

Site/Project Name: **A2 Pepperhill to Cobham Hever Court watching brief**

Site Code: A2 PC 06

Site/Project Type: Watching brief

Year(s): 2008

Accession Number: n/a

Record Group	Contents	Comments	Box/File Number
	<b>INTRODUCTION</b> Proposal for mitigation of demolition of Hever Court Subway	5 sheets	Box 1 file 1
A	<b>DRAFT REPORT</b> Draft report (no figure) later subsumed into main publication report	4 sheets	Box 1 file 2
B	<b>SITE DIARY</b> Watching brief record sheets 08-09-08 to 24-09-08	7 sheets	Box 1 file 3
B	<b>PRIMARY CONTEXT DATA</b> Context checklist nos. 16000-16010 Context sheets 16000-16010	1 sheets as numbered	Box 1 file 4
B	<b>CATALOGUE OF DRAWINGS</b> Plan list	1 sheet	Box 1 file 5
B	<b>PRIMARY DRAWINGS</b> Skanska drawings for Hever Court Subway demolition & treatment of redundant A2 Site plan no. 2601	2 A3 sheets 1 A4 sheet	Box 1 file 6
D	<b>CATALOGUE OF PHOTOGRAPHS</b> B/W index for film 311 Digital image index	1 sheet 1 sheet	Box 1 file 7

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A2 REPPORHILL TO CASBHAM

A2 PL 06

HEWER COURT SUBWAY

INTRODUCTION

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## **A2 Pepperhill to Cobham Widening Scheme, Kent**

### ***HEVER COURT SUBWAY DEMOLITION PROPOSAL FOR ARCHAEOLOGICAL MITIGATION***

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## SUMMARY

*This document considers the potential archaeological impact of the proposed demolition and landscaping of the Hever Court subway across the old A2. The old A2 is believed to follow the line of Roman Watling street, although its exact line through the area of the scheme is unknown. Landscaping of areas either side of the subway may also reveal, and possibly damage, archaeological features surviving below the old A2. A proposal for archaeological mitigation is then described.*

## 1 INTRODUCTION

### 1.1 Location and scope of engineering work

- 1.1.1 The proposed improvements comprise the downgrading of the old A2 between Pepperhill and Marling Cross junctions to a single lane road, and the creating of a landscape park.
- 1.1.2 As part of the decommissioning of the old A2 and landscaping, the Hever Court subway will be removed to a depth of c. 2.9 m. The details of the subway as built are shown on Figure 1. The location of the works, and the profile of the construction cut and cross-section of the existing Hever Court subway are shown on Figure 2 (Drawings 260860/11107) and Figure 3 (Drawing 260860/17701).
- 1.1.3 Along both carriageways this will be followed by landscaping of an area either side of the subway. In the southern (former London-bound) carriageway an area up to 20 m wide on either side will be stripped; on the northern (former coast-bound) carriageway a triangular area either side of the subway, rising from 2.6 m below existing ground level at the subway to the existing level at c. 55 m from the subway either side (Figure 2). The area covered by the landscaping on either side will be the whole width of the old carriageway (c. 25 m) at the base, and will narrow to the width of the new single-width roadway at the furthest point. The approximate area of landscaping will be c. 1450 sq. m. The new ground level will rise from 2.6 m below the level of the existing old A2 at the subway to existing ground level some 55 m from the subway on either side.
- 1.1.4 The uppermost 1 m below ground is likely to be construction material for the old A2. Below this, however, the truncated remains of archaeological deposits and features may survive.

## 2 ARCHAEOLOGICAL IMPLICATIONS

- 2.1.1 The old A2 is believed to follow the line of Roman Watling Street (Margary 1967; Hiscock 1969), and some evidence of Watling Street has been found at Springhead (CTRL section 2 report in progress) and at Canterbury. No archaeological recording was carried out when the subway was constructed, however, and the exact line of the Roman road through the area of the scheme (and indeed between Springhead and Rochester) is not known, nor whether anything of the Roman road or its associated drainage ditches or construction quarries survived. When the construction cut is emptied of backfill this may well expose the edge of the undisturbed deposits on either side. If anything of the Roman road survives below the later road, this too may be exposed.
- 2.1.2 Exposure of the sides of the construction cut may also reveal archaeological features of other dates. In the area of the coast-bound carriageway, a larger area will be



exposed in plan below the construction levels of the old A2. Although shallow features are very likely to have been removed completely by construction of the old A2, parts of the deeper ditches and pits may well survive. On the basis of previous archaeological discoveries close by, features of a variety of dates may be encountered as follows:

- 2.1.3 One or more Early Neolithic pits were found in the excavations in Site G in 2007. Late Neolithic-Early Bronze Age surface flint scatters were found on the line of the CTRL route, plus a pit 734 west of Church Road that contained worked flint debris and blades (Bull 2006, 4). Further struck flint of this date, and one possibly contemporary pit, were found during excavations in Site G (HA 2008b).
- 2.1.4 A Middle Bronze Age settlement enclosure was found in Site G, continuing to the north (HA 2008b).
- 2.1.5 Early Iron Age pits, ditches and four-post structures were found just to the west along the line of the new A2 route (HA 2008b, Site G), and another Iron Age ditch in Site H to the east (HA 2008a).
- 2.1.6 A cropmark site probably of later prehistoric and Roman date (now built over) lay a couple of hundred metres to the north (HA 2004, site OA 54).
- 2.1.7 The Hever Court subway lies just south-west of the medieval settlement of Singlewell. Alongside Church Road on the line of the CTRL was a group of 12th century features, and west of Church Road was a large pit, probably a quarry (Bull forthcoming). A medieval triple animal burial of probable 13th century date was found during excavations in Site H in 2007 (HA 2008a).

### **3 PROPOSED ARCHAEOLOGICAL MITIGATION**

#### **3.1 Scope of fieldwork**

- 3.1.1 The overall provision for archaeological mitigation is covered by the A2 Pepperhill to Cobham Widening Scheme - Archaeological Design (HA 2006, Skanska Document No. 260860/30008), which provides a detailed Method Statement for archaeological mitigation.
- 3.1.2 No specific archaeological mitigation proposals were set out for this in the Archaeological Design, because the extent of work was not known at the time.
- 3.1.3 The following change to the drawing (Figure 3) will be carried out. Following Demolition Stage 1 the slope of the original construction cut will be modified by removing the backfill either side of the subway walls down to the proposed ground level to enable access to the subway walls, rather than landscaping the whole of the area either side. This will prevent plant from tracking over the ground below the old A2, potentially damaging archaeological features.

