

# Uttlesford Local Plan Infrastructure Delivery Plan (IDP)

**ANNEX: SCHEDULES** 

**Garden Communities and Settlements** 

**DECEMBER 2018** 

## **North Uttlesford Garden Community**

NORTH UTTLESFORD							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
TRANSPORT							
Highways	С	M11 J9 – north- facing slips (to relieve A1301/A505 and A505/M11 J10)	Contribution from developer – delivery Highways England /	Substantial funding required. Likely to be funded through national HE RIS	Unknown at this time		
Highways	С	Improvements to M11 Junction 10 at roundabout with A505	Contribution from developer	£5-9m	Unknown at this time A505 Detailed Study will examine a range of options including major improvements to A505.		
Highways	С	Improvements to capacity at the roundabout with A505 Newmarket Road/ A1301	Developer, Cambs CC	£1.5-2m cost will be met with contributions from developer and from Cambs CC	Unknown at this time A505 Detailed Study will examine a range of options including major improvements to A505.		
Highways	С	A11/ A1301/B184 Walden Road (Capacity)	Deliver by developer/ ECC/ Cambs CC/ Highways England	Unknown at this time	Unknown at this time		
Highways	I	Great Chesterford – contributions for traffic management	Contribution from developer – delivery by developer or	£500,000	Contribution receipt from first occupation		

NORTH UTTLESFORD							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
		and safety	ECC.				
Highways	С	Junctions in Saffron Walden	Unknown at this time	Unknown at this time	Unknown at this time		
Highways	С	Local level highway infrastructure enhancements will also be required.	Contribution or works by developer	Unknown at this time	Contribution decided following further site information.		
Sustainable travel	I	Sustainable travel promotion and package	Delivery by developer – Essex County Council Travel planning team (tbc)	£450,000 (For this plan period.)	From first occupation to build out of the site plus 5 years following completion of the final dwelling		
Sustainable travel- Bus	1	1,000 homes generate the need for one bus. It is not likely that one per hour would be commercially viable, but it can be tied in to existing routes.  Therefore, this development could generate the need for 5 buses	Bus company	Unknown at this time but to be funded through S106	Early to encourage use from first occupation		
Sustainable travel- Bus	I	Extend Park and Ride services at Granta Park towards walking / cycling	Developer, ECC / Cambs CC / HE	Unknown at this time	Unknown at this time		

NORTH UTTLESFORD							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
		distance of Great Chesterford					
Sustainable travel- Bus		Passenger Transport Infrastructure and subsidised bus services to and from — local transportation interchanges, key community and economic centres. Increase frequency of service during peak periods to every 20 minutes, with other times of day receiving a minimum hourly service	Developer	£4.6 million	First occupation to occupation of final dwelling plus 5 years		
Sustainable travel- bus/cycle	1	Sustainable bus/cycle link from site to Granta Park	Delivery by developer / Essex County Council (possible CPO)	£10m	0-5 years		
Sustainable travel- cycle	•	Cycling – contribution for improvements between the site and Great Chesterford, Saffron Walden, Whittlesford Parkway and Cambridge.	Delivery by developer	£4.2m	Contribution receipt from first occupation		

#### **NORTH UTTLESFORD** Significance level Description Delivered by **Estimated Cost and likely** Planned Year of Delivery (Critical/Necessary/ funding source Important) Developer, ECC / £2.75m Improve B184 Walden 1-3 years Sustainable Road and B1383 Cambs CC / HE travel- cvcle Newmarket Road to include an off-road bi-directional cycleway Introduction of high quality Developer, ECC / Sustainable £750.000 1-3 years cycle links between the Cambs CC / HE travel- cycle site and Wellcome Genome Campus. Chesterford Research Campus making use of existing rights of way and local access roads. Introduce cycling links along the A1307 to Grant Park and wider cycling infrastructure along the Cambridge to Haverhill corridor. Sustainable Walking and cycling routes Unknown at this time Unknown at this time Unknown at this time travel walking / from the garden cycling community to the railway station and existing village, as well as to the network of wider routes

NORTH UTTLESFORD							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
UTILITIES							
Electricity	С	New primary substation	Developer and UKPN	£3-4m	Unknown at this time		
Electricity	С	Two 33kV cables for the circuits to the substation	Unknown at this time	£300,000-600,000 per kilometre	Unknown at this time		
Wifi and Broadband	I	Fibre based internet access. Housing developments over 30 homes will be provided with Fibre to the Premises free of charge by the large network operators	Large network operators	£0	Unknown at this time		
Gas	С	Capacity is likely to be sufficient, but developers may be required to pay for a connection charge	Unknown at this time	Unknown at this time but funded by developers and National Grid	Unknown at this time		
Water	С	It has been suggested through the Water Cycle Study that, assuming foul flows are directed to Great Chesterford Water Recycling Centre, there would be insufficient headroom and biological capacity during 2020-	AWS	Costs will be determined when schemes are progressed and assessed in more detail. Upgrades to WRCs are usually funded by the water company.	AWS to review		

NORTH UTTLE	NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
		2025 and upgrades will be required.					
Waste	N	The Essex Waste Plan notes that there is a need to provide additional waste facilities to reflect changes in local population and demand. This includes enhanced provision of recycling facilities for household waste, as well as new facilities for recycling, treatment and disposal of other waste streams. This will need to be reviewed.	Unknown at this time	Unknown at this time	Unknown at this time		
EDUCATION							
Early Years & Child Care (during the plan period)	N	New nursery provision will be required plus 106 developer funds. If new school need is identified new nursery provision could be built at the same time. There is a need for 173 childcare places.	ECC with potential partnership with a private provider	£1.1m per stand-alone 56 place nursery.	Unknown at this time		

NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Primary School Provision	N	New primary school on 2.9ha D1 use allocation within Garden Settlement	ECC and potential partnership with an Academy	£9.8m with potential funding from S106	2025	
Primary School Provision (beyond plan period)	N	Two primary schools on 2.1ha sites	ECC and potential partnership with an Academy	£6.5m each	2033+	
Secondary School Provision	N	New secondary school on 9ha D1 use allocation within Garden Settlement	ECC and potential partnership with an Academy	£25.2m with potential funding from S106	2027	
Secondary School Provision (beyond plan period)	N	The secondary school opened during the plan period will be sufficient for 5,000 homes in terms of land but an expansion should be allowed	ECC and potential partnership with an Academy	£3m	2033+	
HEALTH AND SO	CIAL CARE					
GP surgery	С	Roughly 1 GP per 2,500 residents. This results in the need for 5 FTE additional GPs.	Unknown at this time	It is not possible to accurately determine the build cost or size of new health hubs at this stage. Funding for expansion of existing GP surgeries would firstly come through the Improvement Grant. This is funding that	Once a patient orientated critical mass has been achieved.	

NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
				practices can apply for through NHS England for capital improvements to their practices. The contribution would be 66% of what is requested, and the practices are then required to bridge the financial gap. This could in some cases be difficult for practices to achieve. All funding routes will be explored including \$106 monies		
SOCIAL INFRAST	TRUCTURE					
Allotments (during plan period)	1	Need for 1.41ha of allotments	Developer	£141,000	Unknown at this time	
Allotments (post plan period)	1	Need for 2.26ha of allotments	Developer	£226,000	Unknown at this time	
Allotments (total)	I	Need for 3.67ha of allotments	Developer	£367,000	Unknown at this time	

NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Community centres (during plan period)		Need for 3.14 community centres	Developer and potentially Sport England	£4,716,250	Should be provided by the time that a reasonable proportion of the population of a new strategic development has been established	
Community centres (post plan period)	,I	Need for 5.02 community centres	Developer and potentially Sport England	£7,533,750	Should be provided by the time that a reasonable proportion of the population of a new strategic development has been established	
Community centres (total)	<b>1</b>	Need for 8.17 community centres	Developer and potentially Sport England	£12,250,000	Should be provided by the time that a reasonable proportion of the population of a new strategic development has been established	
Play Space (during plan period)	,1	Need for 0.94ha of open space	Provision of children's play facilities would mostly be on-site as part of developments	Unknown at this time	Unknown at this time	

NORTH UTTLESFORD							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
			coming forward				
Play Space (post plan period)		Need for 1.51ha of open space	Provision of children's play facilities would mostly be on-site as part of developments coming forward	Unknown at this time	Unknown at this time		
Play Space (total)		Need for 2.45ha of open space	Provision of children's play facilities would mostly be on-site as part of developments coming forward	Unknown at this time	Unknown at this time		
Outdoor pitch facilities (during plan period)	I	Need for 5.65ha outdoor pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time		
Outdoor pitch facilities (post plan period)	I	Need for 9.04ha of outdoor pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time		

NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Outdoor pitch facilities (total)	I	Need for 14.7ha of outdoor pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time	
MUGA (during plan period)	I	Need for 1.41 MUGA	Provision of children's play facilities would mostly be on-site as part of developments coming forward	£40,000 per MUGA (£56,400 total)	Unknown at this time	
MUGA (post plan period)	1	Need for 2.26 MUGA	Provision of children's play facilities would mostly be on-site as part of developments coming forward	£40,000 per MUGA (£90,4000 total)	Unknown at this time	
MUGA (total)	1	Need for 3.68 MUGA	Provision of children's play facilities would mostly be on-site as part of developments coming forward	£40,000 per MUGA (£147,200)	Unknown at this time	

NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Indoor sports halls (during plan period)	1	Need for 0.42 indoor sports halls	UDC or developer if private	£278,429	Unknown at this time	
Indoor sports halls (post plan period)	]	Need for 0.66 indoor sports halls	UDC or developer if private	£444,763	Unknown at this time	
Indoor sports halls (total)	1	Need for 1.08 indoor sports halls	UDC or developer if private	£723,191	Unknown at this time	
Indoor Swimming Pools (during plan period)	1	Need for 0.27 indoor swimming pools	Developer	Unknown at this time	Unknown at this time	
Indoor Swimming Pools (post plan period)	,I	Need for 0.43 indoor swimming pools	Developer	Unknown at this time	Unknown at this time	
Indoor Swimming Pools (total)	1	Need for 0.69 indoor swimming pools	Developer	Unknown at this time	Unknown at this time	
Natural and semi-natural green spaces	1	Need for 33.5ha	Developer	Unknown at this time	Unknown at this time	

NORTH UTTLESFORD						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
(during plan period)						
Natural and semi-natural green spaces (post plan period)	1	Need for 52.3ha	Developer	Unknown at this time	Unknown at this time	
Natural and semi-natural green spaces (total)	,I	Need for 85.8ha	Developer	Unknown at this time	Unknown at this time	
Amenity Green Space (during plan period)	]	Need for 4.8ha	Developer	Unknown at this time	Unknown at this time	
Amenity Green Space (post plan period)	j	Need for 7.47ha	Developer	Unknown at this time	Unknown at this time	
Amenity Green Space (total)	I	Need for 12.25ha	Developer	Unknown at this time	Unknown at this time	

## **West of Braintree Garden Community**

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
TRANSPORT			•				
Highways	С	Road Improvements, as set out in North Essex Garden Communities Movement and Access Study- May 2017	Unknown at this time	£5.95m- £9.275 (pro rata for delivery in UDC taken from North Essex Garden Communities Movement and Access Study- May 2017). This cost is based on the entire build out	Unknown at this time		
Highways	С	Chelmsford NE Bypass	Unknown at this time	£5.25m- £7.7m.	Unknown at this time		
Highways	С	Improvements at B1256/A120 Dunmow	Developer/ECC /HE	£2m-10m	0-5 years		
Sustainable Travel	!	Active Modes & Public Realm This item is the overarching item for the following specific cycle schemes and presented on a pro-rata basis for the Uttlesford element. The figures below are the overall full costs for the individual pieces of infrastructure, which would be shared with the Braintree part of the development, for the whole build out not just this plan period	Delivery and funding spread between Essex County Council, Garden Community, Local Sustainable Transport Fund, S106 funds	£1.925m-£3.15m (pro rata for delivery in UDC taken from North Essex Garden Communities Movement and Access Study- May 2017). This cost is based on the entire build out.	Unknown at this time		

