

Submission by Public Health Responsible Authority

Doncaster hospital admissions relating to alcohol use

For the purposes of this report, data is taken from the Local Profiles for England (LAPE) and local alcohol specific admissions data to DRI supplied by Doncaster Integrated Care Board. Alcohol-related hospital admissions are used as a way of understanding the impact of alcohol on the health of a population. There are two measures used in Local Alcohol Profiles for England (LAPE) and elsewhere to assess this burden, the Broad and the Narrow measure. Again, for the purposes for this report the narrow measure will be used.

Narrow definition: A measure of hospital admissions where the primary diagnosis (main reason for admission) is an alcohol-related condition. This represents a Narrower measure. Since every hospital admission must have a primary diagnosis, it is less sensitive to coding practices but may also understate the part alcohol plays in the admission.

In general, the Broad measure gives an indication of the full impact of alcohol on hospital admissions and the burden placed on the NHS. The Narrow measure estimates the number of hospital admissions which are primarily due to alcohol consumption and provides the best indication of trends in alcohol-related hospital admissions.

Figure 1 shows Doncaster has a significantly worse hospital admission rate for alcohol-related conditions compared to England (552 per 100,000 compared to 456 per 100,000, respectively). Compared to the Yorkshire and Humber region Doncaster lies second worse (Figure 2).

Figure 1: Admission episodes for alcohol-related conditions (Narrow) Directly standardised rate - per 100,000, 2020/21

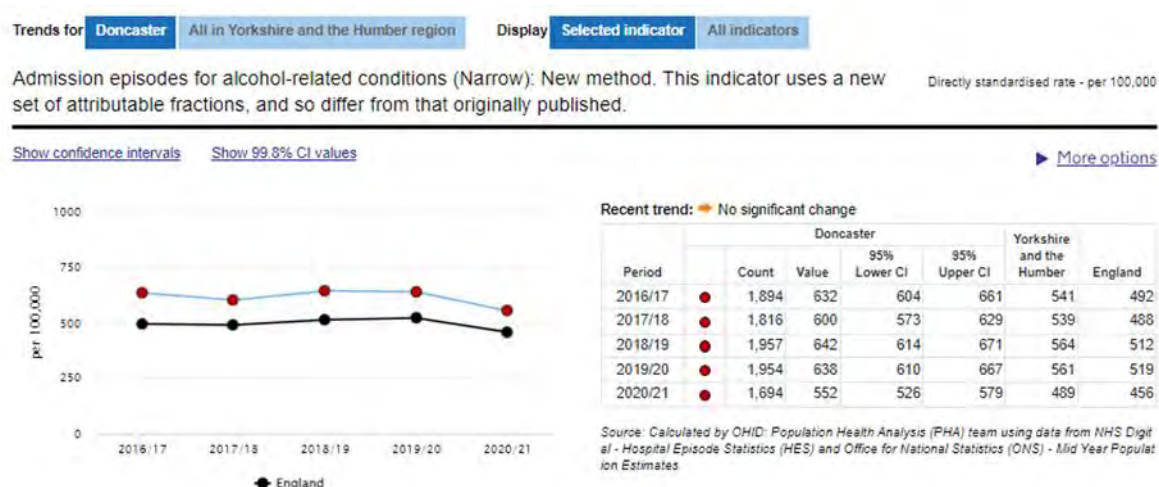
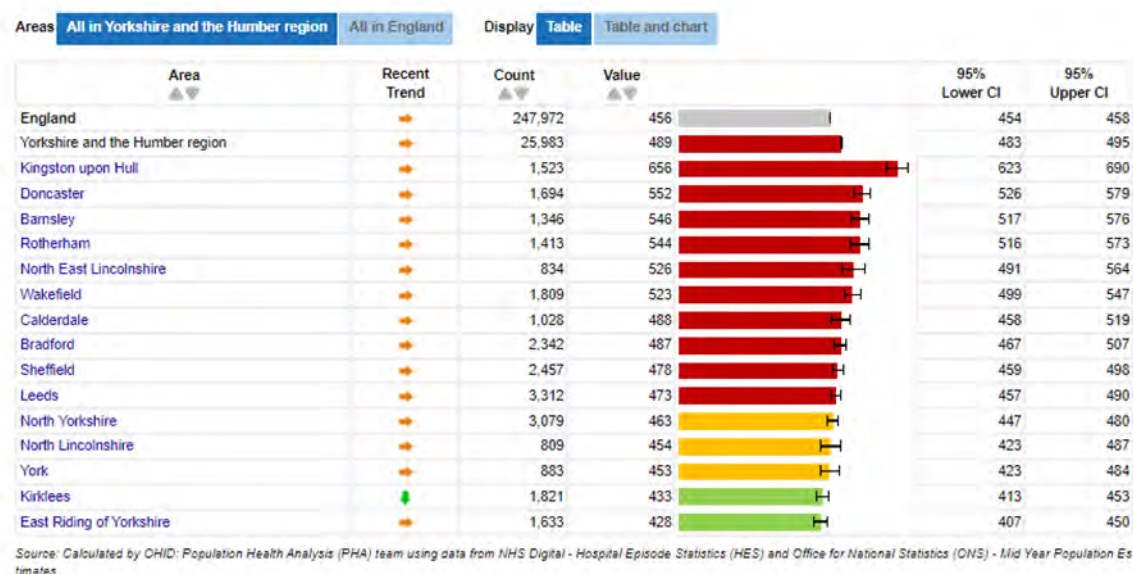


Figure 2: Admission episodes for alcohol-related conditions (Narrow), Yorkshire and Humber
Directly standardised rate - per 100,000, 2020/21



As mentioned previously alcohol specific hospital admission data to DRI supplied by Doncaster Integrated Care Board has supplemented this report. ICD-10 codes (International Classification of Diseases), the international standard diagnostic classification for all general epidemiological, health management purposes and clinical use used to identify the alcohol admissions diagnoses.