- 3.1.4 An archaeological Watching Brief will be carried out upon the removal of the backfill from the construction cut, in case Watling Street lies below this part of the old A2. Should sensitive archaeological deposits or features be observed in the undisturbed edges of the construction cut, these will be recorded archaeologically and removed before demolition proceeds.
- 3.1.5 Otherwise, landscaping on either side of the subway should provide a better opportunity to observe any surviving archaeological features.
- 3.1.6 Demolition of the subway will then continue as proposed (Figure 3 Stages 3 and 4). No Archaeological Watching Brief is proposed during the demolition works, unless sensitive archaeological deposits such as burials, largely intact pots etc. are exposed, or unless demolition of the subway itself is likely to result in significant damage to any archaeological features exposed in the sides of the original construction cut.
- 3.1.7 At the completion of Demolition Stage 4, machine excavation for the landscaping of the surrounding area will commence under an Identified Archaeological Watching Brief. The methodology for this is detailed below.

## 3.2 Fieldwork methods and recording

- 3.2.1 Stripping will be carried out by machines using toothless buckets under archaeological supervision, and stripping will work away from the subway in either direction, ensuring that no plant tracks across the stripped surface until it has been signed off for construction by the archaeological consultant acting for the Highways Agency in agreement with Skanska.
- 3.2.2 Should archaeological features or deposits be encountered above the proposed final ground level, machine stripping will cease in that area until appropriate archaeological recording has been carried out. Should no archaeological deposits be encountered, stripping will continue until the proposed final base level for landscaping has been reached. Should archaeological features be encountered at that level, these will be recorded in accordance with the provisions of the Archaeological Design (HA 2006).
- 3.2.3 In accordance with the provisions of the Archaeological Design, section 5.5, archaeological remains of minor significance will be dealt with as work proceeds. Should the Roman road prove to survive, however, or should other significant archaeological remains be encountered, such that they require greater resources than those available under the Watching Brief, these will become a Discovered Archaeological Site. In this case the remains will be clearly marked, a site meeting with the Archaeological consultant acting for the HA and the Statutory consultees will be convened.
- 3.2.4 Should the remains be confirmed as significant, archaeological mitigation will become the subject of a Further Archaeological Design, to be followed by an agreed

programme of archaeological mitigation. Construction work will not proceed until any Further Archaeological Works have been carried out.

- 3.2.5 Archaeological recording will be carried out in accordance with the provisions of the Archaeological Design, sections 9.7 - 9.22.

#### **4 POST-EXCAVATION WORKS**

- 4.1.1 Should archaeological deposits be found during the Watching Brief, these will be written up for inclusion in the Academic Report, archived and prepared for deposition together with the results of the earlier archaeological excavations in accordance with the provisions of the Archaeological Design, section 10.

**APPENDIX 1 BIBLIOGRAPHY AND REFERENCES**

Bull, R, 2006 The Prehistoric, Roman and Medieval Landscape at Tollgate, Cobham, Kent (Archaeological Zone 4), CTRL Integrated Site Report Series, <http://ads.ahds.ac.uk/catalogue/projArch/ctrl>

Glass, H J, 1999 Archaeology of the Channel Tunnel Rail Link, *Archaeologia Cantiana* **119**, 189-220.

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Highways Agency, 2006 *A2 Pepperhill to Cobham Widening Scheme. Archaeological design*

Highways Agency 2008a A2 Pepperhill to Cobham Widening Scheme. Archaeological Works report for offline route chainage 7720-8000 (Site H), OXA/ARC/000/30038, report prepared on behalf of Skanska by Oxford Archaeology.

Highways Agency 2008b A2 Pepperhill to Cobham Widening Scheme. Further Archaeological Works report for offline route chainage 7300-7720 (Site G), OXA/ARC/000/30046, report prepared on behalf of Skanska by Oxford Archaeology.

Hiscock, R H, 1969 The Road Between Dartford, Gravesend and Strood. *Archaeologia Cantiana* **83** (1968), Kent Archaeological Society

Margary, I D, 1967 *Roman Roads in Britain*. John Baker. London.

OAU, 1992 *Field Manual* (ed. D Wilkinson).

Oxford Wessex Archaeology, 2006 Channel Tunnel Rail Link, Minor Works Contract URN-000-ARC-200, Springhead & Northfleet Updated Project Design, unpublished client report prepared by Oxford Wessex Archaeology on behalf of Rail Link Engineering.



AZ REPERHILL TO COBHAM

AZPC 010

HEVER COURT SUBWAY

A. DRAFT REPORT

PDF/A SCAN

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# A2 Pepperhill to Cobham Hever Court Subway

## *ARCHAEOLOGICAL WATCHING BRIEF REPORT*

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Fig. 1



## SUMMARY

*In September 2008 Oxford Archaeology (OA) carried out an archaeological watching brief at the site of the Hever Court Subway on the A2 widening scheme. The work was commissioned by SKANSKA. The watching brief revealed the original ground surface and the A2 road surface, which was in use until the c1960.*

### 1 INTRODUCTION

#### 1.1 Location and scope of work

1.1.1 In September 2008 Oxford Archaeology (OA) carried out an archaeological watching brief at the Hever Court subway on the A2 widening scheme. The work was commissioned by SKANSKA in respect of a planning application for the downgrading of the old A2 between Pepperhill and Marling Cross junction to a single lane road, and the creating of a landscape park.

1.1.2 A project brief was set by Tim Allen.

1.1.3 OA prepared a Written Scheme of Investigation detailing how it would meet the requirements of the brief.

#### 1.2 Geology and topography

1.2.1 The site lies on ground that has been made up to a height of 67.70m above OD. The site was part of the old A2 and until the start of the recent works was a tarmacadamed road.

#### 1.3 Archaeological and historical background

1.3.1 The archaeological background to the watching brief was prepared for the WSI for the project (OA, 2008) and is summarised below.

1.3.2 The old A2 is believed to follow the line of Roman Watling Street (Margary 1967; Hiscock 1969), and some evidence of Watling Street has been found at Springhead (CTRL section 2 report in progress) and at Canterbury. The exact line of the Roman road through the area of the scheme is neither known, nor whether anything of the Roman road or its associated drainage ditches or construction quarries survived.

