

# Greater Norwich Growth Board

## Greater Norwich Infrastructure Plan

July 2016



Jobs, homes, prosperity for local people



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## **Appendix 1 Infrastructure Framework**

This section lists all the currently planned strategic infrastructure projects.

# 1. Introduction

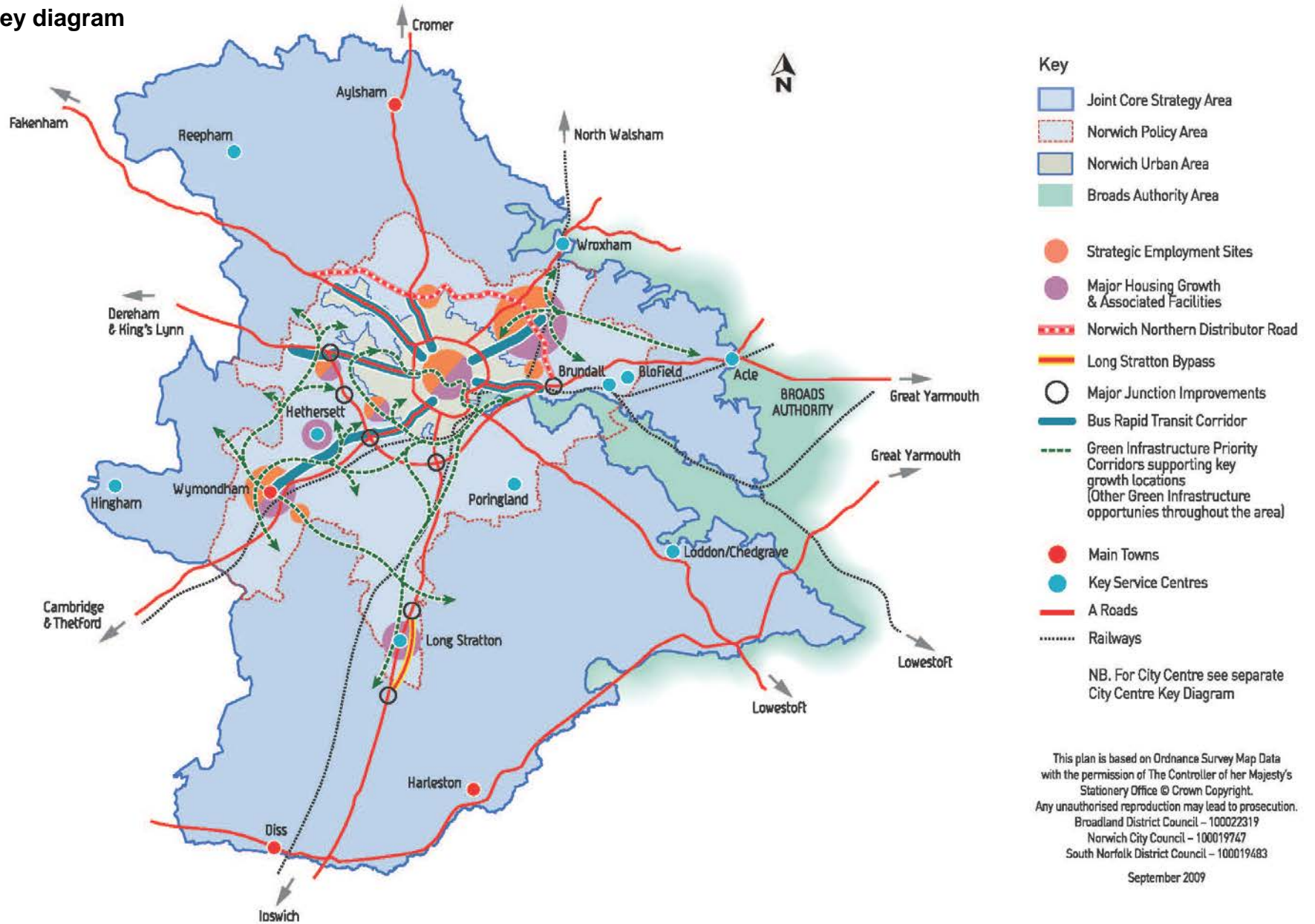
- 1.1 The Greater Norwich area, covering the districts of Broadland, Norwich and South Norfolk, is a key engine of growth for the United Kingdom. The Joint Core Strategy for the area (JCS) aims to deliver 27,000 jobs and 37,000 homes between 2008 and 2026. Greater Norwich is one of the fastest growing 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 and 3,000 homes to the area, as well as 6,000 jobs in construction. 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 There are three strands to the City Deal – Enterprise, Skills and Infrastructure. As part of the deal, the government announced £3.9m of funding for the LEP-wide enterprise and innovation element, while the 'skills for growth' aspect, worth £4m, was secured in October 2013.
- 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 environment<sup>1</sup>. 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 Greater Norwich Infrastructure Plan 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 Greater Norwich Infrastructure Plan 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.

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<sup>1</sup> 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 move them towards fully fledged Bus Rapid Transit, elements of the green infrastructure network and extensions to cycle routes.
- 1.9 The Greater Norwich Infrastructure Plan 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.
  - The original evidence identified the need for pre-school places separately. In fact, these places are delivered in new primary schools having taken account of any capacity in existing provision. Consequently, pre-school provision no longer appears as a separate line.

