

# The Butterley Gangroad Project

**DERBYSHIRE RECORD OFFICE**

**REVIEW OF DOCUMENTS**

**Date: January 2014**

# 1. Overview

1.1 The volumes listed in the Butterley Gangroad Project Research Register reviewed to date in the Derbyshire Record Office (DRO) fall into three categories:-

- (a) Reference to either the Butterley Gangroad, the Crich Limestone Works or the Amber Wharf;
- (b) Reference to general information to laying gangroads, specification of rails and wheels and costing information;
- (c) No relevance to the project.

1.2 The documents have been analysed to varying levels depending on their relevance to the project. For those documents that have been analysed in some detail there is still scope for further analysis to potentially uncover additional information on the Butterley Company works at Crich and Bullbridge including the gangroad.

1.3 The table below details the documents reviewed to date and identifies for each document the category the document has been put in.

Key: Category R - specifically relevant to the project  
 Category GI - general information relevant to the project  
 Category NR - no relevance

DRO Document Ref.	Description	Category/ Photos	Ref.
D1281/2/P1-2	1839. Map of Crich by John Bromley showing owners and occupiers and industry features.	R / Yes	2.1
D216/ES1/1/8	1856. Sale of limestone quarry and lime wharf at Crich. See also D503/74/2.	R / Yes	2.2
D369/G/ZP/589	1950s. Photograph of Stephenson's line looking up the Steep.	NR / Yes	4.1
D3064	1786 Crich Enclosure Plan. Three pages of tracing or original plan owned by Parish Council. Dimple lane only relevance.	R / Yes	2.3
D3772/E52/10/23	1843. Deed of covenants, Strutt and NMR. Relates to NMR between Belper and Duffield (water courses and bridges).	NR / No	4.2

DRO Document Ref.	Description	Category/ Photos	Ref.
D3772/E52/10/42	1950s. Photograph of NMR line through Bullbridge.	GI / No	3.1
D3772/E52/10/43	1843. Letter NMR and Strutt concerning railway in Crich. Tracing of route of NMR through Bullbridge.	GI / Yes	3.1
D503B/1/1-2 & 2A	1791. Conveyance of two thirds share of Lees Close from James Turton to Francis Beresford for £250. Plan by John Nuttall showing Crich Quarry lands.	R / Yes	2.4
D503B/1/3A	1792. Francis Beresford leased one third share of Lees Close from Nathaniel Curzon for 21 years.	R / Yes	2.5
D503B/1/4	1792. Articles of partnership for Benjamin Outram & Co. - Benjamin Outram, Francis Beresford, William Jessop and John Wright	R / Yes	2.6
D503B/1/6	1796. Conveyance for three parcels of land to Francis Beresford.	R / Yes	2.7
D503B/1/16	1804. Conveyance of land (Paynes field) to Benjamin Outram	R / No	2.8
D503B/1/17	1805. Lease of line to Edward Banks. Early maps and significant details about the line and its early operation. Full transcription available.	R / Yes	2.9
D503B/1/22	Conveyance of three parcels of land from the Strutts to John Wright.	R / No	2.10
D503B/1/23	1809. Conveyance of two parcels of land from executors of will of Joseph Hepworth to John Wright.	R / No	2.11
D503B/1/28	1810. Purchase of Hat Factory	R / No	2.12
D503B/1/29	1813. Conveyance of two parcels of land from Debanke to John Wright.	R / No	2.13
D503B/1/39	1823. Conveyance of two parcels of land from Rev. John Hughes to William Jessop.	R / No	2.14

DRO Document Ref.	Description	Category/ Photos	Ref.
D503/12/1	1795-1801. Extracts from the letter book (typed copies).	R / Yes	2.15
D503/12/2	1799-1846. 93 Butterley Co. letters.	GI / Yes	3.2
D503/14/1	1889-1901. Managing Directors reports. Includes some detail of the lime works.	R / Yes	2.16
D503/14/2	1902-1913. Managing Directors reports. . Includes some detail of the lime works.	R / Yes	2.17
D503/14/3-36	1914-1947. Managing Directors report. Balance sheet and P/L information only.	NR / No	4.3
D503/26/1-6	1810-1935. Ledger of annual totals for departments. Includes high level total for limestone works.	R / Yes	2.18
D503/27/1-2	1820-1914. 10 year period P/L details. Includes profit and loss for lime works.	R / Yes	2.19
D503/28/1	1796-1856. Ledger of Beresford, Outram, Jessop and Wright. Formation of company but high level.	GI / No	3.3
D503/29/1-14	1852-1936. Private ledgers of Butterley Co. High level information re the limestone works account showing P/L for each financial year and transfers to and from other accounts.	R / Yes	2.20
D503/31/2-16	1859-1936. Private journals of Butterley Co. High level journal transfers between accounts.	R / Yes	2.21
D503/35/1-2	1790. Copies of entries in cash book	NR / No	4.4
D503/35/3	1799 on. Butterley Co. Ledger inc. limestone trade and significant details.	R / Yes	2.22
D503/35/5	1802-1803. Butterley Co. account book with Amber Wharf limestone accounts including data on limekilns and tunnel into old quarry.	R / Yes	2.23
D503/37/1	1888-1945. Butterley Co. capital account details. Shows expenditure on lime works and rolling stock and property sales following closure.	R / Yes	2.24

DRO Document Ref.	Description	Category/ Photos	Ref.
D503/37/2	1901-1919. Butterley Co. capital accounts inc. limestone works. Shows sales and P/L for the lime works for the period 1905-1919.	R / No	2.25
D503/37/3	1934-1942. Butterley Co. capital and plant accounts. High level information including some property sales following closure of works (see D503/37/1).	NR / No	4.5
D503/38/6	1870-1917. Butterley Co. general ledger. Folio 59 shows Bullbridge lime works account for the period 1894-1921.	R / Yes	2.26
D503/39/1	1883 on. Butterley Co. salaries ledger. Shows salaries of manager at lime works.	R / Yes	2.27
D503/40/1-3	1921-1940. Butterley Co. salaries cash books	R / No	2.28
D503/42/1-4	1800-1852. Butterley Co. Furnace Ledgers in 4 volumes. Includes relevant entries including date of old quarry tunnel, bridge under Dimple Lane, supply of wheels, includes some land purchases relating to re-routing the railway.	R / Yes	2.29
D503/43/1-6	1885-1934. Butterley Co. production account books	NR / No	4.6
D503/51/1	1824-1874. Butterley Co. forge book. Page 265 shows the cost of a lime truck in 1855.	GI / Yes	3.4
D503/58/1	1805. Letter to Wandsworth re proposal for new railway.	GI / Yes	3.5
D503/57/2	1800. Drawing of wheel and axle.	GI / Yes	2.30
D503/64/1-4	1791on. Mineral leases summary. Shows quarry purchased in 1791.	R / Yes	2.31
D503/67/1	1834. Schedule and valuation of Butterley Co. property showing the quarry and lime works.	R / Yes	2.32
D503/67/2	1834. Draft version of D503/67/1.	NR / Yes	4.7
D503/67/3-6	1897-1899. Valuation of Butterley Works at Ripley only.	NR / No	4.8