1.3.3 One or more Early Neolithic pits were found in the excavations in Site G in 2007. Late Neolithic-Early Bronze Age surface flint scatters were found on the line of the CTRL route, plus a pit 734 west of Church Road that contained worked flint debris and blades (Bull 2006, 4). Further struck flint of this date, and one possibly contemporary pit, were found during excavations in Site G (HA 2008b).

1.3.4 A Middle Bronze Age settlement enclosure was found in Site G, continuing to the north (HA 2008b).

- 1.3.5 Early Iron Age pits, ditches and four-post structures were found just to the west along the line of the new A2 route (HA 2008b, Site G), and another Iron Age ditch in Site H to the east (HA 2008a).
- 1.3.6 A cropmark site probably of later prehistoric and Roman date (now built over) lay a couple of hundred metres to the north (HA 2004, site OA 54).
- 1.3.7 The Hever Court subway lies just southwest of the medieval settlement of Singlewell. Alongside Church Road on the line of the CTRL was a group of 12th century features, and west of Church Road was a large pit, probably a quarry (Bull forthcoming). A medieval triple animal burial of probable 13th century date was found during excavations in Site H in 2007 (HA 2008a).

#### 1.4 Acknowledgements

- 1.6.1 Oxford Archaeology would like to thank all the SKANSKA staff for their continued co-operation with this project.

## 2 PROJECT AIMS AND METHODOLOGY

### 2.1 Aims

- 2.1.1 To identify and record the presence/absence, extent, condition, quality and date of archaeological remains in the areas affected by the development.
- 2.1.2 To ascertain whether or not Roman Watling Street and its associated ditches survives beneath the old A2 and if so to record its location alignment and level of preservation.
- 2.1.3 To make available the results of the archaeological investigation.

### 2.2 Methodology

- 2.2.1 The landscaping was carried out by machines fitted with toothless ditching buckets under archaeological supervision. Landscaping worked away from the subway in either direction, ensuring that no plant tracks across the stripped surface until it had been signed off for construction by the archaeological consultant acting for the Highways Agency in agreement with Skanska.
- 2.2.2 A sample of the deposits encountered were planned at a scale of 1:100. A general photographic record of the work was made. Recording followed procedures detailed in the *OAU Fieldwork Manual* (ed D Wilkinson, 1992).

## 3 RESULTS

### 3.1 Description of deposits

- 3.1.1 Beneath the coastbound carriageway to the east of the subway, the natural, a reddish brown sandy clay (16008), was encountered at a depth of 65.366 m. This was overlain by the remains of a buried soil (16007). This in turn was overlain by the

make up layers (16005, 16006) for an older version of the A2 (16004), which was in use until 1960. This was found at a depth of 66.389 m above OD. The most recent A2 (16000) was constructed on top of the existing A2 with the road surface at 67.708 m above OD.

- 3.1.2 Beneath the coastbound carriageway to the west of the subway the original land surface was not encountered. The lowest deposit was a yellowish green sand (16009) make up layer, which was encountered at 65.510 m above OD. This in turn was overlain by the road make up layers for both phases of the old A2 as seen on the opposite side of the subway.
- 3.1.3 Beneath the Londonbound carriageway to the east side of the subway the only deposits seen were those which formed the make up layers (16001) for the most recent road surface (16000).
- 3.1.4 Beneath the London bound carriageway to the west of the subway the natural (16008) was encountered at a depth of xxx m above OD. This was overlain by a buried topsoil (16010), which was in turn overlain by the make up for the most recent A2.

#### 4 DISCUSSION AND CONCLUSIONS

- 4.1.1 Although no archaeology was encountered during the works from the deposits seen it is possible to draw the following conclusions.
- 4.1.2 Because it is known that Roman Watling Street was observed during the construction of the original A2 road surface (Margary 1967; Hiscock 1969) and the current works showed this surface to be under the coastbound carriageway of the recent A2, it can be surmised that the route of Watling Street, at least in part, followed the line of the old coastbound carriageway.
- 4.1.3 However, because the original ground surface was observed to the east of the subway under the coastbound carriageway and this was undisturbed, Watling Street either cannot have been sited beneath this portion of the A2 or was completely removed during the roads construction.

**APPENDICES****APPENDIX 1 ARCHAEOLOGICAL CONTEXT INVENTORY**

<b>Context</b>	<b>Type</b>	<b>Depth</b>	<b>Width</b>	<b>Comments</b>
<b>16000</b>	Surface	0.20 m	20.00 m	Road Surface
<b>16001</b>	Layer	0.60 m	20.00 m	Road Make Up
<b>16002</b>	Fill	2.00 m	20.00 m	Backfill
<b>16003</b>	Cut	2.00 m	3.50 m	Subway
<b>16004</b>	Surface	0.20 m	10.00 m	Road Surface
<b>16005</b>	Layer	0.20 m	10.00 m	Road Make Up
<b>16006</b>	Layer	0.13 m	10.00 m	Road Make Up
<b>16007</b>	Layer	0.15 m	4.00 m	Deposit
<b>16008</b>	Layer			Natural
<b>16009</b>	Layer	0.70 m	7.80 m	Road Make Up
<b>16010</b>	Layer			Buried Topsoil

**APPENDIX 3 BIBLIOGRAPHY AND REFERENCES**

- Allen, T, 2008 *A2 Pepperhill to Cobham Widening Scheme, Kent Hever Court Subway Demolition Proposal for Archaeological Mitigation* OAU
- Bull, R, 2006 The Prehistoric, Roman and Medieval Landscape at Tollgate, Cobham, Kent (Archaeological Zone 4), CTRL Integrated Site Report Series, <http://ads.ahds.ac.uk/catalogue/projArch/ctrl>
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**APPENDIX 4 SUMMARY OF SITE DETAILS**

**Site name:** A2 Widening Pepperhill to Cobham Widening Scheme, Kent

**Site code:** A2PC06

**Grid reference:** ???

**Type of watching brief:** ???

**Date and duration of project:** September 2008, 7 Days

**Area of site:** Hever Court Subway

**Summary of results:** No Archaeology was identified during the course of teh WB

**Location of archive:** The archive is currently held at OA, Janus House, Osney Mead, Oxford, OX2 0ES, and will be deposited with ???

