SADPD Infrastructure Delivery	Plan (Preferred Options version)
Selby District Site Allocations Develo (Preferred Options stage)	opment Plan Document (SADPD)
Infrastructure Delivery Plan	
September 2011	

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1. Introduction

1.1 The Infrastructure Delivery Plan (IDP) sets out the infrastructure needs and delivery plan to accommodate development through the SADPD plan period. The Infrastructure Delivery Plan is an evolving document and will be updated as appropriate to present the most up-to-date picture. The IDP is based on the Core Strategy IDP that has already been prepared, but this will add a greater level of detail as the SADPD evolves.

Background

- The Core Strategy is the means for "orchestrating the necessary social, physical and green infrastructure required to ensure that sustainable communities are created" (PPS12 Local Spatial Planning). Through its own IDP it includes information on who will provide the infrastructure and when it will be provided. To avoid repetition, this document should be read in conjunction with that IDP.
- 1.3 The Infrastructure Delivery Plan includes information on
 - Needs and cost
 - · Phasing of development
 - · Funding sources
 - Responsibility for delivery
- 1.4 PPS12 recognises that due to the budgeting processes of different agencies whose projects are relevant to the Core Strategy, less information about future projects may be available than would be desired, especially for projects that are planned to take place after the first five years. The Council is satisfied that the Core Strategy IDP is sufficient, and will now seek greater clarity form infrastructure providers to support the SADPD.
- 1.5 The Council is committed to communicating on a regular basis with stakeholders and infrastructure providers through formal consultation, meetings and correspondence. Stakeholders and infrastructure providers are kept informed of the progress of new policy documents and of proposals that may impact on their service.

Document Structure

1.6 This IDP sets out the infrastructure requirements in the Principal Town, Local Service Centres and Designated Service Villages.

2. The District-Wide Situation in Key Infrastructure Areas

2.1 The table below summarises the broad District Wide situation set out in the Core Strategy IDP.

Operator/Provider	Documentation	Key Issues	Constraint on development				
Transport							
The Highways Agency is responsible for the national Strategic Road Network (SRN) North Yorkshire County Council (NYCC) Highways Dept	Local Transport Plan (LTP3) April 2011 to March 2016	M62, A1 and A64. No issues in the District, some cross boundary rush hour effects Funding in place for maintenance and minor improvements.	Cumulative impact to be assessed. Localised junction capacity to be assessed. No strategic deficiency has been highlighted that cannot be accommodated through the planning process.				
Buses operated by Arriva (main operator), Metro, Transdev Coastliner, Thornes, Utopia and York Pullman		Reductions in frequency from 17 April 2011	Arriva and other bus service companies provide services where they are economically viable, and estimate that services can be added to in the future, provided that they are viable to the business and begin with start up funding secured through the planning process.				
Network Rail Trans Pennine Express, Northern Rail, Hull trains	Draft Northern Route Utilisation Strategy (RUS). Route Plan (2008) for North Trans-Pennine, North and West Yorkshire Yorkshire and Humber RUS (July 2009)	Forecasts significantly more growth in rail usage over the next ten to twenty years. Additional car parking at South Milford (estimated cost excluding land acquisition is £500,000) and installation of lifts at Selby (estimated cost is £1.5 million). Enlarged, parkway station at Micklefield. Extra carriages on existing trains. Level crossing capacity.	No strategic deficiency has been highlighted that cannot be accommodated through the planning process.				
Energy							
National Grid CE Electric UK Yorkshire Electric Distribution (YEDL) Northern Gas Networks	Yorkshire Electricity Long Term Development Statement	Gas not available across whole District. Gar transmission pipeline route to be agreed.	No strategic deficiencies in delivering energy have been highlighted.				
Water and Dra	Water and Drainage						
Yorkshire Water (YW)		New abstraction licences will	YW advises that supply is				

