

**GAS MAINS REPLACEMENT
BROADWAY
WORCESTERSHIRE**

ARCHAEOLOGICAL WATCHING BRIEF

For

MORRISON UTILITY SERVICES


CA PROJECT: 3258
CA REPORT: 11032
WSM: 42458

FEBRUARY 2011

GAS MAINS REPLACEMENT BROADWAY WORCESTERSHIRE

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WSM 42458

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date	22 February 2011
checked by	Richard Young, Project Manager
date	23 February 2011
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signed	
date	23 February 2011
issue	01

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SUMMARY

Project Name: Gas mains replacement
Location: Broadway, Worcestershire
NGR: SP 0961 3757
Type: Watching Brief
Date: 11 – 13 October 2010
Location of Archive: To be deposited with Worcestershire County Museum
Accession Number: WSM 42458
Site Code: BMR10

An archaeological watching brief was undertaken by Cotswold Archaeology during groundworks associated with the replacement of a gas main within the centre of Broadway, Worcestershire.

No features or deposits of archaeological interest were observed during groundworks, and no artefactual material pre-dating the modern period was recovered.

1. INTRODUCTION

- 1.1 In October 2010 Cotswold Archaeology (CA) carried out an archaeological watching brief for Morrison Utility Services at Broadway, Worcestershire (centred on NGR: SP 0961 3757; Fig. 1). The watching brief was undertaken at the request of Mr Mike Glyde, Historic Environment Planning Advisor, Worcestershire Historic Environment and Archaeological Service (WHEAS). The objective of the watching brief was to record all archaeological remains exposed during the development. This report presents a factual account of the watching brief results.
- 1.2 The watching brief was carried out in accordance with a detailed *Written Scheme of Investigation* (WSI) produced by CA (2010) and approved by Mr Glyde. The fieldwork also followed the *Standard and Guidance for an archaeological watching brief* (IfA 2008), the *Requirements and Guidelines for Archaeological Project in Worcestershire* (WHEAS 2003), the *Management of Archaeological Projects 2* (English Heritage 1991) and the *Management of Research Projects in the Historic Environment (MORPHE): Project Manager's Guide* (English Heritage 2006).

The site

- 1.3 The proposed development area comprises an alley adjacent to the Lygon Arms Hotel immediately to the north of the High Street, Broadway, Worcestershire (Fig. 2). The site lies at approximately 100m AOD.
- 1.5 The bedrock geology is mapped as Charmouth Mudstone Formation (formerly Lower Lias) of the Jurassic era, overlain by Head (Gravel, sand, silt and clay) of the Holocene (BGS 2010). This was encountered within one trench.

Archaeological background

- 1.6 There is no record of any previous archaeological interventions relating to the original installation of the gas pipeline. The route of the pipeline passed through the medieval urban core of Broadway (WSM 29073) centred on High Street, Springfield Lane and Church Street. Tenement plots are recorded to the north (WSM 177729; WSM 17737) and south (WSM 177730) of the High Street, and to the east (WSM 177739) and west (WSM 177734) of Church Street. The medieval road system

(WSM 177733) extended south along Church Street, to the west of which lies the 14th-century Abbot's Grange, a Grade II* Listed building formerly associated with the Benedictine Order (VCH 1924; WHER ref WSM 01292).