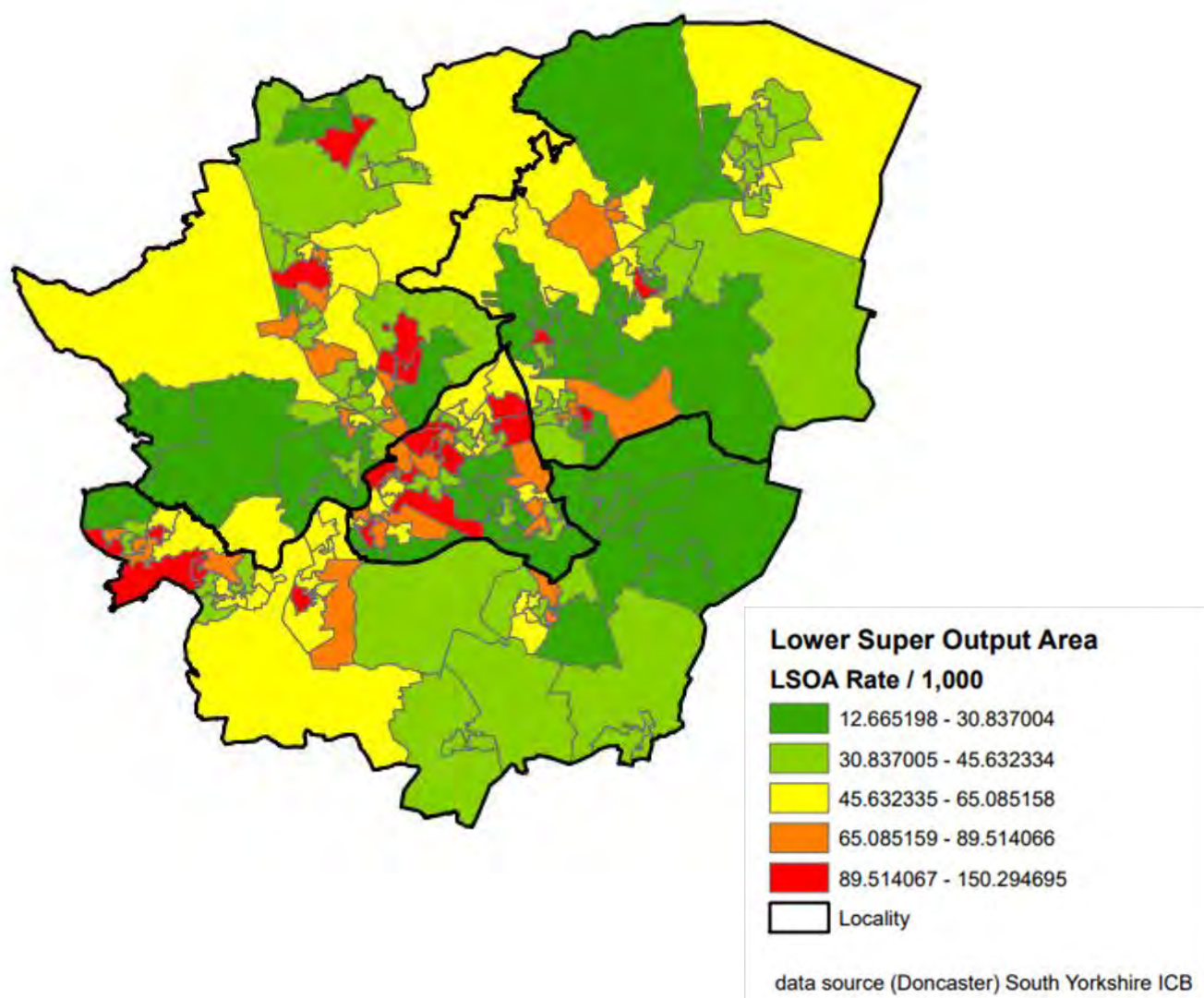
Figure 3: ICD-10 codes Wholly Attributable Alcohol Diagnosis

Accidental poisoning by and exposure to alcohol
Alcohol induced acute pancreatitis
Alcoholic cardiomyopathy
Alcoholic gastritis
Alcoholic liver disease
Alcoholic polyneuropathy
Alcohol-induced chronic pancreatitis
Degeneration of nervous system due to alcohol
Ethanol poisoning
Evidence of alcohol involvement determined by blood alcohol level
Evidence of alcohol involvement determined by level of intoxication
Foetal alcohol syndrome
Intentional self-poisoning by and exposure to alcohol
Mental disorders due to alcohol
Poisoning by and exposure to alcohol

The data received from the Doncaster Integrated Care Board shows since April 2013 to June 2022 there has been 16,998 alcohol specific admissions to DRI, 38.7% are from the most deprived areas of Doncaster. In the nine years of full data, admissions for males has fallen by 3% however females have risen by 23% over the same time period.