Operator/Provider	Documentation	Key Issues	Constraint on
			development
Environment Agency (EA)		only be granted from the River Aire or Selby Canal	unlikely to be a constraint, as powers exist and measures are in place to ensure supply.
Internal Drainage Boards (IDB), York Consortium of Drainage Boards, Selby Drainage Board		Pumping Stations are generally at capacity, and cannot accept increased flows to them. Developer contributions will be required to accommodate additional capacity.	No strategic deficiency in relation to water supply, waste water treatment and land drainage has been highlighted that cannot be accommodated through the planning process.
Environment Agency Selby District Council	Selby District Council Strategic Flood Risk Assessment. EA action plans for 0- 5, 5-10 and 10-15 year periods	Tadcaster, Cawood & Ulleskelf Flood Defences. Selby Dam Pumping Station	Anticipated that schemes planned for delivery from 2016 onwards will require external contributions.
Yorkshire Water	2015-2020 Business Plan	Completion of necessary investment is scheduled up to March 2020.	Growth of an adopted Core Strategy can be accounted for and capacity be made available. Developer Contributions may be necessary
Waste Managem	ent		
North Yorkshire Waste Partnership	Lets Talk Less Rubbish'	The Partnership has secured land to accommodate a Waste Transfer Station close to Selby Town, which will need to be in operation from 2015. Finance available already.	Not anticipated that there any strategic issues relating to the supply of this infrastructure.
Education			
North Yorkshire County Council is the Local Education Authority Early Years Services	Government review of the Department for Education's capital investment in schools	Capacity issues at some primary schools. Barlby High School capacity limited.	Developer contributions will be necessary to ensure adequate capacity is provided.
		It is likely that the amount of developer contributions 'likely to be available' or 'which can reasonably be sought' will not be sufficient to deliver the necessary expansion in local schools capacity and as such NYCC would need to supplement this by prioritising capital for additional school places (either at existing sites where appropriate or new sites).	Delivery will be achieved, but there may be time constraints on delivery that place restrictions on development coming forward. No strategic deficiency has been highlighted in relation to primary and secondary education that cannot be accommodated through the planning process.
North Yorkshire County Council	Strategic Commissioning Plan for Adult and		No strategic deficiency has been highlighted that cannot be accommodated through

Operator/Provider	Documentation	Key Issues	Constraint on development	
	Community Services		the planning process.	
Health				
North Yorkshire and York Primary Care Trust (NYYPCT)	NYYPCT Strategic Plan	New hospital now delivered. Posterngate Surgery, Beech tree Surgery and Scott Road Medical Centre have capacity issues.	No strategic deficiency has been highlighted that cannot be accommodated through the planning process	
Emergency Services				
North Yorkshire Constabulary	"Planning out crime"	Any requirements for increased policing capacity will be met as required	No constraint on development.	
North Yorkshire Fire and Rescue Service				
North Yorkshire Ambulance Service	Business Plan 2007- 2010			
Leisure/Recreati	ion/Open Space			
Wigan Leisure & Cultural Trust. Selby College Community Engagement Forum (CEF) areas in the District. NYCC Libraries. Leeds City Region (LCR). Natural England	PPG17 compliant study. LCR green infrastructure strategy. North Yorkshire Countryside Strategy	Study to identify needs for leisure & recreation. Library closure threat.	May require developer contributions (land or financial)	

3. Phasing

- 3.1 It is not proposed to phase the release of housing land arbitrarily. In such a fragile economic situation and a time of housing need, it is not considered appropriate to place artificial limits on sites that could otherwise legitimately come forward. (Olympia Park Strategic Site is dealt with in the Core Strategy, not SADPD).
- 3.2 An element of phasing will be achieved through the market adjusting itself, and also where infrastructure projects are required there will be natural delays in delivery.

4. Estimated costs of infrastructure improvements

4.1 The table below lists only the range of infrastructure projects that have estimated cost attributed to them. A range of other infrastructure projects are likely to be necessary in implementing the scale and distribution of development planned through the Core Strategy. Those known at this stage are listed throughout the document, and more will

emerge throughout the Site Allocations DPD.

Infrastructure Type	Project	Cost (approx)
Bus	Route through a developing site in Selby	£2,500 per week
Rail	150 space car park at South Milford Station	£500,000
Rail	Passenger lifts at Selby Station	£1.5 million
Flood Risk Management	Improvements to defences in Tadcaster	£5 million
Flood Risk Management	Pumping station improvements at Selby Dam	£3 million
Flood Risk Management	Improvements to defences at Cawood	£10 million
Flood Risk Management	Rebuilding defences at Ulleskelf	£10 million
Health	Extension to Scott Road Medical Centre, Selby	£500,000
Health	Extension to Beech Tree Surgery, Selby	£750,000

This table will be updated through the consultation process.

5. Settlement summaries

Details of the existing and necessary infrastructure for the three towns and Designated Service Villages, (excluding the Olympia Park Strategic Development Site) are presented below. The following summaries provide a checklist of the most important infrastructure delivery issues that are currently known of and that need to be addressed in planning to accommodate new development proposed through the SADPD. This document focuses on infrastructure requirements of strategic significance to the delivery of development proposed through the SADPD. Identifying infrastructure requirements help give certainty to future plans, but it is unavoidable that gaps in data will exist until development levels and precise locations emerge.