DRO Document Ref.	Description	Category/ Photos	Ref.
D503/68/6	1873. Valuation of Butterley Co. railways on Butterley estate and Codnor Park only.	NR / No	4.9
D503/68/8	1902. Accounts for new trucks and repairs to trucks for the six months to March 1902.	GI / No	3.6
D503/69/2	1940-1970. Butterley Co. land rentals. Mainly farm rentals and reference to The Tors at Crich and Cross Farm (Joseph Smith) Crich.	NR / Yes	4.10
D503/69/3	1949-1971. Butterley Co. farm rents. No rents in Bullbridge/Crich area. Waterloo Farm at Ambergate mentioned.	NR / No	4.11
D503/69/7	1880. Draft valuation of Butterley Co. property at Crich. Purchase of Saddlers shop, 3 cottages, 1 grocers, farm house and 16.5 acres of land @ £2 per acre. Total £1925.	NR / No	4.12
D503/69/10	1890. Land at Crich and Ambergate ex Stephenson. Refers to Top Meghorn and Bottom Meghorn fields and 2 fields at Ambergate.	NR / No	4.13
D503/72/2	1899. Contract with Bott and Lewis for the new quarry and quarry branch, with plan. Transcription available.	R / Yes	2.33
D503/73/1	1900 on. Map showing Butterley Co. property. Map shows quarries, the line and the lime works at Bullbridge.	R / Yes	2.34
D503/74/2	1856. Map of Lord Scardale's land at Crich with letter. Map shows Hilt's quarry and old line. See also D210/ES1/1/8.	R / Yes	2.35
D503/74/17	1890. Plan of estates of W.N. Harris at Crich. Plan of land north of Oakerthorpe Road.	NR / No	4.14
D503/74/31	1890. Plan of land at Crich. Top Meghorn and Bottom Meghorn fields (Chadwick Ric and Bilberry Hill).	NR / No	4.15
D503/75/5	1876. Plan of land at Plaistow, Crich showing fields around Ten Acres Lane.	NR / Yes	4.16

DRO Document Ref.	Description	Category/ Photos	Ref.
D503/75/10	1885. Plan of land at Hilt's quarry. Shows line into and in the quarry and fields around.	R / Yes	2.36
D503/78/3	1833. Butterley Co. specifications for certain improvements in constructing railways with patent taken out by William Jessop.	GI / Yes	3.7
D503/82/3-24	1823-1879. Employee agreements. No agreements relevant to lime works but one agreement for 1820 detailing typical conditions of employment.	GI / Yes	3.8
D503/82/25	1914. Roll of Honour of Butterley Co. employees in 1914-18 war. Details 21 men at the limestone works joining the army in 1914 (inc. Wirksworth quarry men).	R / Yes	2.37
D503/89/1	1801. Prices of cast iron goods (single sheet).	NR / Yes	4.17
D503/95/1-4	1946. Documents associated with printed history of Butterley Co. All information relates to the proposed publication of "Through Five Generations".	NR / No	4.18
D503/95/5	1924-1946. Historical notes on Butterley Co. Letters to assist Mottram in producing draft publication in late 1940s. Mainly refers to collieries.	NR / No	4.19
D503/95/6	1946. Historical notes on Butterley Co. by John Hayes. Notes provided to Mottram to produce draft publication "Through Five Generations" (1950).	R / Yes	2.38
D503/96/1	1844. "A day at the Butterley Co. Ironworks", Penny Magazine. Only refers to ironworks at Ripley and Codnor Park.	NR / No	4.20
D503/96/3	1886. A visit to the works of the Butterley Co. reprinted from Machinery Market March 1886.	R / Yes	2.39
D503/96/6	1953. "In search of Outram's tramway", Eric Potter, article in Butterley Co. magazine. Covers Little Eaton Gangroad.	GI / No	3.9
D503/96/10	1792-1816. The Butterley Co. Coal and Iron Works 1792 - 1816. Reprinted from the Derbyshire Archaeological Journal 1965.	R / Yes	2.40

DRO Document Ref.	Description	Category/ Photos	Ref.
D503/97/4	1900: Outram Pedigree	GI / Yes	3.10
D503/99/14	1790-1797. Copy of extracts from early accounts.	NR / Yes	4.21
D5974/3/1	1795-1801. Original letter book.	R / Yes	2.41
D5974/3/2	1860-1885. Original book. Includes letter to George Bates, manager of the limestone works.	R / Yes	2.42
D5974/4/1	1814. Butterley Co. accounts for year 1813/14 including the Crich limestone works account.	R / Yes	2.43
D5974/5/1	1793-1800. Accounts ledger including George Young and James Turton at Crich and Edward Banks.	R / Yes	2.44
D5974/6/1	1800-1822. Cash book. Shows payments to Joseph Lynam for rent for gangroad and to Edward Banks.	R / No	2.45
D5974/7/1	1809-1814. Day Book. Entry for Joliffe and Banks in 1809.	R / Yes	2.46
D5974/9/5	1925-1935. Lime kilns salaries book detailing salary of the manager and two other staff.	R / Yes	2.47
D5974/9/11	1919-1923. List of employees. Only covers Codnor Park works.	NR / No	4.22
D6367/1/86	1950s. Photograph of lime kilns at Bullbridge.	R / Yes	2.48
D6367/1/92-94	1950s. Photographs of NMR sign at Bullbridge, Canal Inn and Aquaduct at Bullbridge.	NR / Yes	4.23
D6367/1/96	1950s. Photograph looking back to Canal Inn at Bullbridge with Lime works in background.	R / Yes	2.49
D6413/1/560	1893. Railway Plan. Detailed plan of Stephenson line and land purchases from Ambergate lime works to Crich Stand.	NR / No	4.24
Q/AM/4/1	1827. Petition for a gunpowder magazine licence, Joseph Mather, Butterley Co., Amber Wharf.	R / Yes	2.50
Q/SB/9/204	1860. Footpath diversion in Fritchley. Plan showing diversion of footpath in Crich following re-alignment of Whatstandwell to Crich turnpike road.	NR / Yes	4.25



## 2. Relevant Documents

### 2.1 D1281/2/P1-2 Map of Crich by John Bromley 1839

Photograph Folder: BG5K (BG5K0296.... To BG5K0302....).

This map from 1839 shows the line and old quarry and the adjoining closes with the named owners and occupiers.

### 2.2 D216/ES1/1/8 Sale of limestone quarry and lime wharf 1856

Photograph Folder: BG5K (BG5K0001.... to BG5K0002....).

This volume comprises of information relating to the sale of freehold and leasehold property held on 7 October, 1856. Lot 4 comprised of a two thirds share of a lime quarry, coal and lime wharf, stack yard and garden situated in the parish of Crich. The other third share of the property being offered for sale was owned by Lord Scarsdale. (see also D503/74/2 and the included map).

### 2.3 D3064 Crich Enclosure Plan 1786

Photograph Folder: BG5K (BG5K0303.... to BG5K0305....).

This volume contains three tracings of parts of the Crich Enclosure Award plan in 1786. The actual plan is owned by the Crich Parish Council. There could be a tracing missing as the three tracing are lettered A, C and D so B could be missing. Tracing C (photograph D3064-A) is the most relevant showing the roads leading into Crich Market Place from the South (Langley Mill Road) and West (Wirksworth Road). This tracing also shows the Fritchley Mill Road.

### 2.4 D503B/1/1-2

Photograph Folder: BG5K (BG5K0338.... to BG5K0346....).

The first document is the conveyance of a two thirds share of the land at Crich, known as Lees Close (4 acres, 2 roods and 21 perches), from James Turton to Francis Beresford for £250 in 1791.