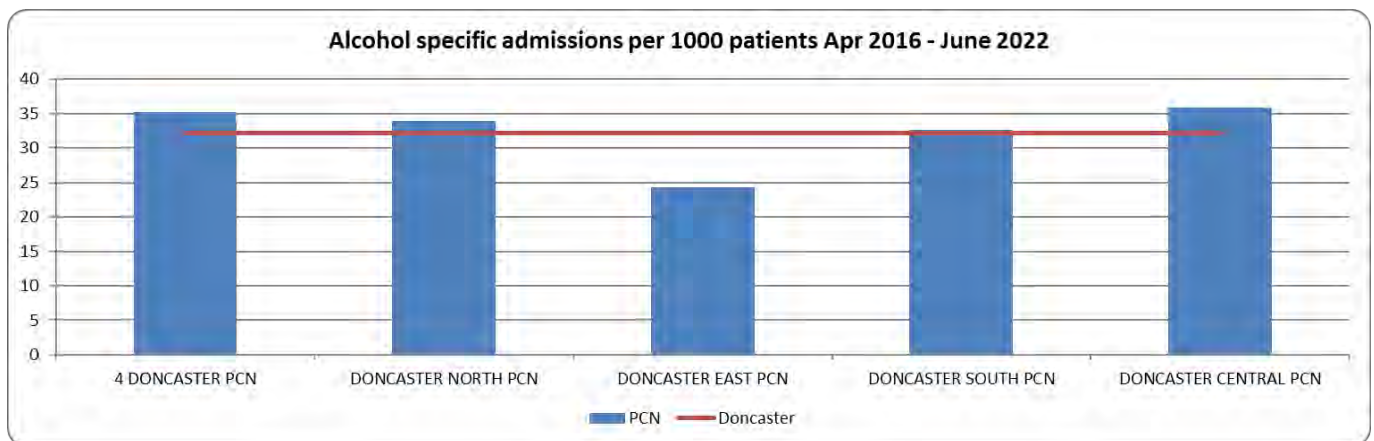
The data also shows the LSOA in which the patients reside. In the map below, the areas shown in red are the LSOA's with the highest alcohol specific admissions between April 2013 and May 2022. The ten LSOA's with the highest number of are alcohol admissions are; Balby Bridge, Lower Wheatley/Highfield Road, Denaby Main, Balby Carr Bank, Intake Heather Wood, Lower Wheatley North Bridge, Kirk Sandall Graham Road, Mexborough Wind Hill, Edlington South and Carcroft South Enterprise Park.

Alcohol Specific Admissions April 2013 to May 2022 per 1,000 of population by Lower Super Output Area

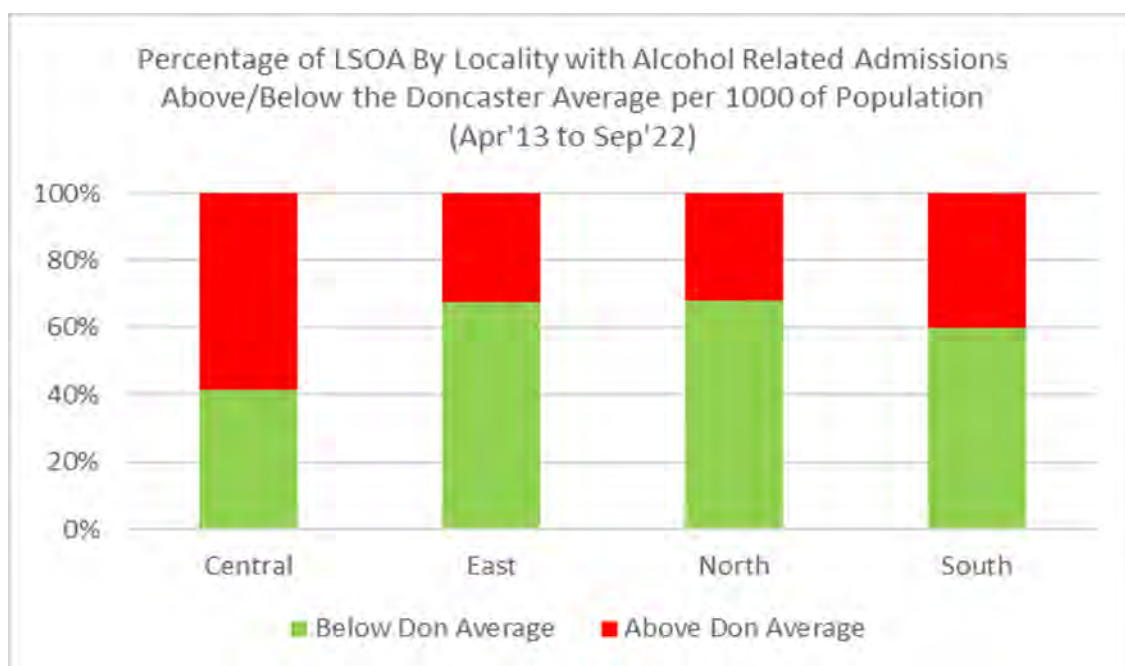


Doncaster central Primary Care Network has the highest rate of alcohol specific DRI admissions at 35.86 per 1,000 patients, which is above the Doncaster average of 32.12. This is also shown in the map above.

Figure 4: Alcohol specific DRI admissions by Primary Care Network (PCN)



There are 46 LSOA's in the central locality. Using the data supplied by Doncaster Integrated Care Board on alcohol specific admissions we know which LSOA these patients live. Out of the 46 LSOA's in the central locality, 27 are above the Doncaster average of 55.22 admissions per 1000 population, more than any other locality (Figure 5)



The 10 LSOA's with the most alcohol specific hospital admissions within the central locality between April 2017 and October 2022 are listed below.

Locality	LSOA name	Rate/1000	Don AveRATE
Central	Balby Bridge	153.73	55.22
Central	Lower Wheatley Highfield Road	133.04	
Central	Balby Carr Bank	128.07	
Central	Intake Heather Wood	121.33	
Central	Wheatley Hills Hag Wood	113.17	
Central	Lower Wheatley Wentworth Road	111.71	
Central	Lower Wheatley North Bridge	110.52	
Central	Town Fields	105.62	
Central	Balby Springwell Lane West	101.60	
Central	Hexthorpe	99.78	

Public Health Recommendation

Data received from Doncaster Integrated Care Board for alcohol specific admissions to DRI shows the residential areas where these patients live.