**The illustrations in the report must include a site location and a plan of the areas surveyed. The OAU has a licence to reproduce OS maps for client reports, It is essential to provide the drawing office with: (i) a clean copy of the relevant OS map of suitable scale and (ii) the date of publication of the particular map to be used; it is a requirement of the licence agreement that the OS edition used/reproduced is indicated.**

**The grouping of plans and sections should relate to the description of features/deposits in the text. The choice of illustrations to include is a matter for judgement. The decision should be made on the basis of any specific requirements of the curator and the needs of the text. Remember it is often easier to illustrate a point than to attempt to describe it in words. Always discuss illustrations with the Graphics Office: they have vast experience of illustrating reports.**

A2 PETERHILL TO CUBTAM

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HEVERCOURT SUBWAY

B. SITE BURY



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# WATCHING BRIEF RECORD

SITE CODE **A2R006**

SITE NAME **A2 widening**

DATE **8 Sep 08**

NGR

County **Kent**

Start Time

**07-30**

Finish Time

~~07~~ **15-00**

Milage **216**

Previous Visit **N/A**

Visit By **LMP**

Type of construction work **Road building  
cycle Path / Park creation**

Contacts made **Gary Rogerson  
Cherl**

Archaeology present?

Yes:

No:

Undated:

Other:

## COMMENTS

- Induction 8-12
- Introduced myself to G.R. discussed plans for subway removal,
- Went onto site to observe work so far, no impact on arch or original ground surface.
- Agreed with T.M. to return later in week to check progress.
- Digi photos taken

Records? **Digi's**



# WATCHING BRIEF RECORD

SITE CODE **A2PC06**

SITE NAME **A2 Widening**

DATE **11 Sep 08**

NGR

County **Kent**

Start Time

**08.00**

Finish Time

Milage **108+**

Previous Visit **Y - 8 Sep 08**

Visit By **JMF**

Type of construction work **Road**

Contacts made **Rob Ford**

Archaeology present?

Yes:

No:

Undated:

Other:

## COMMENTS

- Arr 8am
- Checked progress, no impact on arch or original ground surface
- Discussed planned working methods & timescales
- V. little chance subways removal with impact on underlying arch, called T.A. 8.30 - left message
- Took more digi photos to show no impact
- Site admin + resident + observe working methods.

Records?



# WATCHING BRIEF RECORD

SITE CODE *ARPCWB*

SITE NAME *AR widening*

DATE *18 Sep 08*

NGR

County *Kent*

Start Time

*0800*

Finish Time

*1900*

Milage

*108*

Previous Visit

Visit By

*LMP*

Type of construction work

*Road scheme*

Contacts made

*G.R.*

Archaeology present?

Yes:

No:

Undated:

Other:

## COMMENTS

- Arr as requested by Gary Reagon @ 8 am
- Not ready for MR
- Eventually started machining at 15:15
- Found 1960's AR under AR2
- No significant Arch

Records?



# WATCHING BRIEF RECORD

SITE CODE **A2PCWB**

SITE NAME **A2**

DATE **19 Sep 08**

NGR

County

Start Time

**07:15**

**Kent**

Finish Time

**16:00**

Milage

Previous Visit

Visit By

Type of construction work

**road**

Contacts made

**Charl  
Gary**

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

**Started @ 7:15**

**- Mached to full depth, no arch below old A2**

**- Waited for Oca to drop off finds  
long day ~~again~~ again**

**- Finds received c 4pm, Dep 4:10pm**

Records?

**D191 Photos 1 Plan**



Oxford Archaeology

# DAILY JOURNAL

SITE CODE **A2PC06**

SITE NAME **A2 widening  
Hewar Court Subway**

DATE **22 Sep 08**

Project Manager  
**Tim Allen**

Visitors

Weather **Overcast**

Area stripped by plant: ..... m<sup>2</sup>

Plant type

**Task descriptions:**

Enter the number of staff days in increments of 0.5 (half) days for each of the tasks used during the day. If task 07 or 08 is used please describe the task done.

Task number and description	Staff days	Task number and description	Staff days
01 General supervision/management		02 Surface cleaning	
03 Planning		04 Surveying/levelling	
05 Excavation/recording		06 Machine supervision	
07 Other		08 Other	

**Standing time:** list numbers of hours for each member of staff and give full details

Name	Details
- Arr	8 am
-	Actually ready to start machining!
-	Est that old A2 exists to west of subway also, find drain cutting it.
-	More photos incl start of a section
-	Contexts for roads + layers.
-	Dep 18.30

Comments (continue on reverse if necessary)



# WATCHING BRIEF RECORD

SITE CODE *ARPC06*

SITE NAME *AR widening  
Hever Court Subway*

DATE *23 Sep 08*

NGR

County

Start Time

*07:30*

Finish Time

Milage

Previous Visit

Visit By

*LWP*

Type of construction work

*Road*

Contacts made

Archaeology present?

Yes:

No:

*X*

Undated:

Other:

COMMENTS

*Arr 7.30, no dumper due to rain*

*when work commenced*

*no arch id'd*

*Southbound west side completed*

*London bound east side started*

*Dep 18:30*

Records?

*Phular*



# WATCHING BRIEF RECORD

SITE CODE <b>A2 PC06</b>	SITE NAME <b>A2 widening Haver Court Subway</b>	DATE <b>24 Sep 08</b>
NGR	County	Start Time <b>07.30</b>
		Finish Time <b>16.30</b>
Milage	Previous Visit <b>-</b>	Visit By <b>MP</b>

Type of construction work

Contacts made

Archaeology present?

Yes:

No:

Undated:

Other:

COMMENTS

- Start 07.30
- London bound east side completed - all backfill & masonry
- " " west side commenced & completed
- And Rd removed
- site finished 16.30

Records?



AZ PEPPERHILL TO COBHAM

AZ PC 06

HEVER COURT SUBWAY

B. PRIMARY CONTEXT DATA

PDF/A SCAN

FILMING INSTRUCTIONS

Submitter OASouth

No. of copies: 2

Headings

Site information

Line 1: [OASouth] County[Kent] Parish:[A2 Pepperhill to Cobham]

Site[Hever Court Subway Watching brief ] Site code[A2PC 06]

Line 2: Excavators name[T Allen]

Line 3:

Classification of material

Tick if present

	Tick if present
Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	<input checked="" type="checkbox"/>
B: Site Data – Text: Synthesised Context Records	
B: Site Data – Text: Survey Reports	
B: Site Data – Text: Catalogue of Drawings	
B: Site Data – Text: Primary Drawings	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	





# CONTEXT RECORD

Context No.

16000

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE **Surface**

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.

Cut by:

Filled by:

Section No.

Same as:

CUT:

Co-Ordinates

Consists of:

Overlies: **(16001)**

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch 5. truncation 6. fill nos 7. other comments

Level

Butts:

MASONRY:

Slide No.