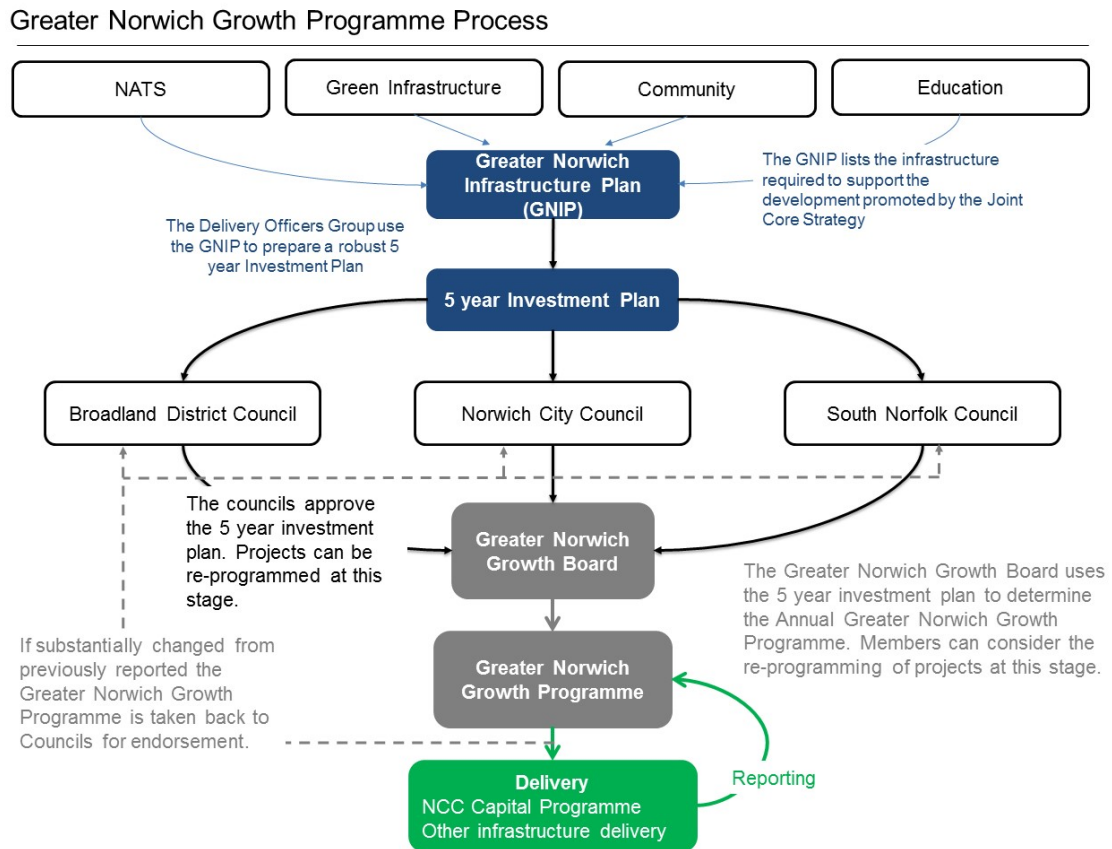
Figure 1: Key diagram



## **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. To help fund the programme about £72m of Community Infrastructure Levy is identified from the housing trajectory (excluding the proportion retained for local communities).
- 2.3 Estimates for the total forecast amount of CIL collected over the plan period have reduced over the past few years, in part due to the increase in exemptions granted. It must be noted that no estimates have been made for inflationary increases in either CIL forecasts or infrastructure costs in many cases. The funding gap is also 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. This year, for the first time, the councils will produce a Joint Investment Plan (JIP) based on this GNIP. The first year of the JIP will be presented to the Greater Norwich Growth Board as the proposed Annual Growth Programme. The councils manage this 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 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 Postwick Hub is now complete. The Northern Distributor Road has been approved through the Nationally Strategic Infrastructure Projects process and construction has now started on site, with completion scheduled for early 2018.
- 2.8 A major improvement at Thickthorn to address existing and future problems has been included in the trunk road programme 2015-21. The scheme had previously been identified in the Infrastructure Framework with an expectation that it would be developer funded at an indicative cost of £30m. The Government announcement essentially releases this level of CIL investment for other elements of the Infrastructure Framework. The £2m LGF previously allocated for Thickthorn has been switched to Longwater in 2015/16-17/18.
- 2.9 The Norwich Area Transportation Strategy is a New Anglia Strategic Economic Plan priority. The New Anglia Growth Deal announced in July 2014, and the more recent (February 2015) Growth Deal 2 announcement, confirmed Local Growth Funding of £11m for scheme delivery from 2015-2020. Final sign-off of the funding will be made by the New Anglia Local Transport Body (the Local Transport Body is 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 Improvements for buses, cyclists and pedestrians, which also improve the public realm in the city centre have been introduced. These schemes funded from a variety of sources, include projects on Grapes Hill, Chapelfield North, Theatre Street, Rampant Horse Street, St Stephens Street, Tombland, St. Augustines, Westlegate and Red Lion Street. The schemes contribute to the longer term programme to implement a 20 mile per hour limit throughout the city centre and to reduce through traffic.
- 2.11 These improvements are partly funded by £3.7m Cycle City Ambition Grant, awarded in August 2013, which, with match funding, has led to over £5.5m investment in cycling for the period up to March 2016. A successful second round bid in February 2015 awarded a further £8.4m which, with match funding provides £15.4m investment for the period up to March 2019.



### **3. Key Infrastructure**

- 3.1 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 and recreation. 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**

- 3.2 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.
- 3.3 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.
- 3.4 Green infrastructure is identified in the Strategic Infrastructure Programme.

#### **Transport**

- 3.5 Provision is guided by the Norwich Area Transportation 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
  - taking additional steps to improve traffic flows in the area
- 3.6 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.

## **Schools**

- 3.7 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**

- 3.8 Responsibility for waste disposal and planning, including Household Waste Recycling Centres, lies with Norfolk County Council. The County Council has to ensure that waste facilities coming forward provide adequate capacity to dispose of and/or treat all other kinds of waste, including commercial and industrial, construction and demolition, and hazardous waste.
- 3.9 There are currently seven Household Waste Recycling Centres in the area. One additional centre will be required by 2026, with the preferred location being the Old Catton, Sprowston, Rackheath and Thorpe St Andrew Growth Triangle.

## **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 through Safer Neighbourhood Teams will require new local facilities in major growth locations, though there may be scope to co-locate these with other community facilities. Norfolk Constabulary has indicated the need for a deployment base at Postwick junction and beat offices at Thorpe St Andrew and Rackheath.
- 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, fixtures and stock, upgrading or providing extra capacity at an existing library or providing a mobile service. Funding requirements may be phased throughout the Plan period dependent on the trajectory of development at any particular location.

## **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. Up to date evidence from the playing pitch and built sports facilities strategies is being used to inform prioritisation decisions and to assist 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 to explore mechanisms to ensure the cost of electricity infrastructure is shared proportionately between planned developments. No significant barriers to the delivery of require infrastructure have been identified.

## **Gas**

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

## **Water**

- 3.21 Significant investment is required in infrastructure to support growth and meet the requirements of the Habitat Regulations. Water quality is crucial, due to the number of protected sites relying on high water quality, including the Broads.

3.22 Anglian Water’s “Water Resource Management Plan 2015” covers the period 2015 to 2040. Some £25.6m of investment is proposed 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 during 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.

**Waste Water**

Growth in several parts of the area is dependent on investment at sewage treatment works. Investment in sewerage capacity is required to the north and the south of Norwich and to serve the city centre. The timing of these investments will have an important effect on the phasing of development. The partners are working closely with Anglian Water to identify the best means of ensuring infrastructure is provided in a timely manner to serve development.

**Table 1: Sewerage investment required to support major growth**

<b>Broadland : North East Growth Triangle</b>	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.
<b>Norwich</b> : Three Score, Bowthorpe <b>South Norfolk</b> : North Hethersett; Costessey, Lodge; Farm, Easton	Yare Valley sewer upgrade
Long Stratton	Strategic sewer

**Flooding**

3.23 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 flood risk.

3.24 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 Systems.

**Telecommunications**

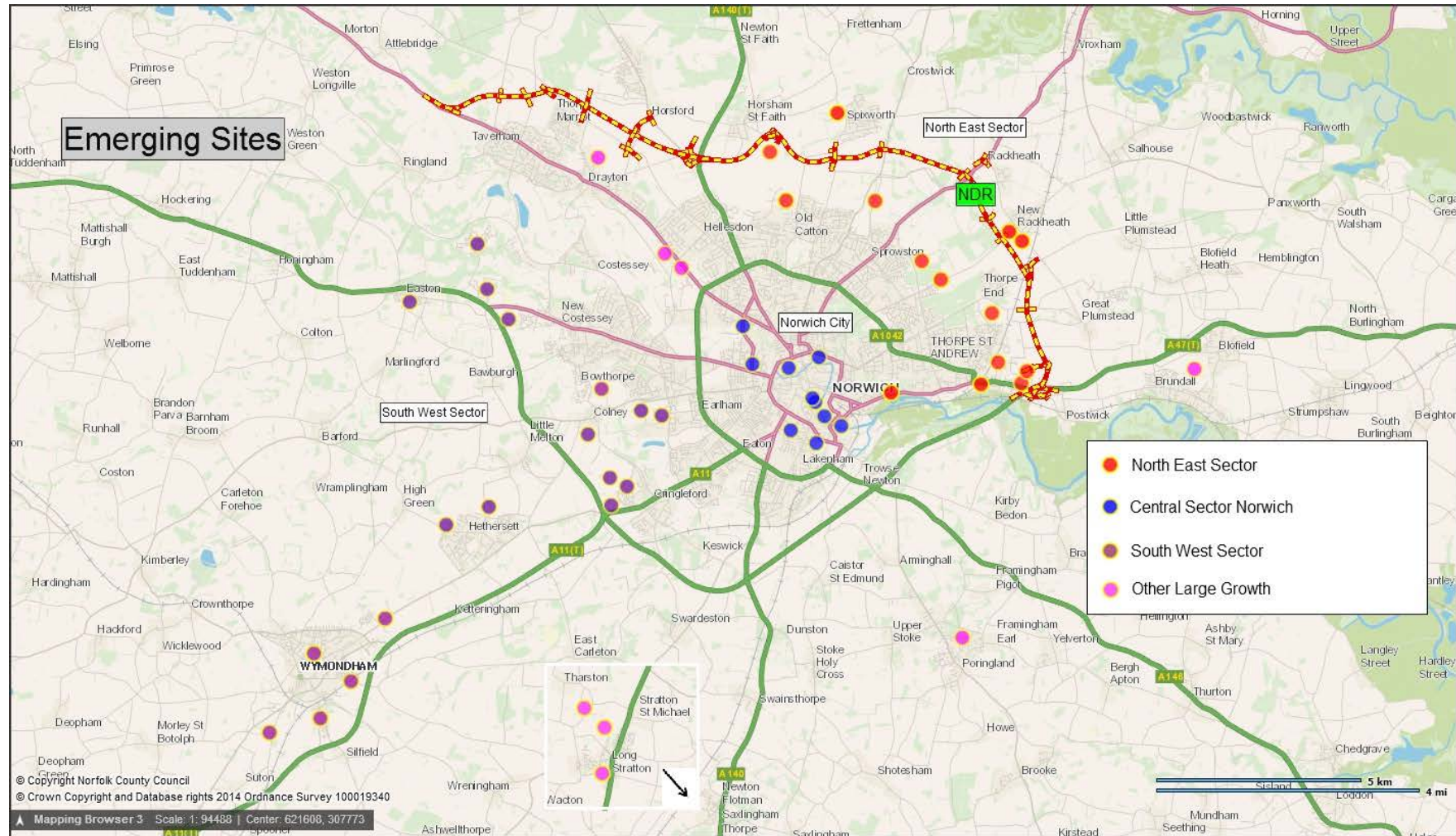
3.25 High speed and reliable broadband infrastructure is critical to economic development. It is also a key component in tackling deprivation and

improving access to services amongst disadvantaged and isolated communities.