40% of all the admissions to DRI for alcohol come from the most deprived areas of Doncaster. The Lower Wheatley areas show high numbers of alcohol related hospital admissions and related ASB.

As a result of this data public health would recommend the cumulative impact area to be extended to cover all the LSOA's listed below.

Locality	LSOA name	Rate/1000	Don AveRATE
Central	Balby Bridge	153.73	55.22
Central	Lower Wheatley Highfield Road	133.04	
Central	Balby Carr Bank	128.07	
Central	Intake Heather Wood	121.33	
Central	Wheatley Hills Hag Wood	113.17	
	Lower Wheatley Wentworth		
Central	Road	111.71	
Central	Lower Wheatley North Bridge	110.52	
Central	Town Fields	105.62	
Central	Balby Springwell Lane West	101.60	
Central	Hexthorpe	99.78	

A map showing the boundary of each LSOA area and a list of streets within that area is attached.

List of streets which are entirely or partially contained within the specified LSOA area

Balby Bridge

- Abbott Street
- Bond Close
- Cherry Tree Road
- Cleveland Street
- Ellerker Avenue
- Elsworth Close
- Grove Place
- Milton Walk
- Oxford Place
- Roberts Road
- Spansyke Street
- St James Bridge
- St James Street
- St Sepulchre Gate West
- Trafford Way

Lower Wheatley Highfield Road

- Baxter Avenue
- Broxholme Lane
- Glyn Avenue
- Kings Road
- Queen's Road
- Royal Avenue
- St Mary's Road
- St Vincent Avenue
- St Vincent Road

Balby Carr Bank

- Balby Carr Bank
- Balby Road
- Belmont Avenue
- Bude Road
- Burton Avenue
- Burton Terrace
- Carr Hill
- Carr View Avenue
- Carriage Drive
- Clarence Avenue
- Coronation Road
- Cross Bank

- Decoy Bank South
- Great Central Avenue
- Heavens Walk
- Lister Avenue
- Mona Road
- Queen Street
- Rose Avenue
- Scarth Avenue
- Sidings Court
- St Catherine's Avenue
- Ten Pound Walk
- White Rose Way

Intake Heather Wood

- Armthorpe Road
- Atholl Crescent
- Cardigan Road
- Cheltenham Road
- Dorset Crescent
- Henley Road
- Huntingdon Road
- Lansdowne Road
- Leger Way
- Lonsdale Avenue
- Lothian Road
- Marlow Road
- Montgomery Gardens
- Northampton Road
- Radnor Way
- Selkirk Road
- Shaftesbury Avenue
- Westminster Crescent

Wheatley Hills Hag Wood

- Armthorpe Road
- Barnby Dun Road
- Boundary Avenue
- Chestnut Avenue
- Craigholme Crescent
- Edgehill Road
- Ennerdale Road
- Fernhurst Road
- Greenleaf Avenue
- Grove Hill Road

- Grove Vale
- Guidford Road
- Hill Top Crescent
- Hillside Road
- Leger Way
- Linkswood Avenue
- Masefield Road
- Sandall Park Drive
- Shaw Lane
- Shaw Wood Way
- Silver Jubilee Close
- Thorne Road

Lower Wheatley Wentworth Road

- Church Way
- Churchill Road
- Cranbrook Road
- Ferrers Road
- Lifford Road
- Milethorn Lane
- Morley Road
- Norborough Road
- Raby Road
- Rockingham Road
- Trafford Road
- Wentworth Road
- Wharf Road
- Wheatley Hall Road
- Woodhouse Road

Lower Wheatley North Bridge

- Allerton Street
- Brooke Street
- Broxholme Lane
- Carlton Road
- Chappell Drive
- Charles Street
- Christ Church Road
- Church Street
- Church View
- Church Way
- Copley Road
- Dockin Hill Road
- Don Street

- Friars Gate
- Grey Friars' Road
- Hannington Street
- Jubilee Road
- Lockwood Road
- Lowther Road
- Market Place
- Market Road
- Milbanke Street
- Montague Street
- Nether Hall Road
- North Bridge Road
- Parkinson Street
- Penistone
- Scot Lane
- Silver Street
- St Georges Gate
- St Mary's Bridge
- Stanhope Road
- Wharf Road
- Whittington Street

Town Fields

- Alderson Drive
- Bennetthorpe
- Danum Road
- Firbeck Road
- Franklin Crescent
- Granby Crescent
- Lawn Avenue
- Lawn Road
- Manor Drive
- Roman Road
- Rutland Street
- Town Field Villas
- Town Moor Avenue
- Welbeck Road