Cuts:

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond 5. form 6. faces  
7. bond 8. dimensions as found  
9. other comments

Neg No.

Fill of:

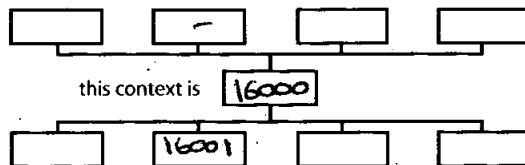
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

**Tarmac surface of road**  
**A2 laid c 1960's.**  
**Originally two 3 lane carriageways,**  
**now a single bike cycle track. Tarmac = 0.16m thick minimum.**



Interpretation/Discussion

**A2 road surface.**

**Finds (tick):** None  Pot  Bone  Flint  Stone  Burnt stone  Glass  Metal   
CBM  Wood  Leather

 Small FindsRecorder **JMP** SamplesDate **22 Sep 08** Building Materials

Initials



# CONTEXT RECORD

Context No.

16001

SITE A2PC06

ADDITIONAL SHEETS:

TYPE Dep

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.

Cut by:

Filled by:

CUT:

Section No.

Same as:

Part of:

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch 5. truncation 6. fill nos 7. other comments

Co-Ordinates

Consists of:

Overlies: (16002)

Level

Butts:

MASONRY:

Slide No. Digi 7020-7023

Cuts:

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond 5. form 6. face's  
7. bond 8. dimensions as found  
9. other comments

Neg No. 311: 1-7

Fill of:

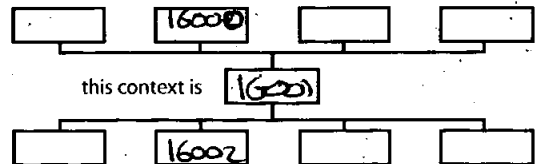
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

1) Compact



2) Mixed

3) Rubble

4) 0.6m thick

5) Beneath whole carriage way

6) Machine

Interpretation/Discussion

Make up material for modern A2, make

up consists of four rubble deposits, the lowest is a layer of black former rich material 0.14m thick. This is overlain by a layer of light brown stone rubble 0.18m thick, in turn overlain by a 0.18m thick dr. brown layer. The upmost make up deposit is a 0.14m thick grey rubble deposit.

Finds (tick): None[] Pot[] Bone[] Flint[] Stone[] Burnt stone[] Glass[] Metal[]  
CBM[] Wood[] Leather[]

△ Small Finds

Recorder MP

◇ Samples

Date 22 Sep 08

△ Building Materials

Initials



# CONTEXT RECORD

Context No.

16002

SITE A2PC06

ADDITIONAL SHEETS:

TYPE Fill

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div

Overlain by: 16001

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.

2601

Cut by:

Filled by:

Section No.

Same as:

CUT:

Co-Ordinates

Consists of:

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch 5. truncation 6. fill pos 7. other comments

Level

Butts:

MASONRY:

Slide No. Dig: 7001-7011

Cuts:

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond 5. form 6. faces 7. bond 8. dimensions as found 8. other comments

Neg No.

Fill of: 16003

Matrix location

Relationships uncertain

Description (See check lists):

- 1) Compact
- 2) Greyish white
- 3) Sand

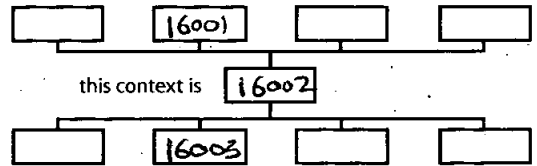
4) -

5) = 2m

6)

of Macheure

STRATIGRAPHIC MATRIX



Interpretation/Discussion

Sand backfill around edge of Hever Court

Subway.

Finds (tick): None [ ] Pot [ ] Bone [ ] Flint [ ] Stone [ ] Burnt stone [ ] Glass [ ] Metal [ ]  
 CBM [ ] Wood [ ] Leather [ ]

 Small Finds

Recorder

 Samples

Date

 Building Materials

Initials



# CONTEXT RECORD

Context No.

16003

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE **Cut**

Trench

Context Type: **Deposit / Cut / Structure**

Check Lists:

Site sub-div

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.

Cut by:

Filled by: **16002**

CUT:

Section No.

Same as:

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch 5. truncation 6. fill nos 7. other comments

Co-Ordinates

Consists of:

Overlies:

Level

Butts:

MASONRY:

Slide No. **D191 1-19**Cuts: **16004**

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond form 6. faces  
7. bond 8. dimensions as found  
9. other comments

Neg No.

Fill of:

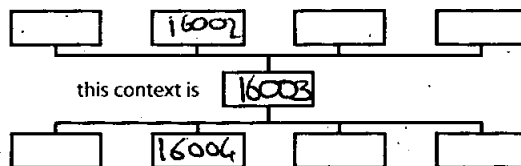
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) Linear
- 2) Vertical side flat base
- 3) 3.5m w. 2m d
- 4) | |
- 5) -
- 6) | |



Interpretation/Discussion

Cut for c1960's subway made of re-barred concrete.

Finds (tick): None[] Pot[] Bone[] Flint[] Stone[] Burnt stone[] Glass[] Metal[]  
CBM[] Wood[] Leather[]

 Small Finds
Recorder **LWP**
 Samples
Date **22 Sep 01**
 Building Materials

Initials



# CONTEXT RECORD

Context No. 16004

SITE A2P006

ADDITIONAL SHEETS:

TYPE Dep

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div

Overlain by 16002

DEPOSIT:

Structure No.

Abutted by:

- 1. compaction
- 2. colour
- 3. composition
- 4. inclusion
- 5. thickness
- 6. extent
- 7. comments
- 8. method & conditions

Plan No.

2601

Cut by: 16003

Filled by:

Section No.

Same as:

CUT:

Co-Ordinates

Consists of:

- 1. shape in plan
- 2. base/sides/top profile
- 3. dimension and depth
- 4. sketch
- 5. truncation
- 6. fill nos
- 7. other comments

Level

Butts:

MASONRY:

Slide No. D141 7020-7023

Cuts:

- 1. materials
- 2. size of bricks etc
- 3. finish of stones
- 4. coursing/bond
- 5. form
- 6. faces
- 7. bond
- 8. dimensions as found
- 9. other comments

Neg No.