Selby Town - is the largest, most self-contained settlement, and therefore the best placed to accommodate the highest level of growth. Selby town is well linked by road, rail and bus services, is protected by new flood defences and is served by an appropriate level of healthcare, education facilities and services. The additional infrastructure provision necessary to support development in the town, that is currently known includes: additions to schools and healthcare facilities, highways improvements and mitigation works, Extra Care housing, start up funds to support any new bus routes, and the provision of lifts at the Rail Station.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Category Transport	Network Rail Bus and Rail operators NYCC Highways Agency	- Train station – with a range of service to settlements and employment opportunities in the District and beyond - Bus services – Well serviced, providing regular services throughout the District and links to the wider region	- Rail authority keen to gain funds to enable the provision of a lift to assist accessibility at Selby Station – estimated costs = £1.5 million. - To kick start a bus route through a developing housing site will cost in the region of £2,500 per week. - parking at Station needs addressing - parking provision (incl coach parking) - bottlenecks at Millgate and New Street need addressing -cycle links to neighbouring settlements needed/improving	Developer contributions Government
Energy	National Grid CE Electric UK Northern Gas Networks	- Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	Developer contributions
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water. Capacity to accommodate growth indicated in the Core Strategy Benefits from Flood Defences	Sustainable drainage techniques to be employed	Developer contributions Yorkshire Water

		completed in 2008.		
Education	NYCC Education Providers	- 5x Primary school- Selby high school- Selby college	Additional school capacity will be required in various forms.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Hospital - 3x Doctors' surgery - 5x Dental surgery	Additional GP Surgery capacity required. 3x existing surgeries all need extension, or new provision Extra Care Housing	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service	Police stationAmbulance stationFire Station	No information supplied	Government
Leisure	Parish & Town Councils Selby District Council Private organisations	 Various Recreation Open Spaces (sport and play) Abbey leisure centre, with pool and gym 	Some woodland to be retained and enhanced. Need for local open space (kickabout) in each development. Improved access to the waterways	Developer contributions SDC NYCC PC & TC Businesses
Community Facilities	Selby District Council Various groups and organisations within the community	7x ChurchTown hallCommunity centre	Growth of visitor attractions and facilities Small scale retail – not national multiples.	Developer contributions Various funding sources

Sherburn-in-Elmet - is one of the next tier of settlements that provides good access to employment, services and homes and is well situated to access additional employment in York and the rest of Yorkshire with good rail, bus and road links. It is anticipated that development would need to be in step with growth in infrastructure across the board, with stakeholders highlighting the need to accommodate primary school growth and to manage the need to add traffic onto the Strategic Road Network.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Network Rail Bus and Rail operators NYCC Highways Agency	- Rail station (South Milford Parish) – with direct service to York and Sheffield and links to Selby and Leeds - Bus services – with regular daytime services to Selby, Leeds, Tadcaster and Pontefract - A1	Development to make best use of existing sustainable transport infrastructure. Also demand management measures to be incorporated in development proposals. Improved bus and rail links needed to major centres incl Selby. Employment area needs better road links with A1 South Milford station car park needed	Developer contributions Government
Energy	National Grid CE Electric UK Northern Gas Networks	- Energy supply	 No capacity issues have been identified Investment is driven by demand and improvement plans Not known 	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Water Supply Sewerage network for foul and surface water. Capacity in waste water treatment to accommodate approx 50 dwellings per year.	- methods to dispose of surface water, as no capacity in existing drainage - foul flows can be accommodated	Developer contributions Yorkshire Water
Education	NYCC Education Providers	- 2x Primary school - Secondary school	- There is capacity to accommodate 40 additional dwellings within Primary Schools	

			and 1800 within the catchment of the Secondary School. Development beyond this will require extensions.	
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery - 3x Dentist surgery	- Extra Care Housing	Developer contributions RSL
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service	- Police station (restricted hours)		
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (play and sports) - flying club	Additional sports facilities – no access to School pool at present.	
Community Facilities	Selby District Council Various groups and organisations within the community	- Community hall - 3x Church Hall	Household waste recycling facility Retention of market and village character Fire station wanted	

Tadcaster – has a traditional centre, longstanding businesses and a range of services. Tadcaster is popular as a home for those who commute to nearby cities and towns, but has suffered from limited growth in the past. For the town to accommodate the growth indicated in the Core Strategy and keep pace with the rest of the District – water, drainage and flood alleviation need

to be supplemented, together with the need for additions to education facilities and Extra Care housing. **Funding Sources** Infrastructure Lead Organisation Existing Improvements Required Category Transport Bus operators - Bus services - with regular travel to Developer contributions NYCĊ York and West Yorkshire Highways Agency - Demand management - A64 measures to be incorporated in development proposals. Energy - Energy provision - No capacity issues have been National Grid CE Electric UK identified