Balby Springwell Lane West

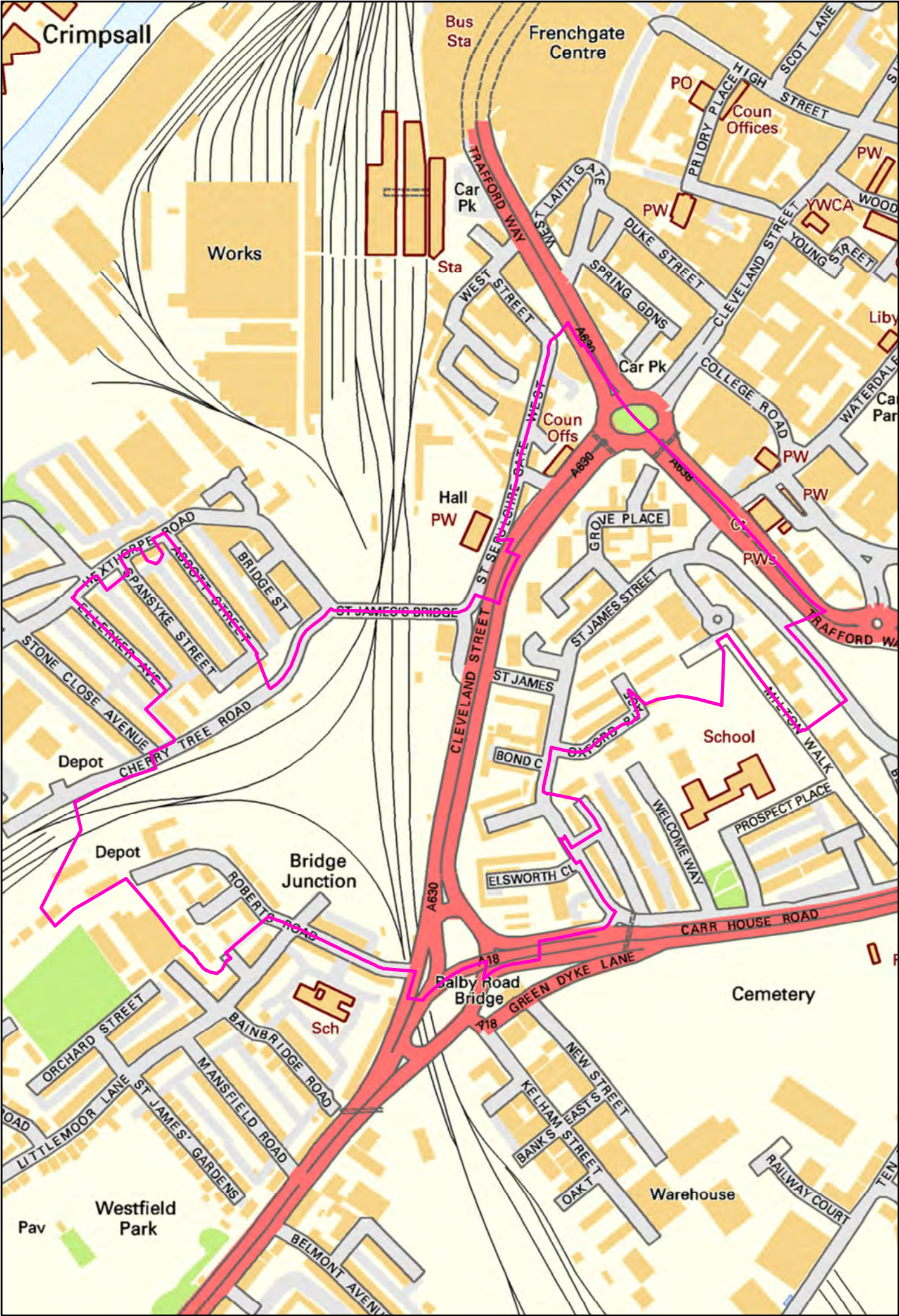
- Aldam Road
- Austen Avenue
- Blackwood Avenue
- Bronte Avenue
- Broomhouse Lane

- Cedar Road
- Galsworthy Close
- Grenville Road
- Holly Terrace
- Kipling Avenue
- Mallard Close
- Priestley Close
- Riley Avenue
- Springwell Lane
- Walpole Close
- Warde Avenue
- Westbourne Gardens

Hexthorpe

- Bramworth Road
- Dell Crescent
- Denison Road
- Eden Grove
- Gladstone Road
- Laughton Road
- Nicholson Road
- Old Hexthorpe
- Ramsden Road
- Salisbury Road
- Scarll Road
- Shady Side
- Shirley Road
- Travis Gardens
- Windle Road