- 3.26 The 'Broadband Strategy for Norfolk' highlights the importance of broadband to enable businesses to grow, encourage investment and reduce the digital divide and is being used to identify priorities and investment opportunities in the area.
- 3.27 The "Better Broadband for Norfolk" project began in 2012 with phase 1 completed at the end of 2015. Phase 2 was announced in January 2015. On completion the project aims to ensure that 92% of premises in Broadland, 99% in Norwich and 86% in South Norfolk, are connected to the broadband fibre network providing access to 24mb/s. The aim of the project will be to supply the majority of Norfolk with access to superfast broadband and everyone with at least 2mb/s.

## 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 illustrated on the following map:



## 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 the Joint Core Strategy seeking to deliver 10,000 additional new homes (on top of existing commitments in 2008), a 25 hectare expansion of Broadland Business Park, 25 hectares of new employment land at Rackheath and 30 hectares of new employment land at the airport. In addition, planning permissions have been granted for a 40 hectare Aeropark on the north side of the airport, and a 12,750m<sup>2</sup> office development on the old hospital site at Thorpe St Andrew.
- 4.3 Successful delivery is dependent on the Postwick Hub and the Norwich Northern Distributor Road. The Postwick Hub is now complete. The Northern Distributor Road has been approved through the Nationally Strategic Infrastructure Projects process and work has now started on delivery. The NDR is due to be completed by December 2017.
- 4.4 Broadland District Council is producing an Area Action Plan to coordinate planning and delivery across the triangle. The Area Action Plan was subject to examination in July 2015. It is expected that the Area Action Plan will be adopted in 2016.
- 4.5 Although the Area Action Plan has yet to be adopted there are already significant planning consents in the Growth Triangle that total over 5,800 dwellings. In addition, applications have already been lodged for approximately 1,300 further dwellings. While delivery will span a number of years all these are planned to be on site within the next 3 years. Emerging developments in the north east sector as a whole are summarised in table two below.

**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	2015
Land East of Buxton Road (Spixworth)	225 New Homes (minimum)	Permitted	2016/17
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	2016/17
White House Farm (Sprowston)	1233 dwellings, a link road, a primary school, and a large woodland park	Permitted (pre-CIL)	Commenced
Land Adj. Salhouse Road	79 dwellings and ancillary works	Permitted	2015

(Rackheath)			
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)	2018/19
Broadland Business Park South (Thorpe St Andrew)	5 ha undeveloped	Remainder of allocation	
Broadland Gate (Thorpe St Andrew)	c18ha of employment land associated with the Postwick Hub junction	Permitted Junction Complete	
Former northside hospital (Thorpe St Andrew)	12,750m <sup>2</sup> office development	Permitted existing buildings demolished	
Pinebanks – (Thorpe St Andrew)	231 dwellings	Permitted	2016/17
Griffin Lane - (Thorpe St Andrew)	71 dwellings & community building	Permitted	2016/17
Repton Avenue, Old Catton	Mixed Use Development of 340 Residential Dwellings with 5,640 sqm of Small Business Units (Outline)	Application Submitted	2016/17
Land South of Green Lane East, Rackheath	149 Dwellings together with Associated Access, Open Spaces & Infrastructure (outline)	Application Submitted	2017/18
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)	Application Submitted	2017/18

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



## Norwich City

4.7 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
<b>City Centre</b>			
St Ann's Wharf, King Street	Mixed use development of 437 dwellings plus retail and leisure uses	Permitted	Commenced
Moungate West	180 dwellings	Allocation	2016/17
Wherry Road	66 dwellings	Permitted	Underway (near completion)
Muspole Street	57 dwellings	Permitted	2016/17
Barrack Street	Mixed use office (20,500sqm), shop units, hotel and 200 dwellings	Permitted	Part implemented
<b>Edge of centre (Dereham Rd corridor)</b>			
Goldsmith Street	100 dwellings	Allocated	2016
<b>Edge of centre to south east sector</b>			
Aviva Car Park, Brazengate	86 dwellings	Permitted	Underway (near completion)
	Carrow Quay 250 dwellings	Permitted	2015/16
Lakenham Sports Club	75 dwellings	Permitted	Underway
<b>North west sector (Fakenham Rd corridor)</b>			
Havers Road	100 dwellings	Allocated	2017/18

4.8 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)	Underway
UEA	1,000 student bedrooms	Permitted / allocated	220 by 2015 remainder 2016/17
Norwich Research Park (UEA)	Enterprise Centre	Permitted	Underway
Norwich Research Park (Colney)	43ha available for expansion, with outline permission.  Centrum and Bob Champion Medical Research buildings completed. Quadram Institute approved.	Permitted	Underway
Roundhouse Park (Cringleford)	Approx.170 dwellings remaining (total 999 dwellings)	Permitted (pre-CIL)	Underway
Newfound Farm (Cringleford)	Up to 650 dwellings	Allocation with resolution to permit	2016/17
Land north and south of A11 (Cringleford)	Up to 650 dwellings (outline permission)	Permitted	2017/18
North village (Hethersett)	1196 dwellings (outline and some reserved matters approved)	Permitted (pre-CIL)	2016/17
Gt Melton Rd (Hethersett)	Approx. 110 dwellings remaining (total 151 dwellings)	Permitted (pre-CIL)	Underway
South Wymondham (inc. BOCM Paul & Sale Ground)	1,308 dwellings (mostly permitted in outline, some with reserved matters)	Permitted (pre-CIL)	Underway
North-west Wymondham (Norwich Common, Carpenter's Barn, Spinks Lane etc.)	Approx. 615 dwellings remaining (total 948 dwellings)	Permitted (pre-CIL)	Underway
Land adj Gonville Hall, Wymondham	320 dwellings. Appeal not being defended by SNC; Inspector's decision likely in summer 2016 (approval is presumed)	Appeal being determined	2017/18
Wymondham smaller sites	69 dwellings (allocated and	Underway	2016/17

	permitted)		
Browick Road, Wymondham	Allocation of 15ha (net) of B1, B2, B8 employment land.	Allocated	2017/18
Queens Hills (Costessey)	Approx. 360 dwellings remaining (total 1,881 dwellings)	Permitted (pre-CIL)	Underway
West of Lodge Farm (Costessey)	Approx. 470 dwellings remaining (total 495 dwellings)	Permitted (pre-CIL)	Underway
Longwater (Costessey)	6,660m <sup>2</sup> Major retail development for Next.	Permitted	Next complete
Easton	893 dwellings, remainder of allocation to be permitted.	Resolution to grant for the majority of the site	2016/17

- 4.9 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.
- 4.10 Collectively the growth at Wymondham, Hethersett, Cringleford and the NRP is dependent on an improvement at the A11/A47 Thickthorn junction and public transport corridor enhancements. A major improvement at Thickthorn has been included as a commitment in the Government's Road Investment Strategy Investment Plan with delivery commencing in the period 2015-21.
- 4.11 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**

- 4.12 There is a long-standing desire for a bypass to be constructed to improve quality of life for existing residents. Moreover, the delivery of a bypass is a prerequisite for planned growth. The Long Stratton Area Action Plan, which includes the bypass and 1,800 homes (alongside other elements) was adopted in May 2016. In addition there have been pre-application discussions with potential developers promoting land for 1800 houses and the bypass. The bypass must be delivered by the 250<sup>th</sup> 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). Development is expected to start in 2017/18.