The second document is a copy of a plan of the quarry lands at Crich and shows Scarsdale Lees (otherwise known as Lees Close) purchased by Beresford in 1791. The original plan was produced around 1800-1805. See Butterley Gangroad Project - Land Acquisitions and Leases.

## 2.5 D503B/1/3a

Photograph Folder: BG5K (BG5K0347.... to BG5K0355....).

This document is the lease of the remaining third share of Lees Close from Nathaniel Curzon in 1792 for a period of 21 years.

## 2.6 D503B/1/4

Photograph Folder: BG5K (BG5K0356.... to BG5K0372....).

The articles of partnership for the Benjamin Outram & Co. (to become the Butterley Company in 1807) were signed in 1792 and included four parties:-

Benjamin Outram & Francis Beresford;  
William Jessop;  
John Wright; and  
Richard Fitz Herbert & Phillip Gell.

See transcription BG2B0013 D503B-1-4 Transcription.

The Butterley estate, purchased by Outram and Beresford in 1790, and the land at Crich purchased by Beresford in 1791 were integral parts of the partnership. For further details see Butterley Gangroad Project - Land Acquisitions and Leases.

## 2.7 D503B/1/6

Photograph Folder: BG5K (BG5K0373.... to BG5K0396....).

This folder contains the conveyances for three parcels of land known as Lees Pingle (1 acre, 1 rood and 9 perches), Lees Pingle (1 acre, 1 rood and 27 perches) and Lees Close (1 acre, 1 rood and 8 perches) purchased by Francis Beresford from Robert Wilmot for £237 in 1796.

## 2.8 D503B/1/16

Photograph Folder: None.

This folder contains the conveyances for a parcel of land near Fritchley called Paynes Field (3 acres, 3 roods and 10 perches) divided by gangroad purchased by Benjamin Outram in 1804 from David Woodhouse for £150. For further details see Butterley Gangroad Project - Land Acquisitions and Leases.

## **2.9 D503B/1/17 Lease of line to Edward Banks 1805**

Photograph Folder: BG5K (BG5K0004.... to BG5K0041....).

This volume contains the full agreement between Outram, Beresford, Jessop and Wright and Edward Banks to operate the quarry, gangroad and lime kilns for a period of 14 years from 1805. A full transcription of the agreement has been made (PDF file BG2G0010 DRO D503-1-17 Transcription).

## **2.10 D503B/1/22**

Photograph Folder: None.

This volume contains a draft agreement, dated December 1805, between Outram and the Strutts to enable Outram to obtain additional land adjacent to the Warner quarry in exchange for part of the close called Warmwells. The agreement specified John Nuttall of Matlock would assess the quantity of land involved. The draft agreement was amended in March 1806 to enable Outram to obtain the Great Lees and the Little Lees (6 acres, 3 roods and 27 perches in total) in exchange for the upper parts of the two closes called the Warmwells. If the land being exchanged by Outram did not equal the land being obtained, the Strutts were to be compensated at the rate of £60 per acre.

However this agreement was never invoked and John Wright in 1809 purchased the two closes of land (Great Lees and Little Lees) and the Lees Pingle (Calf croft - 1 acre and 17 perches) for £483 (£60 per acre as per the exchange agreement). This amount is recorded in the Furnace Ledger - D503/42/1 Folio 429.

## **2.11 D503B/1/23**

Photograph Folder: None.

This volume contains the conveyance of a small parcel of land at Bullbridge (900 sq. yards of Upper Field) purchased by John Wright in 1809 from the executors of the late Joseph Hepworth for £30.

## **2.12 D503B/1/28 Purchase of Hat Factory 1810**

Photograph Folder: None

This volume contains the conveyances of the land and dwellings at the Hat Factory up to 1809. The sale included crofts, green yard and bank of

wood otherwise known as lower croft, upper croft and bank of wood at Dimple (2 acres and 3 roods). Also included were a house, barn, stable yard, garden and outbuildings adjoining closes called upper croft and lower croft and an allotment known as Dimple (Plan no 80 on the enclosure award - 1 rood and 8 perches).

The final conveyance for the Hat factory to John Wright in 1810 for £735 is missing from the folder.

### **2.13 D503B/1/29**

Photograph Folder:           None.

This folder contains the conveyance of two parcels of land at Crich purchased by John Wright from Debanke in 1813 for £641. The two parcels were Lees Pingle (4 acres and 4 perches) and Pale side close (2 acres, 3 roods and 6 perches). Debanke had purchased the land earlier in the year at an auction (lots 2 and 3).

The sale is confirmed in the Furnace Ledger - D503/42/1 Folio 721.

### **2.14 D503B/1/39**

Photograph Folder:           None.

This volume contains the conveyance of Barbados Close (9 acres, 1 rood and 10 perches), purchased by William Jessop from the Reverend John Hughes in 1823 for £391. The purchase also included a strip of land six yards wide, adjoining the Jessop and company railway, extending from the Barbados close to Dimple lane.

### **2.15 D503/12/1 Extracts from letter book 1795-1801**

Photograph Folder:           BG5K.

#### **Proposed Railway at Marple, 1798**

Photographs:                   BG5K0042 D503-12-1-1798-A  
  BG5K0043 D503-12-1-1798-B.

This letter outlines the specification for the proposed railway at Marple and originates from around January 1798. It specified the foundation to be of small stone, 4 yards in breadth and 6 inches deep. The stone sleeper blocks were to be the same as for the Peak Forest railway. The spaces between the rails were to be filled with small stone to make the total depth of stone of 12 inches between the rails. The rails were to

contain a full  $\frac{3}{4}$  cwt. of the stoutest cast iron to each yard in length of road and be capable of bearing wagons loaded with a maximum of 5 tons but more commonly 30 to 45 cwt. each. The plugs were to be made of heart of oak, one and a half inches thick and the spikes were to be made of tough beaten iron equal in length or strength to those on the Peak Forest railway.

The cost of the railway was estimated to be £2720 for 3100 yards to include the earthwork, the rails, plugs, spikes, 4 cranes and 20 wagons and all the workmanship.

**Page 13 - 1 May 1795**

Photographs:                      BG5K0046 D503-12-1-P13-A  
    BG5K0047 D503-12-1-P13-B.

Letter from B. Outram to Jno. Radford, Smalley acting for Mr Lowe relating to the construction of wagons and wheels and comparing the railways at Coalbrookdale with Outram's preferred construction.

**Page 34 - Prices for Cast Iron rails to be delivered to Brinsley Wharf, 1796**

Photograph:                      BG5K0048 D503-12-1-P34.

This letter with no recipient or sender shows the cost of cast iron rails to be delivered to Brinsley Wharf. The various weights for each yard of rail are costed together with the maximum loading for each rail weight.

**Page 40 - from B Outram to Rev. Morewood, Alfreton Hall re railway at Hermitage Colliery.**

Photographs:                      BG5K0049 D503-12-1-P40-A  
    BG5K0050 D503-12-1-P40-B.

This letter has been included for completeness as it is a previous letter to the next letter on page 42 which includes a reference to the railway at Crich.

**Page 42 - from B Outram to Mrs Morewood, Alfreton Hall re railway at Hermitage Colliery.**

Photographs:                      BG5K0051 D503-12-1-P42-A  
    BG5K0052 D503-12-1-P42-B.