	Northern Gas Networks		Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water - Flood defence to 1:30 standard	- Improvements to Tadcaster WWTW required & development needs to be in phase with investment in infrastructure, including foul and surface water drainageCapacity for known commitments - A new Flood Alleviation Scheme will cost in the region of £5 million	Developer contributions Yorkshire Water
Education	NYCC Education Providers	- 3x Primary school - Grammar school - Manor Farm Youth Centre	Primary Schools at capacity, extensions required of various forms. Grammar School can accommodate up to 200 additional households	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Medical centre - Health Centre - 2x Dental surgery	- Extra Care Housing	NHS Developer contributions
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service	- Police station (restricted hours) - Fire station	No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	Various Recreation Open Spaces (play and sports) Leisure centre, including pool and gym Tennis Courts, Polo Ground, Football Club, Bowling Club, Cricket School, sports & social club activities. emphasis on riverside setting as a focal point	Not known	
Community	Selby District Council	- 4x Churches	- Visitor accommodation	

Facilities	Various groups and organisations within the	- 3x Community Centres - Riley Smith Hall	- retail facilities - office accommodation	
	community	- Library		

Appleton Roebuck – Is the larger settlement in a network of villages in this rural part of the District and is striving to improve services which will support a level of growth. Water and drainage improvements will need planning in, together with possible

extensions to the primary school.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	Bus service – every 2 hrs to York until early evening		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Fleet Pumping Station - Water Supply - Sewerage network for foul and surface water.	Pumping station at capacity, in need of refurbishment to prevent failure and flooding. Tadcaster WWTW at capacity, Improvements required. No capacity to accommodate foul and surface water from Greenfield development.	Developer contributions Yorkshire Water
Education	NYCC Education Providers	- Primary school - Pre-school group	- Limited capacity at Primary School (approx 20 dwellings), extensions may be required for further growth.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices		No information supplied	
Emergency	North Yorkshire		No information supplied	

Services	Constabulary North Yorkshire Fire & Rescue Service			
Leisure	Parish & Town Councils Selby District Council Private organisations	- Tennis courts	Not known	
Community Facilities	Selby District Council Various groups and organisations within the community	- 2x Churches - Village Hall	Not known	

Barlby/Osgodby – Have a good level of combined services and infrastructure, but is also in close proximity to what is on offer in Selby town. It is anticipated that water and drainage issues will need to be addressed, together with the need for additional education capacity in order to keep pace with development. This excludes the requirements of Olympia Park Strategic Site, which is dealt with separately in the ore Strategy. A19/A63 junction improvements have now been committed by

NUYCC Highways

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus – Selby to York approx every 20mins daily, Evenings hourly, Sunday half hourly		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	 Protected from flooding to an appropriate standard. Water Supply Sewerage network for foul and surface water. 	 Waste water treatment capacity needs improvement in Barlby Capacity at WWTW does not extend beyond 550 additional dwellings. Sustainable drainage 	Developer contributions Yorkshire Water

			techniques to be employed	
Education	NYCC Education Providers	- 2x Primary school - Secondary school - Day nursery - Library	- Primary Schools capable of 100 dwellings -Possible need for replacement school at Barlby BridgeNYCC working with Olympia Park developer re a new facility/capacity Secondary School will require extensions to cope with more than 600 additional dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices		No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	Some woodland to be retained and enhanced.	
Community Facilities	Selby District Council Various groups and organisations within the community	- Village hall - Village institute - 2x Church	Not known	

Brayton – The village lies adjacent to Selby Town, with good local services. There is a need for improved education facilities at primary and secondary levels to cater for the growth in housing.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus Service – hourly frequency to Selby, Pontefract and Wakefield (not Sundays)		

Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Water Supply Sewerage network for foul and surface water. WWTW capacity at Selby to accommodate growth indicated in Core Strategy.	- Sustainable drainage techniques to be employed	Developer contributions Yorkshire Water
Education	NYCC Education Providers	- 3x Junior/Infants schools - Brayton College - Day nursery and play group	Primary Schools approaching capacity (100 dwellings capacity) extensions of various forms required. Secondary school will require extensions if development in its catchment exceeds 2000 new dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	Not known	
Community Facilities	Selby District Council Various groups and organisations within the community	- 2x Churches	Not known	

Brotherton/Byram – These villages have good local services and access to larger centres outside of the District. The infrastructure that needs to be improved to accommodate growth includes water and drainage and primary education.