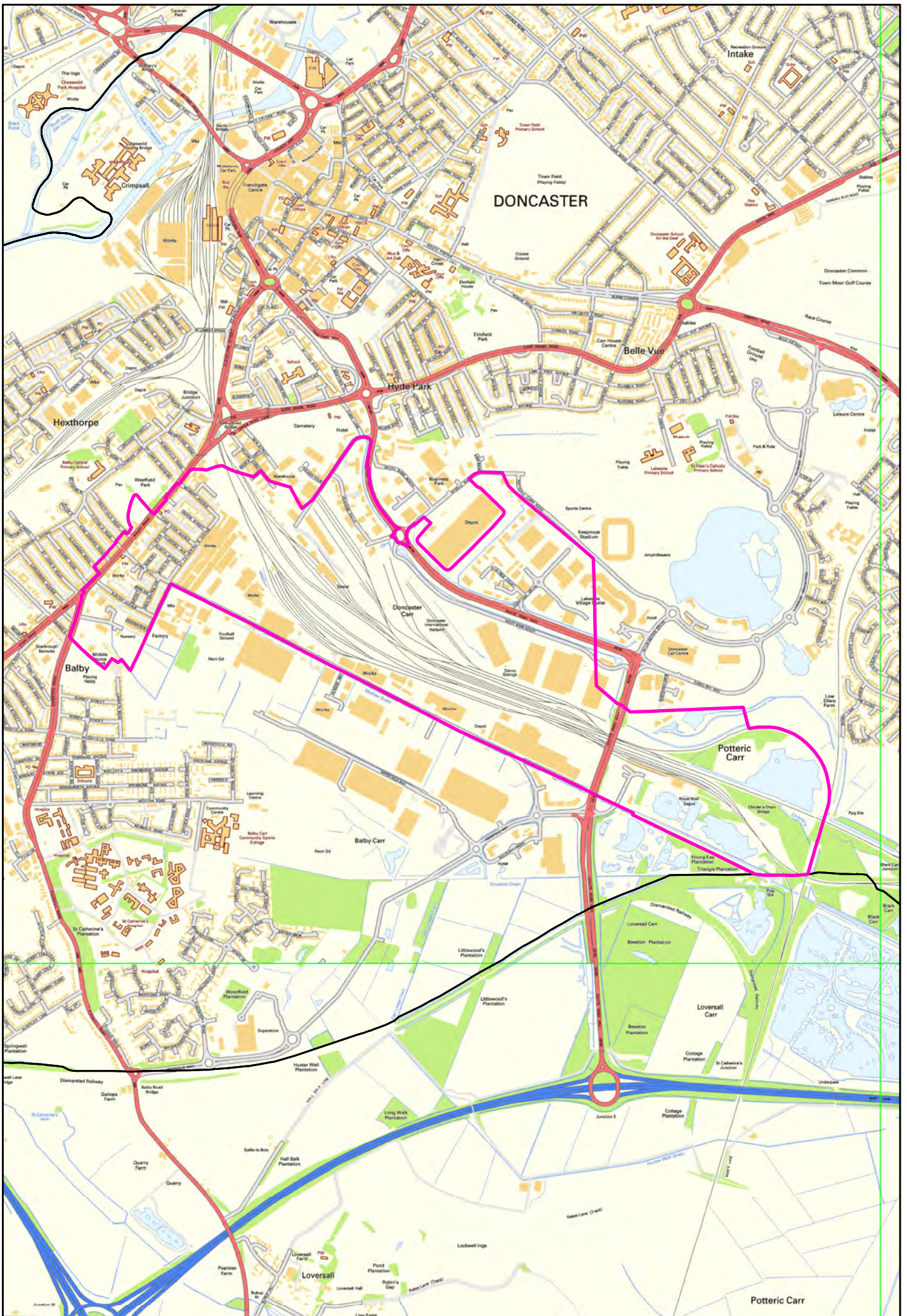
Balby Bridge



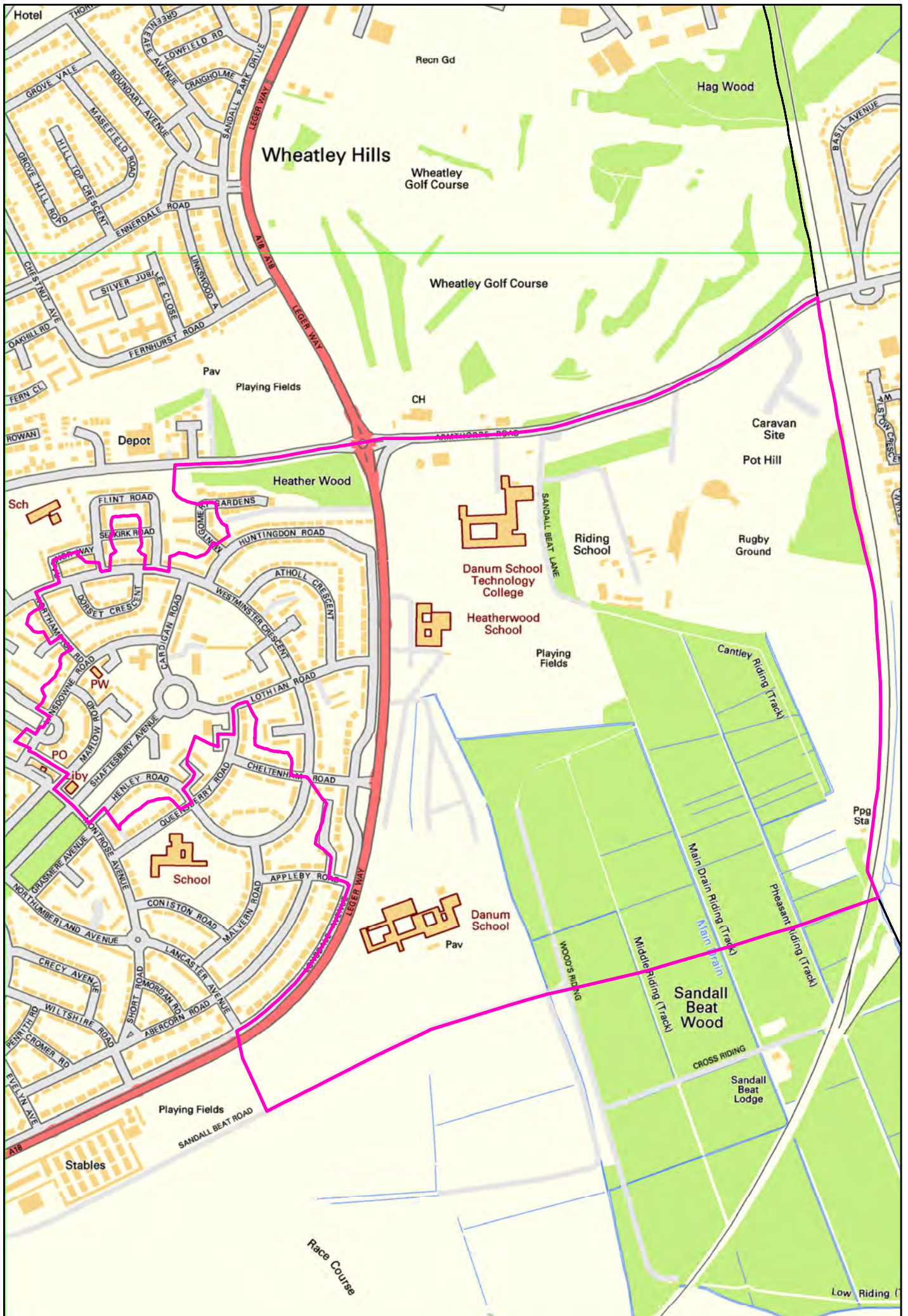
Lower Wheatley Highfield Road



Balby Carr Bank