This letter dated 24 October 1796 is from B. Outram to Mrs Morewood at Alfreton Hall re the railway at Hermitage Colliery. In the letter is a

reference to men currently laying rails at Crich but no further details are provided.

**Page 52 - from J. Outram to Mr Geo. Young dated 10 December 1796.**

Photographs:                   BG5K0053 D503-12-1-P52-A  
  BG5K0054 D503-12-1-P52-B.

The letter reads:

Our agreement with you for leading limestone being now completely expired and Samuel Rowe having agreed to lead or gang the same, of which he begins Monday next 12 December, 1796. You are hereby required to give up possession of the lands you hold under B. Outram Co. in Crich according to our agreement dated 22 March now last past to the aid of B. Outram Co. on Monday 12 December, 1796 together with all the manure you have made from the crop reaped of the said premises. J. Outram.

**Page 94 - from J Outram to Jeffcoate & Adams, Birmingham, copy to J Radford, Smalley.**

Photograph:                   BG5K0056 D503-12-1-P94.

This dated 3 June 1797 gives the cost of four foot rails and the cost of laying them down. Using a weight of 26lbs to 28lbs per rail then the cost, including laying them down at Smithy Houses would 11 guineas per ton.

**13 April, 1801 - from J. Outram to J.Rennie, Black Friars.**

Photographs:                   BG5K0044 D503-12-1-1801-A  
  BG5K0045 D503-12-1-1801-B.

Although letter has no reference to our gangroad, it does include an indication of the size of wagons including total width, axle width and total length.

**Conversion of limestone to lime**

Photograph:                   BG5K0055 D503-12-1-P79

**2.16 D503/14/1 Managing Director's reports 1889-1901**

Photograph Folder:        BG5K (BG5K0063.... to BG5K0074....).

These annual reports from 1894 onwards include a small section on the limestone works and the work undertaken to improve the productivity of the quarry and lime kilns and the opening up of the old quarry.

## 2.17 D503/14/2 Managing Director's reports 1902-1913

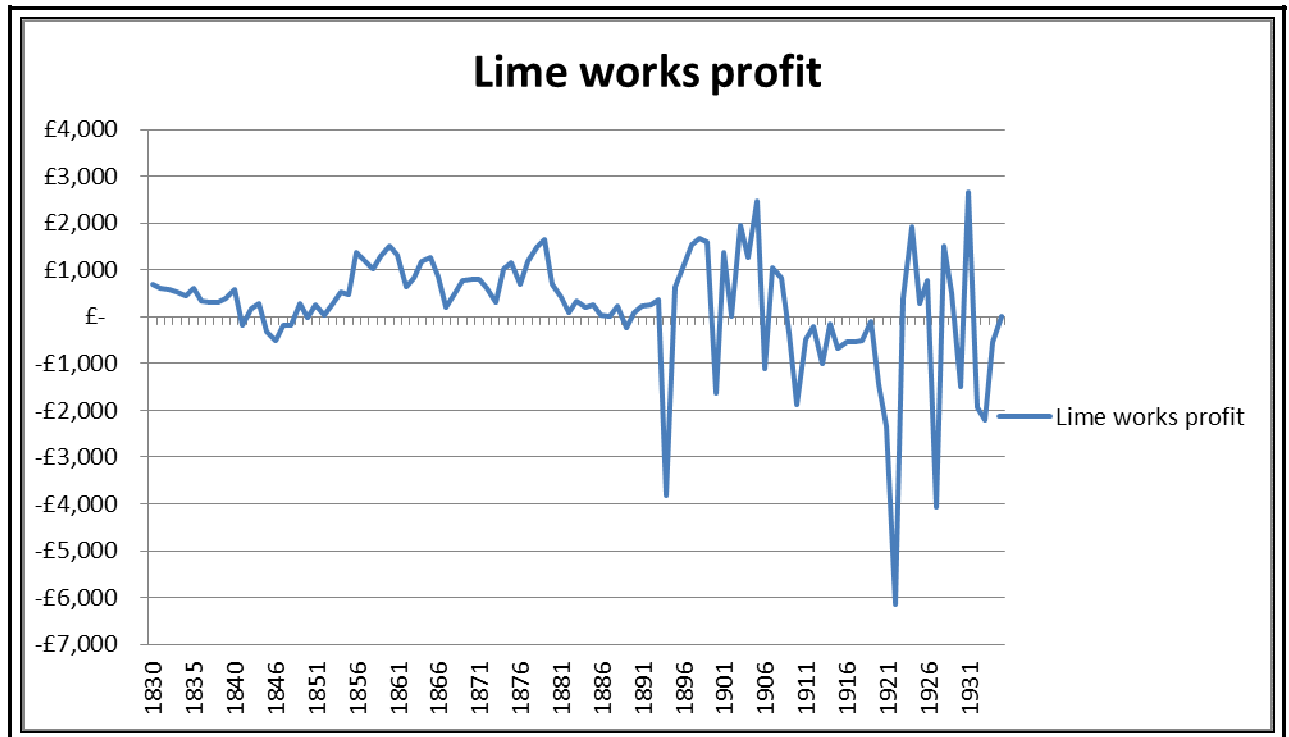
Photograph Folder: BG5K (BG5K0075.... to BG5K0088....).

These annual reports from 1902-1913 include a small section on the limestone works and include the output of the quarry and lime kilns, wages paid and number of employees.

## 2.18 D503/26/1-6 Ledger of department annual totals 1810-1935

Photograph Folders: BG5K (BG5K0089.... to BG5K0099....).

These volumes show the P/L for lime works from 1830 to 1919.



## 2.19 D503/27/1-2 10 year period P/L details 1820-1914

Photograph Folder: BG5K (BG5K0100.... to BG5K0102....).

These two volumes detail the annual P&L for the various departments comprising the Butterley Co. Same information to a large extent as in D503/26/1-4.

## **2.20 D503/29/1-14 Private ledgers of Butterley Co. 1852-1933**

Photograph Folder: BG5K (BG5K0103.... to BG5K0127....).

These are high level ledgers showing the Crich limestone works accounts but with very detail.

In D503/29/1 (F228 Truck account), trucks were purchased for the works at a cost of £467 in 1854 and two trucks in 1855 for £134. Folios 247,248 and 249 show the Crich limestone works accounts and Folio 270 shows the payments to Peter William Bowne, manager of the works.

In D503/29/2, folio 257(plant account) refers to new Bullbridge siding at a cost of £22-10s-0d. The Crich limestone works accounts are shown in folios 171, 172, 177, 178 and 179.

In D503/29/3, folio 155 (plant account) refers to a new wharf at a cost of £7-16s-0d. Folios 31 and 70 relate to the Crich Ledger account and Folios 165, 166, 167, and 168 relate to the Crich limestone works accounts.

In D503/29/4 folios have been photographed covering the Crich ledger account and the Crich limestone works account but only high level figures in all of them.

## **2.21 D503/31/2-16 Private journals of Butterley Co. 1859-1936**

Photograph Folder: BG5K (BG5K0400.... to BG5K0407....).

These volumes show journal transfers between the various internal accounts and the only relevant detail in the early volumes includes the salary journal transfers for the lime works managers during the period 1859-1876 - Peter Bowne, John H Day and George Bates.