Parish Council – no further facilities are required for the community.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	Bus Service – frequency of several times per day (none commuter) to Pontefract and Sherburn.		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Area protected by flood banks and flood storage reservoir. Water Supply Sewerage network for foul and surface water.	- EA assessing the areas through the Lower Aire Strategy Sutton WWTW currently being upgraded, to meet existing applications/allocations but insufficient to serve future allocations - investment required.	Yorkshire Water Env Agency Developer contributions
Education	NYCC Education Providers	- Brotherton & Byram County Primary School - Childrens Centre	- Primary School at limit of capacity (scope for 4 additional dwellings) – extensions of some form will be required.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices		No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire &		No information supplied	

	Rescue Service			
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (play and sports) and community motocross facility	Biodiversity improvements at former Magnesian Limestone quarries. Woodland plan required to improve woodland and access to it. Some woodland to be retained and enhanced.	
Community Facilities	Selby District Council Various groups and organisations within the community	- Community House/village hall - Social club - 2x Churches	Not known	

Carlton – village has a good level of local services, and in order to accommodate a level of growth primary education will need to be supplemented, and water and drainage capacity will need to be enhanced in phase with development.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus service – hourly frequency to Selby and Goole – six days a week until early evening		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Served by Snaith WWTW - Area protected by flood banks	Waste water treatment capacity at Snaith needs improvement for new development to be accommodated. Sustainable drainage techniques to be employed No capacity to accommodate	Developer contributions Yorkshire Water Env Agency

Education	NYCC	- Primary school	foul and surface water from Greenfield development EA currently assessing area through the Lower Aire Strategy Primary School at limit of	NYCC
	Education Providers	- Catholic secondary school	capacity – extensions will be required to accommodate any additional dwellings.	Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Recreation Open Spaces including Cricket Ground (private) and equipped play area.	River Aire management and access – improvements. Some woodland to be retained and enhanced.	
Community Facilities	Selby District Council Various groups and organisations within the community	- 3x Churches - Village hall	Not known	

Cawood – Has good local services and is connected by bus to Selby and York. Depending on the level of future development in Cawood an extension may be required at the primary school and replacement flood defences could be necessary.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Busl operators NYCC Highways Agency	- Bus service – regularly throughout the day and evening to York and Selby		

Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	 Water Supply Sewerage network for foul and surface water. Kelfield WWTW has the capacity to accommodate up 400 additional dwellings. Area protected by flood defences (risk to protection – evidence of movement) 	- Replacement flood defences approx cost = £10 million - No capacity to accommodate foul and surface water from Greenfield development.	Environment Agency Developer contributions
Education	NYCC Education Providers	- Primary school	- No spare capacity – extensions will be required to accommodate additional dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	Branch Surgery closed March 2011 – service now provided from Posterngate Surgery, Selby.	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sports and play) including Football, Cricket and Tennis	Habitat connectiveity – living landscapes	
Community Facilities	Selby District Council Various groups and organisations within the community	- Village hall	Not known	

Church Fenton – Is well connected by public transport to a range of larger settlements, and provides a good range of services itself. In order to accommodate a level of growth it is anticipated that water and drainage capacity will need improvement together with an extension to the primary school.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Network Rail Bus and Rail operators NYCC Highways Agency	Rail station, with direct regular service to York and Leeds and frequent service to Selby (with a change) Bus service – intermittent (not commuter) throughout the day to Pontefract and Tadcaster		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water Waste water capacity to deal with a level of new development - Protected by flood defences. (which also prevent water from the wharf flooding into Selby Dam catchment)	Surface water drainage capacity required Sustainable drainage techniques to be employed Development of individual sites may require infrastructure to be upgraded	Developer contributions Yorkshire Water Env Agency
Education	NYCC Education Providers	- Primary school - Playgroup - After school club	- Primary School at capacity, extensions required to accommodate any additional dwellings.	NYCC Developer Contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	-Various Recreation Open Spaces (sport and play), together with a bowling green	Not known	
Community	Selby District Council	- 2x Churches	Not known	

Facilities	Various groups and	- Village Hall	
	organisations within the		
	community		

Eggborough & Whitley — Good range of services serve the combined villages, which make up the largest settlements in the south of the District. Good transport links. New developments would need to be in phase with water and drainage improvements, with demand management for highway use and a likely extension of the primary school.

