerequisite for planned JCS growth. The Long Stratton Area Action Plan, which includes the bypass and 1,800 homes (alongside employment and other infrastructure) was adopted in May 2016; this requires the bypass to be delivered by the 250th new dwelling (unless viability information demonstrates that a higher threshold is necessary and that the highways impacts of a higher figure would not be unacceptable). Two planning applications to deliver the AAP levels of housing and employment were submitted in February 2018, one of which includes the bypass in detail. With one of the planning applications including detailed housing proposals, development is expected to start in 2019/20.

Elsewhere in the Norwich Policy Area

- 4.15 In addition to the major growth locations, the JCS seeks additional commitment for about 3800 homes on smaller sites in the Broadland and South Norfolk parts of the Norwich Policy Area. These sites are identified through sites allocations documents, and many of the sites have already secured planning permission. Recent permissions have also included speculative applications taking advantage of the lack of five year housing supply. Local infrastructure enhancements may be required for these sites and secured through Section 106 legal agreements. Cumulative impacts of small sites are hard to predict and it is likely that improvements will be driven by the pressure on services and facilities. These do not appear in the short term but will be kept under review. These kind of developments are detrimental to the effective planning and timely delivery of infrastructure across Greater Norwich, and can contribute to delays in the delivery of planned growth on more "challenging" (but allocated) sites which may require higher levels of infrastructure (and which may also have higher levels of development risk).

- 4.16 Some of the larger sites, or particular concentrations of smaller sites, may influence decisions on strategic infrastructure:
- Development at Blofield and Brundall will benefit from some of the strategic infrastructure serving the north east quadrant.
 - Although of a smaller scale than in the north east and south west quadrants, significant concentrations of growth are planned in the north-west, on the Fakenham Road axis, and in the south east from the edges of the city centre out towards Poringland.

Table 5: other significant sites for early delivery:

Site/ Location	Development	Status	Expected start
Golf Gourse (Hellesdon)	Outline permission for up to 1,000 homes, including detailed proposals for the first phase of 110 dwellings, associated infrastructure including up to 2ha of land for a primary school site, 75sq m for 01 use (health facility) and up to 15.45ha for informal and formal open space plus off-site highway works	Permitted	2017/18
Hospital site	300 dwellings	Allocation	2018/19
Gator Lane / Hall Road	250 dwellings	Permitted	2018/19
Various 8lofield / 8rundall)	Over 500 dwellings	Permitted	Underway
Various Framingham Earl / Poringland	Approx. 840 dwellings remaining (total 994 dwellings)	Permitted	Underway
Long Stratton	1800 dwellings plus 9.5ha employment land and associated bypass	Allocated and application	2017/18
Various Long Stratton /	170 dwellings	Permitted (pre-GIL)	Underway
Long Stratton/Tharston	2.5 ha employment land at Tharston Industrial Estate	Emerging allocation	2016/17
Keswick	81, 82, 88 – approx. 9 ha	Part allocated, with outline permission for larger site	2018/19

Outside the Norwich Policy Area

- 4.17 Outside the Norwich Policy Area the scale of planned growth is modest and in most instances is currently not identified to require anything other than development specific improvements likely to be secured through the planning process. Infrastructure requirements will be kept underreview.

Transport

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost (£,000)	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Spend profile £1000s								
									2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
T1	Broadland	NDR					DfT, £40m CIL		46,220	5,670	1,700						
T3	South Norfolk	Long Stratton Bypass inc. Hempnall Crossroads and town centre improvements		30,000	30,000	15,000	Developer	15,000	1,000	7,250	15,500	6,250					
T4	South Norfolk	Thickthorn	Scheme development				HA Capital	0				x	x				
T4.2	South Norfolk	Thickthorn park and ride expansion	Land secured from S106. Discussions ongoing with Highways England regarding delivery options as part of wider Thickthorn junction works	tbc	tbc	tbc											
T5	South Norfolk	Longwater															
T5.1	South Norfolk	Longwater Scheme Development	Works underway. Tree clearance completed	2,000	2,000	2,000	LGF		500								
T5.2	Norwich South Norfolk	Green pedalway including Longwater pedestrian/cycle bridge	Feasibility completed on the Green pedalway as a whole. Schemes identified.		6,000			6,000		x	x	x					
T6	South Norfolk	Norwich Research Park expansion, B1108 and other transport improvements	NRP expansion permitted and under construction	13,000			Government grant, S106, NRP										
T7	Norwich	City Centre Measures															
T7.4	Norwich	Exchange Street closure	Feasibility needed for this to progress														
tbd	Norwich	Prince of Wales Road highway and sustainable transport improvements	Construction set to start late-2018 and complete 19/20	2,600			LGF / County Funds		211	1430	900						
tbd	Norwich	St George's Plain	Funds assumed to be supplied entirely by developer in association with St Georges Works	300		300	DEV	0			75	225					
tbd	Norwich	St Mary's Plain	If LEP funds diverted from Prince of Wales Road (tbc soon) then project can commence in 2017/18.	780		280	DEV/CIL	500		100	680						
tbd	Norwich	Tombland	Works on northern end of Tombland completed. Feasibility work underway for southern end.	1,750		0	CIL	1,750			1,000	1,000					
Also in GI sheet	Norwich	East Norwich Gateway (formerly Whitlingham bridges and links)	Probable that Norwich City Council will promote using LIF funding. However this is dependent upon funding feasibility work	tbc			Developers, LIF, CIL		1,000	100	x	x	x				
	Norwich	Green pedalway city to Barnard Rd	Feasibility work on Green pedalway completed.				LGF / CIL			100	1,000	2,200					
T8	Broadland	Fakenham Road/Drayton High Road (including BRT and cycling)															
	Broadland Norwich	Fakenham Rd BRT Feasibility (Scheme Identification) - revenue	Feasibility needed		30	30		30									
T9	Norwich South Norfolk	Dereham Road Sustainable Transport Corridor (including BRT and cycling)															
T9.1	Norwich	Sweetbriar road/Guardian road/Dereham road- junction improvement	Scheme to be complete June 2018		1,545	1,600			x	x							
T10	Broadland Norwich	Yarmouth Road Sustainable Transport Corridor (including BRT and cycling)		10,000													
T10.1	Broadland Norwich	Yarmouth Rd Sustainable Transport Corridor Scheme Identification (BRT/Green Pedalway)			20	20	LGF		20								
T10.2	Broadland Norwich	Phase 1 Delivery			tbc	tbc											
T10.3	Broadland Norwich	Phase 2 Delivery			tbc	tbc											
T11	Broadland Norwich	Salhouse Rd Sustainable Transport Corridor (including BRT and cycling)															
	Broadland Norwich	Salhouse Rd Sustainable Transport Corridor Scheme Identification (BRT/Pink Pedalway)	See comment below		30	30	NCC Revenue										
	Broadland Norwich	Salhouse Rd Corridor Scheme delivery Phase 1	Works revised to concentrate on Plumstead Road roundabout to facilitate access to housing		400	400	LGF/CIL										
		St Clements Hill Toucan Crossing and associated works	Works completed March 2018														
		School Lane/ Chartwell Road/ Denton Road Toucan Crossing and associated works (Blue Pedalway)	Project abandoned following feasibility study		120	120	CIL										
		Repton Avenue Feasibility	Feasibility completed. Scheme deferred until later-2018		20	20	LGF										
T12	Broadland Norwich	A140 Sustainable Transport Corridor (including BRT and cycling)															
T12.1	Broadland Norwich	A140 Corridor scheme identification including analysis between City Centre and Harford (BRT/Yellow Pedalway)	Feasibility work underway looking at opportunities for bus priority and improved pedestrian and cycle facilities along the A140 between the Airport and City Centre. Works planned for 18/19		560	560	LTP/CIL		60	500							
	Norwich	Airport Industrial Estate		4,100				4,100		x	x						
										x	x						
T13 and T14	Norwich South Norfolk	A11/B1172 Sustainable Transport Corridor (including BRT and cycling)		6,560													
T13 and T14	Norwich South Norfolk	A11 sustainable transport corridor scheme identification (BRT/Pink Pedalway)			60	60	NCC Revenue										
T13.1	Norwich South Norfolk	Roundhouse Way Bus Interchange	Under development, land issues slowing progress		550	50	LGF/CIL			50	500						
T13.2	Norwich South Norfolk	Eaton interchange	Works in Eaton to be undertaken Summer 2018		600	600	LGF/CIL			600							
T14.1	Norwich South Norfolk	B1172 Bus/Cycle enhancements	See comment below relating to cycle link extension to Wymondham		250	250	LGF/CIL										
	Norwich South Norfolk	A11/ORR Daniels Road junction improvement and cycle lanes	Feasibility Work underway		1,650	1,650	LGF		50	750	850						
	Norwich South Norfolk	Cycle link extension to Wymondham	Construction underway. Will be delivered in 4 phases. All works to be complete late-2018. Works started 16/17		1,300	1,300	LGF		300	750							
	Norwich South Norfolk	Eaton Centre to Newmarket road south slip road cycle facilities	Works completed 2017		300	300	LGF										
	Norwich South Norfolk	A11 north slip road to Cringleford cycle track	Works completed 2018		50	50	LGF										
T15	Broadland	Growth Triangle Internal Link Road				14,350	Developer		2,350	4,850	-	-	-	-			
T15.1	Broadland	East West Link Road: BBP to Plumstead Rd	Delivered through development (BFLF)		6,000	6,000	S106/S278	-		3,000							
T15.2.1	Broadland	East West Link Road: Plumstead Road Junction and North Bound Spur	Scheme Development		400	400	LGF/CIL	-	x								
T15.2.2	Broadland	East West Link Road: Plumstead Rd to Salhouse Rd	Delivered through development (Land South of Salhouse Rd)		TBC		TBC	TBC		x	x						
T15.3	Broadland	East West Link Road: Salhouse Rd to Wroxham Rd	Delivered through development (WHF)		3,250	3,250	S106/S278	-	x								
T15.4	Broadland	East West Link Road: Wroxham Road to B1150	Delivered through development (NS&OC)		TBC		S106/S278	TBC				x	x				
T15.5	Broadland	East West Link Road: North Walsham Road to Buxton Road	Delivered through development (NS&OC). LIF bid agreed in principle		3,700	3,700	LIF - developer	3,700		1,850	1,850						
T15.6	Broadland	East West Link Road: Buxton Road to St Faiths Road	Delivered through development (NS&OC).		TBC		S106/S278	TBC		x							
T15.7	Broadland	East West Link Road: St Faith's Road to Airport Industrial Estate	Brief Agreed. Feasibility Underway		TBC	1,000	S106/S278/CIL	TBC		500	500						

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost (£,000)	Total Estimated Scheme Cost	Contributory funding (£,000)	SOURCE	Funding need
TIS.8	Broadland	Cycle Links Plumstead Road to Green Lane Crossing	Delivered through development (Land South of Salhouse Rd)		TBC		SI06/S278	TBC
TIS.9	Broadland	Cycle Links Plumstead Road to Salhouse Road	Delivered through development (Land South of Salhouse Rd)		TBC		SI06/S278	TBC
TIS.I0	Broadland	Cycle Links NS&OC Wroxham Road junction to WHF Road Link Junction	Requires Project Brief / Feasibility		TBC		CIL /Other	TBC