From 1889 onwards the lime works account is included at the end of each six month period showing sales, wages and coal expenditure. The photographs show some of the detail and other detail is:-

Sep 1900	-	Wages relaying tramway £99-2s-10d.
Dec 1901	-	Bonus to J P Hamilton (£25), J J parkin (£5) and T Bowmer (£5).
Aug 1903	-	Purchase of 4 cottages at Bullbridge from W Barton for £455.
Sep 1904	-	Purchase of land at Crich from G Smith £13-2s-2d.
Sep 1904	-	20 x 10 ton trucks repaired , painted and lettered (Numbers 275 to 294) for £740 by Wagon shop.



## **2.22 D503/35/3 Butterley Co. ledger inc. limestone trade 1799 on**

Photograph Folder: BG5K (BG5K0128.... to BG5K0136....).

This ledger shows the limestone traded at the Amber Wharf and held in stock as at 2 February 1799. The limestone held in stock is 1300 tons @ 2s 6d per ton (£162 10s 6d) and £1779 4s 7d traded.

Total £1941 15s 1d.

Biggest sales by value were Fletcher & Co., Huddersfield Canal Co., John Lees, Benjamin Outram, Todd & Campbell and Hodgkinson & Campbell.

## **2.23 D503/35/5 Butterley Co. account book 1802-1803**

Photograph Folder: BG5K (BG5K0137.... to BG5K0145....).

This volume is the account book for the Amber Wharf for the period 1802-1803 and includes specific information about the volume of limestone sold for the kilns, for roads and for paving and the volume burnt at the Amber Wharf over the two year period (see photograph BG5K0137 D503-35-5-A).

There is also specific reference to amounts paid to Robert Tipping Co. for new railway and tunnel, for replacement lime kilns, for the replacement kiln road and for the amount paid for gunpowder over and above that sold to Robert Tipping Co (see photograph BG5K0137 D503-35-5-A).

Photograph BG5K0138 D503-35-5-B shows the discount given to various people including Hodgkinson, Wilkes, Hepworth, Jowett, Wootten and Lord Middleton, part of Outram's salary (£50.00), part expense for keep of hacking horses and the stock of gunpowder in stock as at March 1802 (29 barrels).

Photographs BG5K0139 D503-35-5-C and BG5K0140 D503-35-5-D are adjacent pages showing the account for the lime kilns including a reference again to Tipping for payments for the kiln road and a reference to E Banks.

Photographs BG5K0141 D503-35-5-E thru BG5K0144 D503-35-5-H are the four pages showing the accounts for building, improvements and advances in capital. These repeat the references to work on a new railway at Crich and the limestone tunnel and road.

Photograph BG5K0145 D503-35-5-I is a single page showing the amount paid to Tipping for the new railway and tunnel and opening the Crich limestone quarry.

## **2.24 D503/37/1 Butterley Co. capital account details 1888-1845**

Photograph Folder: BG5K (BG5K0146.... to BG5K0182....).

The first ledger (D503-37-1) contains the accounts for the lime works, the lime works rolling stock and the Bullbridge and Crich property for the period 1888 to 1945,

Lime works - Folios

133,134,135,136,139,140,223,224,288,319,320,395,and 396.

Lime works rolling stock - Folios 146,225,226,**291**,and 355.

Bullbridge and Crich Property - Folios 11,25 and 423.

***NB.Currently no photograph for Folio 291.***

The rolling stock account details the purchase of new wagons and locomotives and the transfer of wagons and a locomotive from other parts of the Butterley Company. The period 1893 to 1904, covering the early years under the new manager of the works John P Hamilton, the lime works account showing expenditure on a new powder magazine, a new kiln , new stone breaker, new crusher and new conveyor and new stone pillar and iron plates for kiln stage. In 1904 the ledger shows limestone was being bought in from G A Smith for £420.

## **2.25 D503-37-2 Butterley Co. capital account details 1905-1919**

Photograph Folder: None.

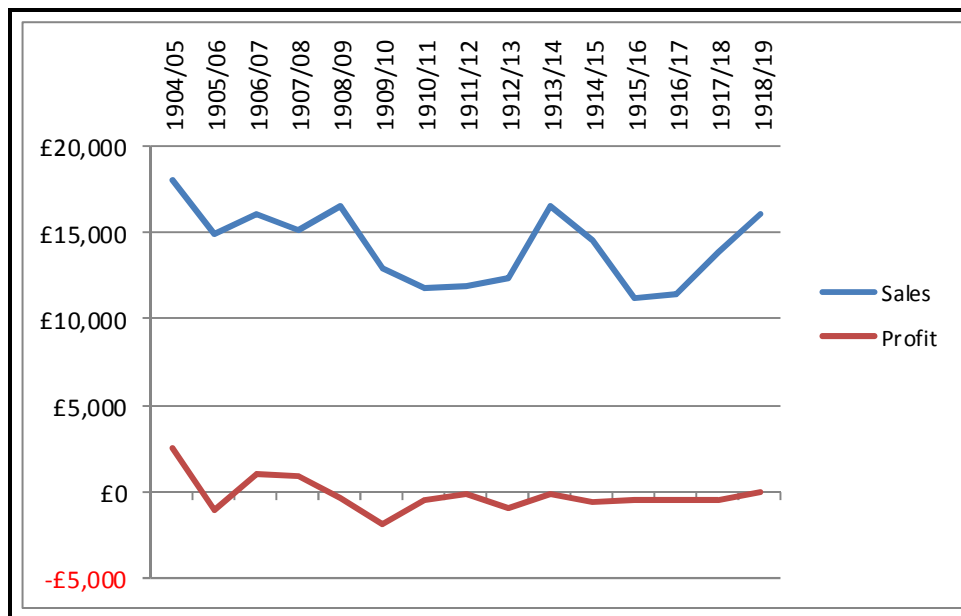
This volume contains separate documents for each year in the period 1905 to 1919 detailing the capital expenditure at the lime works and the profit and loss account for each of those years. From these accounts it confirms the works were made profitable again after the injection of new equipment etc. by John Hamilton from 1908 to 1919 the works were consistently making a loss.

This volume also details the purchases of new wagons and plant in the period 1904-1914.

Sep 1904 -10 new steel wagons	£235 -14s - 3d.
Mar 1906 -20 new lime wagons	£351 - 0s - 0d.
Sep 1906 - Air Compressor	£145 - 3s - 10d.

Sep 1907 - Air Compressor	£68 - 9s - 0d.
Mar 1908 - Air Compressor	£17 - 10s - 6d.
Sep 1908 - New wagons	£554 - 10s - 0d.
- Air Compressor	£91 - 14s - 0d.
Sep 1909 - Air Compressor	£228 - 4s - 3d.
Mar 1913 - New Grinding machine	£1031 - 11s - 0d.
Sep 1914 - Screening Plant	£390- 18s - 6d.

### Sales and Profit graph for the years 1904-1919.



### 2.26 D503/38/6 Butterley Co. general ledger 1870-1917

Photograph Folder: BG5K (BG5K0183 D503-38-6).

This general ledger includes folio 59 details equipment - wagons, wheels, axles, kiln plate, and shoots for kilns in the period 1894 onwards.

### 2.27 D503/39/1-4 Butterley Co. salaries ledgers 1883 on

Photograph Folder: BG5K (BG5K0184.... to BG5K0188....).

