

**Infrastructure Delivery Plan - Preferred Growth Option**

Hierarchy	Settlement	Discipline	Sub-discipline	Delivery Programme	Infrastructure Requirement	Cost Estimate	Cost Estimate Source	Programme Duration	CIL Funding	S106 Funding	Public Sector Funding	Funding Programme									
													2014	2015	2016	2017	2018	2019	2020	2021	2022
District Wide	Not Applicable	Transport	Newark on Trent Southern Link Road		New link road	£20,000,000	Estimated by WYG	2014 - 2016	100%	0%	0%										
			A46/B6166 Farndon Roundabout, Newark on Trent Bypass		Assumed to be improved as part of the SLR	£0	Estimated by WYG	2014 - 2016	0%	0%	100%										
			A1/B6326 London Road Roundabout, Ballderton		Possible introduction of signal control and improvements to A1 merge/diverge facilities. Assumed	£0	Estimated by WYG	2014 - 2016	50%	0%	50%										
			A614/A6075/A616 Ollerton Roundabout junction		As per previously proposed NCC scheme.	£4,000,000	Estimated by WYG	2014 - 2016	25%	0%	75%										
			A46/A617 Cattle Market Roundabout, Newark on Trent Bypass		Introduction of signal control	£3,000,000	Estimated by WYG	2016 - 2017	50%	0%	50%										
			A1/A17 Winthorpe Roundabout, Newark on Trent Bypass		Introduction of signal control (capacity/safety improvement)	£2,000,000	Estimated by WYG	2016 - 2017	50%	0%	50%										
			A1/A46 Brownhills Roundabout, Newark on Trent Bypass		Introduction of signal control (capacity/safety improvement)	£2,000,000	Estimated by WYG	2016 - 2017	50%	0%	50%										
			A46 Link Capacity, Newark on Trent Bypass		Road space reallocation to make best use of available carriageway, particularly on junction	£500,000	Estimated by WYG	2017 - 2018	50%	0%	50%										
			A6097/Trentside at Gunthorpe		Scheme to ban right turns.	£250,000	Estimated by WYG	2017 - 2018	10%	0%	90%										
			A6097/A612 junction at Lowtham		Possible introduction of signal control and associated geometry revisions.	£125,000	Estimated by WYG	2017 - 2018	70%	0%	30%										
			A6097/B6386 junction at Oxtou		Possible widening of southern arm entry/exist and circulatory to allow 2-lane ahead movements	£500,000	Estimated by WYG	2017 - 2018	60%	0%	40%										
			A6097 Link capacity (A46 to A612), Gunthorpe to Lowtham		Possible on-line carriageway widening and/or alternative capacity improvements, such as	£2,000,000	Estimated by WYG	2018 - 2020	10%	0%	90%										
			A6097 Link capacity (A612 to B6386), Lowtham to Oxtou		Possible on-line carriageway widening and/or alternative capacity improvements	£7,000,000	Estimated by WYG	2018 - 2020	15%	0%	85%										
			A617 Link capacity (A46 to C17), Ketham		Possible on-line carriageway widening and/or alternative capacity improvements	£5,000,000	Estimated by WYG	2020 - 2026	50%	0%	50%										
			Possible new bridge over River Trent		Possible provision of a new road bridge over the River Trent	£10,000,000	Estimated by WYG	2020 - 2026	50%	0%	50%										
			A614/C1 junction - White Post roundabout		Possible reallocation of road space to provide 2 approach lanes from the south	£300,000	Estimated by WYG	2020 - 2026	100%	0%	0%										
			A614/A617 junction (Lockwell Hill)		Possible widening of entry/exists and circulatory to allow 2-lane movements.	£1,000,000	Estimated by WYG	2020 - 2026	60%	0%	40%										
			A614/Mickledale Lane junction		Rationalise junction layout with possible closure of adjacent accesses.	£250,000	Estimated by WYG	2020 - 2026	45%	0%	55%										
			A614/C13 Eaking Road junction		Provide standard acceleration/deceleration tapers.	£100,000	Estimated by WYG	2020 - 2026	100%	0%	0%										
			A614/B6030 junction (south of Ollerton)		Possible introduction of signal control and associated junction geometry revisions.	£300,000	Estimated by WYG	2020 - 2026	60%	0%	40%										
			Church Gate/Westgate/King Street junction, Southwell		Possible introduction of signal control and associated junction geometry revisions.	£500,000	Estimated by WYG	2020 - 2026	100%	0%	0%										