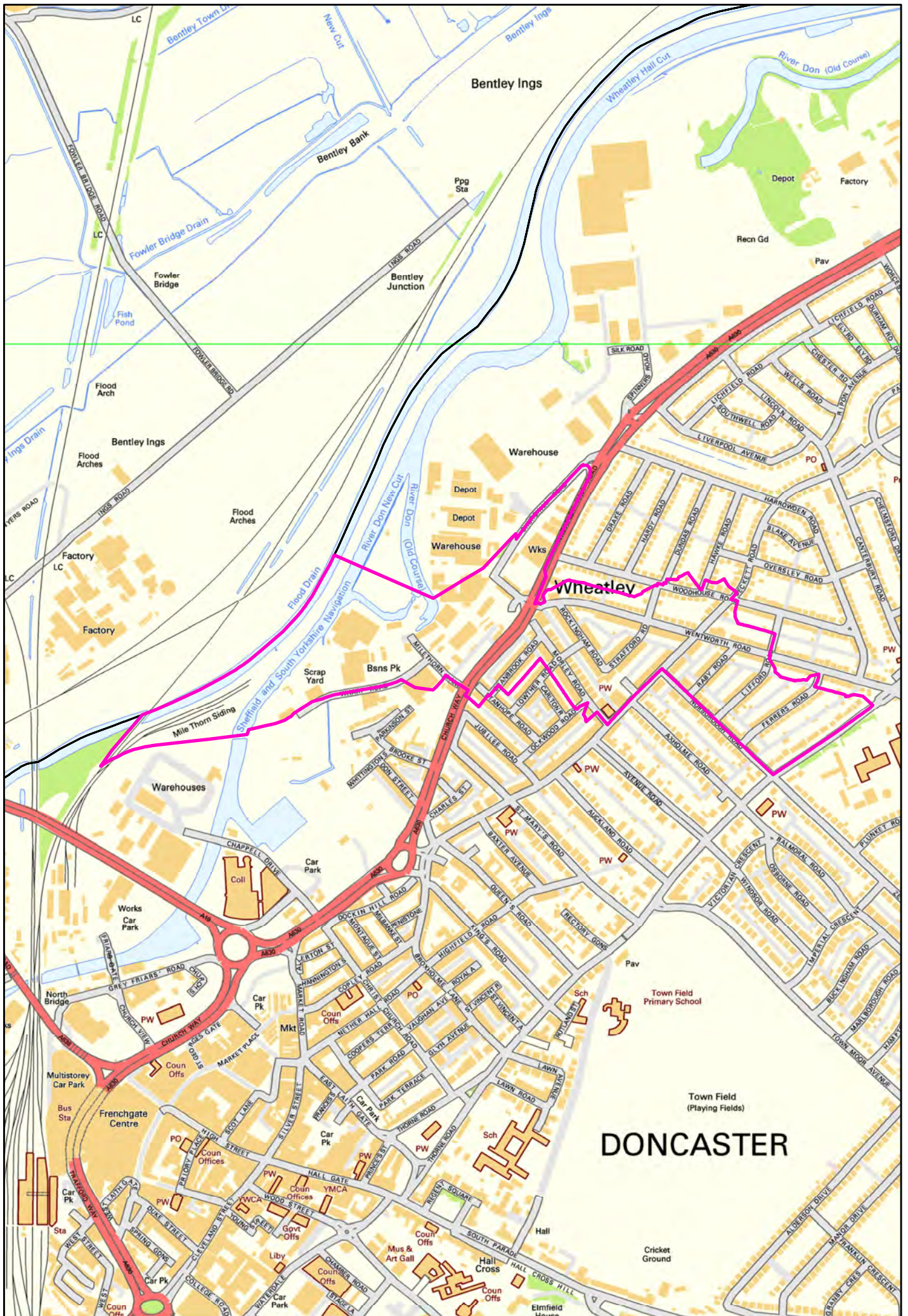


Intake Heather Wood

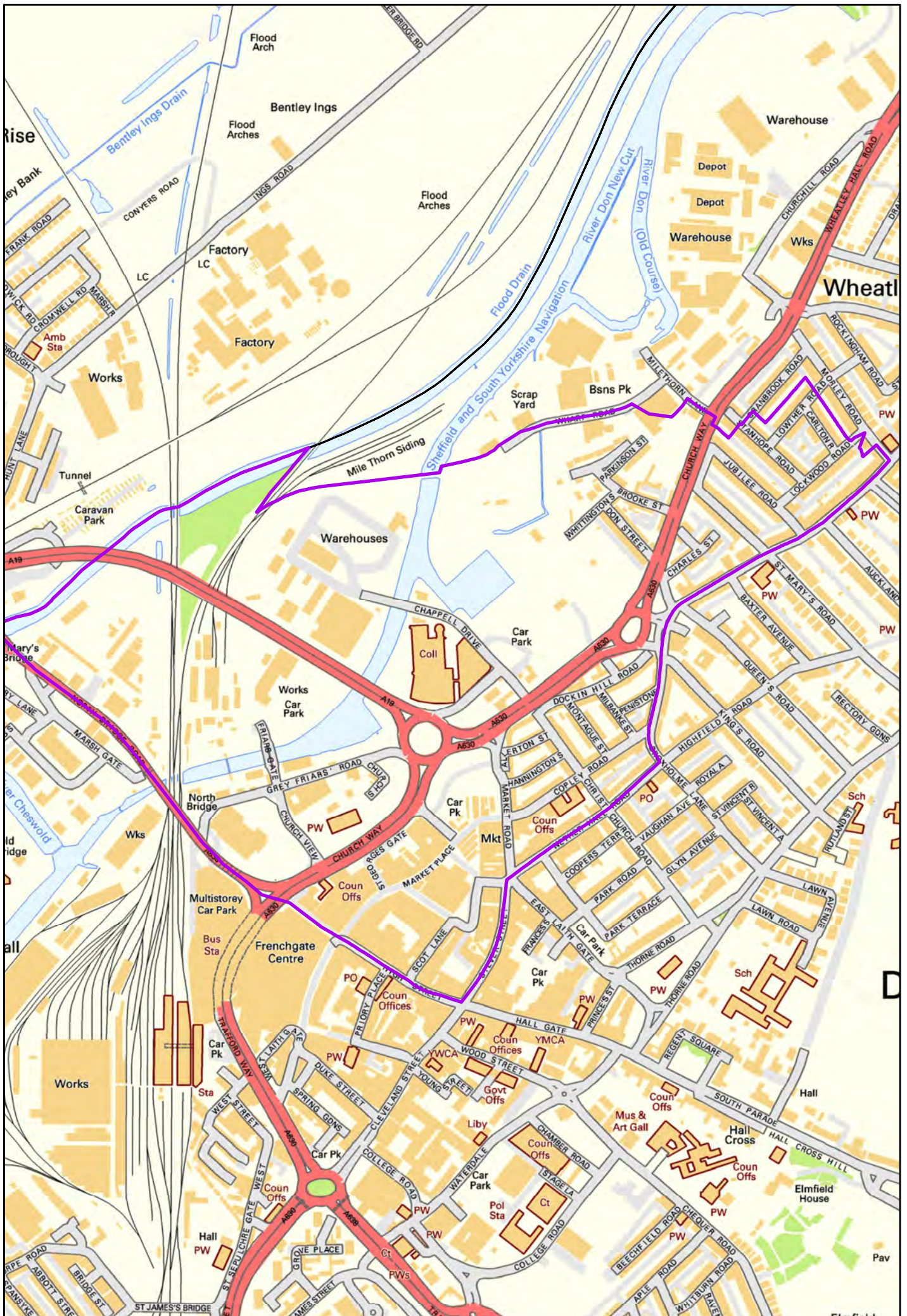


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Lower