The four ledgers detail the salaries paid out to individual named employees for the period 1883 to 1924. Only the first ledger has been reviewed to date and this details the salaries for John Henry Day (agent at the lime works), his father George Day (another agent for some other

part of the Butterley Company) and John Pakenham Hamilton (agent at the lime works taking over as manager following the dismissal of John Henry Day). Both lime works managers appear to have a much lower salary, around £150 per year in 1893, compared to the salary of George Day being paid a salary of £500 per year.

The other three ledgers still need to be reviewed.

## **2.28 D503/40/1-3**

Photograph Folder:           None.

These volumes show the salaries for the manager of the lime works and the two foremen - J. P. Hamilton, J. J. Parkin and S. Allsop. In the period 1921-1933 the manager's salary ranged from £335 to £400 per annum and the foremen's salary from £150 to £275 per annum.

## **2.29 D503/42/1-4 Butterley Co. furnace ledgers 1800-1852**

Photograph Folders:       BG5K (BG5K0189.... to BG5K0231....).

**D503//42/1** is the first of four volumes covering the Butterley Furnace Accounts for the period 1800 to 1852. The specific accounts most relevant to our work are contained in the following folios (pages).

Folios 61, 118 and 210 relate to Robert Tipping and what was supplied to him in the years 1801/1802/1803. Some or maybe all of what was supplied is for the work referenced in the Account Book for the Amber Wharf (see D503/35/5).

Folio       419 relates specifically to the Amber Wharf.

Folio       584 relates specifically to the Crich limestone works.

Other accounts of interest but not directly to our work are:-

Folio       101 - Pinxton Railway

Folios      155 and 169 - Croydon, Merstham and Godstone Railway Co.

Folio       22 - Peak Forest Canal Co.

Folio       152 - Alfreton to Derby Turnpike

**D503/42/2** is the second of four volumes covering the Butterley furnace accounts for the period 1800 to 1852. The specific accounts most relevant to our work are contained in the following folios (pages).

Folios 11, 194 and 365 relating to the Crich limestone works.

Folio 62 relates to Mr Brunton's engine account for 1814.

**D503/42/3** is the third of four volumes covering the Butterley furnace accounts for the period 1800 to 1852. The specific accounts most relevant to our work are contained in the following folios (pages).

Folios 141, 344, 345, 386 and 823 relating to the Crich limestone works.

This is the last of four volumes covering the Butterley furnace accounts for the period 1800 to 1852. The specific accounts most relevant to our work are contained in the following folios (pages).

Folios 117, 421, 422 and 950 relating to the Crich limestone works and folios 640 and 924 relating to land purchases in the period 1844 - 1850.

### **2.30 D503/57/2 Drawing of a wheel and axle 1800**

Photograph Folder: BG5K (BG5K0233.... to BG5K0235....).

This volume comprises of an original drawing of a wheel, axle and cross sections of a rail. There is some writing on the drawing but unfortunately it is extremely faded. I can read odd words like "section", "end" and "foot" but that's about all. The DRO register shows it to be from 1800.

### **2.31 D503/64/1-4 Mineral leases 1791 on**

Photograph Folder: BG5K (BG5K0239.... to BG5K0247....).

The first volume (D503/64/4) is the index to the mineral leases held by the Butterley Co. and the index shows the lease to Edward Banks and partners in 1805 with a serial number of 5A. This serial number 5A is then included in the second volume (D503/64/1) but with very little detail. The original full lease is in D503/1/17 (see 2.9 above).

The first two entries in D503/64/1 are dated 1791 and 1792 and relate to the conveyance of freehold for a limestone quarry at Crich and then the lease for the same quarry with mention of the Bullbridge lime works.

### **2.32 D503/67/1 Schedule/valuation of Butterley Co. property 1834**

Photograph Folder: BG5K (BG5K0248.... to BG5K0251....).

The volume details the valuation of Butterley Company property in 1834 including the lime works and the profit being generated at the lime works in the period 1835 to 1852. The valuation, although at a high level, shows

individual entries for the quarries, the property at the Hat Factory and at Bullbridge and the lime works at Bullbridge including the quarries, kilns, wharf, railway, waggons and the agents house (occupied by Mather) and the Nelson Inn. The P/L account shows the works in profit for the first ten years to 1844 but then regularly making a loss to 1852.

### **2.33 D503/72/2 Contract with Bott & Lewis for new quarry 1899**

Photograph Folder: BG5K (BG5K0253.... to BG5K0263....).

This volume contains the contract awarded by the Butterley Company to Bott & Lewis Jones to open up the old Warner quarry in 1899. A transcript of the contract has been provided separately (see PDF file BG2B0011 DRO D503-72-2 Transcription). The contract specifies the contractor must bare the top of the limestone rock and remove a minimum of 100,000 cubic yards to be excavated within a twelve month period and specifies the area to be used for the soil etc. excavated.

### **2.34 D503/73-1 Map showing Butterley Co. properties 1900 on**

Photograph Folder: BG5K (BG5K0264.... to BG5K0266....).

This map shows the land owned by, sold by, leased to and leased by the Butterley Company in 1900. The colour coding on the photographs is as:-

Pink	-	Land owned by the Butterley Co.
Red	-	Land and Property sold by the Butterley Co.
Blue striped	-	Land leased by the Butterley Co.
Red striped	-	Land leased to various authorities.

Only the area around Crich, Fritchley and Bullbridge has been photographed. The map extends to the east of Ripley and the Butterley estate.

### **2.35 D503/74/2 Map of Lord Scarsdale's land at Crich 1856**

Photograph Folder: BG5K (BG5K0267.... to BG5K0270....).

This volume comprises of a letter dated 19 March, 1856 from John Chambers, Alfreton to the Butterley Co. and a map showing the railway from the Warner Quarry to the Amber Wharf and the lands either solely owned or co-owned by Lord Scarsdale which the railway uses. The letter appears to relate to the proposed new railway, presumably to the Hilts quarry, and the amount of land the proposed railway will make use of.

The first two photographs (A & B) show the letter and the last two photographs (C & D) show the map - southern part and northern part. The land marked in pink represents sole ownership by Lord Scarsdale, the

land marked in green represents Lord Scarsdale having a one third share and the land marked in yellow represents Lord Scarsdale having a one half share.

See also D216/ES1/1/8.

### **2.36 D503/75/10 Plan of land at Hilts quarry 1885**

Photograph Folder: BG5K (BG5K0272 D503-75-10).

A tracing of plan of the area in and around the Warner and Hilts quarries dated 1885. The tracing shows the railway entering the quarries and the various sidings in the Hilts quarry to get wagons to the rock face.

### **2.37 D503/82/25 Roll of honour for Butterley Co employees 1914**

Photograph Folder: BG5K (BG5K0279.... to BG5K0280....).

The volume is the roll of honour for the employees who joined the army to fight in the 1914-18 war. The volume is sub divided into the various parts of the Butterley Company and one section is for the lime works. This section lists 21 employees at the lime works who left to join the army between August 1914 and October 1914. The record shows 4 were killed in action and three returned wounded.

### **2.38 D503/95/6 Historical notes on Butterley Co 1900 on**

Photograph Folder: BG5K (BG5K0283.... to BG5K0284....).

These typed notes by John Hayes were prepared in the late 1940s to assist Mottram with the proposed publication - "Through Five Generations". The notes include reference to the early quarry, the railway and the lime kilns at Bullbridge.

### **2.39 D503/96/3 A visit to the Butterley Co. works 1886**

Photograph Folder: BG5K (BG5K0285.... To BG5K0286....).