			A614 Link capacity (A6097 to C1 'White Post' roundabout)		Possible on-line carriageway widening and/or alternative capacity improvements	£4,000,000	Estimated by WYG	2020 - 2026	100%	0%	0%										
			A614 Link capacity (A617 to C13 Eaking Road)		Possible on-line carriageway widening and/or alternative capacity improvements	£3,600,000	Estimated by WYG	2020 - 2026	45%	0%	55%										
			A614 Link capacity (B6030 to A6075/A616 Ollerton Roundabout)		Possible on-line carriageway widening and/or alternative capacity improvements	£1,700,000	Estimated by WYG	2020 - 2026	100%	0%	0%										
			A612 Westgate link capacity, Southwell		Possible traffic management scheme	£400,000	Estimated by WYG	2020 - 2026	100%	0%	0%										
			London Road / Main Street junction		Introduction of intelligent traffic signal control	£150,000	Estimated by WYG	Relates to specific developments	£0	£150,000	£0	Assumed to be directly attributable to development									
			London Road / Bowdridge Road junction		Introduction of intelligent traffic signal control	£150,000	Estimated by WYG	Relates to specific developments	£0	£150,000	£0	Assumed to be directly attributable to development									
			London Road / Portland Street junction (Beaumont Cross)		Introduction of intelligent traffic signal control	£150,000	Estimated by WYG	Relates to specific developments	£0	£150,000	£0	Assumed to be directly attributable to development									
			Bamby Gate / Sherwood Avenue junction		Introduction of intelligent traffic signal control	£80,000	Estimated by WYG	Relates to specific developments	£0	£80,000	£0	Assumed to be directly attributable to development									
			Barnby Gate / Coddington Road junction		Provision of 'ghost island' & acceleration/deceleration tapers	£350,000	Estimated by WYG	Relates to specific developments	£0	£350,000	£0	Assumed to be directly attributable to development									
			Lincoln Road / Beaul Drive junction		Introduction of intelligent traffic signal control and localised widening	£150,000	Estimated by WYG	Relates to specific developments	£0	£150,000	£0	Assumed to be directly attributable to development									
			Lincoln Road / Northern Road junction		Introduction of intelligent traffic signal control	£150,000	Estimated by WYG	Relates to specific developments	£0	£150,000	£0	Assumed to be directly attributable to development									
			Castle Gate / Lombard Street junction		Introduction of intelligent traffic signal control	£200,000	Estimated by WYG	Relates to specific developments	£0	£200,000	£0	Assumed to be directly attributable to development									
			Castle Gate / Spalding Street junction		Introduction of intelligent traffic signal control	£200,000	Estimated by WYG	Relates to specific developments	£0	£200,000	£0	Assumed to be directly attributable to development									
			Bowdridge Road / Boundary Road junction		Increase size of roundabout	£500,000	Estimated by WYG	Relates to specific developments	£0	£500,000	£0	Assumed to be directly attributable to development									
			Bowdridge Road / Hawton Lane junction		Introduction of signal control	£250,000	Estimated by WYG	Relates to specific developments	£0	£250,000	£0	Assumed to be directly attributable to development									
			Beacon Hill Road / Northern Road junction		Introduction of signal control	£80,000	Estimated by WYG	Relates to specific developments	£0	£80,000	£0	Assumed to be directly attributable to development									
			Stanford Road / Friar Road junction		Localised strip widening	£50,000	Estimated by WYG	Relates to specific developments	£0	£50,000	£0	Assumed to be directly attributable to development									
			Queens Road / Kings Road junction		Introduction of signal control	£250,000	Estimated by WYG	Relates to specific developments	£0	£250,000	£0	Assumed to be directly attributable to development									
			Great North Road/North Gate/Castle Gate Roundabout (Beastmarket Hill)																		
			Queens Road/North Gate																		
									<b>£71,445,000</b>			<b>£15</b>	<b>£4,720,000</b>	<b>£11</b>							
			Sub Regional Centre	Newark	Education	Secondary School		New secondary school	£25,000,000		24 months construction period				LEA/Developer Tariff						