Green Infrastructure

[illegible]

Ref	District	Project/Scheme Description	GI Priority Area	Status	Total Estimated Scheme Cost	Contributory funding (£,000)	SOURCE	Funding need (£,000)		
									2017/18	2018/19
GI P9.4.10	Broadland	Great Plumstead Open Space I Community Orchard	East Broadland GI	Project Development	25	0	CIL	25		
GI P9.4.11	Broadland	South Walsham GI Project	East Broadland GI	Project Development	150		CIL	150		
GI P9.4.12	Broadland	West Brundall GI Project	East Broadland GI	Project Development	425		CIL	425		
GI P9.4.13	Broadland	South East Lingwood GI Connectivity	East Broadland GI	Project Development	25		CIL	25		
GI S.1	Broadland	Brundall to Acle Green Network	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.2	Broadland	Lenwade to Hevingham Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.3	Broadland	Haverlingland to Cawston Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.4	Broadland	Broadland East to West Secondary Corridor Via Marsham	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.5	Broadland	Buxton Heath to Aylsham Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.6	Broadland	Hevingham to Thorpe Marriott Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.7	Broadland	Catton Park to Spixworth Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.8	Broadland	Beeston Park to Spixworth Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.9	Broadland	Thorpe Woodlands to Broadwalk Plantation Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.10	Broadland	Thorpe Woodlands to Dobbs Beck (Via Harrisons Plantation) Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.11	Broadland	Thorpe Woodlands to Dobbs Beck (via Rackheath Park) Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.12	Broadland	Thorpe Woodlands to Witton Run Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
GI S.13	Broadland	Thorpe Woodlands to Smee Lane Secondary Corridor	GNGB Secondary Corridors	Requires project brief I feasibility			CIL			
	Broadland	South Walsham Fen Access	East Broadland GI		35		CIL	35		
	South Norfolk	Boudicca Way: Access for all	GNGB Secondary Corridors	Project Development			CIL			x
	South Norfolk	Boudicca Way cycle route	GNGB Secondary Corridors	Preliminary design work	23	includes 15% management cost	CIL	23		
	South Norfolk	Boudicca Way links to development	GNGB Secondary Corridors	Preliminary design work	17	includes 15% management cost	CIL	17		
	Area-wide	MW: Biodiversity Management with Community Engagement	Marriott's Way and the Wensum	Ready to commence delivery	160	£4k secured from Norwich Fringe Project, £15k HLF confirmed, £30k sought from Nfk Biodiversity Partnership	CIL I Other	101		45
	Norwich	MW: Inner Ring Road crossing	Marriott's Way and the Wensum		250		CIL I other	250		40
	Broadland South Norfolk	MW Signage to Link Marriott's Way to the Adjacent Communities	Marriott's Way and the Wensum		20	HLF bid for £10k	CIL I other	10		20
	Norwich	MW: Hellesdon Station Area	Marriott's Way and the Wensum		210		CIL I other	210		
	Broadland	MW: Aylsham Gateway	Marriott's Way and the Wensum		30		CIL I other	30		
	Broadland	MW Surfacing Works (Tesco's)	Marriott's Way and the Wensum		85	Tesco Bags of Help scheme being explored	CIL I other	85k estimate		85
	South Norfolk	MW: Trim Track - Costessey	Marriott's Way and the Wensum		10		CIL	10		
	Broadland South Norfolk	MW: Crossing Points Improvement Project	Marriott's Way and the Wensum		89	HLF bid for £10k	CIL I other	79		89
	Broadland	MW: Reepham surfacing and biodiversity	Marriott's Way and the Wensum		100		CIL I other	100		
	Broadland	MW: Crossing over Taverham Road in Drayton	Marriott's Way and the Wensum		100		CIL I other	100		
	Broadland Norwich	MW: Walking and Cycling Link to the Red Pedalways Route from the Proposed Royal Norwich Golf Club Development – Feasibility Plan	Marriott's Way and the Wensum	Feasibility - £20k			CIL I other			
	Norwich	Bishops Bridge to Whitefriars	Norwich - Wensum Parkway	Emerging from Wensum Strategy work	50		CIL I Other	50		
	Norwich	Carrow Bridge to Ber Street Woodland (Previously Boom Towers)	Norwich - Wensum Parkway	Emerging from Wensum Strategy work	750	HLF to be explored	CIL I HLF	750		
		Marriott's Way 2 Way to the River, Boudicca Way, Accessible Cycleway, Marriott's Way 1, Thorpe Woodlands to Dobbs Beck (via Rackheath Park) Secondary Corridor								

Ref	District	Project/Scheme Description	GI Priority Area	Status	Total Estimated Scheme Cost	Contributory funding (£,000)	SOURCE	Funding need (£,000)		
									2017/18	2018/19
Projects expected to be delivered by development										
GI P1.7	Broadland	North Sprowston and Old Catton GI Linkages - Focus on Church Lane	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Requires Project Brief			Dev (Beyond Green)			
GI P2.1.2	Broadland Norwich	Tree planting & management of existing street, garden, boundary and woodland trees for ecological connectivity	Thorpe Ridge to The Broads via North Burlingham	Feasibility required			Delivered by development	0	x	x
GI P1.1.3	Broadland	North-South GI Connectivity NE Rackheath	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Requires Feasibility			S106	0		
GI NFS.4.12	Norwich	Threescore Development: Bowthorpe Historic Parkland	Norwich Fringe South	Bowthorpe Open Space investment plan - Design required	94		S106	0		
GI NFS.4.13	Norwich	Threescore Development: The Runnel	Norwich Fringe South	Bowthorpe Open Space investment plan - Design required	269		S106	0		
GI NFS.4.14	Norwich	Threescore Development: Bowthorpe Southern Park	Norwich Fringe South	Bowthorpe Open Space investment plan - Design required	81		S106	0		
GI NFS.4.20	Norwich	Bowthorpe and Earlham marshes paths	Norwich Fringe South	Bowthorpe Open Space investment plan - Design required	67		S106	0		
GI NFS.4.21	Norwich	Yare Valley path northern extension	Norwich Fringe South	Bowthorpe Open Space investment plan - Design required	91		S106	0		
GI NFS.5	South Norfolk	Queens Hill Country Park	Norwich Fringe South	Permitted - SNC taking on management imminently. Feasibility project to connect to Marriotts Way			S106	0		
GI NFS.5.1	South Norfolk	Marriott's Way to Queens Hill Cycle connection	Norwich Fringe South		120	Queens Hill Travel Plan S106	S106	0		
GI NFS.7.1 (NP 2.1)	South Norfolk	Cringelford Landscape Protection Zone (ENV1 of Neighbourhood Plan)	Norwich Fringe South	Delivered by Development			S106	0		
GI NFS.7.2 (NP 2.1)	South Norfolk	Cringelford Gateway Tree Belt (ENV2 of Neighbourhood Plan)	Norwich Fringe South	Delivered by Development			S106	0		
GI NFS.7.3 (NP 2.1.4 and GI NFS 3.1)	South Norfolk	Cringelford Walking and Cycling (SCC3 of Neighbourhood Plan)	Norwich Fringe South	Delivered by Development (linked with NFS 3.1)			S106	0		
GI F.	South Norfolk	Footpath/cycleway Hethersett Lane to A47	Norwich Fringe South	Project Development	50	£1.3m S106 from NNUH	S106	0		
GI P1.2	Broadland	North Rackheath Park – Broads Buffer Zone	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	delivered by development			S106	0		
GI P1.3.2	Broadland	Three Rivers Way; Connection to Broadland Way\Norwich Cycle Network	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Three Rivers Way funded. Funding required for connection to Broadland Way\Norwich Cycle Network			CIL	0		
GI P1.4	Broadland	Sprowston Manor Golf Course - Retention and protection of bat roosts	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Mainly protection; Requires Project Brief			DEV	0		0
GI P1.7	Broadland	North Sprowston and Old Catton GI Linkages - Focus on Church Lane	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Requires Project Brief			Dev (Beeston Park)	0	0	0
GI P1.9 (BDC ref GI S 10.1)	Broadland	Enhancements habitat connectivity Racecourse Plantation to Harrison Plantation	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Requires Project Brief & Feasibility			S106	0	0	0
GI P1.10 (BDC ref GI S 11.1)	Broadland	Parkland NE of Thorpe End	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	Requires Project Brief & Feasibility			S106	0	0	0
GI P2.1.1	Broadland	Management of Weston Wood (Ancient Woodland). Pinebanks\Griffin Lane GI and Woodland Management Plans.	Thorpe Ridge to The Broads via North Burlingham	Ancient Woodland Management Plan to be produced and implemented on Pinebanks site secured through the grant of planning permission.			S106	0	0	
		Threescor Development: Bowthorpe Southern Park	Norwich Fringe South	Bowthorpe Open Space investment plan - Design required						

Ref	District	Project/Scheme Description	GI Priority Area	Status	Total Estimated Scheme Cost	Contributory funding (£,000)	SOURCE	Funding need (£,000)		
									2017/18	2018/19
GI NDR 2 (BDC Ref GI S.9.1 and T1)	Broadland	NDR Mitigation (Bat gantry and Culvert north of Garden Plantation)	NDR MITIGATION	Delivered by NDR				0	0	
GI NDR 3 (BDC Ref GI S.11.2 and T1)	Broadland	NDR Mitigation (Culvert and new tree belt north of Sprowston Wood)	NDR MITIGATION	Delivered by NDR				0	0	
GI NDR 4 (BDC Ref GI S.12.5 and T1)	Broadland	NDR Mitigation (Bat Gantry, Culvert and Brown Bridge NDR Middle Road Crossing)	NDR MITIGATION	Delivered by NDR				0	0	
GI NDR 5 (BDC Ref GI S.13.3 and T1)	Broadland	NDR Mitigation (Bat Gantry and Culvert at Smee Lane)	NDR MITIGATION	Delivered by NDR				0	0	
NOTE		OTHER NDR MITIGATION TO FOLLOW (LIST NEEDS TO BE COMPILED)	NDR MITIGATION					0	0	
GI P5.4	South Norfolk	Wymondham GI Evidence and Project Plan	South West	Delivered by Development		£1400 \$106 Right Up Lane, £50 per dwelling S Wymondham	\$106	0		0
GI NFN.2	Broadland	Orbital Cycle Route - NEG T to Norwich Airport	Norwich Fringe North	Delivered by Development			\$106/\$278/CIL	0		
GI NFN.5	Broadland	Delivery of Open Space inc. Play Space and Sports Pitches - North East Norwich	Norwich Fringe North	Delivered by Development			\$106	0		
GI NFN.5.1 BDC ref GI.S.8.1	Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at White House Farm	Norwich Fringe North	Delivered by Development			\$106	0		
GI NFN.5.2	Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Beeston Park	Norwich Fringe North	Delivered by Development			Dev	0		
GI NFN.5.3	Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Brook Farm	Norwich Fringe North	Delivered by Development				0		
GI NFN.5.4	Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Land East of Buxton Road	Norwich Fringe North	delivered by development			\$106	0		
GI NFN.5.5	Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Pinebanks and Griffin Lane	Norwich Fringe North	delivered by development			\$106	0		
GI NFN 6.1	Broadland	Canhams Hill open space/GI provision as part of proposed development with opportunities to maintain and enhance the green space between Hellesdon and Drayton at Canhams Hill CWS. Included in feasibility study For Drayton & NW Forest & Heaths	Norwich Fringe North	Potentially Delivered by Development; Part of Feasibility Study For Drayton & NW Forest & Heaths			Dev	0		
GI NFN 7 BDC REF GI S7.1	Broadland	North -South GI Connectivity: Catton, Sprowston Spixworth	Norwich Fringe North	To be delivered through development				0		
GI NFN 8 BDC Ref GI S10.2	Broadland	West-East GI Connectivity: Catton, Sprowston Spixworth	Norwich Fringe North	To be delivered through development				0		