Fill of:

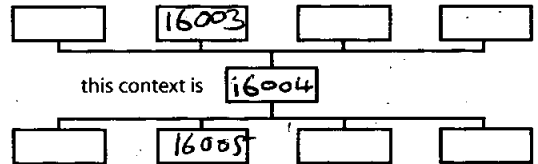
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) Hard
- 2) Black
- 3) Tarmac
- 5) 200 mm thick
- 6) 10m wide, c 50m stretch
- 8) Machine



Interpretation/Discussion

Tarmac road surface used till c 1960 - Old A2. A much narrower carriageway prob only one lane each way, no road markings remained. Cut through when Haver Court Subway put in, new road surface then laid on top of old. 16004 consists of up to 3 layers of tarmac which overlies concrete in places

Finds (tick): None  Pot  Bone  Flint  Stone  Burnt stone  Glass  Metal   
 CBM  Wood  Leather

△ Small Finds

Recorder LMP

◇ Samples

Date 22.5.08

△ Building Materials

Initials





# CONTEXT RECORD

Context No.

16005

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE **Dep**

Trench

Context Type: Deposit / ~~Cut~~ / Structure

Check Lists:

Site sub-div

Overlain by: **16004**

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.

**2601**

Cut by:

Filled by:

Section No.

Same as:

CUT:

Co-Ordinates

Consists of:

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch of truncation 6. fill nos 7. other comments

Level

Butts:

MASONRY:

Slide No.

**Digi 7020-7023**

Cuts:

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond 5. form 6. faces  
7. bond 8. dimensions as found  
9. other comments

Neg No.

Fill of:

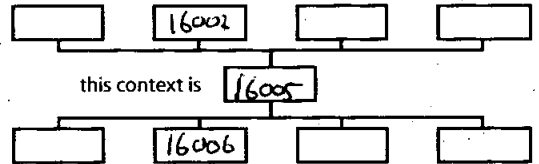
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) Compact
- 2) Black
- 3) Rubble stone crushed tarmac
- 5) 0.2m thick
- 6) 10m wide
- 8) Machine



Interpretation/Discussion

Rubble make-up layer for A2 road surface  
in use until 1960's.

Finds (tick): None  Pot  Bone  Flint  Stone  Burnt stone  Glass  Metal   
CBM  Wood  Leather

 Small FindsRecorder **LW** SamplesDate **22 Sep 08** Building Materials

Initials



# CONTEXT RECORD

Context No.  
**16006**

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE **Depos.**

Trench

Context Type: Deposit / ~~Cut~~ / Structure

Check Lists:

Site sub-div

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.  
**2601**

Cut by:

Filled by:

Section No.

Same as:

CUT:

Co-Ordinates

Part of:

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch 5. truncation 6. fill nos 7. other comments

Level

Consists of:

MASONRY:

Slide No. **Digi 7034-7035**

Overlies:

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond 5. form 6. faces  
7. bond 8. dimensions as found  
9. other comments

Neg No. **311: 8-9**

Butts:

Matrix location

Cuts:

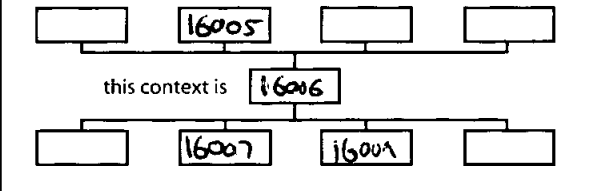
Fill of:

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) Soft
- 2) Greenish yellow
- 3) Clay
- 4) -
- 5) 0.13m thick
- 6) ~~seen~~ Seen in an area 4m x 3m
- 8) Machine



Interpretation/Discussion **Make up layer for Old AZ**

Finds (tick): None [ Pot [] Bone [] Flint [] Stone [] Burnt stone [] Glass [] Metal []  
CBM [] Wood [] Leather []

Small Finds

Samples

Building Materials

Recorder

Date

Initials



# CONTEXT RECORD

Context No.  
**16007**

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div

Overlain by: **(16006)**

DEPOSIT:

Structure No.

Abutted by:

- 1. compaction 2. colour
- 3. composition 4. inclusion
- 5. thickness 6. extent
- 7. comments 8. method & conditions

Plan No.  
**2601**

Cut by:  
Filled by:

Section No.

Same as:  
Part of:

- CUT:
- 1. shape in plan
  - 2. base/sides/top profile
  - 3. dimension and depth
  - 4. sketch 5. truncation 6. fill nos 7. other comments

Co-Ordinates

Consists of:  
Overlies: **(16008)**

MASONRY:

Level

Butts:

- 1. materials 2. size of bricks etc
- 3. finish of stones 4. coursing/bond
- 5. form 6. faces 7. bond 8. dimensions as found
- 9. other comments

Slide No. **Digi 7034-7035**

Cuts:

Neg No. **311-8-9**

Fill of:

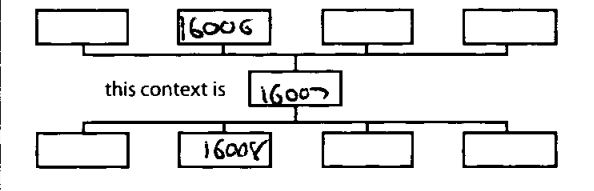
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) SH1E
- 2) Dr greyish brown
- 3) Silty clay
- 4) Mod stone, CBM, mod termac
- 5) 0.15m thick
- 6) Seen in an area 4m x 2.6m
- 8) Machine



Interpretation/Discussion

**Deposit between old A2 nave or layers, maybe just area left over original bsoil.**

Finds (tick): None  Pot  Bone  Flint  Stone  Burnt stone  Glass  Metal   
 CBM  Wood  Leather

- Small Finds
- Samples
- Building Materials

Recorder **JVP**  
 Date **22 Sep 06**  
 Initials



# CONTEXT RECORD

Context No.

16008

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE **Dep**

Trench

Context Type: Deposit / ~~Cut~~ / ~~Structure~~

Check Lists:

Site sub-div

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction
2. colour
3. composition
4. inclusion
5. thickness
6. extent
7. comments
8. method & conditions

Plan No.

**2601**

Cut by:

Filled by:

Section No.

Same as:

Part of:

CUT:

1. shape in plan
2. base/sides/top profile
3. dimension and depth
4. sketch
5. truncation
6. fill pos
7. other comments

Co-Ordinates

Consists of:

Overlies:

Level

Butts:

MASONRY:

Slide No.