## Elsewhere in the Norwich Policy Area

- 4.13 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, although many of the sites have already secured planning permission (due in part to the lack of a five-year land supply). 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).
- 4.14 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 Course (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 D1 use (health facility) and up to 15.45ha for informal and formal open space plus off-site highway works	Hybrid application submitted	2016/17
Hospital site (Hellesdon)	300 dwellings	Emerging allocation	2017/18
Cator Lane / Hall Road (Drayton)	200 dwellings	Permitted	2016/17
Various Blofield / Brundall)	Over 400 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	Emerging allocation	2017/18
Various Long Stratton/Tharston	170 dwellings	Permitted (pre-CIL)	Underway
Long Stratton/Tharston	2.5 ha employment land at Tharston Industrial Estate	Emerging allocation	2016/17

### Outside the Norwich Policy Area

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

Transport

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
<b>Broadland</b>	<b>NDR</b>				<b>£40m CIL</b>		<b>16,680</b>	<b>1,000</b>							
<b>South Norfolk</b>	<b>Long Stratton Bypass inc. Hempnall Crossroads and town centre improvements</b>	<b>25,000</b>	<b>25,000</b>	<b>15,000</b>	<b>Developer</b>	<b>10,000</b>	<b>6,250</b>	<b>12,500</b>	<b>6,250</b>						
<b>South Norfolk</b>	<b>Thickthorn</b>	<b>25,000 - 50,000</b>	<b>25,000 - 50,000</b>	<b>25,000 -</b>	<b>HA Capital</b>	<b>0</b>			<b>x</b>	<b>x</b>					
South Norfolk	Thickthorn park and ride expansion														
<b>South Norfolk</b>	<b>Longwater</b>														
South Norfolk	Longwater Scheme Development		2,000	2,000	LGF		500								
Norwich South Norfolk	Green pedalway including Longwater pedestrian/cycle bridge		6,000			6,000		x	x	x					
<b>South Norfolk</b>	<b>Norwich Research Park expansion, B1108 and other transport improvements</b>	<b>13,000</b>			<b>Government grant, S106, NRP</b>										
<b>Norwich</b>	<b>City Centre Measures</b>	<b>7,725</b>													
Norwich	POW Rd, Rose Lane, Ag Hall Plain		5,100	3,100	LGF/CIL	2,000	1,100	2,000	2,000						
Norwich	Golden Ball Street / All Saints Green Scheme Development		125	125	NCC Revenue										
Norwich	Delivery		2,500		LGF/CIL										
Norwich	Exchange Street closure														
Norwich	Mile Cross Promenade	200		0	poss. CIL n'hood	200	200								
Norwich	Muspole Plain	300		0	DEV/CIL	300	50	250							
Norwich	St Mary's Plain	500		0	DEV/CIL	500	150	350							
Norwich	Tombland	2000		0	CIL	2000	1000	1000							
<b>Broadland</b>	<b>Fakenham Road/Drayton High Road (including BRT and cycling)</b>														
Broadland Norwich	Fakenham Rd BRT Feasibility (Scheme Identification) - revenue		30	30	LGF										
<b>Norwich South Norfolk</b>	<b>Dereham Road Sustainable Transport Corridor (including BRT and cycling)</b>	<b>3,690</b>													
Norwich South Norfolk	Guardian Road Junction Feasibility		1,650	1,650	LGF/CIL		750	750							
	Longwater/Easton link feasibility		20	20	LGF										
	Sweetbriar Road feasibility and scheme implementation		1,600	1,600	LGF		750	750							
<b>Broadland Norwich</b>	<b>Yarmouth Road Sustainable Transport Corridor (including BRT and cycling)</b>	<b>10,000</b>													
Broadland Norwich	Yarmouth Rd Sustainable Transport Corridor Scheme Identification (BRT/Green Pedalway)		20	20	LGF		20								
Broadland Norwich	Phase 1 Delivery		tbd	tbd											
Broadland Norwich	Phase 2 Delivery		tbd	1,000	S106										
<b>Broadland Norwich</b>	<b>Salhouse Rd Sustainable Transport Corridor (including BRT and cycling)</b>	<b>4,600</b>													
Broadland Norwich	Salhouse Rd Sustainable Transport Corridor Scheme Identification (BRT/Pink Pedalway)		30	30	NCC Revenue										
Broadland Norwich	Salhouse Rd Corridor Scheme delivery Phase 1		400	400	LGF/CIL										
Broadland Norwich	Salhouse Rd Corridor Scheme delivery Phase 2														
	St Clements Hill Toucan Crossing and associated works														
	School Lane/ Chartwell Road/ Denton Road Toucan Crossing and associated works (Blue Pedalway)		120	120	CIL										
	Repton Avenue Feasibility		20	20	LGF										
<b>Broadland Norwich</b>	<b>A140 Sustainable Transport Corridor (including BRT and cycling)</b>	<b>1,929</b>													
Broadland Norwich	A140 Corridor scheme identification including analysis between City Centre and Harford (BRT/Yellow Pedalway)		60	60	LGF										
<b>Norwich South Norfolk</b>	<b>A11/B1172 Sustainable Transport Corridor (including BRT and cycling)</b>	<b>1,160</b>													
Norwich South Norfolk	A11 sustainable transport corridor scheme identification (BRT/Pink Pedalway)		60	60	NCC Revenue										
Norwich South Norfolk	Roundhouse Way Bus Interchange		500	500	CIL										
Norwich South Norfolk	Eaton interchange		100	100	CIL										
Norwich South Norfolk	B1172 Bus/Cycle enhancements		250	250	LGF/CIL										
Norwich South Norfolk	UEA Transport Interchange		150	150	LGF										
Norwich South Norfolk	A11/ORR Daniels Road junction improvement and cycle lanes		2,000	2,000	LGF		200	800	1,000						
Norwich South Norfolk	Newmarket Road / ORR & Leopold Road junctions		2,000	2,000	LGF		100	650	1,250						
Norwich South Norfolk	Cycle link extension to Wymondham		1,300	1,300	LGF		800	200							
Norwich South Norfolk	Eaton Centre to Newmarket road south slip road cycle facilities		300	300	LGF										
Norwich South Norfolk	Toucan crossing on Newmarket Road between Poplar Ave and Unthank Road		200	200	LGF										
Norwich South Norfolk	A11 north slip road to Cringleford cycle track		50	50	LGF										

\* Indicative timetable for delivery

Transport

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
Norwich South Norfolk	Eaton centre??		700	700	LGF		580								
<b>Broadland</b>	<b>Growth Triangle Internal Link Road</b>	<b>14,350</b>		<b>14,350</b>	<b>Developer</b>		<b>5,350</b>	<b>1,850</b>	-	-	-	-			
Broadland	East West Link Road: BBP to Plumstead Rd		6,000	6,000	S106/S278	-	3,000								
Broadland	East West Link Road: Plumstead Road Junction and North Bound Spur		400	400	LGF/CIL	-									
Broadland	East West Link Road: Plumstead Rd to Salhouse Rd		TBC		TBC	TBC	x	x							
Broadland	East West Link Road: Salhouse Rd to Wroxham Rd		3,250	3,250	S106/S278	-									
Broadland	East West Link Road: Wroxham Road to B1150		TBC		S106/S278	TBC			x	x					
Broadland	East West Link Road: North Walsham Road to Buxton Road		3,700	3,700	LIF - developer	3,700	1,850	1,850							
Broadland	East West Link Road: Buxton Road to St Faiths Road		TBC		S106/S278	TBC		x							
Broadland	East West Link Road: St Faith's Road to Airport Industrial Estate		TBC	1,000	S106/S278/CIL	TBC	500								
Broadland	Cycle Links Plumstead Road to Green Lane Crossing		TBC		S106/S278	TBC		x							
Broadland	Cycle Links Plumstead Road to Salhouse Road		TBC		S106/S278	TBC	x	x							
Broadland	Cycle Links NS&OC Wroxham Road junction to WHF Road Link Junction		TBC		CIL /Other	TBC					x				
<b>South Norfolk</b>	<b>A140 south Sustainable Transport Corridor (including Core Bus Route and cycling)</b>														
South Norfolk	A140 Corridor scheme identification including analysis between City Centre and Harford (BRT/Yellow Pedalway)		inc. above	inc. above	inc. above										
South Norfolk	Bus priority Harford A47 Junction		1,750	1,750	LGF/CIL		100	1,100	450						
<b>Broadland</b>	<b>North Walsham Road Core Bus Route Enhancements</b>														
Broadland	North Walsham Road Core Bus Route Enhancements Scheme Identification		10	10	NCC Revenue										
Broadland	North Walsham Road Core Bus Route Enhancements Delivery		tbd	tbd	Developer										
Broadland	Re-routing of North Walsham Road				Developer		x	x							
<b>Broadland</b>	<b>Spixworth Rd Core Bus Route</b>														
Broadland	Spixworth Road Core Bus Route Enhancements - Feasibility		inc. above in	inc. above in	inc. above in 19.1										
<b>Broadland</b>	<b>Sprowston Rd Wroxham Rd Core Bus Route</b>	40													
Broadland	Sprowston Rd / Wroxham Rd Core Bus Route Enhancements - Feasibility						40								
<b>Broadland</b>	<b>Plumstead Rd Core Bus Route</b>	40													
Broadland	Plumstead Rd Core Bus Route Enhancements - Feasibility														
<b>Norwich South Norfolk</b>	<b>Bracondale and A146 Core Bus Route</b>				<b>S106</b>										
<b>South Norfolk</b>	<b>Wymondham areas improvements</b>				<b>S106</b>										
South Norfolk	New subway/underpass at Wymondham Railway Bridge				S106										
South Norfolk	Hethel sustainable access package				S106										
<b>Norwich South Norfolk</b>	<b>Pink Pedalway</b>														
Norwich South Norfolk	Pink Pedalway Route Extension (B1172)		250	250	LGF/CIL										
Norwich	The Avenues (pink)		850	850	CCAG/S106/LTP										
Norwich	Park Lane - Vauxhall Street (pink)		180	180	CCAG/S106/LTP										
Norwich	Tombland - Palace Street (pink)		802	802	CCAG/S106/LTP										
Norwich	Salhouse Road (pink)		365	365	CCAG/S106/LTP										
Norwich	20 mph areas (pink)		435	435	CCAG/S106/LTP										
South Norfolk	Pedestrian Cycle links along Colney Lane (pink)		250	250	S106										
Broadland	Salhouse Rd Phase 2 to NDR (pink)				Rackheath PoD/CIL				x						
Broadland	Munnings Road to Greenborough Road Cycling Improvements (pink)			99	Cycle City Ambition										
<b>Broadland</b>	<b>Purple Pedalway</b>														
Broadland	Wroxham Road / Cozens Hardy Road – Install Right Turn Filter Lanes				CIL		x								
<b>Broadland</b>	<b>Way - GI</b>														
	Broadland Way Feasibility		15	15	LGF										
<b>CCAG schemes</b>															
	St Williams Way to Laundry Lane (green)		113	113	CCAG										
	Liberator Road		100	100	CCAG2		30								
	Spitfire Road - Hurricane Way		15	15	CCAG2										
	Hurricane Way - Heyford Road		50	50	CCAG2										
	Taylor's Lane (connector)		14	14	CCAG2			14							
	Fifers Lane / Ives Road / Heyford Road roundabout		300	300	CCAG2										
	Bussey Road - Ives Road		30	30	CCAG2										