Communities

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost		Contributory funding (£,000)	Source	Funding need	2016/17	2017/18	2018/19	2019/20
Community Facilities												
CF1.2	Broadland	Brook & Laurel Farm Community Building	Requires Project Brief / Feasibility	500		200	S106/CIL	300				
CF1.3	Broadland	North Sprowston & Old Catton Community Space including library	Requires Project Brief / Feasibility	2,400		0	S106/CIL	2,400				
CF1.4	Broadland	Land South of Salhouse Road Community Building	Requires Project Brief / Feasibility	500		0	S106/CIL	500				
CF1.5	Broadland	Rackheath Community Building	Requires Project Brief / Feasibility	500		0	S106/CIL	500				
CF1.20	Broadland	Children's Playspace delivered through the development of allocations within the Growth Triangle	Delivered by development.	n/a		n/a	S106	n/a		x	x	x
CF1.21	Broadland	Informal Open Space delivered through the development of allocations within the Growth Triangle	Delivered by development. Required to fulfil HRA public access to open space requirements.	n/a		n/a	S106	n/a		x	x	x
BDC	Broadland	Cremer's Meadow	Project Development	25		0	CIL	25				25
BDC	Broadland	Great Plumstead Open Space / Community Orchard	Project Development	25		0	CIL	25				25
CF2.x	Norwich	Boom Towers		20		0	CIL	20		20		
CF2.x	Norwich	Bowthorpe Play		100		100	S106 & CIL n'hood	13		20	40	40
CF2.x	Norwich	Castle Gardens	Feasibility and brief writing currently ongoing. £135k CIL maintenance money sought to add to £115k secure maintenance funding and justified through project proforma.	1155		1005	S106 (70 secure), HLF/EU (935 not secured)	150	0	50	500	320
CF2.x	Norwich	Earlham Park toilets		80		80	CIL n'hood	0		40	40	
CF2.x	Norwich	Heigham Park toilets	Crowd funding?	80		80	CIL n'hood	0				80
	Norwich	Improved sports facilities in Norwich	Pre-feasibility									x
	Norwich	North City estate renewal		tbd				tbd				x

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost		Contributory funding (£,000)	Source	Funding need	2016/17	2017/18	2018/19	2019/20
	Norwich	Plumstead Road Library self access improvement and parking	In build - estimated completion autumn 2018	85		85	GIL				40	
	South Norfolk	Diss Library self access improvement	In build - estimated June 2018	35		35	S106/GIL				40	
	South Norfolk	Harleston Library self access improvement	Planning started - estimated completion March 2019	35		35	GIL				35	
	South Norfolk	Gostessey Library self access improvement	Planning started - estimated completion March 2019	35		35	GIL				35	
	South Norfolk	Loddon Library self access improvement	Planning started - estimated completion March 2019	35		35	GIL					
	Norwich	Earlham Library self access improvement	Planning started - estimated completion March 2019	35		35	GIL	35			35	
	Norwich	Mile Cross Library self access improvement	Planning started - estimated completion March 2019	35		35	GIL				35	
	Broadland	St Williams Way Library self access improvement		35			GIL	35			35	
	Broadland	Blofield self access improvement		43			GIL	43				43
	Broadland	Reepham self access improvement		30			GIL	30				30
	Norwich	Tuckswood self access improvement		43			GIL	43				43
	South Norfolk	Hingham self access improvement		20			GIL	20				20
Sports Facilities												
CF1.6	Broadland	Extend and Refurbish Rackheath Pavilion	Requires Project Brief / Feasibility	TBC		TBC	CIL/Other	TBC			x	
CF1.8	Broadland	Modernisation of Thorpe St Andrew School swimming pool	Feasibility Study required	1,000			S106/CIL					
CF1.9	Broadland	New Sports Hall in Thorpe St Andrew	Feasibility Study required	2,700		1,900	S106/CIL	800			2,700	
CF1.10	Broadland	Refurbishment of 3G pitch in Thorpe St Andrew	Funding being sought from the FA				Other					
CF1.11	Broadland	Modernisation of Hellesdon High School sports hall					S106/CIL					
CF1.12	Broadland	Modernisation of Aylsham High School swimming pool					S106					
CF1.13	Broadland	Gym and Dance Hall contribution Aylsham					S106					

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost		Contributory funding (£,000)	Source	Funding need	2016/17	2017/18	2018/19	2019/20
GI NFN 9 BDC Ref; GX15	Broadland	Improve Facilities at King George V Playing Field	Requires Project Brief / Feasibility	TBC			S106, CIL and Other					
CF2.x	Broadland	Horsford Manor Community Sports Hub	Consultation taking place	6,500			Premier League (?), CSF, others including poss. CIL			x	x	x
	Broadland	Brundall recreational areas	Design required				S106/CIL			x	x	x
CF2.x	Norwich	Bowthorpe Park MUGA and tennis court improvements	Design required	300			City Council Capital Programme					100
CF2.x	Norwich	Football Pitch Improvements	Condition survey undertaken	100		0	CIL	100			25	25
CF2.x	Norwich	Sloughbottom Park: Improved Changing facilities	Changing facility feasibility required	?		15	S106			?		
	Norwich	Norwich Parks Tennis expansion phase 1 - Eaton Park, Heigham Park, Harford Park, Lenham Rec court improvements, lighting provision, access improvements, community tennis programme - no maintenance requirement	Council capital approved, S106 received, LTA funding submission imminent.	395		395	City Council Capital, S106, LTA grant	0	0	0	395	
	Norwich	Norwich Parks Tennis expansion phase 2 - court improvements, lighting provision, access improvements.	Development required			???						
	Norwich	Improved sports facilities in North Norwich	Considerable development work and feasibility required									x
CF3.x	South Norfolk	New Swimming Pool and Sports Hall in Diss	Scoping report being undertaken	10,000-12,000		6,800-8,800	CIL/other	3,200				1,600
CF3.x	South Norfolk	Artificial Grass Pitch in Diss	Feasibility Required	500			CIL/Other					500
PPS	South Norfolk	Improvements to Hales cricket and bowls clubhouse		160		10	CIL	30		30		
CF3.x	South Norfolk	New Pitches North Hethersett	Delivered by Development	?			S106			x		
CF3.x	South Norfolk	Long Stratton Sports Hub, pitch improvements	Feasibility Required	2,545		2,045	CIL/Other	500		2,545		

[illegible]

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost		Contributory funding (£,000)	Source	Funding need	2016/17	2017/18	2018/19	2019/20
NP1.5.2	Broadland	Toilet, Kitchen and Amenity Facilities at St Peters Church					CIL and Other					
Great and Little Plumstead Neighbourhood Plan												
	Broadland	New Changing Rooms Gt Plumstead Playing Field	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Water Lane Footpath Improvements	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	New Bus Stop opposite Bus Shelter	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Junction Improvements at Brick Kilns Public House	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Woodland Walk Extension at Thorpe End	Requires Project Brief I Feasibility	TBC			CIL and Other					
Brundall Neighbourhood Plan												
	Broadland	Public Realm Improvements at Local Centres and Gateways	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Footway and Cycleway Improvements	Requires Project Brief I Feasibility	TBC			CIL and Other					
Drayton Neighbourhood Plan												
	Broadland	Improved Off Street Public Parking at Village Centre	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Highway Improvements and Public Realm Enhancements at Village Centre	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Footway and Cycleway Improvements	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	GI Improvements at Drayton Drewray, Canham Hill and Drayton Wood	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Improved Facilities at King George V Playing Field	Requires Project Brief I Feasibility	TBC			CIL and Other					
Blofield Neighbourhood Plan												
	Broadland	Provision of New Community Green Assets: Woodland or Community Garden	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Secure Allotments in Perpetuity		TBC			TBC					
	Broadland	Public Realm Improvements at Village Gateways	Requires Project Brief I Feasibility	TBC			CIL and Other					
	Broadland	Community Hall	Requires Project Brief I Feasibility	TBC			CIL and Other					

[illegible]

Ref	District	Project/Scheme Description	Status	Total Estimated Project Cost		Contributory funding (£,000)	Source	Funding need	2016/17	2017/18	2018/19	2019/20
Mulbarton Neighbourhood Plan												
NP2.2.1	South Norfolk	Improved car parking management around the schoolsIGP surgery					GIL and Other					
NP2.2.2	South Norfolk	An improvement at the B1113IA140 Harford Bridge junction					GIL and Other					
NP2.2.3	South Norfolk	Improved footway and road maintenance in the village					GIL and Other					
NP2.2.4	South Norfolk	Reduced traffic speeds on existing residential streets and lanes in the village					GIL and Other					
NP2.2.5	South Norfolk	Cycle routes to Hethel Engineering GentrelLotus and Norwich					GIL and Other					
NP2.2.6	South Norfolk	An improved bus service					GIL and Other					
Salhouse Neighbourhood Plan												
	Broadland	Development of an integrated village path network	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Enhancement of the village playing field	Requires Project Brief I Feasibility	TBG			GIL and Other					
Rackheath Neighbourhood Plan												
	Broadland	Opening up Newman Woods and other potential woodlands for wider community use	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Investigate the potential for improvements to Local Heritage Assets, including renovating the Old Scout Hut.	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Upgrade and update Stracey Sports Park with more equipment and a MUGA	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Modernise and refurbish Rackheath Village Hall	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Encourage development of new access point from the industiral estate onto Wroxham Road	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Investigate setting up a community transport scheme in the village	Requires Project Brief I Feasibility	TBG			GIL and Other					
	Broadland	Investigate potential for new crossing points on Green Lane West and others.	Requires Project Brief I Feasibility	TBG			GIL and Other					

Education

[illegible]

Ref	District	Project/Scheme Description		Status	Total Estimated Project Cost (£,000)		S106	Basic Need	Funding shortfall	To fund from other sources	to date		2017/18	2018/19	2019/20	2020/21	2021/22
EDU22	South Norfolk	Easton Primary Extension to 420		Awaiting further housing growth for permanent capital project	4,000		0	0	4,000						1,000	1,500	1,500
	South Norfolk	Hingham Primary Mobile Replacement		Brief in draft	900				221	679					450	450	
EDU18 (NP 2.1.2)	South Norfolk	Cringleford New 420 Primary		Waiting for development to commence	8,000		0	0	8,000						500	3,500	4,000
EDU25	South Norfolk	Long Stratton New 420 Primary		Waiting for development to commence	8,000		0	0	8,000								500
EDU7 (9?)	Broadland	North Norwich New Secondary and existing schools		Preferred site identified. Waiting for development to commence.	26,000				26,000							2,600	2,600
	Broadland	Blofield New 420 Primary		Discussions with Broadland/Parish on new site.	8,000				8,000						500	3,500	4,000
EDU5	Broadland	Beeston Park New Free School 420 Primary #1		Waiting for development to commence	8,000				8,000						500	3,500	4,000
EDU1/2	Broadland	South of Salhouse Road New 420 Primary		Waiting for development to commence	8,000				8,000								
EDU6	Broadland	Beeston Park New Free School 420 Primary #2		Waiting for development to commence	8,000				8,000								

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Greater Norwich Infrastructure Plan
April 2017



Greater Norwich Growth Board

Joint Five Year Infrastructure Investment Plan - DRAFT

January 2019

Introduction

The projects identified within this Infrastructure Investment Plan are those currently considered to be a priority for delivery to assist in achieving the economic growth targets as set out in the Joint Core Strategy and the Greater Norwich City Deal; one of the key strands of the City Deal was the delivery of an infrastructure programme facilitated by a pooled funding arrangement between the Authorities.