Infrastructure	Lead Organisation	Existing	Improvements Required	Funding Sources
Category Transport	Network Rail Bus and Rail operators NYCC Highways Agency	- Train station – commuter service to Leeds through Castleford, Pontefract etc Bus service – Both villages connected with hourly frequency to Selby and Doncaster, and Eggborough connected on an almost hourly basis to Wakefield - M62	- Development to make best use of existing sustainable transport	
			infrastructure. Also demand management measures to be incorporated in development proposals.	
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water.	New development would need to be in phase with planned investment to Eggborough WWTW. Sustainable drainage techniques to be employed	Developer contributions Yorkshire Water

			Capacity for WWTW for existing commitmernts - No capacity to accommodate foul and surface water from Greenfield development. - EA currently assessing area through the Lower Aire Strategy.	
Education	NYCC Education Providers	- Primary School - Day nursery	- Primary School close to capacity, extensions required to accommodate more than 100 additional dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service	Eggborough Police Station (restricted hours)	No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	GI connectivity and river access/biodiversity improvements. Some woodland to be retained and enhanced.	
Community Facilities	Selby District Council Various groups and organisations within the community	- 1x Church - Village Hall - Sports and social club	Landscaping/planting screening to industry. Youth facilities Village hall in Whitley	

Fairburn – in close proximity and best connected to the larger settlements in adjoining Districts. Depending on the level of development to be accommodated additional capacity in the primary school and water and drainage improvements may be required.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators	- Bus service – connecting with		

	NYCC Highways Agency	Tadcaster, Sherburn and Pontefract regularly during the day (including a commuter service) and Selby for Monday Market days.		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water.	- Sutton WWTW currently being upgraded, but not to serve future allocations, investment required Sustainable drainage techniques to be employed - Development of individual sites may require infrastructure to be upgraded - EA currently assessing area through the Lower Aire Strategy Risk when the Ings used as flood storage reservoir for Castleford.	Developer contributions Yorkshire Water
Education	NYCC Education Providers	- Primary School	- Limited capacity, extension required to accommodate more than 60 additional dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices		No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	Various Recreation Open Spaces (sport and play) plus skate and BMX park Fairburn Ings RSPB site	Improved access to the Ings – visitor parking and facilities	

Community	Selby District Council	- Church & hall	Not known	
Facilities	Various groups and	- Community centre		
	organisations within the	•		
	community			

Hambleton - Is well connected to services and employment opportunities. In order to accommodate development, capacity will be required at the primary school, and improvements may be necessary to water and drainage infrastructure.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus service to Selby and Leeds, hourly during the day – no Sunday service		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water.	- Waste water is at capacity and new development may need to be in phase with investment to Hambleton WWTW Development of individual sites may require infrastructure to be upgraded - existing commitments already accommodated Expansion of works can be undertaken 2015-20 if found to be required.	Developer contributions Yorkshire Water
Education	NYCC Education Providers	- Primary School - Children's play group	No capacity at Primary School, extensions required to accommodate any additional dwellings.	NYCC Developer contributions

Health	York & North Yorkshire Primary Care Trust NHS GP Practices		No information supplied	
Emergency	North Yorkshire		No information supplied	
Services	Constabulary			
	North Yorkshire Fire &			
	Rescue Service			
Leisure	Parish & Town Councils Selby District Council	- Various Recreation Open Spaces (sport and play)	Youth club	
	Private organisations			
Community	Selby District Council	- Village Hall	School drop-off area	
Facilities	Various groups and	- Church	Additional play areas	
	organisations within the		Employment to reduce out-	
	community		commuting	

Hemingbrough - Provides a good range of local services and infrastructure. Depending on the scale of development to be accommodated improvements to capacity for water and drainage, education and health may be required.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus service to Selby and Goole 4 times per day (none commuter times and no Sunday service)	Access to A63. Barlby junctyion improvements.	
		, ,	Bus services improvements in times, not necessarily frequency	
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Water SupplySewerage network for foul and surface water.WWTW undergoing expansion to meet	- New development may need to be in phase with investment to Hemingbrough WWTW.	Developer contributions Yorkshire Water Env Agency

		EU standards.		
Education	NYCC Education Providers	- Primary school - Day nursery	- Current capacity to accommodate 160 new dwellings, development beyond this would call for extensions.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery held four times a week.	- Due to size of premises, can only accommodate a small increase in patient numbers.	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play) plus bowling green and fitness centre	Green infrastructure/ cycle/ footpath links to Selby and other settlements	
Community Facilities	Selby District Council Various groups and organisations within the community	- 2x Churches - Village hall	Local employment creation	