Wheatley Wentworth Road



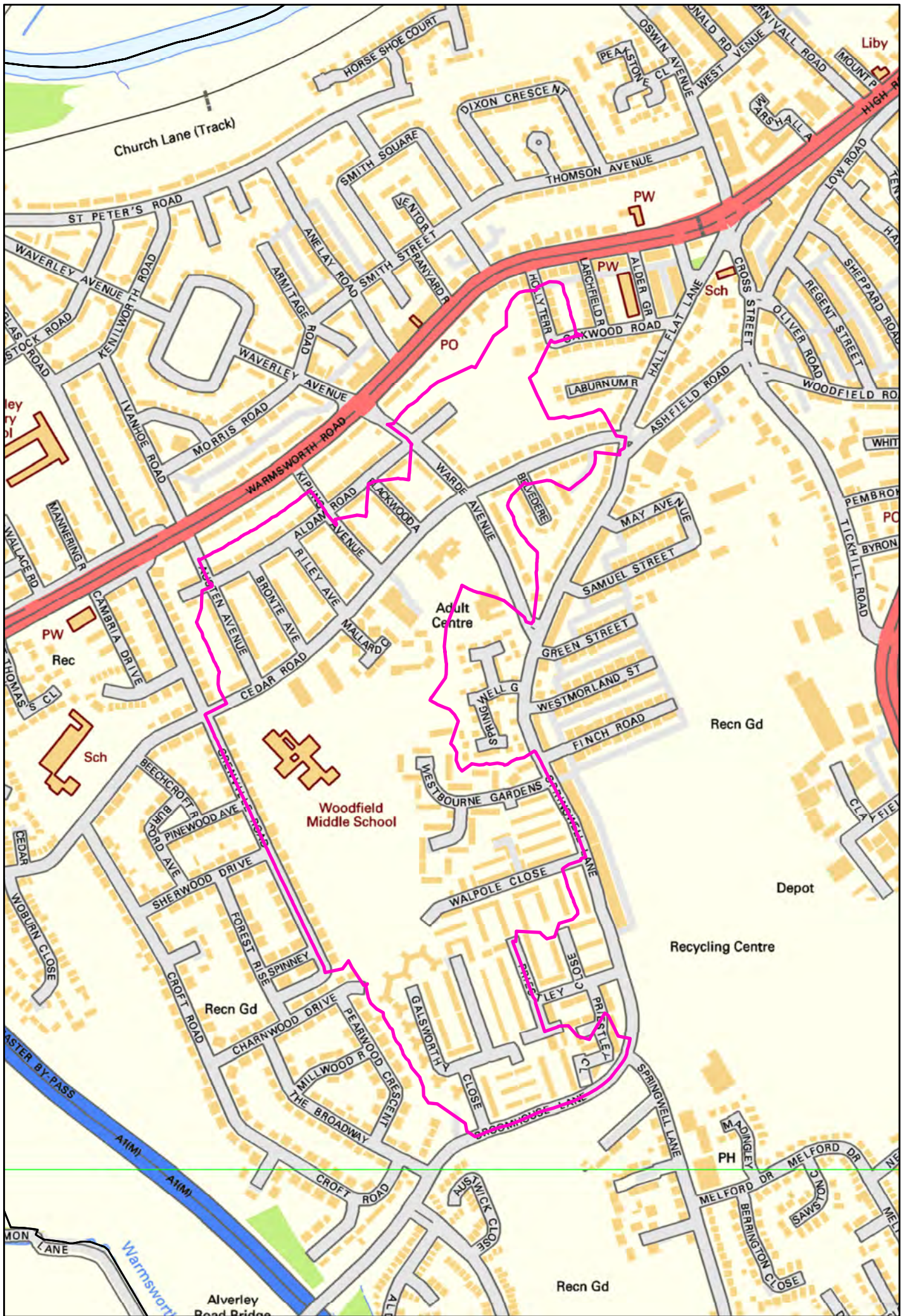
Lower Wheatley North Bridge



Town Fields



Balby Springwell Lane West



Hexthorpe