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
			from Tarmac Quarry				
Sustainable travel- Rayne Road Shared Use Cycleway- cycling		Provision of a shared use footway/ cycleway- 3m wide where possible, to meet the current ECC minimum standard) through widening of footway to take verge. Sections include  River Brain to Rain Village to connect with Link to Flitch Way (Scheme A1) and quietway routes to improved all weather bridleways accessed via Shalford Road  Rayne Village and Garden Community at the Blake End junction note active Quarry frontage which would require careful design at this junction, or its provision post quarry exhaustion. This is approximately 4km in length It is likely that this would be best provided on the northern side of the road given that a continuous footpath is already in existence for the length of the route. On road cycling would likely be required in Rayne village itself	Consider use of any S106 funds from Tarmac quarry in addition to ECC and developer contributions	£1.5m (note this cost is included in overarching 'Active Modes and Public Realm' costings)	First phase of delivery		
Sustainable Travel - Queenborough	I	Queenborough Lane provides access from Rayne to Skyline 120 and Great Notley. It is potentially used as a 'rat-run' given it allows	ECC to deliver GC to fund / LSTF?	>£250,000 (note this cost is included in overarching 'Active Modes and Public	Local Plan Period		

WEST OF BR	WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery			
Lane Quietway- Cycling		motorists to avoid the A120/A131 junction, and the demand for this movement may increase with development at the West of Braintree Garden Community. The proposal is to restrict access to the road at one end of its length to cycles and local residents (to be defined but suggested as those currently resident in Queenborough Lane or the south of Rayne village). This would be managed and monitored via an access control point with ANPR technology as used in Cambridge (see All Sites P13). Vehicles not registered would be subject to a fine via a TRO. Access for deliveries would be via the other end of Queenborough Lane. This would help this road to perform a 'quietway' function for active modes from West of Braintree to Great Notley Country Park and Skyline 120 from the Flitch Way, Shalford Road (Scheme A4) and Rayne Road Scheme A2).		Realm' costings)				

WEST OF BR	WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery			
Sustainable Travel- Shalford Road / Pods Lane Quietway- Cycling		This scheme involves designating this road as a 'quietway' function for cycling / horse riding from West of Braintree to Rayne with links to schemes A2 and A3 as well as the Flitch Way. The 'quietway concept' is described in the Essex Cycling Strategy – November 2016. This will include as appropriate the use of: • on-carriageway 'patch' symbols, • high quality quietway branded signage • 20mph speed limits Care would be applied in the protected Pods Lane This supports a range of journeys to leisure, education, retail and employment destinations in the Braintree area.	ECC to deliver GC to fund / LSTF?	>£250,000 (note this cost is included in overarching 'Active Modes and Public Realm' costings)	Local Plan Period			
Sustainable Travel- Conversion of footpaths to bridleways / cycleways- Cycling/horse- riding		Conversion of various Public Rights of Way to bridleways and cycleway status to allow improved access to the countryside for active modes and those with mobility impairment from the Garden Community.  These would be a mixture of off road and all-weather materials. We have assumed there to be approximately 6km of cycleway / bridleway for conversion A connection from Pods Lane to Park's Farm and The Street to the north of the Quarry site would be a priority route to provide an attractive leisure route for residents of the Garden Community, and would help to provide a safe, traffic free route away from quarry	GC to fund and deliver Consider use of Quarry S106 funds	£3M - £6M (note this cost is included in overarching 'Active Modes and Public Realm' costings)	Local Plan Period			

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
		related traffic on Rayne Road and the B1256.					
Sustainable Travel- Garden Community to Felsted Link- cycling/ walking		An adequate surfaced bridge already exists over the A120 to provide access to Straits Farm as a PROW from the B1256 in the vicinity of the Garden Community. This route then continues as a bridleway to the B1417 for a further 800m. It is therefore theoretically possible to already use the route as a cycle route, although invariably limited to daytime outside of winter. South of where the bridleway joins the B1417 it is possible in parts to provide a footpath / cycleway but this would not be continuous without land take. Instead it is suggested that a quietway cycle route is signed to Felsted via Porters Hall Road and Stebbing Road that takes people away from the B1417 and new junctions for the A120 and B1256. This would require minimal expenditure.	ECC to deliver	Minimal (note this cost is included in overarching 'Active Modes and Public Realm' costings)	Local Plan Period		
Sustainable Travel- Flitch Way – cycling / walking		The Flitch Way provides a well used leisure trail from Braintree station towards the west. Apart from a short section in the Braintree urban area (to Pods Brook Road bridge) the surface is not an all weather material and hence unsuitable for anything other than mountain bikes in winter. The route is also not lit which prevents its use	Consider use of any S106 funds from Tarmac Quarry site as well as developer contribution	£300,000-£600,000 (note this cost is included in overarching 'Active Modes and Public Realm' costings)	Initial phases		

WEST OF BRA	WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery			
		as a commuting trail except in summer. It is recognised that there is strong local interest in retaining the rural value of the route with potential nature reserve designation pending and so two options are suggested for discussion depending on that outcome. (i) All weather surfacing from Pods Brook Bridge to River Brain Footpath only and upgrade of River Brain Footpath to Springfields (for Rayne Road – scheme A2) - 600m widening and surfacing connection. (ii) Provision of low level or user activated sensitive lighting along this section. The Flitch Way west of this point would remain as it is currently.						
Sustainable Travel- Bus		New bus services should also be provided, linking the site east-west as well as south to Chelmsford. This item is the overarching item for the following specific bus schemes with the more detailed measures listed separately below, some of which are costed. The figures below are the overall full costs for the individual pieces of infrastructure, which would be shared with the Braintree part of the development, for the whole build out not just this plan period	Developer/ Bus Company	Unknown at this time	Unknown at this time but should be early to encourage use from first occupation.			