Kellington - A village with limited services, but very well related to larger neighbours. Depending on the scale of development, an extension to the Primary School may be required and development should be in phase with improvements to the WWTW.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	Bus service – hourly daytime to Selby, Pontefract and Wakefield		

Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water Very limited waste capacity Protected by River bank and back barrier bank (risk to properties if failure occurred)	New development will need to be in phase with investment in Eggborough WWTW. EA currently assessing area through the Lower Aire Strategy.	Developer contributions Yorkshire Water Env Agency
Education	NYCC Education Providers	- Primary School	- Limited capacity, development beyond 40 additional dwellings will require extensions.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Dental surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Equipped play area	Habitat enhancement/living landscape of the River Aire. Access and biodiversity improvements.	
Community Facilities	Selby District Council Various groups and organisations within the community	- Village Hall	Street lighting Open space/play Allotment gardens War memorial	

Monk Fryston & Hillam - Good range of combined local services. Depending on the level of development proposed, improvements may be required to water and drainage infrastructure and capacity added to the primary school.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus service – Monk Fryston - mostly hourly to (day and evening) to Selby, Sherburn and Leeds, and both villages – mostly hourly during the daytime to Pontefract, Sherburn and Tadcaster	Access to A63 fro Hillam	
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Water Supply Sewerage network for foul and surface water. WWTW has very limited capacity to accommodate new development.	No capacity to accommodate foul and surface water from Greenfield development. Hillam WWTW may require upgrading. EA currently assessing area through the Lower Aire Strategy.	Developer contributions Yorkshire Water Env Agency
Education	NYCC Education Providers	- Primary school	- Primary School close to capacity (capacity for 20 dwellings), extensions required.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council	- Various Recreation Open Spaces (sport and play)	Some woodland to be retained and enhanced.	

	Private organisations			
Community	Selby District Council	- Village Hall	Village Hall required	
Facilities	Various groups and		School drop off facility	
	organisations within the		Village green/open space	
	community		Local employment	
			Pedestrian crossing on A63 –	
			traffic calming	
			Broadband	
			Cemetery land	

North Duffield - Provides a good level of local services. The known capacity issues that will need to be addressed to accommodate development centres on primary school capacity and the need for water and drainage improvements.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus to York, day and evening every 2 hrs and 4 x per day on Sundays		
Energy	National Grid CE Electric UK Northern Gas Networks	- Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water Hambleton WWTW at capacity — expansion scheme to be considered if development necessitates.	New development will need to be in phase with investment in WWTW No capacity to accommodate foul and surface water from Greenfield development. Known sewer capacity and internal flooding issues in the village Expansion of works can be	Developer contributions Yorkshire Water Env Agency

			undertaken 2015-20 if found to be required.	
Education	NYCC Education Providers	- Primary School	 School at capacity, extensions will be required. 	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open spaces (sport and play) including a bowling green	Biodiversity/habitat creation. Access management to Bubwith footpath – protected site natura2000.	
Community Facilities	Selby District Council Various groups and organisations within the community	- Village Hall - Church	Investigation of NDUF006 archaeology	

Riccall - Provides a good level of local services and is well connected by highway and public transport to larger centres. Any proposed development will need to take into account capacity issues relating to primary education and water and drainage infrastructure.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus service to Selby and York approx every 20mins daily, Evenings hourly, Sunday half hourly	Access to A19	
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans	

			- Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Water Supply Sewerage network for foul and surface water. WWTW capacity at Barlby for approx 500 additional dwellings.	- Any large developments will need to be phased with investment - Known sewer capacity and flooding issues in the village - Capacity for 500 dwellings at WWTW (Barlby)	Developer contributions Yorkshire Water Env Agency
Education	NYCC Education Providers	- Primary School	- School at capacity, extensions required to accommodate any additional dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	Cycle routes and allotments are important GI – enhancement needed. Management of access and habitats on Skipwith common.	
Community Facilities	Selby District Council Various groups and organisations within the community	- 2x Church - Village hall - Community Centre	Some local employment opportuities.	

South Milford - Supplies good local services and in close proximity to Sherburn in Elmet. The rail station will require improvements should its use be impacted upon by significant development in the surrounding area. Other travel impact will need to be taken into account and depending on the scale of development; the local primary school may require an extension.