Income received from the Community Infrastructure Levy (CIL) is pooled within the Infrastructure Investment Fund (IIF) which is administered by the Greater Norwich Growth Board (GNGB). The projects which receive IIF funding during the forthcoming financial year will be adopted as the 2019/20 Annual Growth Programme (AGP). The projects listed within the subsequent four years are the IIF funding priorities till 2023/24. See Appendix A

This Plan incorporates the updated position on infrastructure delivery, includes revised CIL income projections, provides updates on projects accepted within previous AGPs and outlines planned preparatory work for infrastructure schemes for future years.

Development of the Joint Five Year Infrastructure Investment Plan

Prior to the development of this Plan, the Greater Norwich Infrastructure Plan (GNIP) was updated¹. The GNIP identifies infrastructure priorities to the end of the current Joint Core Strategy (2026) and details the progress of infrastructure delivery within the Greater Norwich area.

The three District Councils will consider this Plan in January/February 2019. Projects listed within the forthcoming financial year should be considered as the proposed AGP for 2019/20. Thus approval of this plan will commit IIF funding to those projects. Funding to support the projects in the subsequent four years will be confirmed through future updates to this Plan.

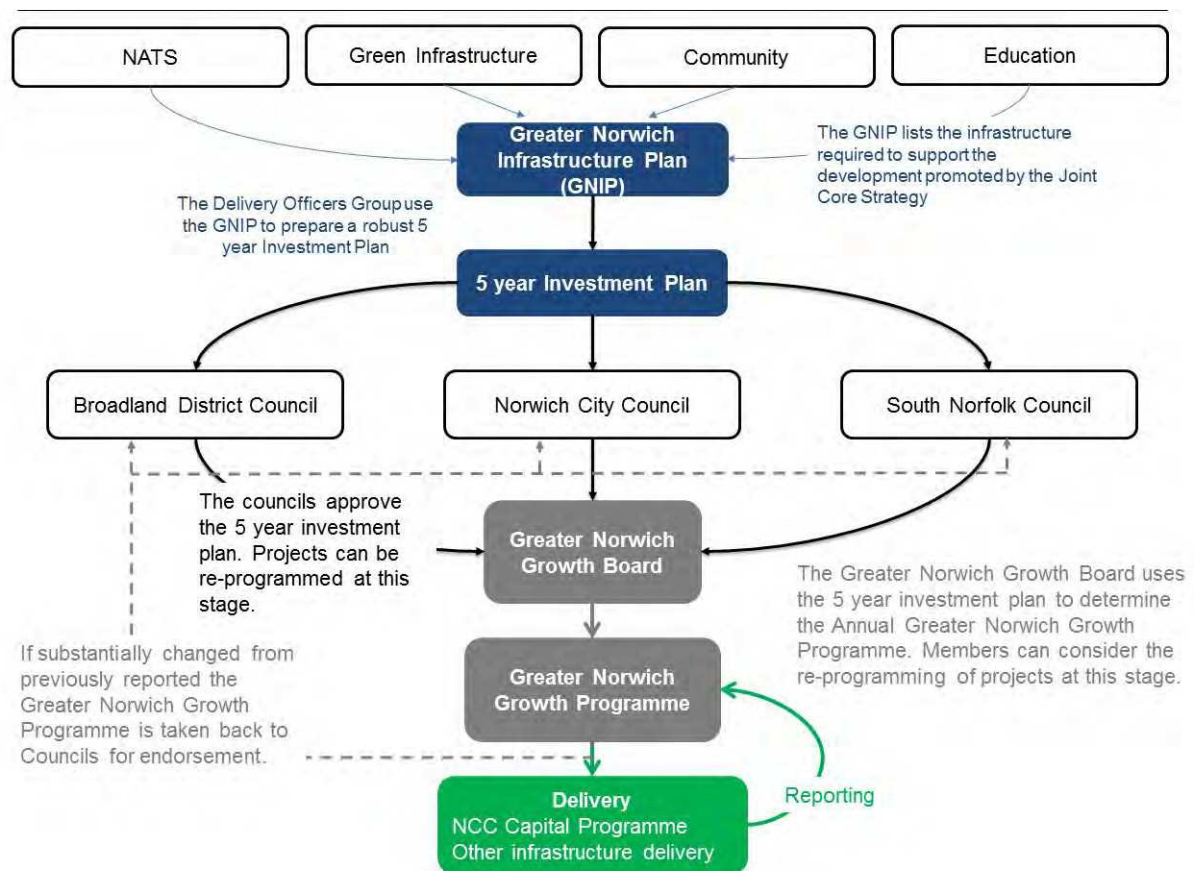
The GNGB will consider this Plan at its meeting in February 2019.

As the Accountable Body for the GNGB, Norfolk County Council will also receive a report on the 2019/20 AGP in early 2019.

¹ <http://www.greaternorwichgrowth.org.uk/delivery/greater-norwich-infrastructure-plan/>

The Five Year Infrastructure Investment Plan process is illustrated in Figure 1, below.

Fig. 1 - Infrastructure Investment Plan Development Process



Proposed 2019/20 Annual Growth Programme (AGP)

Estimates for the total forecasted amount of CIL collected over the plan period have reduced over previous years. This is in part due to the changes in Government policy which have increased the categories of development which are exempt from paying CIL but also due to the complex nature of CIL receipting making forecasts incredibly difficult to calculate.

CIL income has been less than forecasted each year since 2014. In order to safeguard the commitments made to all projects within previously agreed AGPs the GNGB made this decision on 25th June 2018:

To temporarily suspend the inclusion of any new projects in future 5 Year Investment Plans and Annual Growth Programmes. New projects which require urgent or time limited funding will still be able to submit proformas however these will be reviewed independently.

It is proposed that Education receive £2million to support the development of their capital programme, but there are no projects from within the themes of Green Infrastructure, Transport or Communities included within the 19/20 AGP.

This Plan provides the reprogrammed financial commitments for IIF funding against the forecasted CIL income until 2023/24.

Projects which were previously programmed to be delivered in 19/20 have either sourced funding elsewhere, have been closed and are no longer a priority or have agreed to re-programme their delivery until funding is available.

Approximately £1.5million of projects allocated IIF in previous AGPs will continue to be delivered in 2019/20.

Updates on the delivery of projects approved in previous AGPs are in Appendix C.

TRANSPORT

Transport for Norwich (TfN)

The Norwich Area Transportation Strategy (NATS), now more widely known as Transport for Norwich (TfN), is the adopted transport strategy used to deliver improvements across Greater Norwich. The current strategy recognises that everybody's journeys are different and looks to give people viable options on how they choose to travel and actively promotes sustainable transport. The strategy has already delivered key improvements such as the Broadland Northway, a network of Park and Ride facilities and 'Pedalway' cycle routes, the award winning Norwich Bus Station and bus priority measures in the City Centre and along radial routes.

The implementation plan of transport delivery was adopted 2010 and updated in 2013 and set out the range of transport measures, together with their general intended phasing, for delivery over the short to medium term.

In 2018, the TfN Board agreed to a review of the transport strategy and an update of its implementation plan. This is underway and a public consultation in March 2018 highlighted that investment in public transport was the top priority, with measures to tackle congestion, maintaining existing infrastructure and reducing the impact transport has on air quality being other key priorities. It is envisaged that a new preferred strategy and implementation plan will be consulted on late-Summer 2019 for full adoption in 2020.

Projects supported by IFF

The 2015/16 AGP agreed to the use of the IIF to top up other funding to help deliver the NATS programme over the period 2015/16 to 2019/20 and committed a total of £3,570,000. Many projects which were initially programmed to receive IIF funding have since taken advantage of alternative funding streams including (in particular) Growth Deal and Cycle City Ambition Grant (CCAG) to deliver projects. The NATS projects which have been allocated IIF are:

- St Clements Toucan crossing
- Eaton Interchange - improvements to the crossing
- Roundhouse way- new bus interchange
- Golden Ball street- highways improvements
- Lakenham Way - Yellow Pedalway
- A140 corridor - improvements north of the city
- St Faiths to airport transport link
- Colney River Crossing
- Broadland way- Green lane North to Plumstead Rd
- Green pedalway junction improvements
- Marriotts Way- access improvements in Cosstessey
- Marriotts Way- resurfacing at Drayton

Other funding streams

A range of funding in addition to that from the IIF will continue to be sought to fund the existing and future TfN Implementation Plans, which will include locally held Local Transport Plan funding, as well as Cycle City Ambition Grant (CCAG), Local Growth Fund monies and specific funding awards from government. In September 2018, the County Council was informed that Greater Norwich had been shortlisted as one of 10 cities in the UK that is eligible to apply for a share of a £840m Transforming Cities fund covering the period 2018/19 to 2021/22. The Greater Norwich 'Transforming Cities' application is based around transforming connectivity in and around Norwich through a coordinated package of improvements on three transport corridors and in the city centre. Further information on whether funding is secured and its value will not be known until early 2019. Although a range of funding is being sought, it is likely that there will be further requests for funding from the IIF after the currently agreed programme ends in 2019/20.

A provisional IFF allocation of £900,000 per annum for three years was included within the previous version of this Plan, but the Infrastructure Development Board (IDB) have now agreed that funding for future TfN projects will be considered and confirmed individually in future publications of this Plan.

Strategic Transport Schemes

In addition, the 2016/17 AGP agreed to use IIF funding in future years to ensure the delivery of strategic transport projects, including the Broadland Northway and Long Stratton bypass together with Hempnall crossroads junction.

Broadland Northway

Construction of the Broadland Northway was completed in April 2018 and there has been significant positive feedback from residents and businesses regarding the reduced journey times and simpler journeys the new route provides. The road was paid for by the Department for Transport, Growth Point funds and the Community Infrastructure Levy. With the agreement of all the Greater Norwich partners, £40m of borrowing to support its delivery took place during the 2016/17 financial year and will be repaid by future CIL income from the IIF.

Long Stratton Bypass and Hempnall Crossroads

The Long Stratton Bypass will be funded from a combination of developer funding and public sector funding. Currently, work is underway to secure DfT funding towards delivery of the bypass. The remainder of the funding will be made up of a developer contributions and up to £10m of CIL supported borrowing. It is expected there will be a planning decision on the bypass and associated development in early 2019 and if DfT funding can be secured, work could start as soon as late 2020.