Library		Library Extension				£475,000		12 months construction					Developer Tariff								
Leisure		Sports Hub				£10,000,000		18 months construction, end of 2011					NSDC / LEA / Developer Tariff								
Utilities		Electricity				TBC		Upgrade to Bulk Supply Point		18 to 24 months from point of application				Central Networks							
Electricity		New Primary Substation 180kVA for employment				£3,500,000	£3,500,000 for new Primary Substation (from Central Networks) plus £1000/m for 2 no. 33kV circuits (budgets taken from CN Long Term Development Statement)	Developer contribution unlikely	18 to 24 months from point of application					Central Networks							
Utilities		Wastewater				£7,000,000	Upgrade of Balderston Sewage Treatment Works	Estimate provided by STW at meeting of 15/5/09	4 to 4 years from point of application					Funded by Severn Trent Water - if development approved in Core Strategy							
Sub Regional Centre Strategic Sites	Land South of Newark	Education				Primary Schools		2 no. two form entry primary schools	£14,000,000		24 months each				LEA / Developer Tariff						
						Health		Doctors	£2,090,000		24 months					PCT					
						Retail		Local Centre	£2,090,000	Scheme dependent											
						Utilities		Electricity	£4,000,000	New Primary Substation 180kVA	£3,500,000 for new Primary Substation (from Central Networks) plus £1000/m for 2 no. 33kV circuits (budgets taken from CN Long Term Development Statement)	12 to 18 months from point of application					Funded directly by developer				
						Utilities		Gas	£640,000	Offsite Reinforcement to Gas Works for applications greater than 250 dwellings	£180/m + £100,000 for pressure reducing station based on experience of similar maining contracts	18 to 24 months from point of application					Funded directly by developer				
						Utilities		Water	£6,000,000	13km offsite water main	Provided by STW - minuted from meeting and follow-up email	18 to 24 months from point of application					Funded directly by developer				
						Fermwood	up to 2,200 residential units in plan period	Education	Primary Schools		1 no. single form entry and 1 no. two form entry primary schools	£12,000,000		18 months and 24 month construction periods				LEA / Developer Tariff			
									Health		Doctors Surgery	£2,090,000		Extension to extd premises					PCT		
									Retail		Local Centre	£2,090,000	Scheme dependent								
									Utilities		Electricity	£4,500,000	New Primary Substation 180kVA	£3,500,000 for new Primary Substation (from Central Networks) plus £1000/m for 2 no. 33kV circuits (budgets taken from CN Long Term Development Statement)	12 to 18 months from point of application					Funded directly by developer	
									Education		Primary Schools	£5,000,000	1 no. single form entry primary school		24 months					LEA / Developer Tariff	
									Health		Doctors	£1,672,000	2 no. new GP		Extension to extd premises					PCT	
									Land East of Newark	up to 1,600 residential units	Education	Primary Schools		1 no. single form entry primary school	£5,000,000		24 months				LEA / Developer Tariff
												Health		Doctors	£1,672,000	2 no. new GP		Extension to extd premises			
Service Centres	Ollerton and Boughton	Education										Primary Schools		1 no. single form entry primary school	£5,000,000		18 months construction				LEA / Developer Tariff
												Education		Secondary Schools	£1,365,000	Additional 82 secondary school places	12 months construction				
						Health		Doctors Surgery				TBC	1 no. GP								
			Utilities		Electricity	£438,500	Upgrade of 11kV Circuits	£185/m for twin 11kV circuits in public highway + circuit breakers at £50,000 per pair (budgets taken from CN LTDS)				Developer led programme	3 to 4 years from application				Funded directly by developer				
			Utilities		Wastewater	TBC	Upgrade to STW sewer	STW has not confirmed investment needs				18 months construction					Severn Trent Water - if development approved in LDF				
			Clipstone	636 residential units	Education	Primary Schools		Additional 134 primary school places				£3,190,000		12 months construction				LEA / Developer Tariff			