This volume is a reprint of a short article from the March 1886 edition of Machinery Market. The article contains a brief description of the Bullbridge lime works including the railway and mentions the "coffee pot" engines.

### **2.40 D503/96/10 The Butterley Co. coal & iron works 1792-1816**

Photograph Folder: BG5K (BG5K0287.... to BG5K0292....).

This volume is a reprint of the paper titled, "The Butterley Coal and Iron Works 1792 - 1816, from the 1965 publication of the Derbyshire Archaeological Society. The paper includes details of the employment agreements for workers at the lime works and the contracts given to individual entrepreneurs for getting the limestone (John Chilton) and for buying the limestone and carrying it away on the canal (Joseph Wilkes).

#### **2.41 D5974/3/1 Original Letter Book 1795 - 1801**

Photograph Folder: BG5K (BG5K0307.... to BG5K0309....).

This volume is the original letter book covering the years 1795-1801. The typed extracts in D503/12/1 have been copied from this original volume. Those extracts do not include the letter from Outram to John Chilton in 1797 pointing out the agreement made between them for getting limestone at Crich (100 tons per day) and the poor performance in achieving this output. The letter is referred to in the Derbyshire Archaeological Society paper in 1965.

There are also two letters relating to getting limestone on the Sheffield Hospital estate in Crich.

#### **2.42 D5974/3/2 Original letter book 1860-1885**

Photograph Folder: BG5K (BG5K0315 D5974-3-2-P610).

This volume is one of the surviving original letter books covering the years 1860 to 1885. The only letter found of any relevance is the letter from John Alleyne (Butterley Co. manager) to George Bates (Limestone works manager) in 1875 relating to providing Bates with additional commission for increasing sales.

#### **2.43 D5974/4/1 Statement of Butterley Co. Accounts March 1814.**

Photograph Folder: BG5K (BG5K0310.... to BG5K0314....).

This ledger details the various internal accounts of the Butterley Co. for the year ending March 1814. The farm, Crich limestone works, stock and P/L accounts show a number of entries as follows:

Limestone delivered to Butterley Co. during the period April 1813 to March 1814 5,029 tons at a cost of £913 - 12s - 5d.



Value of lime sold from Butterley kilns £462 - 11s - 9d.  
Value of lime used on farm £37 - 4s - 0d.

Paid to Mr Brunton £380 - 2s - 11d and travelling expenses of  
£68 - 1s - 0d.

Value of hay and corn sent to Crich works from farm £191 - 0s - 1d.

By wear and tear of horses at Crich £60 - 0s - 0d.

#### **2.44 D5974/5/1 Accounts ledger for lime works 1793-1800**

Photograph Folder: BG5K (BG5K0316.... to BG5K0325....).

This ledger covers the years 1793 to 1800 and details the various accounts with connections to the Crich works. The folios of specific interest are:-

F4	-	Mr George Young, Crich
F8	-	James Turton, Crich
F40	-	Samuel Leam
F65	-	William Leam and Isaac Harrison
F73	-	Outram & Co.
F105	-	John Crofts
F129	-	Outram & Co.
F150/F165	-	Outram & Co.
F170	-	Outram & Co.
F182	-	Edward Banks

This latter account shows Outram providing Banks with stoves for his canal boats prior to Banks being awarded the contract to operate the quarry, gangroad and lime works.

F40 and F65 show the annual rents for the land used for the gangroad.

F8 (James Turton) shows gunpowder amount for Crich quarry and nails for the gangroad.

#### **2.45 D5974/6/1 Cash Book 1800-1822**

Photograph Folder: None.

This cash book has very little relevant detail but does include a payment to Joseph Lynam for the rent of land for the gangroad in May 1801 of 11 shillings. There also payments to Edward Banks in

July 1801 of £20 - 5s - 0d and £12 - 0s - 0d but no detail as to what these payments were for.

**2.46 D5974/7/1 Day Book 1809-1814**

Photograph Folder: BG5K (BG5K0326.... to BG5K0327....).

This book details goods being provided to Joliffe and Banks in 1809 including wagons, axles and coupling chains.

**2.47 D5974/9/5 Lime Kilns salaries book 1925-1935**

Photograph Folder: BG5K (BG5K0328 D5974-9-5).

This book details the monthly salary payments made to three employees at the lime works - J P Hamilton (manager), J J Parkin and S Allsop.

**2.48 D6367/1/86 Photograph of lime kilns at Bullbridge 1950 on**

Photograph Folder: BG5K (BG5K0337 D6367-1-86).

The D6367-1 folder contains a number of railway photographs, many of the CHPR and a small number of Bullbridge. D6367-1-86 shows three lime kilns at Bullbridge in a derelict state after closure of the works.

**2.49 D6367/1/96 Photograph of Bullbridge 1950s**

Photograph Folder: BG5K (BG5K0332 D6367-1-96).

This folder is of minor relevance and includes various photographs of Bullbridge. This particular photograph is of the canal aqueduct looking back to the lime works and shows the lime works manager's house in the background.

**2.50 Q/AM/4/1 Petition for a gunpowder magazine 1827**

Photograph Folder: BG5K (BG5K0333.... to BG5K0336....).

This volume comprises the original application from John Wright and William Jessop trading as the Butterley Co. to the Derbyshire Quarter Sessions on 24 April, 1827 to a magazine for storing the unlimited quantity of gunpowder in a building appropriated for that purpose on the premises of Joseph Mather (one of the company's agents at a place

called Amber Wharf). MR Mather will the proposed magazine is more than a mile away from a market town or parish church and that notice of intention to make this application has been given to the overseers of the poor of the parish of Crich and has also been read on the Sunday next after 25 March in the parish church of Crich immediately after divine service.

However no plan is included as to where the gunpowder store will be located at the Amber Wharf.

### **3. General Information**

#### **3.1 D3772/E52/10/42 & D3772/E52/10/43 Letter NMR and Strutt 1843**

These two volumes include a letter between Strutt and NMR and a tracing of the map showing the proposed Midland Railway line from Derby to Leeds through Bullbridge. (Photograph BG5K0306 D3772-E52-10-43).

#### **3.2 D503/12/2 93 Butterley Co. letters 1799-1846**

This volume comprises of 93 original letters from Jessop, Outram and others covering the period 1799 to 1846 but there are no specific references to our gangroad. For general information two letters may be of interest. One from B. Outram to Mr Goodwin at the Butterley works re gang rails for the Southwark Bridge company showing diagrams of the cross section of rails (Croydon Rail) very much like the drawing in D503/57/2. The second one from Jessop to Mr Brunton requests him to attend a meeting in Abergavenny. (Photographs BG5K0057.... to BG5K0062....).

#### **3.3 D503/28/1 Ledger showing formation of Butterley Co. 1796-1856**

This volume is a financial ledger book detailing share capital provided by Beresford, Outram, Jessop and Wright to set up the company in 1796. Details of the overall profit for the company up to 1856 are also included. See photographs BG5K0397.... to BG5K0399....).

#### **3.4 D503/51/1 Butterley Co. forge book 1824-1874**

This volume comprises of the forge book for the Butterley Co. for the period 1824 to 1874. The book includes a comparison of prices of various

goods and even details of various elections throughout the period. There is one entry dated 1855 detailing the cost of a lime truck (see photograph BG5K0323 D503-51-1).