EDUCATION

Children's Services publish their Schools Local Growth and Investment Plan (SLGIP) annually in January for the Children's Services Committee. SLGIP recognises growth across the whole County but the most significant growth is within the Greater Norwich area. Land has been or is being secured for up to seventeen new schools in Greater Norwich to support the forecasted growth. Those currently being progressed are:

- Sprowston, White House Farm - in planning;
- Hethersett, new school building to allow the existing Infant School to move into a new building and expand - land transfer in progress;
- Wymondham (Silfield)- land transfer progressing but some issues with access and services;
- Blofield, new building to move and expand existing school - land discussions ongoing;
- Bowthorpe, new building to move and expand existing school - land discussions ongoing
- Trowse, new building to move and expand existing school - land expected to be transferred early 2019.

Children's Services' Capital Priorities Group oversee the work to determine the order, timing, details and funding of education priorities. Eleven of the seventeen schemes currently identified do not have a confirmed funding source. The majority of those which are proceeding are funded via the previous S106 regime or from Basic Need funding from central government.

£2M committed in 2018/19 has helped with two projects; one to identify and secure a new site to move the existing school at Blofield into larger and more suitable accommodation and two, in Brundall to ensure the primary school has suitable accommodation for larger cohorts of children.

GREEN INFRASTRUCTURE

The Green Infrastructure Programme Team is formed by officers from all Greater Norwich councils who work together to strategically plan across all three districts. The projects below are the key areas, prioritised by GNGB for future investment. These growth areas have all received IIF funding to deliver elements of their progress in previous AGPs.

Green Loop - Broadland Way and Marriott's Way

A key element of the North-East Norwich Growth Triangle (NEGT) Area Action Plan is an off-carriageway cycle and pedestrian route between east Norwich at Thorpe St Andrew and the Northern Broads at Wroxham known as Broadland Way.

Broadland Way is designed to be a multi-functional Green Infrastructure corridor that provides residents of the new development with a safe walking/cycling route that can be used for commuting or leisure, whilst also providing ecological connectivity

Combined with Marriott's Way and the Bure Valley Path, this new facility will form a Green Loop to the north of Norwich linking northern city areas of growth with the countryside and a highly biodiverse corridor. Marriott's Way particularly fulfils several key functions as a

wildlife link, a health-promoting asset through cycling and walking, and outdoor classroom.

River Yare Crossing

This project is part of the wider East Norwich Gateway project (described below) and is a cycle/pedestrian bridge crossing the River Yare to enable better access to Whitlingham Country Park from the city centre.

Yare Valley

The project aims to develop the unifying concept of a river parkway, a linear country park based on the River Yare Corridor between Bawburgh and Whitlingham Country Park. The parkway would comprise a collection of linked spaces along banks of the River Yare. This 'umbrella' project was included in the Green Infrastructure Delivery Plan and included several smaller projects, some of which have been brought forward since the study was published.

River Wensum

A strategy has been developed to guide regeneration of the River Wensum Corridor in Norwich, extending to Whitlingham in the east, which was adopted by Norwich City Council and the Broads Authority in June 2018.

The strategy objectives include enhancing connectivity throughout the river corridor, particularly with the Norfolk Trails network, and enhancing the natural environment and green infrastructure. Key green infrastructure proposals which have received IIF funding in previous AGPs include completion of missing links of the Riverside Walk, improvements to accessibility of the existing Riverside Walk and enhanced links with the Broads network at Whitlingham in the longer term. Potential future GI projects include enhancement of Bishops Bridge to Whitefriars Bridge green space, and enhancement of the Boom Towers and Ber Street wooded ridge area.

The Riverside Walk

This is identified as a sub-regional green infrastructure corridor supporting growth locations in the Joint Core Strategy. The development of the Riverside Walk helps to support the green infrastructure requirements for anticipated new housing and employment development identified in the city centre and east Norwich.

COMMUNITY

A number of strategic community projects have been identified and funded in previous publications of this Plan. These include library improvements, open space developments and improved community facilities.

The sports facilities and playing pitches review in 2014 identified key areas requiring development which are now being progressed and delivered by the Greater Norwich Sports Strategy Implementation Group. Notable delivery in 18/19 have seen £1million of IFF funding supporting phase two of The Nest in Horsford plus £250,000 towards a project developing sports and play facilities at Ketts Park Wymondham. Both are large strategic sports projects which have received funding from many other sources in

Refurbishment of the Hewett School swimming pool was identified as a priority in the review plan. However, this project has not progressed and a leisure feasibility study undertaken by KKP consultants in 2017 recommended that a new leisure facility should be built.

The proposed Mile Cross Health & Wellbeing Centre is expected to deliver a new leisure centre including swimming pool, sports hall, and community and associated fitness facilities. A cost profile is being prepared for this project which is expected to be delivered in 2022.

Economic Development and Regeneration

A number of projects supported by IIF significantly contribute to the economic growth of areas by providing transport, green infrastructure and community benefits. These projects support the wider regeneration of areas but often requires many years of strategic planning to come to fruition. Projects which the GNGB have already identified as strategic priorities within the Greater Norwich area include:

Norwich Airport Industrial Estate

This involves the significant delivery of public realm improvements, infrastructure and transport links at Norwich Airport Industrial Estate. This will enable this key employment location to offer more attractive, modern premises which better serve the needs of the existing SME community and those of emerging high value sectors identified in the New Anglia LEP Strategic Economic Plan and the Greater Norwich City Deal. There is an important synergy between this project and the improved transport connections that will be provided by the St. Faiths Road to Airport project and the NE Norwich Link Road. Both these transport projects have IIF funding.

East Norwich Gateway

This project will provide infrastructure to open up the development of the Utilities Site and Deal Ground (the largest brownfield sites within the Norwich City Council area) and extend cycling and pedestrian access from Norwich City Centre to Whitlingham Country Park in South Norfolk. The proposal would consist of three bridges, one across the River Wensum and two across the River Yare (one of which is the green infrastructure project referred to above) and associated road infrastructure.

Norwich Research Park (NRP)

Various projects in and around the NRP will help improve its connectivity to the wider area, as well as enhance the local environment. Sustainable access will be boosted by a new bus interchange at Roundhouse Way, whilst a more direct footpath link to the significant housing growth at Bowthorpe has been enabled by a footbridge across the River Yare. Health walks open up opportunities to improve the wellbeing of patients, employees and residents alike. These have been implemented in the grounds of the NNUH, along with further enhancements to Green Infrastructure links between the NNUH and the nearby housing development.

Five Year Investment Plan Framework

Explanation of the categories within Table 1

Actual CIL receipts- this is the amount of CIL income received by the IIF to date.

Forecast CIL receipts- this is the CIL income the IIF is forecasting to receive in the next 5 years. Given the complex nature of CIL income it is expected that these figures will change between publications of this Plan, particularly in years 3-5.

Programme Agreed- this is the amount of CIL which will be drawn down from IFF to deliver projects in the given financial year. These projects have been agreed in previous AGPs and will either be being delivered over multiple years, or are projects whose delivery has been delayed and their draw-down has rolled over from a previous year.

Borrowing agreed- This includes the confirmed loan repayments for the Broadland Northway as well as future repayments to support the delivery of Hempnall crossroads and Long Stratton Bypass (loan repayment rates for future borrowing is forecasted and will not be confirmed until the borrowing is committed).

Education- NCC has a statutory duty to support the growth of schools. A £2million allocation of IIF has been identified for each of the 5 years within this Plan. Although, this is an indicative figure which will be confirmed annually with the acceptance of each new Annual Growth Programme.

Cash Reserve- The 2016/17 AGP agreed to borrow £50m at PWLB project rate to support the delivery of both the Broadland Northway and the Long Stratton Bypass. It was agreed that a cash reserve equal to one annual repayment be built up over 3 years from 2017/18 to safeguard this loan repayment.

CIL receipts have been lower than forecast since the creation of the IIF in 2014. As a result we now forecast an over commitment of the Growth Programme in the financial year 2019/20. If this occurs and the IIF falls into deficit, the fund would be charged interest on the amount. However, it is expected that through careful programme management the Greater Norwich Project Team will be able to prevent this situation occurring. This potential interest charge has therefore not been allocated within the framework

The IDB along with each partner's s151 officer has recommended that the accrued cash reserve should be reallocated back into the IIF, whilst a new £2m cash reserve is planned to be built over the subsequent 4 years of this Plan.

The cash reserves allocated in previous versions of the Plan (17/18 and 18/19) have therefore been removed from this updated Framework.

Table 1 - Proposed Five Year Infrastructure Investment Plan

	to date	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
INCOME									
Balance brought forward	£3,396,917								
Actual CIL receipts		£3,214,589	£3,334,000						
Forecast CIL receipts				£5,544,021	£3,963,579	£7,090,086	£7,506,073	£7,091,249	
Cumulative Income	£3,396,917	£6,611,506	£9,945,506	£15,489,527	£19,453,106	£26,543,192	£34,049,265	£41,140,514	£48,216,485
EXPENDITURE									
Borrowing agreed*		£572,518	£2,056,881	£2,064,776	£2,064,776	£2,096,102	£2,096,102	£2,210,958	£2,383,242
Programme agreed	£182,827	£506,000	£1,109,000	£3,750,000	£1,462,000	£1,320,000	£60,000	£30,000	£0
Education			£2,000,000	£2,000,000	£2,000,000	£2,000,000	£2,000,000	£2,000,000	£2,000,000
Cash Reserve						£500,000	£500,000	£500,000	£500,000
TOTAL	£182,827	£1,078,518	£5,165,881	£7,814,776	£5,526,776	£5,916,102	£4,656,102	£4,740,958	£4,883,242
Cumulative Expenditure	£182,827	£1,261,345	£6,427,226	£14,242,002	£19,768,778	£25,684,880	£30,340,982	£35,081,940	£39,965,182
Cumulative Surplus/Deficit	£3,214,090	£5,350,161	£3,518,280	£1,247,525	-£315,672	£858,312	£3,708,283	£6,058,574	£8,251,303
Forecasted surplus to commit to AGP					£0	£858,312	£2,849,971	£2,350,291	£2,192,729

*repayments against the borrowing agreed for the Broadland Northway, plus forecasted repayments if additional borrowing is agreed in future years to support the delivery of Hempnall Crossroads and Long Stratton Bypass.