\* Indicative timetable for delivery

Transport

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
	Mile Cross Lane (Fiddlewood - Catton Grove Road)		500	500	CCAG2		415								
	Woodcock Rd / Catton Grove Rd roundabout		300	300	CCAG2										
	Mile Cross - Angel Road via Pointers Field		59	59	CCAG2										
	Shipstone Rd / Angel Rd / Waterloo Rd junc including Angel Road Scheme		320	320	CCAG2										
	Edward Street north		200	200	CCAG2		150								
	St Crispins (St Georges - Botolph Street) Crossing		900	900	CCAG2		750								
	All Saints Green / Brazengate / Queens Road		550	550	CCAG2		520								
	Lakenham Way		410	410	CCAG2		10								
	Hall Road (Bessemer - Old Hall Road)		350	350	CCAG2										
	Ipswich Road - Old Hall Road		25	25	CCAG2										
	20 mph areas (yellow and blue)		300	300	CCAG2		125								
	Cycle parking at hubs (yellow)		117	117	CCAG2										
	Wayfinding and clutter reduction (yellow)		30	30	CCAG2										
	Monitoring infrastructure (yellow)		20	20	CCAG2										
	Bluebell Road (connector)		320	320	CCAG2		241								
	Newmarket Road (Unthank Road - ORR) path upgrade		300	300	CCAG2										
	Newmarket Rd (ORR - Hannover Rd)		800	800	CCAG2		360								
	Magdalen Road		250	250	CCAG2										
	St Clement's Hill (entrance to Sewell Park College)		100	100	CCAG2										
	Chartwell Road / St Clements Hill / Spixworth Road		400	400	CCAG2		315								
	North Walsham Road (George Hill - edge of urban area)		500	500	CCAG2		450								
	20 mph areas (city centre)		300	300	CCAG2		125								
	Wayfinding and clutter reduction (blue)		40	40	CCAG2										
	Monitoring infrastructure (blue)		20	20	CCAG2										
	St George's Street / Colegate junction (on both routes)		125	125	CCAG2										
	Opie Street / Castle Meadow (on both routes)		25	25	CCAG2										
	City centre access strategy for cyclists		250	250	CCAG2		160								
Norwich	Threescore supporting infrastructure		1,900	1,900	Developer										
Norwich	Deal Ground supporting infrastructure		3,480	3,480	Developer										
South Norfolk	South Wymondham supporting infrastructure		3,500	3,500	Developer										
	Aeropark infrastructure				Developer										
Broadland	East West Link Road				Developer										
Broadland	Improvements to A1042/B1150 Junction & B1150/George Hill Junction				S278		x	x							
Broadland	Junction Improvements Cucumber Lane Brundall				S106 / S278										
Broadland	Junction Improvement, Road Narrowing and speed restriction Yarmouth Road dev Brundall				S106 / S278										
Broadland	Bus Route Phase 1 Link Road 1 to Blue Boar Lane				S106		x								
Broadland	Junction Improvements Gordon Avenue / Harvey Lane + 20mph Speed Limit on Henby Way				S106 / S278										
Broadland	Junction Improvements in the Form of a Mini-Roundabout at Yarmouth Road / Griffin Lane				S106 / S278										
Broadland	Road Widening to Increase south-bound Junction Capacity of NDR Junction with Salhouse Road				S106 / S278										
Broadland	Road Widening to Increase south-bound Junction Capacity of NDR Junction with Wroxham Road				S106 / S278										
Broadland	Blue Boar Lane Neighbourhood Cycle Link Improvement				S106/S278										
Norwich	Fifers Lane - Stirling Road bus/cycle link	50	50	50	S106										
Norwich	Martineau Lane bus stop signalled crossing	120			LTP +	120									
Norwich	Mousehold Lane (Wroxham Road Roundabout) Signalled Crossing	150			LTP +	150									
Norwich	Newmarket Road (by Unthank Road) signalled crossing	150			LTP +	150									
Norwich	Unthank Road/ Christchurch Road signals signalled junction upgrade	350			LTP +	350									
Norwich	Aylsham Road (south of Buxton Road) pedestrian refuge	30	30	30	LTP										
Norwich	Grove Road outside shops zebra crossing	35	35	35	Future LTP bid										
Norwich	Mousehold Lane (by War Memorial) cottages refuge	25	25	25	Future LTP bid										
Norwich	Unthank Road (by Leopold Road) zebra crossing	35	35	35	Future LTP bid										
Norwich	Drayton Road (north of St Martins Road) zebra crossing	35	35	35	Future LTP bid										
Norwich	Mile Cross Road/ Waterworks Road junction upgrade	350				350									
Norwich	Grapes Hill cycle / foot bridge – replacement to increase capacity	1,500					x								
Norwich	Traffic issues at Waterworks and Hellesdon Roads, Larkman Lane junction with Dereham Road	tbd		tbd	CIL strategic	tbd									
Norwich	Britannia Rd traffic issues	20		20	CIL n'hood	0									
Norwich	Bignold Rd / Drayton Rd junction safety	3		3	CIL n'hood	0									
South Norfolk	Hethersett Link Road				S106										