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Sustainable travel- Mass Rapid Transit	1	Rapid Transit (excluding Mass Rapid Transit / Cressing Loop)	Unknown at this time	£7.175m- £10.325m (pro rata for delivery in UDC taken from North Essex Garden Communities Movement and Access Study- May 2017) Based on entire build out	Unknown at this time		
Sustainable travel- Mass Rapid Transit	ı	Cressing Loop and Freeport Transit Hub	Unknown at this time	Cost to be developed as scheme developed. Based on entire build out	Unknown at this time		
Sustainable Travel	ı	Travel Plan Measures (@£1,500 per home) – 10,000 homes, includes bus subsidy	Unknown at this time	£15m total (£5.25m in UDC) Based on entire build out	Unknown at this time		
UTILITIES			•				
Electricity	С	New primary substation	Developer and UKPN	£3-4m	Unknown at this time		
Electricity	С	Two 33kV cables for the circuits to the substation	Unknown at this time	£300,000-600,000 per kilometre	Unknown at this time		
Wifi and Broadband	I	Fibre based internet access. Housing developments over 30 homes will be provided with Fibre to the Premises free of charge by the large network operators	Large network operators	£0	Unknown at this time		

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Water	С	It is suggested through the Water Cycle Study that the existing WRCs can only accommodate the initial residential growth proposed in WoB, and other growth would exceed the headroom. Preference is to upgrade existing works rather than provide a new WRC on site.	AWS	Further investment to be reviewed by AWS	Review by 2024		
Waste	N	The Essex Waste Plan notes that there is a need to provide additional waste facilities to reflect changes in local population and demand. This includes enhanced provision of recycling facilities for household waste, as well as new facilities for recycling, treatment and disposal of other waste streams. This will need to be reviewed.	Unknown at this time	Unknown at this time	Unknown at this time		
Gas	N	Capacity is likely to be sufficient but developers may be required to pay for a connection charge	Unknown at this time	Unknown at this time but funded by developers and National Grid	Unknown at this time		
EDUCATION							
Early Years & Child Care (during the plan period)	N	New nursery provision will be required plus 106 developer funds. If new school need is identified new nursery provision could be built at the same time. There is a need for 87.3 childcare places.	ECC with potential partnership with a private provider	£1.1m per stand-alone 56 place nursery.	Unknown at this time		

WEST OF BRAINTREE						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Primary School Provision (during and beyond plan period)	N	Six primary school on 2.1ha D1 use allocation within Garden Settlement.  One primary school on a 2.9ha site	ECC and potential partnership with an Academy	£6.5m each with potential funding from S106	2028+	
Secondary School Provision (during and beyond plan period)	N	Two secondary schools, each on 9ha sites.	ECC and potential partnership with an Academy	£56.2 with potential funding from S106	2027+	
HEALTH AND SO	OCIAL CARE					
GP surgery	С	Roughly 1 GP per 2,500 residents. This results in the need for 10 FTE additional GPs.	ECC and potential partnership with an Academy	It is not possible to accurately determine the build cost or size of new health hubs at this stage. Funding for expansion of existing GP surgeries would firstly come through the Improvement Grant. This is funding that practices can apply for through NHS England for capital improvements to their practices. The	once a patient- orientated critical mass has been achieved	

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
				contribution would be 66% of what is requested and the practices are then required to bridge the financial gap. This could in some cases be difficult for practices to achieve. All funding routes will be explored including \$106 monies			
SOCIAL INFRAS	TRUCTURE						
Allotments (during plan period)	1	Need for 2.55ha of allotments	Developer	£255,000	Unknown at this time		
Allotments (post plan period)	1	Need for 4.8ha of allotments	Developer	£480,000	Unknown at this time		
Allotments (total)	I	Need for 7.35haof allotments	Developer	£735,000	Unknown at this time		

#### **WEST OF BRAINTREE** Delivered by Significance level Description **Estimated Cost and likely** Planned Year (Critical/Necessary/ funding of Important) source Delivery Should be Community Need for 5.67 community centres Developer and £8.505.000 provided by the centres potentially Sport (during plan England time that a period) reasonable proportion of the population of a new strategic development has been established Community Need for 10.67 community centres Developer and £16,005,000 Should be centres (post provided by the potentially Sport plan period) England time that a reasonable proportion of the population of a new strategic development has been established Community Should be Need for 16.33 community centres Developer and £24,500,000 centres (total) potentially Sport provided by the time that a **England** reasonable proportion of

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
					the population of a new strategic development has been established		
Play Space (during plan period)	1	Need for 0.48ha of open space	Provision of children's play facilities would mostly be onsite as part of developments coming forward.	Unknown at this time	Unknown at this time		
Play Space (post plan period)	ľ	Need for 4.42ha of open space	Provision of children's play facilities would mostly be onsite as part of developments coming forward.	Unknown at this time	Unknown at this time		

#### **WEST OF BRAINTREE** Delivered by Significance level Description **Estimated Cost and likely** Planned Year (Critical/Necessary/ funding of Important) source Delivery Play Space ı Need for 4.90ha of open space Provision of Unknown at this time Unknown at (total) children's play this time facilities would mostly be onsite as part of developments coming forward **Outdoor pitch** Need for 10.2ha outdoor pitches Developer and Cost vary between £20,000 Unknown at facilities potentially Sport and £105,000 per pitch, this time (during plan England depending on type. period) **Outdoor pitch** Need for 19.2ha outdoor pitches Developer and Cost vary between £20,000 Unknown at facilities (post potentially Sport and £105,000 per pitch, this time plan period) **England** depending on type. **Outdoor pitch** Need for 29.4ha outdoor pitches Developer and Cost vary between £20,000 Unknown at facilities (total) potentially Sport and £105,000 per pitch, this time **England** depending on type.

WEST OF BRAINTREE							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
MUGA (during plan period)	1	Need for 0.71 of MUGA	Provision of children's play facilities would mostly be on- site as part of developments coming forward	£40,000 per MUGA (£28,400)	Unknown at this time		
MUGA (post plan period)	1	Need for 6.64 of MUGA	Provision of children's play facilities would mostly be on- site as part of developments coming forward	£40,000 per MUGA (£265,600)	Unknown at this time		
MUGA (total)	1	Need for 7.35 of MUGA	Provision of children's play facilities would mostly be on- site as part of developments coming forward	£40,000 per MUGA (£294,000)	Unknown at this time		
Indoor sports halls (during plan period)	I	Need for 0.75 indoor sports halls	UDC or developer if private	£ 502,500	Unknown at this time		

#### **WEST OF BRAINTREE** Significance level Description Delivered by **Estimated Cost and likely** Planned Year (Critical/Necessary/ funding of Important) source Delivery UDC or Indoor sports Need for 1.41 indoor sports halls £ 944.700 Unknown at halls (post developer if this time plan period) private Indoor sports UDC or Unknown at Need for 2.16 indoor sports halls £1,447,200 halls (total) developer if this time private Need for 0.14 indoor swimming pools Indoor Unknown at this time Unknown at Developer **Swimming** this time Pools (during plan period) Unknown at this time Unknown at Need for 1.25 indoor swimming pools Developer Indoor **Swimming** this time Pools (post plan period) Indoor Need for 1.39 indoor swimming pools Developer Unknown at this time Unknown at **Swimming** this time Pools (total) Need for 59.6ha Developer Unknown at Natural and Unknown at this time semi-natural this time green spaces (during plan

period)