Infrastructure Category

Transport

Network Rail

- Rail station – direct and regular trains
- Rail authority keen to gain funds

	Bus and Rail operators NYCC Highways Agency	to York and Leeds with a change - Bus service – approx hourly 6 days a week to Selby & Leeds (Sunday 2 hourly) and 6 days a week – hourly – to Pontefract and Sherburn - A1	to build a car park at the station – estimated costs excluding land = £500,000. - Development to make best use of existing sustainable transport infrastructure. Also demand management measures to be incorporated in development proposals. - parking problematic in older housing areas (pre-car) - additional bus stops/improved facilities	
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	Water Supply Sewerage network for foul and surface water. WWTW capacity at Sherburn to accommodate reasonable growth of the village	No surface water capacity exists. - Foul flow can eb accommodated	Yorkshire Water Developer contributions
Education	NYCC Education Providers	- Primary School	- Current capacity for 100 additional dwellings. Development beyond this will require extensions.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire &		No information supplied	

	Rescue Service			
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	Improved footpath/cycle/GI links with Sherburn. Allotment gardens Childrens play and open spaces. Village hall /improvement	
Community Facilities	Selby District Council Various groups and organisations within the community	- 2x Church - Church hall - W.I. hall	Not known	

Thorpe Willoughby - Good local services and access to Selby and larger settlements. To accommodate any new development the WWTW in Hambleton will need investment. To accommodate significant development will require expansion.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Bus operators NYCC Highways Agency	- Bus service - Bus service to Selby and Leeds, hourly during the day – no Sunday service		
Energy	National Grid CE Electric UK Northern Gas Networks	Energy supply	No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water.	- capacity for existing commitments only - No capacity to accommodate significant development - development will need to be in phase with investment at Hambleton WWTW No capacity to accommodate foul and surface water	Yorkshire Water Developer contributions

Education	NYCC	- Primary school	- Capacity to accommodate up to	NYCC
	Education Providers	- Day nursery	220 additional dwellings, development beyond this will require extensions.	Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' surgery	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	Improvement of GI/habitat at bishops Wood and GI links across the village. Some woodland to be retained and enhanced.	
Community Facilities	Selby District Council Various groups and organisations within the community	- Church - Village hall	Not known	

Ulleskelf — The village has limited local services, but is well linked by public transport to larger settlements. In order to accommodate any new development primary school extension and capacity at Tadcaster WWTW will need to be addressed. Flood alleviation remains a risk.

Parish Council – School capacity issues – many bussed out to neighbouring areas. Flood issues. Consider RAF flight path requirements.

Infrastructure Category	Lead Organisation	Existing	Improvements Required	Funding Sources
Transport	Network Rail Bus and Rail operators NYCC	- Rail station – Direct service to York and Leeds serving commuters - Bus Services – to Pontefract,	Railway station facilities lacking – especially trains.	

	Highways Agency	Sherburn and Tadcaster approx 2 hourly during the day – 6 days per week		
Energy	National Grid CE Electric UK Northern Gas Networks		No capacity issues have been identified Investment is driven by demand and improvement plans Not known	
Water & Drainage	Yorkshire Water Environment Agency Internal Drainage Boards	- Water Supply - Sewerage network for foul and surface water Flood protected to a 1:30 standard	-capacity for existing commitments only - No capacity to accommodate new dwellings – development will need to be in phase with investment in Tadcaster WWTW No capacity to accommodate foul and surface water - New Flood Alleviation Scheme would cost approx £10 million.	Yorkshire Water Env Agency Developer contributions
Education	NYCC Education Providers	- Kirk Fenton Primary school in Church Fenton	- Primary School at capacity, extensions required to accommodate any additional dwellings.	NYCC Developer contributions
Health	York & North Yorkshire Primary Care Trust NHS GP Practices	- Doctors' Surgery (from Sherburn Group Practice) two mornings per week.	No information supplied	
Emergency Services	North Yorkshire Constabulary North Yorkshire Fire & Rescue Service		No information supplied	
Leisure	Parish & Town Councils Selby District Council Private organisations	- Various Recreation Open Spaces (sport and play)	Not known	
Community Facilities	Selby District Council Various groups and organisations within the community	Village HallChurchPost OfficeGarage	Broadband capacity needs increasing	

6. Conclusion

- This Infrastructure Delivery Plan identifies the scale of infrastructure investment required as a result of the SADPD proposals, bringing together the investment plans of many key organisations.
- The IDP is intended to be a working document that will be kept up to date. More specific details regarding infrastructure associated with proposals for development in individual settlements will be provided through consultation with providers/operators.
- Although the Core Strategy IDP identified no "show stoppers" at a District level, a more detailed analysis of specific sites through the SADPD Preferred Options may reveal limitations that result in changes to those allocations.