**Digi 7074-35**

Cuts:

1. materials
2. size of bricks etc
3. finish of stones
4. coursing/bond
5. form
6. faces
7. bond
8. dimensions as found
9. other comments

Neg No.

**311: 8-9**

Fill of:

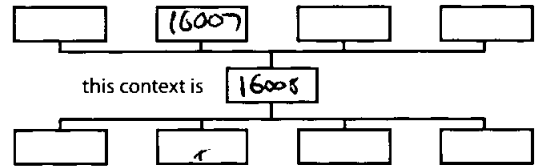
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) Silt
- 2) Yellowish brown
- 3) Sandy clay
- 4) - Chalk flecks, can embedded
- 5) At least 50mm (to loc)
- 6) Seen in an area 4m x 4.1m
- 8) Machine



Interpretation/Discussion

~~Prob~~ not ground surface,  
Natural

**Finds** (tick): None [ ] Pot [ ] Bone [ ] Flint [ ] Stone [ ] Burnt stone [ ] Glass [ ] Metal [ ]  
CBM [ ] Wood [ ] Leather [ ]

 Small Finds

Recorder

 Samples

Date

 Building Materials

Initials



# CONTEXT RECORD

Context No.

160089

SITE **A2PC06**

ADDITIONAL SHEETS:

TYPE **Dep**

Trench

Context Type: Deposit / ~~Cut~~ / Structure

Check Lists:

Site sub-div

Overlain by: **16006**

DEPOSIT:

Structure No.

Abutted by:

- 1. compaction 2. colour
- 3. composition 4. inclusion
- 5. thickness 6. extent
- 7. comments 8. method & conditions

Plan No.

Cut by:

Filled by:

Section No.

Same as:

Part of:

CUT:

- 1. shape in plan
- 2. base/sides/top profile
- 3. dimension and depth
- 4. sketch 5. truncation 6. fill nos 7. other comments

Co-Ordinates

Consists of:

Overlies:

Level

Butts:

MASONRY:

Slide No. **Digi 7037-7042**

Cuts:

- 1. materials 2. size of bricks etc
- 3. finish of stones 4. coursing/bond
- 5. form 6. faces 7. bond 8. dimensions as found
- 9. other comments

Neg No.

Fill of:

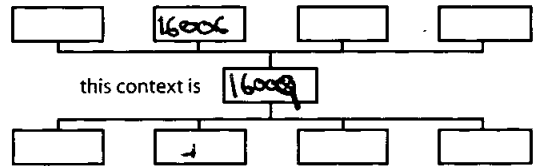
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) Compact
- 2) Yellow / green / orange, brown
- 3) sand
- 5) 0.7m (to be)
- 6) seen in area 7.8m x 24.7m
- 8) Machine



Interpretation/Discussion

Sand deposit beneath old A2, looks almost natural however doesn't quite belong in that location so prob a move up layer for road, original ground surface may have dipped dramatically at that point, so sand made up road. Either that or a previously unman dig valley.

Finds (tick): None [] Pot [] Bone [] Flint [] Stone [] Burnt stone [] Glass [] Metal [] CBM [] Wood [] Leather []

Small Finds

Samples

Building Materials

Recorder **MAP**

Date **24 Aug 08**

Initials



# CONTEXT RECORD

Context No.

16010

SITE *A2PC 06*

ADDITIONAL SHEETS:

TYPE *Dep*

Trench

Context Type: Deposit / Cut / Structure

Check Lists:

Site sub-div

Overlain by:

DEPOSIT:

Structure No.

Abutted by:

1. compaction 2. colour  
3. composition 4. inclusion  
5. thickness 6. extent  
7. comments 8. method & conditions

Plan No.

Cut by:

Filled by:

Section No.

Same as:

CUT:

1. shape in plan  
2. base/sides/top profile  
3. dimension and depth  
4. sketch 5. truncation 6. fill nos  
7. other comments

Co-Ordinates

Consists of:

Overlies:

Level

Butts:

MASONRY:

1. materials 2. size of bricks etc  
3. finish of stones 4. coursing/bond  
5. form 6. faces 7. bond 8. dimensions as found  
9. other comments

Slide No. *Digs 60-70*

Cuts:

Neg No.

Fill of:

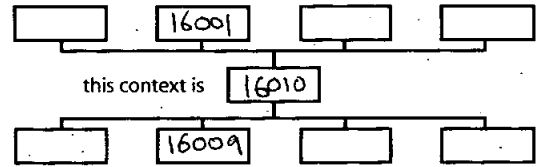
Matrix location

Relationships uncertain

Description (See check lists):

STRATIGRAPHIC MATRIX

- 1) silt
- 2) brownish black
- 3) silty clay
- 4) CBM, stone
- 5)
- 6) 1m x 15 seen



Interpretation/Discussion

*Buried Topsoil.*

Finds (tick): None [ ] Pot [ ] Bone [ ] Flint [ ] Stone [ ] Burnt stone [ ] Glass [ ] Metal [ ]  
CBM [ ] Wood [ ] Leather [ ]

 Small Finds
Recorder *LP*
 Samples
Date *24 Sep 08*
 Building Materials

Initials

A2 PEPPERHILL TO COSTA MOUNTAIN

A2 PC-060

HEVENL COURT SUBWAY

B CATALOGUE OF DRAWINGS

PDF/A SCAN

FILMING INSTRUCTIONS

Submitter OASouth

No. of copies: 2

Headings

Site information

Line 1: [OASouth] County[Kent] Parish:[A2 Pepperhill to Cobham]

Site[Hever Court Subway Watching brief ] Site code[A2PC 06]

Line 2: Excavators name[T Allen]

Line 3:

Classification of material

Tick if present

Classification of material	Tick if present
Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	
B: Site Data – Text: Synthesised Context Records	
B: Site Data – Text: Survey Reports	
B: Site Data – Text: Catalogue of Drawings	<input checked="" type="checkbox"/>
B: Site Data – Text: Primary Drawings	
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	





A2 PEPPER HILL TO CUBHAM

A2 PC-CW

HEVER COURT SUBWAY

B. PRIMARY DRAWINGS

PDF/A SCAN

FILMING INSTRUCTIONS

Submitter OASouth

No. of copies: 2

Headings

Site information

Line 1: [OASouth] County[Kent] Parish:[A2 Pepperhill to Cobham]

Site[Hever Court Subway Watching brief ] Site code[A2PC 06]