- 1.7 An archaeological evaluation took place in 1990 to the west of Church Street in close proximity to the Grange. Works comprised a geophysical survey (WHER ref WSM 30064) followed by evaluation trenches (WHER ref WSM 29557). The geophysical survey identified seven areas of anomalies indicative of potential archaeological remains (GS 1990), and a subsequent evaluation identified medieval deposits, comprising a cut linear feature, limestone rubble, a small rectangular feature and two substantial limestone walls (HWCAS 1990). Finds included small quantities of medieval pottery and butchered cow and horse bones. Three post-medieval drains were also identified. These features were all recorded in close proximity to the Grange.
- 1.8 Excavations to the south of High Street in 1997 (WSM 24600) recorded limited evidence of late medieval and post-medieval occupation of the tenement plots (OA 1997). To the north of High Street an evaluation (WSM 30074) recorded post-medieval evidence indicating intensive activity behind the street frontage (WCCAS 2000).
- 1.9 Ridge and furrow earthworks recorded beyond the tenement plots to the east of Church Street (WSM 10062) and south of High Street (WSM10074) reflect the extent of the agricultural hinterland of the medieval town.
- 1.10 Cropmarks (WSM 01862) indicative of a possible field system are recorded to the west of Church Street. These marks appear to represent rectilinear enclosures, potentially of prehistoric or Roman date.
- 1.11 The street frontage of Church Street and High Street includes a number of Listed Buildings, including the Grade II* Listed Bannitts (WSM 16892), Lygon Arms Hotel (WSM 01305), Farnham House (WSM 01307).

Methodology

- 1.7 The fieldwork followed the methodology set out within the WSI (CA 2010). An archaeologist was present during intrusive groundworks which comprised the

excavation of service trenches to enable the replacement of the existing gas main (Fig. 2).

- 1.8 Written, graphic and photographic records were compiled in accordance with CA Technical Manual 1: *Fieldwork Recording Manual* (2007).
- 1.9 The archive and artefacts from the evaluation are currently held by CA at their offices in Kemble. The site archive will be deposited with Worcestershire County Museum under accession number WSM 42458. A summary of information from this project, set out within Appendix B, will be entered onto the OASIS online database of archaeological projects in Britain.

2. RESULTS (FIG 2)

- 2.1 Four trenches were observed during the works. All the trenches were excavated within an area previously disturbed by the insertion of the existing gas main. The natural geological substrate, consisting of yellow sand and sandstone, was only observed within Trench 1 (103), and was revealed at 0.4m below present ground level (bpgl). This was overlain by a pale grey silt 102, 0.3m thick, which was in turn sealed by tarmac. Within Trenches 3 and 4 the current works did not exceed either the width or the depth of the pre-existing disturbance, and therefore only modern backfilling was observed.
- 2.2 A modern brick wall 202 was observed within the western face of Trench 2. This extended 0.6m bpgl and was overlain by a concrete raft 201. No other deposits other than the original backfilling material 203 was observed, and the trench did not extend outside of the cut for the insertion of the original service.

3. DISCUSSION

- 3.1 Despite the archaeological potential of the application area (see archaeological background above), the watching brief identified no archaeological remains apart from brick wall 202, the function of which cannot be ascertained within such a small intervention. The absence of any further archaeological deposits is because the current works were undertaken within the width of the existing disturbance.

4. CA PROJECT TEAM

Fieldwork was undertaken by Jamie Wright. The report was written by Kelly Saunders. The illustrations were prepared by Peter Moore. The archive has been compiled by Kelly Saunders, and prepared for deposition by James Johnson. The project was managed for CA by Richard Young.

5. REFERENCES

BGS (British Geological Survey) accessed 8.10.10

http://maps.bgs.ac.uk/geologyviewer_google/googleviewer.html

CA (Cotswold Archaeology) 2010 *Gas Main Replacement, Broadway, Worcestershire: Written Scheme of Investigation for an Archaeological Watching Brief*

Geophysical Surveys (GS) 1990 *Geophysical Survey - Abbot's Grange, Broadway*

Hereford and Worcester County Archaeological Service (HWCAS) 1990 *Evaluation at Abbot's Grange, Broadway*

Oxford Archaeology (OA) 1997 *Church Lane/High Street Broadway, Hereford and Worcester - Archaeological Excavation Report*

Worcestershire County Council Archaeological Services (WCCAS) 2000 *Archaeological Evaluation at the Gordon Factory Site, Broadway*