Appendix A -Prioritised projects for future allocations of IIF funding till 23/24

Appendix B - Growth programme to date (previously agreed AGPs)

Appendix C- Individual project delivery updates

APPENDIX A - Prioritised projects for future allocations of IIF funding till 23/24 (grouped by theme)

EDUCATION

Project/Scheme Description	Total Estimated Scheme Cost (£,000)	Funding secured	Funding need					
				2019/20	2020/21	2021/22	2022/23	2023/24
Hethersett High Extension	8,000	6,790	1,210	1,210				
Hethersett Junior reorganisation	4,600	3,600	1,000	1,000				
Hellesdon New 420 Primary	8,000		8,000		500	3,500	4,000	
New Bowthorpe Primary School	8,000	2,500	5,500		500	2,000	3,000	
Easton Primary Extension to 420	4,000		4,000			1,000	1,500	1,500
Hingham Primary Mobile Replacement	900	500	400	400				
Cringleford New 420 Primary	8,000		8,000	500	3,500	4,000		
Long Stratton New 420 Primary	8,000		8,000			500	3,500	4,000
North Norwich New Secondary and existing schools	26,000		26,000			2,600	2,600	2,600
Blofield New 420 Primary	8000		8,000	1,000	4,000	3,000		
Beeston Park New 420 Primary #1	8,000		8,000			500	3,500	4,000
South of Salhouse Road New 420 Primary	8,000		8,000					500
Beeston Park New Free School 420 Primary #2	8,000		8,000					500
Rackheath New 420 Primary #1	8,000		8,000			500	3,500	4,000
Land East of Broadland Business Park New 420 Primary	8,000		8,000				500	3,500
Education Total				4,110	8,500	17,600	22,100	20,600
Potential future IIF commitment				2,000	2,000	2,000	2,000	2,000

TRANSPORT

Project/Scheme Description	Total Estimated Scheme Cost (£,000)	Funding secured	Funding need					
				2019/20	2020/21	2021/22	2022/23	2023/24
MW: Inner Ring Road crossing	500		500		200	300		
Transport Total/Potential future IIF commitment				0	200	300	0	0

GREEN INFRASTRUCTURE

Project/Scheme Description	Total Estimated Scheme Cost (£,000)	Funding secured	Funding need					
				2019/20	2020/21	2021/22	2022/23	2023/24
Marriotts Way: Biodiversity management with community engagement/volunteer support (continues to 2026)	160	15			29	29	29	29
Kett's Heights Norwich- landscape and heritage enhancements	150	100	50		50			
Marriotts Way: Surface and drainage improvements at road crossing points	89	10	79		79			
Riverside Walk Missing Link Duke St to St George's St	300		300		300			
Boudicca Way cycle- development of cycle route between Diss & Norwich	23		20		20			
Boudicca Way- signage and links from new development	17		15		15			
Marriotts Way: Hellesdon Station Area	210		210		105	105		
Marriotts Way: Aylsham Gateway	30		30		30			
Riverside walk access improvements upstream of New Mills	360				80	150	70	60
Kett's Country Trail	85		85		85			
Burlingham Trails Attractions and Facilities Project - including disabled access path, improved car park and toilets	240		240			240		
Burlingham Trails Cycling and Walking Routes- formalising paths	180		180			100	80	
20 Acre Wood path replacement	90	10	80			80		
Yare Valley: Lodge Farm to Bawburgh Lakes cycle/footpath link	210	25	185			85	100	
Wymondham - Tuttle Lane ecological enhancements	30		30			10	10	10
Witton Run GI corridor- improvements of walking/cycling links	170		170			170		
South Walsham GI Project- footpath and community space	150		150			150		
West Brundall GI Project- walking links to new developments	425		425			75	350	
Carrow to Castle Wooded Ridge Walk	400		750			150	250	
Marriotts Way: Trim Track - Cossetesey	10		10			10		
Marriotts Way: Reepham surfacing and biodiversity	100		100			100		
Marriotts Way: Crossing over Taverham Road in Drayton	100		100			100		
Link from Blofield to Blofield Heath- including pedestrian crossing over a47	125		125				125	
Enhancement of Riverside Walk & open space- Bishops Bridge to Whitefriars	50		50				50	
South East Lingwood GI Connectivity- access to new development	25		25				25	
South Walsham Fen Access	35		35				35	

Hellesdon to Drayton Greenway- creating a green corridor, walking/cycle link (continues to 2027)	170		105				34	34
Drayton to Horsford Greenway- creating a green corridor, walking/cycle link (continues to 2027)	300		295				59	59
Long Distance Cycle Loop	75		75				75	
Local walking circulars with links to pubs, restaurants and cafes- creating 7 circular walks by formalising existing paths	35		35				35	
GI Total/Potential future IIF commitment				0	793	1,554	1,327	192

COMMUNITY

Project/Scheme Description	Total Estimated Scheme Cost (£,000)	Funding secured	Funding need					
				2019/20	2020/21	2021/22	2022/23	2023/24
Brook & Laurel Farm Community Building	500	200	300				300	
Strategic play - replace play equipment in 5 City parks (project continues to 2025)	430		430		115	100	115	100
Tuckswold library self access improvement	43		43		43			
West Earlham library self access improvement	43		43		43			
Hingham library self access improvement	20		20		20			
New Swimming Pool and Sports Hall in Diss	10,000-12,000		1,600		1,600			
Artificial Grass Pitch in Diss	500		500		500			
New Sports Hall in Thorpe St Andrew	2,700	1,000	2,700					1,700
Rackheath Community Building	500		500					500
Community Total/Potential future IIF commitment				0	2,321	100	415	2,300

Potential future IIF commitment	2019/20	2020/21	2021/22	2022/23	2023/24
Education	2,000	2,000	2,000	2,000	2,000
Transport	0	200	300	0	0
Green infrastructure	0	793	1,554	1,327	192
Community	0	2,321	100	415	2,300
TOTAL	2,000	5,314	3,954	3,742	4,492

GREATER NORWICH GROWTH PROGRAMME
Projects supported by borrowing highlighted in grey

							Actual CIL spend to date						Profiled CIL drawdown for future years					
Ref	Expenditure	Status	Theme	Project Budget	Other funding	CIL funding	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	
Agreed 2014/15 Growth Programme																		
GP1	Harrisons' Wood	Ongoing	Green Inf.	(45)		(45)			(15)	(16)	(4)	(10)	45					
Harrisons' Wood secured funding (S106)				45														
GP2	Danby Wood			Complete	Green Inf.	(35)				(26)								
(35) GP3	Marston Marsh			Complete	Green Inf.	(30)				(24)	(1)							
(30) GP4	Earlham Millennium Green - Phase 1			Complete	Green Inf.	(15)				(3)								
(15) GP5	Riverside Walk			Complete	Green Inf.	(70)				(17)	(31)							
(51) GP6	Marriott's Way - Phase 1			Complete	Green Inf.	(60)				(60)								
(60) GP7	Norwich Health Walks	Complete	Green Inf.	(40)				(38)										
Agreed 2015/16 Growth Programme																		
GP8	Earlham Millennium Green - Phase 2	Complete	Green Inf.	(66)						(52)								
(66) GP9	Marriott's Way - Phase 2	Complete	Green Inf.	(250)						(236)	(1)							
GP11	St Clements Toucan Crossing			Complete		Transport						(113)						
(113) GP13	Eaton Interchange			Ongoing		Transport						(100)						
(100) GP13b	Roundhouse Way			Ongoing		Transport						(50)						
(50) GP16	Golden Ball Street (NATS)			Complete		Transport				(1,023)								
(1,023) GP17b	A140 Corridor			Not Started		Transport						(200)	(750)					
GP10 - 17b NATS Programme 2015/16 - 2019/20							Ongoing	Transport	(29,521)	(27,285)	(2,236)							
												(1,023)	(463)	(750)				
Agreed 2016/17 Growth Programme																		
GP19	St Faiths to Airport Transport Link	On Hold	Transport	(1,000)		(1,000)				(20)					(980)			
GP22	Pink Pedalway - Heathgate	Complete	Green Inf.	(250)	(100)					(150)								
(150) GP23	Carrow Bridge to Deal Ground riverside path	On Hold	Green Inf.	(350)	(250)						(29)							
GP24	Colney River Crossing (NRP to Threescore)	Complete	Transport	(422)	(251)						(48)	(123)						
GP25	NDR	Complete	Transport	(178,450)	(138,450)	(40,000)				(40,000)								
GP26	Long Stratton Bypass	Not Started	Transport	(20,000)	(10,000)	(10,000)							(561)		(2,000)	(3,000)		
Agreed 2017/18 Growth Programme																		
GP27	Lizard and Silfield Nature Reserves	Ongoing	Green Inf.	(40)		(40)							(40)					
GP29	Barn Road Gateway	Ongoing	Green Inf.	(40)		(40)						(40)						
GP30	Sloughbottom Park - Andersons Meadow	Ongoing	Green Inf.	(250)		(250)						(250)						
GP31	Riverside Walk accessibility improvements	Ongoing	Green Inf.	(200)		(200)							(200)		(150)			
GP32	Broadland Way - Green Lane North to Plumstead Road	Not Started	Transport	(150)														
GP33	Strumpshaw Pit Circular Walk	Ongoing	Green Inf.	(60)	(25)	(35)						(35)						
GP34	Cringleford N&N strategic connections	Not Started	Green Inf.	(68)		(10)							(58)					
(58) GP36	Castle Gardens	Ongoing	Green Inf.	(220)		(70)							(150)					
GP37	Long Stratton Sports Hub	Ongoing	Community	(2,545)	(2,045)	(500)						(500)						
GP38	Football pitch improvements	Ongoing	Community	(100)		(100)						(10)	(30)	(30)	(30)			
GP39	Hales cricket and bowls clubhouse improvements	Ongoing	Community	(160)	(130)	(30)					(5)	(6)	(19)					
GP40	Ketts Park Sports Hub: Wymondham	Ongoing	Community	(800)	(550)	(250)						(250)						
GP41	Wroxham Library: self service improvements	Ongoing	Community									(120)						
GP42	Plumstead Road Library: self service improvements	Ongoing	Community	(153)	(33)	(120)												
GP43	Diss library: self service improvements	Ongoing	Community															
GP44	Education	Ongoing	Education	(2,000)		(2,000)					(2,000)							
Agreed 2018/19 Growth Programme																		
GP45	Green Pedalway- junction improvements	Ongoing	Transport	(560)		(560)						(500)	(60)					
GP46	MW: Thorpe Marriott to Costessey	Not Started	Transport	(100)		(100)						(100)						
GP47	UEA to Eaton Boardwalk	Ongoing	Green Inf.	(30)		(30)						(5)	(25)					
GP48	Wherryman's Way: Yare Valley Cycle Route	Not Started	Green Inf.	(23)		(23)						(23)						
GP49	Earlham Millennium Green Improvement Project: Phase	Not Started	Green Inf.	(25)		(25)						(25)						
GP50	Yare and Wensum Valleys Link (Norwich, Broadland	Not Started	Green Inf.			(170)							(75)	(95)				
(170) GP51	Green Infrastructure: Access for All	Ongoing	Green Inf.			(150)						(30)	(30)	(30)	(30)	(30)		
(150) GP52	Thorpe Marriott Greenway	Not Started	Green Inf.			(105)							(70)	(35)				
GP53	MW: Surfacing Works (Drayton)	Not Started	Transport	(85)		(85)						(85)						
GP55	Community Sports Hub - Horsford	Ongoing	Community	(1,000)		(1,000)						(1,000)						
GP56	Harleston Library self-access improvement	Ongoing	Community	(35)		(35)						(35)						
GP57	Costessey Library self-access improvement	Ongoing	Community	(35)		(35)						(35)						
GP58	Loddon Library self-access improvement	Ongoing	Community	(35)		(35)						(35)						
GP59	Earlham Library self-access improvement	Ongoing	Community	(35)		(35)						(35)						
GP60	Mile Cross Library self-access improvement	Ongoing	Community	(35)		(35)						(35)						
GP61	Education	Not Started	Education	(2,000)								(2,000)						
	Cash reserve										(863)	(863)	(657)					
	(2,383) Borrowing costs									(573)	(2,057)	(2,065)	(2,065)	(2,096)	(2,096)	(2,211)	(2,383)	
TOTAL																		
Pooled funding requirement of Growth Programmes excluding borrowing and cash reserve																		
									(183)	(506)	(3,109)	(5,750)	(1,462)	(1,320)	(60)	(30)	-	
Pooled Funding Requirement including borrowing									(183)	(1,079)	(5,166)	(7,815)	(3,526)	(3,416)	(2,156)	(2,241)	(2,383)	
Actual CIL Income							56	851	2,490	3,215	3,334							
Pooled CIL Projection (Amended)								1,109	2,620	5,657	4,720	5,544	3,964	7,090	7,506	7,091	7,076	
Yearly Pooled CIL Surplus / (Deficit)							56	851	2,307	2,136	(1,833)	(2,271)	437	3,674	5,350	4,850	4,693	
Cumulative Pooled CIL Surplus / (Deficit)							56	907	3,214	5,350	3,517	1,246	1,684	5,358	10,708	15,558	20,251	
Cash Reserve Pot Surplus / (Deficit)							.	.	.	.	863		2,383	2,383	2,383	2,383	2,383

APPENDIX C - Project Updates

Updates for current delivery only. Projects completed in previous years are not included.