## WEST OF BRAINTREE

	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery
Natural and semi-natural green spaces (post plan period)	I	Need for 111.9ha	Developer	Unknown at this time	Unknown at this time
Natural and semi-natural green spaces (total)	.I	Need for 171.5ha	Developer	Unknown at this time	Unknown at this time
Amenity Green Space (during plan period)	I	Need for 8.5ha	Developer	Unknown at this time	Unknown at this time
Amenity Green Space (post plan period)	J	Need for 15.99ha	Developer	Unknown at this time	Unknown at this time
Amenity Green Space (total)	1	Need for 24.5ha	Developer	Unknown at this time	Unknown at this time

## **Easton Park Garden Community**

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
TRANSPORT						
Highways	С	M11 J8 major capacity improvement	Possible contribution from developer – delivery HE	ECC has obtained funding	Towards end of plan period. Possible contribution to be decided following further site information.	
Highways	С	Local level highway infrastructure enhancements will also be required.	Contribution/delivery from developer – and/or delivery ECC.	Will come forward with each stage of development	Contribution decided following further site information.	
Highways	С	A120 Braintree junctions – A120/B1018 Galleys Corner; A120/B1256 Marks Farm Roundabout	Contribution from developer – delivery and approval from HE	Substantial funding	Contribution decided following further site information.	
Sustainable Travel	<b>!</b>	Sustainable travel promotion and package and monitoring	Delivery by developer or ECC Travel planning team or bespoke teams set up for Garden Villages	£450,000. For this plan period	From first occupation to build out of the site plus 5 years following completion of the final dwelling	

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Sustainable travel- Bus		On site Passenger Transport Infrastructure and subsidised bus services to and from – local transportation interchanges, to serve Chelmsford and on- demand services to serve rural hinterland (eg Arriva Click); contributions towards off site infrastructure (bus stops etc)	Delivery by developer	Services- £4.1m  Off site infrastructure improvement- £200,000	First occupation to occupation of final dwelling plus 5 years	
Sustainable travel- Rapid Transit	N	Mass Rapid transit direct connection to Stansted Airport as a major transport interchange, also to Great Dunmow.	To be provided on an infrastructure first principle	£10m- does not include running services	1-5 years	
Sustainable travel- bus/cycling/walking	I	Bus/cycle/walk link to Great Dunmow bypass (with the potential to be all vehicle should the single site access be insufficient)	By developer	£10 million	From first occupation; need for use by all vehicles to be monitored	

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Sustainable travel- bus/cycling/walking	I	Walking, cycling and bus links to Stansted Airport would need to be provided as part of the package of transport measures.	Developer	Could be included in Mass Rapid Transit corridor	Initial phases	
Sustainable Travel- cycling/walking	I	Direct pedestrian and cycle linkage to town centre and local routes and villages	Developer	£1m	Provision of mitigation measures at early occupation but dependent on phasing and precise location of built	
Sustainable Travel- cycling/walking	1	Flitch Way – contribution for improvements between the site, Great Dunmow and Braintree	Contribution from developer – Delivery by ECC	£100,000	Contribution receipt from first occupation	
UTILITIES						
Electricity	С	New primary substation	Unknown at this time	£3-4m	Unknown at this time	
Electricity	С	Two 33kV cables for the circuits to the substation	Unknown at this time	£300,000-600,000 per kilometre	Unknown at this time	
Wifi and Broadband	I	Fibre based internet access. Housing developments over 30 homes will be provided	Large network operators	£0	Unknown at this time	

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
		with Fibre to the Premises free of charge by the large network operators				
Water	С	As a new WRC to serve the site is unlikely to be acceptable, options have been derived where flows are split between three WRCs but a decision is still to be made.	Thames Water	Cost Unknown at this time but would be funded by Thames Water	There would be insufficient WRC headroom by 2025.	
Waste	N	The Essex Waste Plan notes that there is a need to provide additional waste facilities to reflect changes in local population and demand. This includes enhanced provision of recycling facilities for household waste, as well as new facilities for recycling, treatment and disposal of other waste streams. This will need to be reviewed	Unknown at this time	Unknown at this time	Unknown at this time	

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Gas	С	Capacity is likely to be sufficient, but developers may be required to pay for a connection charge	Unknown at this time	Unknown at this time but funded by developers and National Grid	Unknown at this time	
EDUCATION						
Early Years & Child Care (during the plan period)	N	New nursery provision will be required plus 106 developer funds. If new school need is identified new nursery provision could be built at the same time. There is a need for 173.25 childcare places.	ECC with potential partnership with a private provider	£1.1m per stand-alone 56 place nursery.	Unknown at this time	
Primary School Provision	N	New primary school on 2.9ha D1 use allocation within Garden Settlement.	ECC and potential partnership with an Academy	£9.8m with funding potentially from S106	2025	
Primary School Provision (beyond plan period)	N	Six primary schools on 2.1ha sites	ECC and potential partnership with an Academy	£6.5m each	2033+	
Secondary School Provision	N	New secondary school on 9ha D1 use allocation within Garden Settlement	ECC and potential partnership with an Academy	£25.2m with potential funding from S106	2025	

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Secondary School Provision (beyond plan period)	N	One secondary school on a 9ha site	ECC and potential partnership with an Academy	£31m	2033+	
HEALTH AND SOCIAL	CARE					
GP surgery	C	Roughly 1 GP per 2,500 residents. This results in the need for 10 FTE additional GPs.	Unknown at this time	It is not possible to accurately determine the build cost or size of new health hubs at this stage. Funding for expansion of existing GP surgeries would firstly come through the Improvement Grant. This is funding that practices can apply for through NHS England for capital improvements to their practices. The contribution would be 66% of what is requested and the practices are then required to bridge the financial gap. This could in some cases be difficult for practices to	Once a patient- orientated critical mass has been achieved	