APPENDIX A: CONTEXT DESCRIPTIONS

Trench 1

No.	Type	Description	Length (m)	Width (m)	Depth (m)	Spot-date
101	Layer	Tarmac			0.1	
102	Layer	Pale grey silt, possible original ground surface			0.3	
103	Layer	Natural Substrate: Pale yellow brown sand and sandstone				

Trench 2

No.	Type	Description	Length (m)	Width (m)	Depth (m)	Spot-date
201	Layer	Concrete raft			0.27	
202	Wall	Brick wall exposed in side of trench. Stretcher bond. Machine made modern bricks.			0.6	
203	Deposit	Mixed sand, clay and modern rubble. Fill of existing service trench			>0.53	

Trench 3

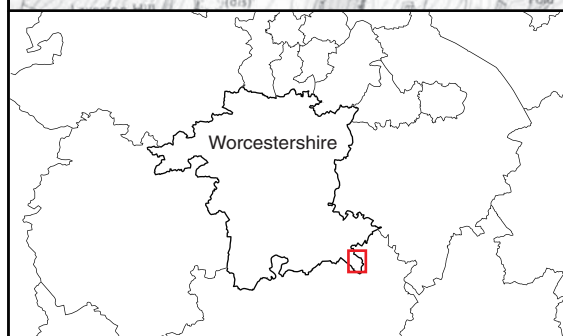
No.	Type	Description	Length (m)	Width (m)	Depth (m)	Spot-date
301	Layer	Tarmac			0.12	
302	Deposit	Mixed sand, clay and modern rubble. Backfill of original service trench			>0.88	

Trench 4

No.	Type	Description	Length (m)	Width (m)	Depth (m)	Spot-date
401	Layer	Tarmac			0.14	
402	Deposit	Mixed sand, clay and modern rubble. Backfill of original service trench			>0.86	

APPENDIX B: OASIS REPORT FORM

PROJECT DETAILS		
Project Name	Gas main replacement, Broadway, Worcestershire	
Short description (250 words maximum)	<p>An archaeological watching brief was undertaken by Cotswold Archaeology during groundworks associated with the replacement of a gas main within the centre of Broadway, Worcestershire.</p> <p>No features or deposits of archaeological interest were observed during groundworks, and no artefactual material pre-dating the modern period was recovered.</p>	
Project dates	11-13 October 2010	
Project type	Watching Brief	
Previous work	None	
Future work	Unknown	
PROJECT LOCATION		
Site Location	Broadway, Worcestershire	
Study area (M ² /ha)	c. 7.5m ²	
Site co-ordinates (8 Fig Grid Reference)	SP 0961 3757	
PROJECT CREATORS		
Name of organisation	Cotswold Archaeology	
Project Brief originator	WHEAS	
Project Design (WSI) originator	Cotswold Archaeology	
Project Manager	Richard Young	
Project Supervisor	Jamie Wright	
MONUMENT TYPE	none	
SIGNIFICANT FINDS	none	
PROJECT ARCHIVES	Intended final location of archive	Content
Physical	n/a	n/a
Paper	Worcestershire County Museum WSM 42458	Pro forma recording sheets
Digital	n/a	n/a
BIBLIOGRAPHY		
<p>CA (Cotswold Archaeology) 2011 <i>Gas main replacement, Broadway, Worcestershire: Archaeological Watching Brief</i>. CA typescript report 11032</p>		



COTSWOLD ARCHAEOLOGY

PROJECT TITLE

**Gas works replacement, Broadway
Worcestershire**

FIGURE TITLE

Site location plan

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PJM

SCALE

1:25,000@A4

PROJECT NO.

3258

FIGURE NO.

1



COTSWOLD ARCHAEOLOGY

PROJECT TITLE

Gas mains replacement, Broadway
Worcestershire

FIGURE TITLE

**The site, showing location of
observed groundworks**

DRAWN BY

PJM

SCALE

1:500@A4

PROJECT NO.

3258

FIGURE NO.

2