						Education		Secondary Schools				£1,700,000	Additional 102 secondary school places	12 months construction					LEA / Developer Tariff		
Rainworth	421 residential units	Education	Primary Schools		Additional 88 primary school places	£2,095,000		12 months construction				LEA / Developer Tariff									
			Education		Secondary Schools	£1,115,000	Additional 67 secondary school places	12 months construction					LEA / Developer Tariff								
			Utilities		Flood Compensation	£1,475,000	Flood Compensation	Subject to detailed design													
Southwell	294 residential units	Education	Primary Schools		Additional 62 primary school places	£1,475,000		18 months construction				LEA / Developer Tariff									
			Education		Secondary Schools	£785,000	Additional 47 secondary school places	12 months construction					LEA / Developer Tariff								
Utilities	Wastewater				Upgrade of sewage treatment works	TBC		3 to 4 years from application				Severn Trent Water - if development approved in LDF									
Principal Villages	Bilthorpe	Education	Primary Schools		Additional 49 primary school places	£1,165,000		12 months construction				LEA / Developer Tariff									
			Education		Secondary Schools	£615,000	Additional 37 secondary school places	12 months construction					LEA / Developer Tariff								
			Leisure		Community Centre	£500,000	New Community Centre	12 months construction					Developer Tariff								
	Bilthorpe	300 residential units	Education	Primary Schools		Additional 63 primary school places	£1,500,000		12 months construction				LEA / Developer Tariff								
				Education		Secondary Schools	£800,000	Additional 48 secondary school places	12 months construction					LEA / Developer Tariff							
	Collingham	117 residential units	Education	Primary Schools		Additional 25 primary school places	£595,000		12 months construction				LEA / Developer Tariff								
				Education		Secondary Schools	£315,000	Additional 19 secondary school places	12 months construction					LEA / Developer Tariff							
	Edwinstowe	121 residential units	Education	Primary Schools		Additional 25 primary school places	£595,000		12 months construction				LEA / Developer Tariff								
				Education		Secondary Schools	£125,000	Additional 19 secondary school places	12 months construction					LEA / Developer Tariff							
	Utilities	Electricity				2.1km of twin 11kV circuits	£438,500		12 months construction				Funded directly by developer								
	Farnfield	109 residential units	Education	Primary Schools		Additional 23 primary school places	£550,000		12 months construction				LEA / Developer Tariff								
				Education		Secondary Schools	£285,000	Additional 17 secondary school places	12 months construction					LEA / Developer Tariff							
	Utilities	Electricity				0.7km of twin circuits plus Primary substation reinforcement	£179,500		12 months construction				Funded directly by developer								
	Lowtham	65 residential units	Green Infrastructure	Flood Defence		Upgrades to flood defences	£142,500	Subject to detailed design					Environment Agency								
				Woodland		Woodland	£335,000	Additional 14 primary school places	12 months construction					LEA / Developer Tariff							
	Utilities	Electricity				Additional 10 secondary school places	£165,000		12 months construction				Funded directly by developer								
Sutton On Trent	46 residential units	Utilities	Wastewater		Pumping station and rising main	£187,500	£200,000 for a pumping station + £250/m for rising main based on experience of similar sized development and typical unit costs for installing PE pipes in public highway	18 to 24 months from application				Developer funded									
			Electricity		Additional 10 primary school places	£240,000			12 months construction				LEA / Developer Tariff								
Utilities	Gas				1.3km of 11kV twin circuits	£290,500		12 months construction				Developer funded									
Utilities	Gas				0.5km of offsite gas main	£925,000		12 to 18 months				Developer funded offset by KGT									