\* Indicative timetable for delivery



Green Infrastructure

District	Project/Scheme Description	GI Priority Area	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding profile £'000								
							2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
Broadland	Broadland Way - Green Lane North to Plumstead Road	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)	150		CIL	150	150								
South Norfolk	Wymondham -Protection and enhancement of the Lizard and Silfield Nature Reserve	Wymondham GI	40		CIL	40	40								
Norwich	Riverside walk: Fye Bridge to Whitefriars	Norwich - Wensum Parkway	100		CIL	100	100								
South Norfolk	Improved Connectivity - Costessey Circular Walks	Marriott's Way	6	HLF bid for £3k, if successful, would reduce funding need to £3k	CIL / other	6	6								
Norwich	Barn Road Gateway	Marriott's Way	40		CIL / other	40	20	20							
Broadland	Thorpe Marriott to Costessey	Marriott's Way	100		CIL / other	100	100								
Norwich	Sloughbottom Park – Andersons Meadow section improvements (path widening, tree works, drainage works and landscaping)	Marriott's Way	250		CIL/other	250	150	100							
Broadland	Strumpshaw Pit Circular Walk	East Broadland GI	60	approx. £25k S106 from Strumpshaw development	CIL/S106	35	35								
Norwich	Riverside walk accessibility improvements	Norwich - Wensum Parkway	200		CIL	200	20	180							
South Norfolk	Cringleford N & N Strategic Connections	Norwich Fringe South	68	£9,750 S106 available	CIL / S106	58	68								
Broadland	Thorpe Ridge - Protection and enhancement of woodlands and provision of public access; Feasibility Study	Thorpe Ridge to The Broads via North Burlingham			Promoter	0	5								
Norwich	Riverside Walk Missing Link Duke St to St George's St	Norwich - Wensum Parkway	300		CIL / Other	300		300							
Norwich	Bishops Bridge to Whitefriars	Norwich - Wensum Parkway	50		CIL / Other	50		25	25						
Norwich	Boom Towers to Ber Street Woodland	Norwich - Wensum Parkway	750	HLF to be explored	CIL / HLF	750		250	250	250					
South Norfolk	Yare Valley: Lodge Farm to Bawburgh Lakes connection	Norwich Fringe South	210	£24,750 S106 from Lodge Farm	S106/CIL	185		210							
Norwich South Norfolk	Norwich Crossing & Bridges - Whitlingham (Phase 2) Yare Bridge	Norwich Fringe South	1,000		CIL	1,000		1,000	x	x					
Norwich	UEA to Eaton Boardwalk extension	Norwich Fringe South	100		potentially developer funded/CIL	100		100							
Norwich	Earlham Millennium Green Improvement Project: Phase 3	Norwich Fringe South	75		CIL	75		75							
Norwich	Yare and Wensum Valleys Link (Norwich, Broadland and SNDC)	Norwich Fringe South	229	S106 - Query against Bunkers Hill project	CIL, S106 Bunkers Hill £59k	170		59	75	95					
Norwich	Chapel Break allotments	Norwich Fringe South	121	PREVIOUSLY listed as City Council Capital Programme	CIL	121		121							
Norwich	Bunkers Hill wood	Norwich Fringe South	57		S106	0		0	0						
Norwich	20 Acre Wood	Norwich Fringe South	90	£10,000 Nhd CIL,	CIL / Nhd CIL	80		90							
Broadland	Acle Lands Trust Woodlands Access and Connectivity Project	East Broadland GI	180		CIL	180		180							
Broadland	Burlingham Trails Cycling and Walking Routes	East Broadland GI	180		CIL	180		100	80						
Broadland	South Walsham GI Project	East Broadland GI	150		CIL	150		150							
Broadland	South Walsham Fen Access	East Broadland GI	35		CIL	35		35							
Broadland	Burlingham Trails Attractions and Facilities Project	East Broadland GI	240		CIL	240		80	80	80					
Broadland	A47 Safe Foot and Cycle Crossing	East Broadland GI	725,000 – 1,265,000		CIL	725,000 – 1,265,000		725,000 – 1,265,000	4 years	4 years	4 years				
Broadland	Local walking circulars with links to pubs, restaurants and cafes	East Broadland GI	35		CIL	35		35							
Broadland	Link from Blofield to Blofield Heath	East Broadland GI	125		CIL	125		5	120						
Norwich	Kett's Heights	Thorpe Ridge - Norwich link	150		£10K Nhd CIL, £50k CIL, £90K Grant funding	50		70	70						
South Norfolk	Wherryman's Way : Chedgrave Disabled Access Path	Yare Valley (Norwich to Yarmouth)	75		CIL	75		75							
South Norfolk	Wherryman's Way: Strategic Link at Reedham	Yare Valley (Norwich to Yarmouth)	35		CIL	35		35							
South Norfolk	Long Stratton Green Growth	Tas Valley	5	£10,000 S106 from Tharston	S106			5							
South Norfolk	Wymondham - Tuttle Lane enhancements Phase 1	South West	30		CIL	30		30							
Broadland	MW: Surfacing Works (Tesco's)	Marriott's Way and the Wensum	85	Tesco Bags of Help scheme being explored	CIL / other	85k estimate		85							
South Norfolk	MW: Trim Track - Costessey	Marriott's Way and the Wensum	10		CIL	10		10							
Area-wide	MW: Biodiversity Management with Community Engagement	Marriott's Way and the Wensum	160	£4k secured from Norwich Fringe Project, £15k HLF bid, £30k sought from Nfk Biodiversity Partnership	CIL / Other	101		160	5 years	5 years	5 years	5 years			
Broadland South Norfolk	MW: Crossing Points Improvement Project	Marriott's Way and the Wensum	89	HLF bid for £10k	CIL / other	79		89							

\* Indicative timetable for delivery

Green Infrastructure

District	Project/Scheme Description	GI Priority Area	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding profile £'000							
							2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Norwich	MW: Hellesdon Station Area	Marriott's Way and the Wensum	210		CIL / other	210		210						
Norwich	MW: Inner Ring Road crossing	Marriott's Way and the Wensum	250		CIL / other	250		40	210					
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/other	10		20						
South Norfolk	Boudicca Way: Access for all	GNGB Secondary Corridors			CIL			x						
Broadland	Brundall to NEG T Connection	GNGB Primary Linkage corridor: East Broadland GI	5		Promoter			5						
South Norfolk	Wherryman's Way : Yare Valley Cycle Route	Yare Valley (Norwich to Yarmouth)	17	includes 15% management cost	CIL	17			15	2				
Broadland	West Brundall GI Project	East Broadland GI	425		CIL	425			75	350				
Broadland	South East Lingwood GI Connectivity	East Broadland GI	25		CIL	25			25					
Broadland	Long Distance Cycle Loop	East Broadland GI	75		CIL	75			75					
Broadland	Witton Run	East Broadland GI	170		CIL	170			170					
Broadland	MW: Aylsham Gateway	Marriott's Way and the Wensum	30		CIL / other	30			30					
Broadland	MW: Reepham surfacing and biodiversity	Marriott's Way and the Wensum	100		CIL/other	100			100					
South Norfolk	Boudicca Way cycle route	GNGB Secondary Corridors	17	includes 15% management cost	CIL	17			15	2				
South Norfolk	Boudicca Way links to development	GNGB Secondary Corridors	17	includes 15% management cost	CIL	17			15	2				
South Norfolk	Kett's Country Trail	South West	97	includes 15% management cost	CIL	97			85	12				
Broadland	Enhancement of Newman Woods	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			POD / Other			x						
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)			Dev (Beyond Green)				x					
Broadland	Improvement to walking in the NE; in relation to NDR	GNGB Primary Linkage corridor: East Broadland GI			CIL			x	X					
Broadland	Bure Valley Blue Way	GNGB Primary Linkage corridor: East Broadland GI			CIL				X					
Broadland	Brundall to Acle Green Network	GNGB Secondary Corridors			CIL				X					
Broadland	Lenwade to Hevingham Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Haverlingland to Cawston Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Broadland East to West Secondary Corridor Via Marsham	GNGB Secondary Corridors			CIL				X					
Broadland	Buxton Heath to Aylsham Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Hevingham to Thorpe Marriott Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Catton Park to Spixworth Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Beeston Park to Spixworth Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Thorpe Woodlands to Broadwalk Plantation Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Thorpe Woodlands to Dobbs Beck (Via Harrisons Plantation) Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Thorpe Woodlands to Dobbs Beck (via Rackheath Park) Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Thorpe Woodlands to Witton Run Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	Thorpe Woodlands to Smea Lane Secondary Corridor	GNGB Secondary Corridors			CIL				X					
Broadland	MW: Crossing over Taverham Road in Drayton	Marriott's Way and the Wensum	100		CIL / other	100				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			CIL/other						x	x		
Broadland	Enhancement of Newman Woods	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			POD									
Broadland	North West Norwich Forest Connections including Drayton and Thorpe Marriott	North West Forest and Heath			Promoter		x							
Norwich	Norwich Crossing & Bridges - Whitlingham Cycle Route	Norwich Fringe South	750		CIL/other	750					750			
Norwich	Norwich Crossing & Bridges - Whitlingham - Thorpe Road link	Norwich Fringe South	750		CIL/other	750					750			
Broadland Norwich	Tree planting & management of existing street, garden, boundary and woodland trees for ecological connectivity	Thorpe Ridge to The Broads via North Burlingham			Delivered by development	0	x	x	x	x	x			
Broadland	North-South GI Connectivity NE Rackheath	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			S106	0		x	x	x				
Norwich	Norwich Crossing & Bridges – Whitlingham (Phase 1) Wensum Bridge	Norwich Fringe South	-		developer funded	0								
Norwich	Threescore Development; Village Green	Norwich Fringe South	115		Planning condition	0	115							
Norwich	Threescore Development; Community Gardens	Norwich Fringe South	54		Planning condition	0								
Norwich	Threescore Development; Community Green	Norwich Fringe South	435		Planning condition	0								
Norwich	Threescore Development; Community Green-Marlpit link	Norwich Fringe South	80		Planning condition	0								
Norwich	Threescore Development; swale linear park	Norwich Fringe South	92		Planning condition	0								
Norwich	Threescore Development; SUDS lagoons	Norwich Fringe South	92		Planning condition	0								
Norwich	Threescore Development; shelter belt, Marlpit, Double hedgerow	Norwich Fringe South	236		Planning condition	0								