EASTON PARK							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
				achieve. All funding routes will be explored including S106 monies			
SOCIAL INFRASTRUC	TURE						
Allotments (during plan period)	I	Need for 1.41ha of allotments	Developer	£141,000	Unknown at this time		
Allotments (post plan period)	I	Need for 5.924a of allotments	Developer	£594,000	Unknown at this time		
Allotments (total)	I	Need for 7.35 ha of allotments	Developer	£735,000	Unknown at this time		
Community centres (during plan period)	l	Need for 3.14 community centres	Developer and potentially Sport England	£4,716,250	Should be provided by the time that a reasonable proportion of the population of a new strategic development has been established		
Community centres (post plan period)		Need for 13.19 community centres	Developer and potentially Sport England	£ 19,783,750	Should be provided by the time that a reasonable proportion of the population of a new strategic development has been established		

EASTON PARK						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
Community centres (total)	l	Need for 16.33 community centres	Developer and potentially Sport England	£24,500,000	Should be provided by the time that a reasonable proportion of the population of a new strategic development has been established	
Play Space (during plan period)	I	Need for 0.94ha of open space	Provision of children's play facilities would mostly be on-site as part of developments coming forward	Unknown at this time	Unknown at this time	
Play Space (post plan period)	l	Need for 3.96ha of open space	Provision of children's play facilities would mostly be on-site as part of developments coming forward	Unknown at this time	Unknown at this time	
Play Space (total)	I	Need for 4.9ha of open space	Provision of children's play facilities would mostly be on-site as part of developments coming forward	Unknown at this time	Unknown at this time	
Outdoor pitch facilities (during plan period)	!	Need for 5.65ha outdoor pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time	

EASTON PARK							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Outdoor pitch facilities (post plan period)	I	Need for 23.7ha outdoor pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time		
Outdoor pitch facilities (total)	I	Need for 29.4ha outdoor pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time		
MUGA (during plan period)	I	Need for 1.41 of MUGA	Provision of children's play facilities would mostly be on-site as part of developments coming forward	£40,000 per MUGA (£56,400 total)	Unknown at this time		
MUGA (post plan period)	l	Need for 5.94 of MUGA	Provision of children's play facilities would mostly be on-site as part of developments coming forward	£40,000 per MUGA (£237,600 total)	Unknown at this time		
MUGA (total)		Need for 7.35 of MUGA	Provision of children's play facilities would mostly be on-site as part of developments coming forward	£40,000 per MUGA (£294,000 total)	Unknown at this time		
Indoor sports halls	I	Need for 0.42 indoor	UDC or developer if	£278,429	Unknown at this time		

EASTON PARK							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
(during plan period)		sports halls	private				
Indoor sports halls (post plan period)	ı	Need for 1.74 indoor sports halls	UDC or developer if private	£1,167,954	Unknown at this time		
Indoor sports halls (total)	ı	Need for 2.16 indoor sports halls	UDC or developer if private	£1,446,383	Unknown at this time		
Indoor Swimming Pools (during plan period)	I	Need for 0.27 indoor swimming pools	Developer	Unknown at this time	Unknown at this time		
Indoor Swimming Pools (post plan period)	I	Need for 1.12 indoor swimming pools	Developer	Unknown at this time	Unknown at this time		
Indoor Swimming Pools (total)	ı	Need for 1.39 indoor swimming pools	Developer	Unknown at this time	Unknown at this time		
Natural and semi- natural green spaces (during plan period)	I	Need for 33ha	Developer	Unknown at this time	Unknown at this time		
Natural and semi- natural green spaces (post plan period)	I	Need for 138.5ha	Developer	Unknown at this time	Unknown at this time		
Natural and semi- natural green spaces	ı	Need for 171.5ha	Developer	Unknown at this time	Unknown at this time		

EASTON PARK							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
(total)							
Amenity Green Space (during plan period)	I	Need for 4.7ha	Developer	Unknown at this time	Unknown at this time		
Amenity Green Space (post plan period)	1	Need for 19.78ha	Developer	Unknown at this time	Unknown at this time		
Amenity Green Space (total)	I	Need for 24.5ha	Developer	Unknown at this time	Unknown at this time		

# **Existing settlements**

INDIVIDUAL SETTLEMENTS								
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery			
SAFFRON WALD	EN			•	•			
Highways	С	Seven of the eleven main junctions will exceed capacity in the plan period, and two will near capacity. Mitigation measures will be required to the Peaslands Road corridor	Developer and ECC	Unknown at this time	Unknown at this time			
Highways	N	Newport Road / Borough Lane priority junction improvements.	Developer and ECC	Unknown at this time	Unknown at this time			
Highways	N	Debden Road, London Road to Borough Lane junction improvements.	Developer and ECC	Unknown at this time	Unknown at this time			
Highways	N	Thaxted Road / Peaslands Road junction improvements.	Developer and ECC	Unknown at this time	Unknown at this time			
Highways	N	Waiting restrictions on Peaslands Road.	Developer and ECC	Unknown at this time	Unknown at this time			
Gas	С	Capacity is likely to be sufficient, but developers may be required to pay for a connection charge	Unknown at this time	Unknown at this time but funded by developers and National Grid	Unknown at this time			

INDIVIDUAL SETTLEMENTS							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Electricity	С	Connection to a substation.	Unknown at this time	2015 costs were £1,000 per dwelling, plus the cost of the 11kV network extension or diversion.	Unknown at this time		
Broadband / WI-FI	•	New development over 30 homes will have FTTP free of charge. Smaller in-fill type developments are likely to be built within existing footprints, so are unlikely to require additional infrastructure deployment.	Virgin Media, Openreach and Gigaclear	Minimal Unknown at this time costings Funded by Virgin Media, Openreach and Gigaclear	Pre- occupation		
Water	С	The Water Cycle Study suggests that Saffron Walden WRC has capacity, but the continued review of this will be important.	Unknown at this time	Unknown at this time	Unknown at this time		
Waste	N	The waste facility is operating at or near capacity so mitigation or an alternative will be required	Unknown at this time	Unknown at this time	Unknown at this time		
Early years Education	N	Need 28 early years and childcare places	ECC with potential partnership with a private provider	£1.1m per stand-alone 56 place nursery.	Unknown at this time		
Primary Education	N	New Primary School on Radwinter Road / Shire Hill location.	ECC with potential partnership with a private provider	£6.5m funding from S106	2020		