Broadland

GP1

Early Delivery of Public Access to Harrison's Plantation: £45,000

Norfolk County Council's Natural Environment Team delivered a completed Woodland Management Plan in June 2015. This woodland management plan focused on Harrison's Plantation and the Breck. Further work relating to Boar Plantation has been deferred. Initial works to ensure that Harrison's Plantation and the Breck were suitable for public access were undertaken between August 2015 and January 2016. The woods, now referred to as Harrison's Wood, were opened to the public in May 2016. At the time of writing, work to complete the formal transfer of land into public ownership is ongoing (pending agreement over land originally designated for a Bus Lane) whilst final works are being completed by the end of the financial year - including general tree-safety work and addressing site drainage by installing a culvert.

GP 19

St Faiths Rd to Airport Transport Link: £1,000,000

In total £1m of CIL funding was allocated to this project. This funding was split equally between 2016/17 and 2017/18. This funding has now been re-profiled.

Initial scheme feasibility ruled out the immediate possibility of a direct link between Hurricane Way and St Faiths Road, as this would have likely required the relocation of an existing owner occupied business premises. Further scheme development has focused on the Meteor Close to Repton Avenue link, with initial traffic modelling completed by Mouchel in June 2016.

The modelling indicated that the completion of an all traffic link between Meteor Close and Repton Avenue would benefit existing traffic problems at the junction between Hurricane Way and St Faiths Road without significant impact on other road and junctions in Old Catton. Public consultation was due to take place on the construction of a link between Meteor Close and Repton Avenue in early 2018. Following pre-consultation engagement with local members the planned consultation was deferred to enable further consideration of:

- the need for the link,
- the routing of the link into the Airport Industrial Estate,
- the optimum timing of the link's delivery
- whether any interim status, such as the initial creation of a bus only link, is appropriate.

Additional feasibility is currently being undertaken alongside negotiations with the developer of the land north of Repton Avenue. This is expected to be completed by the end of 2018. Following completions of feasibility and negotiations a decision will be taken about the delivery of the project.

Whilst the project, if implemented, is not expected to utilise all the allocated funds, it remains judicious at this point to retain any unused element of the CIL funding allocation in order to ensure, as far as practicable, a complete link to St Faiths Road, of an

appropriate standard, can be delivered. Any unused funding will be released back into the pooled CIL for reallocation.

GP32

Broadland Way (Thorpe St Andrew to Wroxham Cycle and Pedestrian facilities): £150,000

Feasibility / scheme development was undertaken during 2015/16 and further work in 2016/17. Funding was agreed in the 2017/18 AGP for £150k to deliver a section of the scheme between Plumstead Road and Green Lane. However, delivery is currently on hold whilst more work is undertaken to define aspects of this project.

GP33

Strumpshaw Pit Circular Walk: £35,000

There is potential to expand the dog walking capabilities of Strumpshaw Pit, which is owned by Norfolk County Council. This could be achieved through additional parking, which would increase the accessibility and usage of the site. In addition, provision of cycle racks will provide for other users.

Strumpshaw Pit is currently owned by Norfolk County Council, and includes a circular walk around a closed landfill site with various wildflowers growing. It is commonly used by dog walkers but is not fully accessible. Additional parking would increase the accessibility and usage of the site. In addition, provision of cycle racks will provide for other users.

Part one of the project includes improvements to the landfill gas infrastructure and part two involves improved parking facilities for cars and bicycles. Match funding has been sourced to enable the delivery of the wider project which also includes improvements to the access to the circular walk and consideration for the biodiversity improvements along the path. Part one is expected to be delivered in spring 2019 and part two in autumn 2019.

GP52

Thorpe Marriott Greenway: £105,000

The Thorpe Marriott Greenway is designed to promote better greenspace and access in the Thorpe Marriott area. To create the greenway, a path will be established through the current tree belt that will link the Thorpe Marriott estate, the Marriott's Way, Nabour Furlong, Pendlesham Rise, Littlewood (three woodlands owned by Broadland District Council) and the Broadland Northway green bridge that leads to Drayton Drewray. This will also help to deliver the identified Thorpe Marriott to Hevingham Secondary Green Infrastructure Corridor (S6). The project is expected to begin in March 2019.

GP53

Marriott's Way: Surfacing Works (Drayton): £85,000

This is part of a programme of projects being developed through the Marriott's Way Implementation and Delivery plan, which have been informed by public and stakeholder consultation in 2015. This project covers the section of Marriott's Way at the rear of the Tesco supermarket in the Drayton area (between Fakenham Road and Taverham Lane) and involves surface improvements and work to reduce the gradient of access ramps to allow better accessibility.

Improvement of this section will fit into the ongoing surface improvement between Norwich and Thorpe Marriott to improve cycle commuting into the city. Site investigations

have been underway but delivery is delayed to achieve economies of scale with other projects (including GP46). The start date is expected to be Autumn 2019-20.

GP55

The Nest-Community sports Hub Horsford Manor site: £1,000,000

Norwich City Community Sports Foundation (CSF) has obtained the Anglia Windows sports site at Horsford Manor within Broadland District to develop a large scale "Community Hub" that will provide inclusive facilities for the growing community.

Named 'The Nest' it will comprise: An indoor sports facility comprising full size 3G football pitch, full size sports hall, indoor gym and associated changing facilities, cafe, learning space, classrooms and office, 10 sleeping pods to be used for residential training courses, external spectator stand and associated parking, and an outdoor gym,. It will be the only full 11 aside indoor football pitch in the region that is open to the public. Alterations to access and infrastructure will be necessary to delivery these facilities.

Phase 1 (pitches, clubhouse and sleeping pods) is complete and operational. Phase 2 (which this CIL funding is supporting) has received outline planning and the application for reserved matters has been submitted to Broadland District Council. Works are expected to commence February 2019

An official opening took place on 13th September with over 150 guests including representatives from the GNGB. Operationally, the site engaged with a total of 1,603 people during the first month of opening.

Organisations already using the site for training events include Clarion Housing, Broadland Housing, Anglian Training, Norfolk County Council Children Services plus 450 people have used the facility for Football matches and training.

Norwich

GP13

Eaton Interchange: £100,000

Works completed end August 2018, need for some remedial works has been identified. The project included the construction and implementation of the following:

- Reducing traffic speeds through traffic calming and a 20mph restriction.
- Widening the cycle track from the Cellar House to Newmarket Road. This will see an increase from 1.5m to 3m, allowing for two-way cycle flow.
- Increasing maximum stay to two hours in the existing parking area outside the old Post Office on Eaton Street.
- Installing double yellow lines on the remainder of the slip road past the Cellar House and extending these further into Eaton Street.
- Moving the vehicle stop line back in Bluebell Road so buses and other large vehicles can turn left from Eaton Street more easily.

- Additional detection and optimising of signals sequence for right turning vehicles.
- Resurfacing the carriageway and improved lining within the junction.
- Providing an on-carriageway feeder lane, Advance Stop Line (ASL) and a new cycle traffic signal on Eaton Street for cyclists going straight ahead at the junction. This will mean safer access and waiting at the crossroads and allow cyclists a green signal in advance of general traffic, providing a head start towards the slip road going uphill.
- Simplifying pedestrian crossings in the centre of Eaton.
- Installation of 'gateway signs' on the main route into Eaton village at Cringleford.

GP17b

Bus Priority and sustainable transport improvements, A140 corridor (North City): £950,000

The primary objective of this project is to implement on-carriageway bus priority measures through the reallocation of road space on the A140 Cromer Road north of Norwich city centre. This will enable the benefits of the NDR to be realised by improving bus journey reliability and bus service performance as well as having a positive impact on bus patronage. The scope of the project has also been expanded to look at potential improvements to the pedestrian crossing facilities at the Fifers Lane I A140 junction as well as looking at potential cycling improvements along the A140 corridor, primarily between the NDR and Fifers Lane.

Modelling work is currently underway looking at the potential installation of bus lanes on both approaches to the Boundary junction. Signal improvements are being considered at the Woodcock Road I A140 junction to improve efficiency for all users. In addition, work to look at installing detectors on pedestrian crossings so they are not triggered unnecessarily is ongoing. The date of works to begin is still to be confirmed.

GP23

Carrow Bridge to Deal Ground riverside path: £100,000

Delivery of a short section of cycle I footway on north bank of the River Wensum. This will provide a key 'missing link' in the route between Norwich city centre I rail station and Whitlingham Country Park. Planning approval is in place for a 150 metre stretch of riverside walk. Delivery of the project cannot be programmed until Broadland Housing Association's adjoining site has completed their connecting section of riverside walk, probably during late 2019-20. Discussions between Norwich City Council and BHA are ongoing with the aim of confirming the construction date.

GP24

Colney River Crossing (NRP to Threescore): £171,000

Creation of a walking route between Bowthorpe and the Norwich Research Park through the construction of a new footbridge and improvement of the connecting footpath from Bowthorpe Southern Park to Bowthorpe Centre and the associated open space at The Runnel. CIL funding was initially awarded in 2016/17 with an additional £21,000 approved

in 17118. The bridge is now finished and open for use. The CPO process is continuing with official handover of the structure to the County Council progressing - final completion anticipated in December 2018.

GP29

Marriotts Way- Barn Road Gateway: £40,000

Improvements to the gateway to Marriott's Way to improve legibility and raise the quality of this important entrance. Design work is complete and has been sent to contractor for pricing. The consultation period has finished. Traffic Management costs are higher than budgeted so additional funding is being sort. Completion of works is currently programmed for March 2019.

GP30

Marriotts Way Sloughbottom Park - Anderson Meadow: £250,000

Improvements to a section of the route to increase safety, comfort and personal security. Works include path widening, realigning, providing street lighting, improving an adjacent storm drain, vegetation management, tree planting, and drainage improvements. Topographical survey and design works are complete. Street lighting costs are higher than budgeted and are being reviewed. There has been some slippage with the programme but it remains feasible to complete works as expected by the end of March 2019.

GP31

Riverside walk accessibility improvements: £200,000

The project aims to enable the use of the Riverside Walk (between New Mills and Carrow Bridge) by all, including access measures on and adjacent to the walk, and improved signage and waymarking linking the river with the city centre and other key attractions. Project delivery has slipped due to staff resource but work is expected to start on site in summer 2019.