\* Indicative timetable for delivery

Green Infrastructure

District	Project/Scheme Description	GI Priority Area	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding profile £'000								
							2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
Norwich	Threescore Development; street trees	Norwich Fringe South	113		Planning condition	0									
Norwich	Threescore Development; eastern edge	Norwich Fringe South	64		Planning condition	0									
Norwich	Threescore Development; southern edge	Norwich Fringe South	102		Planning condition	0									
Norwich	Threescore Development; Earlham Green Lane	Norwich Fringe South	62		Planning condition	0									
Norwich	Threescore Development; Bowthorpe historic parkland	Norwich Fringe South	94		S106	0									
Norwich	Threescore Development; The Runnell	Norwich Fringe South	269		S106	0									
Norwich	Threescore Development; Bowthorpe Southern park	Norwich Fringe South	81		S106	0									
Norwich	Smeat St community garden	Norwich Fringe South	72		Developer	0									
Norwich	Bowthorpe and Earlham marshes paths	Norwich Fringe South	67		S106	0			0						
Norwich	Yare Valley path northern extension	Norwich Fringe South	91		S106	0			0						
South Norfolk	Queens Hill Country Park	Norwich Fringe South			S106	0									
South Norfolk	Marriott's Way to Queens Hill Cycle connection	Norwich Fringe South	120	Queens Hill Travel Plan S106	S106	0			0						
South Norfolk	Cringleford Landscape Protection Zone (ENV1 of Neighbourhood Plan)	Norwich Fringe South			S106	0									
South Norfolk	Cringleford Gateway Tree Belt (ENV2 of Neighbourhood Plan)	Norwich Fringe South			S106	0									
South Norfolk	Cringleford Walking and Cycling (SCC3 of Neighbourhood Plan)	Norwich Fringe South			S106	0									
South Norfolk	Footpath/cycleway Hethersett Lane to A47	Norwich Fringe South	50	£1.3m S106 from NNUH	S106	0			50						
Broadland	North Rackheath Park – Broads Buffer Zone	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			S106	0									
Broadland	Three Rivers Way; Connection to Broadland Way/Norwich Cycle Network	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			CIL	0									
Broadland	Sprowston Manor Golf Course - Retention and protection of bat roosts	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			DEV	0		0							
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)			Dev (Beeston Park)	0	0	0		0	0	0	0	0	0
Broadland	Enhancements habitat connectivity Racecourse Plantation to Harrison Plantation	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			S106	0	0	0	0	0					
Broadland	Parkland NE of Thorpe End	Norwich to The Broads (Mousehold Heath through the NEG T to the Broads)			S106	0	0	0	0	0					
Broadland	Management of Weston Wood (Ancient Woodland). Pinebanks/Griffin Lane GI and Woodland Management Plans.	Thorpe Ridge to The Broads via North Burlingham			S106	0	0								
Broadland	Thorpe Woodlands - protection of wildlife interest & Connectivity (E Norwich Community Woodlands)	Thorpe Ridge to The Broads via North Burlingham				0									
Broadland	Landscaping of Green Lane East and Brook Farm Road Links	GNGB Primary Linkage corridor: East Broadland GI			Dev	0	0								
Broadland	Landscaping of Middle Road, Gt & Lt Plumstead	GNGB Primary Linkage corridor: East Broadland GI			Dev	0	0								
Broadland	Enhanced landscaping alongside Green Lane and Smea Lane	GNGB Primary Linkage corridor: East Broadland GI			Dev	0									
Broadland	Informal Open Space south west of Thorpe End	GNGB Primary Linkage corridor: East Broadland GI				0									
Broadland	North-South GI Connectivity Gt & Little Plumstead/Postwick: Thorpe Woodlands to Smea Lane	GNGB Primary Linkage corridor: East Broadland GI				0									
Broadland	NDR Mitigation (Culvert north of Redhall Farm)	NDR MITIGATION				0	0								
Broadland	NDR Mitigation (Bat gantry and Culvert north of Garden Plantation)	NDR MITIGATION				0	0								
Broadland	NDR Mitigation (Culvert and new tree belt north of Sprowston Wood)	NDR MITIGATION				0	0								
Broadland	NDR Mitigation (Bat Gantry, Culvert and Brown Bridge NDR Middle Road Crossing)	NDR MITIGATION				0	0								
Broadland	NDR Mitigation (Bat Gantry and Culvert at Smea Lane)	NDR MITIGATION				0	0								
	OTHER NDR MITIGATION TO FOLLOW (LIST NEEDS TO BE COMPILED)	NDR MITIGATION				0	0								
South Norfolk	Wyndham Green Growth GI Projects	South West		£1400 S106 Right Up Lane, £50 per dwelling S Wyndham	S106	0	x								
Broadland	Orbital Cycle Route - NEG T to Norwich Airport	Norwich Fringe North			S106/S278/CIL	0									
Broadland	Delivery of Open Space inc. Play Space and Sports Pitches - North East Norwich	Norwich Fringe North			S106	0									
Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at White House Farm	Norwich Fringe North			S106	0									
Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Beeston Park	Norwich Fringe North			Dev	0									
Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Brook Farm	Norwich Fringe North				0									
Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Land East of Buxton Road	Norwich Fringe North			S106	0									
Broadland	Delivery of Sport Pitches, Children's Play and Informal Open Space at Pinebanks and Griffin Lane	Norwich Fringe North			S106	0									

\* Indicative timetable for delivery

Green Infrastructure

District	Project/Scheme Description	GI Priority Area	Total Estimated Scheme Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding profile £'000							
							2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
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			Dev	0								
Broadland	North -South GI Connectivity: Catton, Sprowston Spixworth	Norwich Fringe North				0								
Broadland	West-East GI Connectivity: Catton, Sprowston Spixworth	Norwich Fringe North				0								

\* Indicative timetable for delivery

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Contributory funding and		To fund	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
			S106	Basic Need										
South Norfolk	Queen's Hill Primary Extension to 630	5,500	4,000	1,500	0									
South Norfolk	Roydon Primary Extension to 420	3,900	3,694		206	900								
Norwich	Sparhawk Infants Extension to 180	325	325		0									
South Norfolk	St Augustine's Primary Extension to 315	870		870	0									
Broadland	Blue Boar Lane New (commissioned) 420 Primary	6,400	4,300	2,100	0	2,560								
South Norfolk	Trowse New (relocated and enlarged) 210 Primary	4,300	1,100	3,200	0	1,720								
Norwich	Bignold Primary Extension to 630	2,249	2,249		0	421	1,779							
South Norfolk	Brooke New (relocated) 150 Primary	3,000	0	3,000	0	1,200	1,200							
South Norfolk	Hethersett New (commissioned) 420 Primary	6,400	4,500	600	1,300	2,560	2,560							
South Norfolk	Hethersett Junior reorganisation				0									
South Norfolk	Wymondham High Extension	10,000	10,000		0	2,000	3,000	3,000						
Broadland	Blofield Primary Extension to 315	2,500	517	1,494	489	2,500								
South Norfolk	Wymondham New (commissioned) 420 Primary	6,400	5,100	0	1,300	1,280	2,560	2,560						
South Norfolk	Costessey New (commissioned) 210 Primary	4,500	790	3,710	0	900	1,800	1,800						
Broadland	Beeston Park New (commissioned) 420 Primary #1	6,400	0	0	6,400		1,280	2,560	2,560					
Broadland	Hellesdon New (relocated an/or enlarged) 420 Primary	6,400	0	0	6,400		1,280	2,560	2,560					
Norwich	Norwich Central New (commissioned) Primary 210	4,100	0	0	4,100		820	1,640	1,640					
South Norfolk	Hingham Primary Mobile Replacement	900			350		450	450						
South Norfolk	Easton Primary Extension to 420	2,500	0	0	2,500		2,500							
South Norfolk	Long Stratton New (commissioned) 420 Primary	6,400	0	0	6,400		1,280	2,560	2,560					
South Norfolk	Cringleford New (commissioned) 420 Primary	6,400	0	0	6,400		1,280	2,560	2,560					
Broadland	Little Plumstead Primary Extension to 420	4,500	400		4,100			900	1,800	1,800				
South Norfolk	Hethersett High Extension	5,000	5,000		0			x	x	x	x			
Broadland	North Norwich New (commissioned) Secondary and existing schools	26,000	0	13,000	13,000			2,600	2,600	2,600	2,600	7,800	7,800	
Broadland	Beeston Park New (commissioned) 420 Primary #2	6,400	0	0	6,400				1,280	2,560	2,560			
Broadland	Rackheath New 420 Primary #1	6,400	0	0	6,400							1,280	2,560	2,560
Broadland	Rackheath New 420 Primary #2	6,400	0	0	6,400							1,280	2,560	2,560
Broadland	Land East of Broadland Business Park New 420 Primary	6,400	0	0	6,400							1,280	2,560	2,560
Broadland	South of Salhouse Road New 420 Primary	6,400	0	0	6,400							1,280	2,560	2,560
South Norfolk	Poringland Primary Extension to 420		majority S106											