INDIVIDUAL SETTLEMENTS							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Health and Wellbeing	С	Great Dunmow has the largest challenge in terms of population growth and future health care provision. The community hospital site utilisation is an option	Unknown at this time	Unknown at this time	Unknown at this time		
Emergency Services	N	Funding will be required to increase the police service to support proposed growth	Unknown at this time	Unknown at this time	Unknown at this time		
Allotment	I	Allotment provision of 0.19ha will be required	Developer	£18,856 funded by developer contributions	Unknown at this time		
Community Centre	1	No requirement for a full community centre, but a contribution to an existing may be required.	Developer	£170,336	Unknown at this time		
Play Space	1	Requirement for 0.15ha of play space	Developer and potentially Sport England	Unknown at this time	Unknown at this time		
Outdoor pitch facilities	I	Requirement for 0.91ha of pitches	Developer and potentially Sport England	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time		
MUGA	I	Requirement for 0.23 MUGA	Developer and potentially Sport England	£40,000 per MUGA (£9,200 in total)	Unknown at this time		

INDIVIDUAL SETTLEMENTS							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Natural/ semi- natural green space	j	Requirement for 0.31ha of amenity space	Developer	Unknown at this time	Unknown at this time		
Natural/ semi- natural green space	I	Requirement for 5.3ha of open space	Developer	Unknown at this time	Unknown at this time		
GREAT DUNMOV	V						
Highways	С	Road access is seen to be adequate and existing delays will be improved through the implementations of conditions from of permitted development	Unknown at this time	Unknown at this time	Unknown at this time		
Electricity	С	Connection to a substation.	Unknown at this time	2015 costs were £1,000 per dwelling, plus the cost of the 11kV network extension or diversion.	Unknown at this time		
Gas	С	Capacity is likely to be sufficient, but developers may be required to pay for a connection charge	Unknown at this time	Unknown at this time but funded by developers and National Grid	Unknown at this time		
Broadband/ Wifi	I	New development over 30 homes will have FTTP free of charge Smaller in-fill type developments are likely to be built within existing footprints, so are	Virgin Media, Openreach and Gigaclear	Minimal Unknown at this time costings Virgin Media, Openreach and Gigaclear	Pre- occupation		

INDIVIDUAL SETTLEMENTS						
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery	
		unlikely to require additional infrastructure deployment.				
Water	С	Unknown at this time	Unknown at this time	Unknown at this time	Unknown at this time	
Waste	N	The Water Cycle Study suggests that once the new WRC is opened in Summer 2018, capacity will improve. This will need to be reviewed.	Unknown at this time	Unknown at this time	Unknown at this time	
Early Years Education	N	Need 69 early years and childcare places. Could be 2x32 place nurseries. Could be accommodated in new primary schools.	ECC with potential partnership with a private provider	£1.1m per stand-alone 56 place nursery.	Unknown at this time	
Primary Education	N	New 2fe Primary School on Smith's Farm site	ECC with potential partnership with a private provider	£6.5m S106 including partial funding from extant agreement for site.	2019 but likely to slip	
	N	New Primary School on 2.1ha D1 use allocation at Woodside Way	ECC with potential partnership with a private provider	£6.5m S106 including partial funding from extant agreement for site.	2024	
	N	Expansion of Smith's Farm or Woodside Way school	ECC with potential partnership with a private provider	£2.8m funding from S106	2029	

INDIVIDUAL SETTLEMENTS							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
Health and Wellbeing	С	Unknown at this time but will need to be reviewed through IDP updates	Unknown at this time	Unknown at this time	Unknown at this time		
Emergency Services	N	Funding will be required to increase the police service to support proposed growth	Unknown at this time	Unknown at this time	Unknown at this time		
Allotment	1	Allotment provision of 0.47ha will be required	Developer	£46,614 funded by developer contributions	Unknown at this time		
Community Centre	1	No requirement for a full community centre, but a contribution to an existing may be required.	Unknown at this time	£757,050	Unknown at this time		
Play Space	1	0.37ha	Developer	Unknown at this time	Unknown at this time		
MUGA	I	0.56	Developer	£40,000 per MUGA (£22,400 total)	Unknown at this time		
Outdoor pitch facilities	I	Requirement for 1.66 sports pitches (2.25ha)	Developer	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time		
Natural/ semi- natural green	1	Requirement for 0.77ha of amenity space	Developer	Unknown at this time	Unknown at this time		

INDIVIDUAL SETTLEMENTS							
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery		
space							
Natural/ semi- natural green space	I	Requirement for 13.12ha of open space	Developer	Unknown at this time	Unknown at this time		

# Key Villages: Elsenham, Newport, Great Chesterford, Hatfield Heath, Stanstead Mountfitchet, Takeley, Thaxted

## KEY VILLAGES: ELSENHAM, NEWPORT, GREAT CHESTERFORD, HATFIELD HEATH, STANSTEAD MOUNTFITCHET, TAKELEY, THAXTED Significance level Delivered by **Description** Estimated Cost and Planned Year of (Critical/Necessary/ likely funding **Delivery** Important) source **Transport** C Unknown at this time Unknown at this time Unknown at this time Unknown at this time **Electricity** C Connection to a substation. Unknown at this time 2015 costs were Unknown at this time £1,000 per dwelling. plus the cost of the 11kV network extension or diversion. Water C Takeley: Based on TWs latest Unknown at this time Unknown at this time Unknown at this time model prediction and data, the existing works has sufficient headroom to deal with the current level of growth forecast within AMP6 (2015-2020) and AMP7 (2020-2025). A quality project is due to complete in early AMP7. However, upgrades are likely to be required within AMP7 to cope with the impacts of additional growth being considered in the new Local Plan.