GP36

Castle Gardens: £150,000

Restoration and improvement works to Castle gardens to promote the use of the gardens as a linear park. Restoration works will safeguard the gardens for future use whilst planned improvements will ensure that the gardens can be maintained within the available budgets. The linkage to the gardens from the surrounding street scene will be enhanced along with improved linkages to the castle and green. There has been slippage with the programme but works continue, with design and planning expected to be finalised summer 2019 and construction works commencing Autumn 2019.

GP38

Football Pitch Improvements: £100,000

Football pitch improvement works at Eaton Park, Sloughbottom Park, Britannia Barracks and Fountain Ground including drainage improvements, improved grass species and improved goal facilities through the provision of new posts, nets and additional ground sockets. This will permit moving the pitches annually to prevent excessive wear, improving the playability of the pitches and increasing capacity. A pitch improvement inspection has been carried out and the final report has just been received. Project start on site is still to be confirmed.

GP45

Green Pedalway - Earlham Road section: £560,000

The Green Pedalway project sees a comprehensive upgrade and extension to this strategic cycle route. This project relates to improvements to the Earlham Road (B1108) junction with Mill Hill Road and Heigham Road. This project has been combined with cycle ambition funding awarded by the Department for Transport for safety improvements at the Earlham Road (B1108) | Outer ring road (A140) roundabout and along the length of Earlham Road between the outer ring road and Heigham Road. The planning consultation period is complete and the project is undergoing a detailed design process.

GP47

UEA to Eaton Boardwalk extension: £30,000

The project aims extend the existing boardwalk which forms part of the Yare Valley Walk between UEA and Eaton/Cringleford. The boardwalk currently only extends half the length of the path from the UEA to Eaton/Cringleford. Planning permission would be required for the boardwalk. Awaiting Environmental Permit from Environment Agency. Contractor appointed and on site.

GP49

Earlham Millennium Green Phase 3: £25,000

Earlham Millennium Green (EMG) provides both an attractive area for the local community to enjoy and a variety of wildlife habitats. EMG also forms a valuable link for pedestrian access connecting Bowthorpe, West Earlham, the UEA and the Research Park. With the Three Score developments progressing, this route is likely to increase in importance and there are opportunities for improvements that would encourage more people to walk rather than use their cars. Facilities such as path surfacing and gates will need to be more robust to handle this increased level of use and to ensure that the natural habitats and amenity value of EMG and the adjacent sites are not compromised. EMG and the adjacent areas, which include Earlham Marsh, are already well-loved by many local residents and a higher standard of amenities would increase the site's value to the community. A local scout pack has already expressed interest in using the site for leisure and educational activities.

The main pedestrian route through EMG has already been improved and upgraded under Phase 2 of a CIL funded improvement project. Under an earlier Phase 1, habitat improvements were undertaken including refurbishment and enlargement of the wildlife pond. The current proposals seek to build on this work by:

- Improving links to the main route through the site from Bowthorpe, and from West Earlham via George Fox Way;
- Refurbishing and improving existing but 'tired' entrance features such as estate fencing and gates;
- Provision of a new, high quality interpretative signboard;
- Replacing 3 worn-out timber pond and river dipping platforms with more durable recycled plastic versions; and
- Refurbishing an existing timber footbridge connecting EMG with Earlham Marsh

A start date is expected to be confirmed soon for the refurbishment of the entrance features and removal of the foot bridges.

GP50

Yare and Wensum Valleys Link: £170,000

The River Wensum and Yare run close together in the west of the city between Marriott's Way near Gunton Lane and the Three Score development site. The link between the two river valleys is a recognised green infrastructure corridor and the route of the purple pedalway. The first phase of this project is supported through s106 allocation at Bunkers Hill. The CIL funded element of the project is now expected to commence 19/20.

South Norfolk

GP13b

Roundhouse Way: £50,000

Development of a new bus interchange at Roundhouse Way, Cringleford. Land negotiations are still underway and at the time of writing the statutory consultation period for a revised S73 Planning application has closed, but an extension has been requested for the NCC Environment Team's response. A Decision is anticipated in early December 2018.

GP27

Protection/enhancement of the Lizard and Silfield Nature Reserve, Wymondham: £40,000

To protect and enhance the Lizard and Silfield Nature Reserve by the creation of alternative green infrastructure routes (such as new permissive footpaths) for recreational access. The project will identify and agree new routes, which will be developed as appropriate. Necessary infrastructure such as stiles, fencing, signagelway marking, hedgerow planting, restoration and interpretation, localised publicity will be provided to encourage and manage use of the network. Awaiting landowner agreement for Public Right of Way to be finalised before works can be proceed. Expected start on site early spring 2019.

GP34

Cringleford N & N Strategic Connections: £58,000

Green infrastructure projects of various types to link N&N Hospital, Yare Valley Walk in Cringleford, and the A47 corridor. Delivery is on hold whilst discussions continue with developers of proposed developments in the area, with the expectation that they will bring forward elements of this project as part of their schemes.

GP37

Long Stratton Sports Hub: £500,000

The project aims to bring together South Norfolk Council, Long Stratton High School and Long Stratton Parish Council to improve the sport and leisure facilities in the village in anticipation of significant housing growth. There will be a new sport and leisure 'Hub' across three adjacent sites with new and enhanced facilities that are fit for purpose and better suited to the current and future needs of local residents. Management will be

shared across the three sites, resulting in economies of scale and efficiencies in service delivery. Match funding was received from the community asset fund in April.

Works at the leisure centre progressed well despite being delayed by the discovery of asbestos in some areas. Expected handover date now spring 2019

Cost certainty work for pool project is nearing completion - expected late November. Sport England funding is also secured to support that project.

Long Stratton PC pavilion tenders now received - application for match funding from Football Foundation now submitted, decision expected early 2019. If this is not successful it the Parish Council will explore borrowing opportunities to support this project.

GP39

Hales cricket and bowls clubhouse improvements:£30,000

There is an identified need for a replacement pavilion to serve Loddon and Hales Cricket Club and Hales Bowls Club on their shared site on Green Road. The latter had been forced to relocate to the current venue as a result of housing development on their previous site off Yarmouth Road in Hales. The proposed new pavilion will give both clubs a permanent home in spaces that meet their respective needs, allowing them to develop and grow participation across a range of ages.

Capacity within this volunteer-run club is causing delays to project delivery but SNC Officer is liaising with the club to discuss the delivery options. Phase 1 is to create new access to the site, which is a planning condition. This has been delayed due to the discovery of a water main underneath the proposed access route, which either needs to be rerouted or lowered. Awaiting quote from Anglian Water to undertake this work.

Phase 2 is the delivery of new pavilion - will require additional capital to be secured from external funders, and not expected to begin until 2019.

GP40

Ketts Park Sports Hub, Wymondham: £500,000

Ketts Park has been identified as being a location that would be suitable for a sports hub, the provision of which can ensure that there are economies of scale in outdoor sports delivery and that clubs can benefit from shared and jointly managed facilities. It is proposed to provide a new full-size, floodlit artificial grass pitch (AGP) on the site which would take advantage of existing infrastructure. With tennis also being available on the Ketts Park site the agreement for creating one of these hubs is strengthened, and significant gains in sporting participation could be achieved. Forthcoming housing is expected to increase demand for pitches in Wymondham, and the carrying capacity of a full-size AGP will help to ensure that the quality of existing natural turf pitches (whose drainage will be improved as part of this project) is not compromised in the future. This is a large strategic project supported by multiple funding bodies.

Delivery of the AGP is now complete with handover to South Norfolk Council from the contractors on 30/11/18. The delivery of the tennis element of the project has been delayed because the Lawn Tennis Association temporarily suspended their capital grants programme. An application is expected to be submitted early 2019.

GP48

Wherryman's Way: Yare Valley Cycle Route: £23,000

Improve the Yare Valley Cycle Route (which follows the Wherryman's Way), through creating signage and route improvements. Delivery has been postponed until Spring 2019 to allow for works to link into the Great Yarmouth cycle signage (which is being funded through the LEP Growth Fund). The LEP funded work is delivering a range of cycle signage through Great Yarmouth and any signage linking into the wider network. The signage will link Great Yarmouth's recreational circular cycle loop with the Wherryman's way circular to create two circulars and a single route that connects Norwich and Gt Yarmouth cycling networks together.

Greater Norwich area-wide

GP46

Marriotts Way Thorpe Marriott to Costessey

To improve access to and on the Marriott's way between Thorpe Marriott and Costessey. This will create an improved commuting route from Thorpe Marriott to the city. The full project brief has been developed but timetable for delivery is yet to be agreed with Tarmac. This project is being linked to others to achieve economies of scale. (incl GP53) Access to the site is being investigated, and project delivery is programmed to begin May 2019.

GP51

Green Infrastructure, Access for All: £150,000 (delivery over five years)

A number of Green Infrastructure trails across the Greater Norwich area have been audited for both power chair use and general accessibility and to identify the improvement works necessary to allow such access. This project implements a range of smaller scale accessibility improvements across various projects and areas.

Delivery in 18119 has been supported by numerous match funding including private land owner contributions. This has allowed the scope of the project to expand so that access improvements have been made to the full length of the Boudicca way (over 30 miles). Works have included dropped kerbs to allow chair access, removal of stiles, bridging of cattle grid, widening of gates and paths, and path resurfacing to smooth uneven surfaces

The next tranche of works is being planned for 19120 and will be based on the Wherryman's Way.

GP 41-43 & 56-60

Communities-Library self-service and access improvements (8 projects): Total £295,000

These projects will introduce self-service technology that enables people to use the library outside the current opening times. The technology allows the library service to automatically control and monitor building access, self-service kiosks, public access computers, lighting, alarms, public announcements and customer safety. Each library will be able to have increased opening hours, making access to the library more convenient

for current and new customers without an increase in staff costs. This is a great opportunity for libraries to be accessible and relevant to more people.

GP41 Wroxham Library

Installation of the Open Library system and the public toilet are complete. The system is live and the public toilet is complete. A DDA compliant access ramp will be completed for handover on 3rd December 2018

GP42 Plumstead Road Library

This library does not have any off-road parking for bikes or cars. The nearby on street parking is limited which means that some customer groups find it difficult to use the services available at the library. This project includes the development of an onsite car park as well as the access improvements.

Preliminary site preparation works have begun which includes cell burial of the Japanese knot weed. Works will be completed by Friday 30th November for formal handover on Monday 3rd December. Final stages of the Open Library works to be completed week commencing 3rd December 2018.

GP43 Diss Library

All works have been completed, and Open Library will be introduced as soon as staff training is completed pending appointment of a Library Manager.

GP 56 Harleston Library

All works have been completed in readiness for going live on 3rd December.

GP57 Cosstessey Library

All works have been completed in readiness for going live 10th December.

GP58 Loddon Library

Works currently being carried out with likely completion date for 'open libraries being Thursday, 29th December 2018. Minor alteration to the shared front door (electronic lock) to be completed by Christmas.

GP59 Earlham Library

All works have been completed in readiness for going live on 7th January.

GP 60 Mile Cross Library

All works have been completed in readiness for going live on 7th January.