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding Profile									
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
<b>Community Facilities</b>															
Broadland	Home Farm Community Building	TBC		Other		x									
Broadland	Brook & Laurel Farm Community Building	500	100	S106/CIL	400			500							
Broadland	North Sprowston & Old Catton Community Space including library	2,400	0	S106/CIL	2,400				2,400						
Broadland	Land South of Salhouse Road Community Building	500	0	S106/CIL	500				500						
Broadland	Rackheath Community Building	500	0	S106/CIL	500					500					
Broadland	Children's Playspace delivered through the development of allocations within the Growth Triangle			S106											
Broadland	Informal Open Space delivered through the development of allocations within the Growth Triangle			S106											
Broadland	Cremer's Meadow	25	0	CIL	25		25								
Broadland	Great Plumstead Open Space / Community Orchard	25	0	CIL	25		25								
Norwich	Boom Towers	20	0	CIL	20	20									
Norwich	Bowthorpe Play	100	100	S106 & CIL n'hood	13	20	40	40							
Norwich	Castle Gardens	1472	1072	S106, CIL, HLF	400	400	658	367							
Norwich	Chapel Break Play	4	4	CIL n'hood	0										
Norwich	Chapel Break allotments	121	0	CIL	121		90	31							
Norwich	Courts and Yards of Norwich	300	0	CIL	300		150	150							
Norwich	Earlham Park toilets	80	80	CIL n'hood	0	40	40								
Norwich	Eaton Green Play	65	65	Community, S106, CIL n'hood	0										
Norwich	Eaton Park Adult Fitness	50	50	CIL n'hood	0		50								
Norwich	Heigham Park toilets	80	80	CIL n'hood	0	40	40								
Norwich	Strategic play (including 5 projects)	430	0	CIL	430			115	100	115	100				
Norwich	Suckling Avenue Restoration														
South Norfolk	Children's Playspace, Sports Pitches and Informal Recreation Space delivered through the development of allocations			S106											
<b>Libraries</b>															
Broadland	Community space including new library -North Sprowston & Old Catton														
Broadland	Expansion of Sprowston Library			S106/CIL											
South Norfolk	Expansion of Long Stratton library			S106/CIL											
<b>Sports Facilities</b>															
Broadland	Extend and Refurbish Rackheath Pavilion	TBC	TBC	CIL/Other	TBC	x									
Broadland	Modernisation of Thorpe St Andrew School swimming pool	1,000		S106/CIL											
Broadland	New Sports Hall in Thorpe St Andrew	2,700	1,900	S106/CIL	800		2,700								
Broadland	Refurbishment of 3G pitch in Thorpe St Andrew			Other											

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding Profile									
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
Broadland	Modernisation of Hellesdon High School sports hall			S106/CIL											
Broadland	Modernisation of Aylsham High School swimming pool			S106											
Broadland	Gym and Dance Hall contribution Aylsham			S106											
Broadland	Sports Hall Provision in Reepham			S106											
Broadland	Modernisation of Sprowston High School Swimming Pool	1,000		S106/CIL											
Broadland	A new sports hall in a growth area (such as Rackheath) co-located with a new secondary school	2,750													
Broadland	A new sports hall in Acle	2,700		S106/CIL											
Broadland	New pitch provision in NEG T			S106											
Broadland	Improve Facilities at King George V Playing Field	TBC		BDC / CIL and Other											
Norwich	Bowthorpe Park bowling green and pavilion improvements	130		City Council Capital Programme											
Norwich	Bowthorpe Park MUGA and tennis court improvements	300		City Council Capital Programme				100	100	100					
Norwich	Britannia Barracks	100	100	CIL n'hood	0										
Norwich	Football Pitch Improvements	100	0	CIL	100	25	25	25	25						
Norwich	Hewett School swimming pool modernisation	199	0	CIL	199	199									
Norwich	Horsford Manor Community Sports Hub	6,500		Premier League (?), CSF, others including poss. CIL											
Norwich	NELM Pitches and Facilities reinstatement														
Norwich	Recreation Road - Additional Storage Space and Floodlights														
Norwich	Sloughbottom Park: Improved Changing facilities and pitch improvements	685	15	S106		x									
South Norfolk	New Swimming Pool and Sports Hall in Diss	10,000-12,000	6,800-8,800	CIL/other	3,200										
South Norfolk	Artificial Grass Pitch in Diss	500		CIL/Other											
South Norfolk	Improvements to Hales cricket and bowls clubhouse	160	10	CIL	150	160									
South Norfolk	New Pitches North Hethersett	?		S106											
South Norfolk	Resurfacing of Hingham tennis courts & new fencing	45		Sport England											
South Norfolk	Long Stratton Sports Hub, pitch improvements	2,545	2,045	CIL/Other	500	500									
South Norfolk	New sports improvements (artificial grass pitch for football/rugby) in Wymondham	800	0	CIL	800	800									
South Norfolk	Full size Artificial Grass Pitch in Wymondham	500		CIL/Other											

District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding Profile									
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
South Norfolk	Improvements to Wymondham (Ketts Park) tennis clubhouse	30		CIL											
<b>Waste Recycling Centres</b>															
Broadland	Rackheath	450		S106/CIL	450										
<b>Policing</b>															
Broadland	Police Deployment Base - Vicinity of Postwick Junction	TBC		Other					x						
Broadland	Police Beat Office - Thorpe St Andrew	TBC		Other				x							
Broadland	Police Beat Office - Rackheath	YNC		Other					x						
<b>Health Care</b>															
Broadland	Sprowston / Old Catton Health and Social Care Facility	3,350		Other				x							
Broadland	Rackheath Health and Social Care Facility	3,350		Other							x				
Broadland	NE Norwich - Expansion of existing Heath and Social Care Facility	TBC		Other											
<b>Acle Neighbourhood Plan</b>															
Broadland	Improved foot and cycle links to countryside and surrounding villages			CIL and Other											
Broadland	Improved access to Wherry Line - Pedestrian and Cycle access to Station and Facilities.			CIL and Other											
Broadland	Traffic Calming and Pedestrian Crossing of A1064			CIL and Other											
Broadland	Village Centre Public Realm Improvements inc. increasing pavement width and open space			CIL and Other											
Broadland	Improvement to existing Pre-School Facility at Primary School			CIL and Other											
Broadland	Improvements to Building and Sports Facilities			CIL and Other											
<b>Sprowston Neighbourhood Plan</b>															
Broadland	New Pedestrian and Cycle Link Plantation Drive to Harrison's Plantation (Via Cottage Plantation)			CIL and Other											
Broadland	Community Hub - Diamond Centre			CIL and Other											
Broadland	Public Realm Improvements at Wroxham Road Local Centre and Tree Planting along Wroxham Road			CIL and Other											
Broadland	Public Realm Improvements inc. Traffic Calming Measures, Planting and review of on-street parking. School Lane, Sprowston			CIL and Other											



District	Project/Scheme Description	Total Estimated Project Cost (£,000)	Contributory funding (£,000)	SOURCE	Funding need (£,000)	Funding Profile								
						2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
<b>Strumpshaw Neighbourhood Plan</b>														
Broadland	Community Room and Allotments			S106										
Broadland	Toilet, Kitchen and Amenity Facilities at St Peters Church			CIL and Other										
<b>Cringleford Neighbourhood Plan</b>														
South Norfolk	Demand for Cycling and walking facilities													
South Norfolk	Demand for Medical / Dentistry facilities													
South Norfolk	3.8 hectare playing field to accommodate a cricket pitch, football pitches and Pavilion to include changing rooms.													
South Norfolk	Cringleford Library facilities													
South Norfolk	Allotment and Community Orchard													
<b>South Norfolk</b>														
South Norfolk	Improved car parking management around the schools/GP surgery			CIL and Other										
South Norfolk	An improvement at the B1113/A140 Harford Bridge junction			CIL and Other										
South Norfolk	Improved footway and road maintenance in the village			CIL and Other										
South Norfolk	Reduced traffic speeds on existing residential streets and lanes in the village			CIL and Other										
South Norfolk	Cycle routes to Hethel Engineering Centre/Lotus and Norwich			CIL and Other										
South Norfolk	An improved bus service			CIL and Other										

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Greater Norwich Infrastructure Plan  
July 2016