### KEY VILLAGES: ELSENHAM, NEWPORT, GREAT CHESTERFORD, HATFIELD HEATH, STANSTEAD MOUNTFITCHET, TAKELEY, THAXTED Significance level Description Delivered by Estimated Cost and Planned Year of (Critical/Necessary/ likely funding Delivery Important) source С Delivered by 2023 Water Stansted Mountfitchet: TW has Unknown at this time Unknown at this time expressed concern about the potential impact of the level of growth in the catchment area on the sewerage treatment work at Stansted Mountfitchet (which includes development at Elsenham). Although considered to have sufficient headroom at the moment, it is expected that upgrades will be required during early-mid AMP7 Bishops Stortford: Based on Water C Unknown at this time Unknown at this time Unknown at this time current data, the existing works has sufficient headroom to deal with the level of growth forecast within AMP6 and AMP7. Water C Some network reinforcements will Unknown at this time Unknown at this time Unknown at this time be required to cater for the proposed growth but no critical areas were identified Great Easton, Great Dunmow and Water C Unknown at this time Unknown at this time By 2033 Newport will all require enhancements to treatment

KEY VILLAGES: ELSENHAM, NEWPORT, GREAT CHESTERFORD, HATFIELD HEATH, STANSTEAD MOUNTFITCHET, TAKELEY, THAXTED					
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery
		capacity due to existing constraints			
Waste	N	The allocation at Elsenham comprises an undeveloped site wither side of the existing haul road to Elsenham Quarry. The Waste Local Plan notes that a vehicle routing agreement is required to ensure use of the appropriate road network. The Waste Local Plan assumes this is available in the short term and would comprise a permanent facility.	Unknown at this time	Unknown at this time	Initial Phases
Broadband/ WI-FI	I	New development over 30 homes will have FTTP free of charge Smaller in-fill type developments are likely to be built within existing footprints, so are unlikely to require additional infrastructure deployment.	Virgin Media, Openreach and Gigaclear	Minimal Unknown at this time costings Virgin Media, Openreach and Gigaclear	Pre-occupation
Early Years Education	N	Need 23 early years and childcare places	ECC with potential partnership with a private provider	£1.1m per stand- alone 56 place nursery.	Unknown at this time

#### KEY VILLAGES: ELSENHAM, NEWPORT, GREAT CHESTERFORD, HATFIELD HEATH, STANSTEAD MOUNTFITCHET, TAKELEY, THAXTED Significance level Description Delivered by **Estimated Cost and** Planned Year of Delivery (Critical/Necessary/ likely funding Important) source Ν Health and Unknown at this time but will Unknown at this time Unknown at this time Unknown at this time Wellbeing need to be reviewed through IDP updates. Funding will be required to **Emergency** Ν Unknown at this time Unknown at this time Unknown at this time increase the police service to **Services** support proposed growth Allotment provision of 0.16ha will Developer £15,188 funded by **Allotments** Unknown at this time be required in total developer contributions Community Centre I No requirement for a full Developer £644,350 Unknown at this time community centre, but a contributions to an existing facility may be required **Play Space** Developer Unknown at this time Unknown at this time 0.13ha **MUGA** Developer £40,000 per MUGA Unknown at this time 0.16 (£6,400 total) **Sports pitches** No requirement for a full sports Developer Cost vary between Unknown at this time pitch, but a contribution to an £20,000 and existing may be required £105,000 per pitch, (0.78ha) depending on type.

#### KEY VILLAGES: ELSENHAM, NEWPORT, GREAT CHESTERFORD, HATFIELD HEATH, STANSTEAD MOUNTFITCHET, TAKELEY, THAXTED Significance level Description Delivered by **Estimated Cost and** Planned Year of (Critical/Necessary/ likely funding Delivery Important) source Natural/ semi-Requirement for 0.53ha of Developer Unknown at this time Unknown at this time natural green amenity space space Requirement for 3.7ha of open Developer Unknown at this time Unknown at this time space

# Type A and B Villages

TYPE A AND B VILLAGES					
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery
Gas	С	Unknown at this time	Unknown at this time	Unknown at this time	Unknown at this time
Electricity	С	Unknown at this time	Unknown at this time	Unknown at this time	Unknown at this time
Water	С	The Water Cycle Study suggests that at Great Easton and Newport that existing consent is marginally exceeded. This will need to be reviewed and there may be investment required. This will need to be reviewed.	Unknown at this time	Unknown at this time	2020-2030
Waste	N	Unknown at this time	Unknown at this time	Unknown at this time	Unknown at this time
Early Years Education	N	Need 14 early years and childcare places for the allocations across all villages.	Developer, ECC and education provider	£1.1m per stand- alone 56 place nursery.	Unknown at this time
Primary Education	N	Newport- Half form entry school expansion	ECC with potential partnership with a private provider	£1.75m funding from S106	2020
Primary Education	N	Stebbing- Additional Permanent accommodation	ECC with potential partnership with a	£0.4m funding from S106	2019

TYPE A AND B VILLAGES					
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery
			private provider		
Primary Education	N	Felsted- Additional Permanent accommodation	ECC with potential partnership with a private provider	£0.4m funding from S106	2020
Secondary Education	N	Stansted- 1fe expansion of Forest Hall	ECC with potential partnership with a private provider	£3m funding by S106	2021
Secondary Education	N	Newport- Joyce Frankland minor expansion	ECC with potential partnership with a private provider	£1.2m funding by S106	2021
Health and Wellbeing	N	Unknown at this time	Unknown at this time	Unknown at this time	Unknown at this time
Emergency Services	N	Funding will be required to increase the police service to support proposed growth	Unknown at this time	Unknown at this time	Unknown at this time
Allotments	1	Allotment provision of 0.1ha	Developer	£8,645	Unknown at this time
Community Centre	J	No requirement for a full community centre, but a contribution to an existing may be	Developer	£343,000	Unknown at this time

TYPE A AND B VILLAGES					
	Significance level (Critical/Necessary/ Important)	Description	Delivered by	Estimated Cost and likely funding source	Planned Year of Delivery
		required.			
Play Space	I	0.07ha	Developer	Unknown at this time	Unknown at this time
MUGA	I	0.1	Developer	£40,000 per MUGA (£4,000 in total)	Unknown at this time
Sports pitches	I	No requirement for a full sports pitch, but a contribution to an existing may be required (0.41ha)	Developer	Cost vary between £20,000 and £105,000 per pitch, depending on type.	Unknown at this time
Natural/ semi- natural green space	I	Requirement for 0.14ha of amenity space	Developer	Unknown at this time	Unknown at this time
Natural/ semi- natural green space	I	Requirement for 2.4ha of open space	Developer	Unknown at this time	Unknown at this time