### **3.5 D503/58/1 - Letter to Wandsworth re new railway 1805.**

This volume comprises of a letter dated July 2, 1805 from Joseph Outram Jnr to the Committee at Wandsworth outlining a proposal to make a double cast iron railway from the basin at Wandsworth to Croydon. (see photographs BG5K0236.... to BG5K0238....).

### **3.6 D503/68/8 Accounts for new trucks and repairs to trucks 1902**

The accounts show at a high level the cost of repairs to lime trucks for six months from October 1901 to March 1902 was £71-14s-10d. The summary shows 20 x 10 ton lime trucks and 54x 6 ton lime trucks, presumably made or repaired during the period.

The cost of making up 24 new lime trucks for the same six months was £1593-11s-10d at an average cost of £66-8s-0d.

### **3.7 D503/78/3 Butterley Co. specification for railways 1833**

This volume contains the patent Jessop took out for the improvements in constructing railways. The text and attached diagram show the rails, chairs, pedestals, joints and sleepers. (see photographs BG5K0273 D503-78-3-A thru BG5K0276 D503-78-3-D).

### **3.8 D503/82/3-24 Employee agreements 1823-1879**

This volume contains specific employee agreements for engine smiths, furnace bricklayers etc. but nothing specific relevant to the Crich works. One specific agreement has been photographed (BG5K0277 D503-82-3) and a transcript has been included in the People document. A second agreement has been photographed (BG5K0278 D503-82-23) and details the railway rules for cleaning.

### **3.9 D503/96/6 “In search of Outram’s tramway” 1953**

This is a copy of the article by Eric Potter titled “In search of the Outram Railway” and relates to the Little Eaton Gangroad.

### **3.10 D503/97/4 Outram Pedigree 1900**

This family tree for the Outram family of Alfreton, Derbyshire was compiled by F.C. Corfield in August 1900 (see photograph BG5K0410 D503-97-4).

## **4. No relevance to the project**

### **4.1 D369/G/ZP/589 Photograph of Stephenson line 1950s**

A photograph of the Clay Cross Co. railway at Crich looking up through the bridge at the two tracks ascending the “Steep” (photograph BG5K0003 D369-G-ZP-589).

### **4.2 D3772/E52/10/23 Deed of Covenants, Strutt and NMR 1843**

Deed of covenant relating to the bridges and water courses on the NMR railway between Belper and Duffield.

### **4.3 D503/14/3-36 Managing Director’s reports 1914-1947**

These volumes cover the managing director’s report at each year end covering the years 1914-1947. Unlike the earlier end of year reports, these reports only include high level financial information for the annual board meeting.

### **4.4 D503/35/1-2 Copies of entries in cash book 1790**

This volume comprises of two photographs of a cash book which do not appear to have any relevance to our work. Photographs taken for completeness - see photograph BG5K0408 D503-35-1 and BG5K0409 D503-35-2.

### **4.5 D503/37/3 Butterley Co. capital and plant accounts 1934-1942**

High level capital accounts for the period 1934-1942 showing one line entries for property sales following the closure of the limestone works. Same property sales shown in D503/37/1.

### **4.6 D503/43/1-6 Butterley Co. Production account books 1885-1934**

These volumes detail the high level production accounts for the Butterley Iron works only.

#### **4.7 D503/67/2 Schedule/valuation of Butterley Co. property 1834**

A draft copy of D503/67/1.

#### **4.8 D503/67/3-6 Valuation of the Butterley Co. works 1897-1899**

A valuation of the Butterley Works at Ripley undertaken between 1897 and 1899. The valuation does not include the Crich limestone and lime works.

#### **4.9 D503/68/6 Valuation of Butterley Co. railways 1873**

A valuation of the Butterley Company railways on the Butterley estate and east of Ripley. The railway at Crich is not included in the valuation.

#### **4.10 D503/69/2 Butterley Co. land rentals 1940-1970**

The volume contains brief details of land rentals from 1940 to 1970. There is reference to the The Tors and Cross Farm (Joseph Smith) at Crich (Photograph BG5K0252 D503-69-2).

#### **4.11 D503/69/3 Butterley Co. farm costs/rents 1949-1971**

This volume contains farm rentals from 1951 to 1970 but there are no rentals in the Crich area. Waterloo farm at Ambergate is the nearest property to Crich listed.

#### **4.12 D503/69/7 Draft valuation of Butterley Co. property in Crich 1880**

A valuation of property and land at Crich in 1880 including a saddlers shop, 3 cottages, a grocers, a farm house and 16.5 acres of land @ £2 per acre. Total valuation £1925.

#### **4.13 D503/69/10 Land at Crich and Ambergate ex Stephenson 1890**

The document relates to land at Crich and Ambergate. The fields Top Meghorn and Bottom Meghorn at Crich and two fields at Ambergate are valued at £450.

#### **4.14 D503/74/17 Plan of estates of W.N. Harris at Crich 1890**

The document contains a plan of land, north of the Oakerthorpe Road, owned by W.N. Harris.

#### **4.15 D503/74/31 Plan of land at Crich 1890**

The document contains a plan of land in Crich detailing the Top and Bottom Meghorn fields (Chadwick Ric and Bilberry Hill).

#### **4.16 D503/75/5 Plan of land at Plaistow, Crich 1876**

The document contains a plan of land around Ten Acres Lane, Plaistow (Photograph BG5K0271 D503-75-5).

#### **4.17 D503/89/1 Prices of cast iron goods 1801**

This volume comprises of a single printed sheet showing the price of cast iron goods as at January 1st 1801. This appears not to have any relevance to our work as it does not include the price of gang rails etc. See photographs BG5K0281 D503-89-1-A and BG5K0282 D503-89-1-B.

#### **4.18 D503/95/1-4 Documents relating to BC “Through Five Generations.”**

The volume includes letters and draft chapters being prepared for the publication of a book “Through Five Generations” written by R.H. Mottram in 1950. Most of the information relates to the collieries and the Butterley works.

#### **4.19 D503/95/5 Documents relating to printed history of BC 1946**

The volume includes letters and draft chapters being prepared for the publication of a book “Through Five Generations” written by R.H. Mottram in 1950. Most of the information relates to the collieries and the Butterley works.

#### **4.20 D503/96/1 Article from “Penny Magazine” 1844**

A copy of an article from an edition of the Penny magazine in 1844 detailing “A day at the Butterley works”. There is no mention of the works at Crich and Bullbridge.

#### **4.21 D503/99/14 Copy of extracts from early accounts 1790-1797**

This volume comprises of a small original cash book with only a small number pages which do not appear to have any relevance to our work. Photographs taken for completeness (see photographs BG5K0293.... to BG5K0295....).

#### **4.22 D5974/9/11 Codnor park employees 1919-1923**

A list of employees and their ages for the years 1919-1923 at the Codnor Park works.

#### **4.23 D6367/1/92-94 Bullbridge photographs 1950s**

Photographs of a Midland Railway Co, sign at Bullbridge beneath the Cromford Canal aqueduct and of the Canal Inn at Bullbridge (photographs BG5K0329.... to BG5K0331....).

#### **4.24 D6413/1/560 Railway plan 1893**

A map showing the Stephenson line from the Ambergate lime works to Crich Stand and the surrounding land purchases.

#### **4.25 Q/SB/9/204 Footpath diversion in Fritchley 1860**

Notice of the footpath diversion in Crich following the re-alignment of the Whatstandwell to Crich turnpike road as the road enters the village (see photograph BG5K0336 Q-SB-9-204).