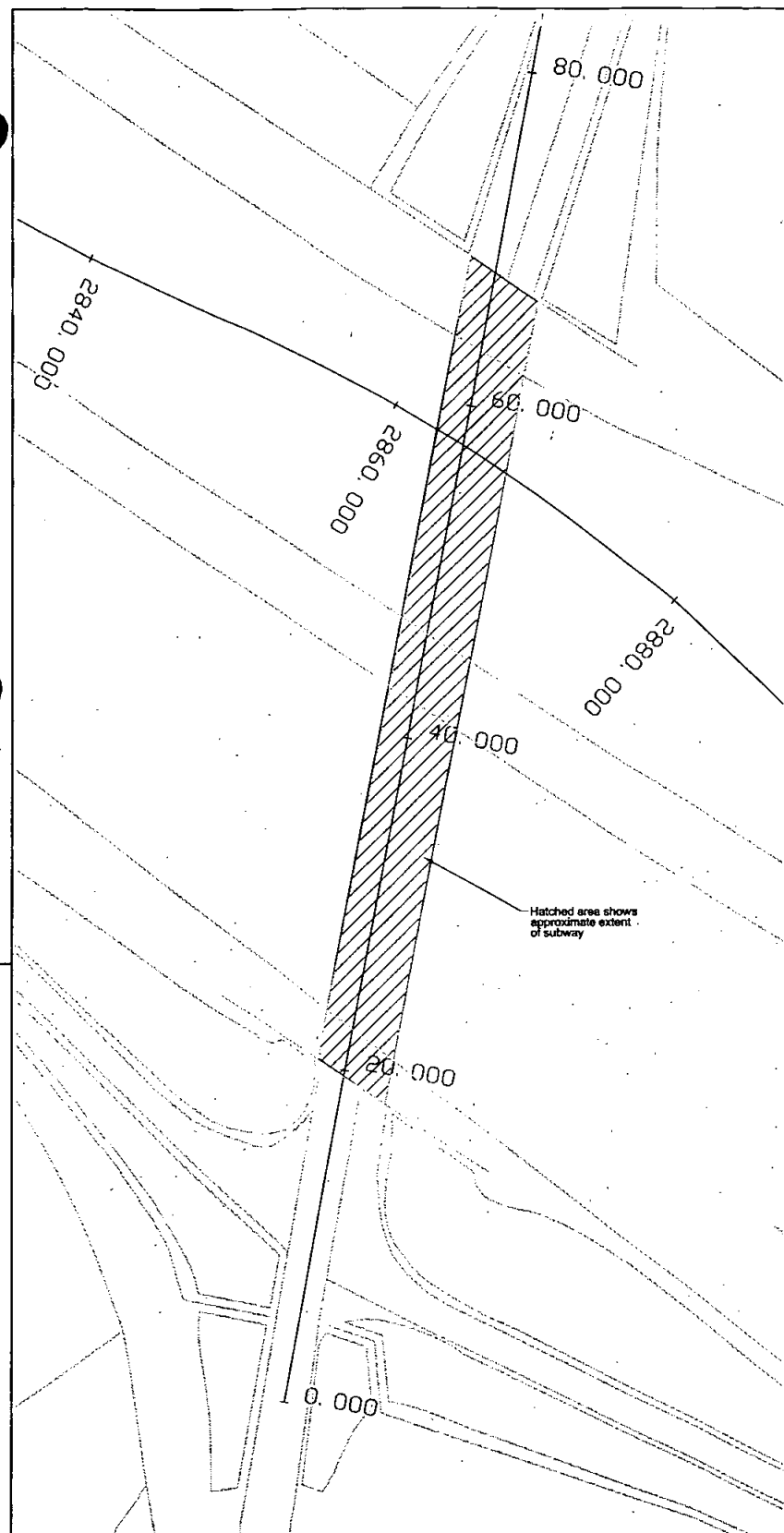
Line 2: Excavators name[T Allen]

Line 3:

Classification of material

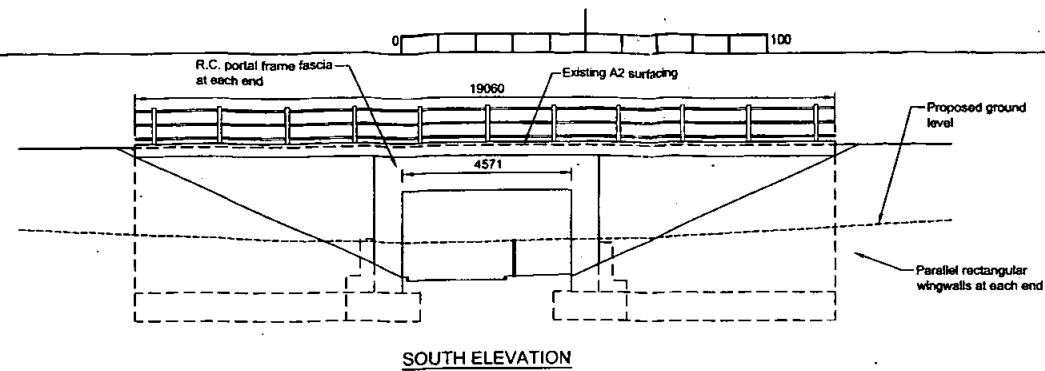
Tick if present

Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
B: Site Data – Text: Primary Context Records	
B: Site Data – Text: Synthesised Context Records	
B: Site Data – Text: Survey Reports	
B: Site Data – Text: Catalogue of Drawings	
B: Site Data – Text: Primary Drawings	<input checked="" type="checkbox"/>
B: Site Data – Text: Synthesised Drawings	
C: Finds Data – Text: Primary Finds Data	
C: Finds Data – Text: Synthesised Finds Data	
C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
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E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	



**PLAN**  
Scale: 1:200

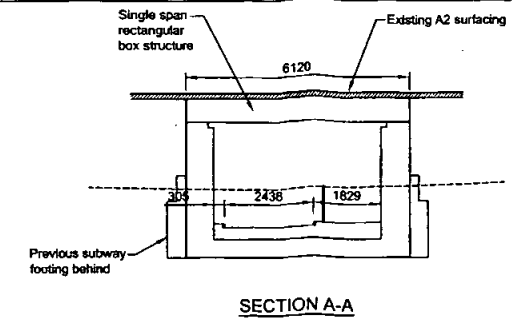
- Working in the vicinity of underground services
- Falling objects
- Structural integrity
- Craneage operations
- Demolition operations
- Demolition adjacent to services
- Demolition of existing apparatus



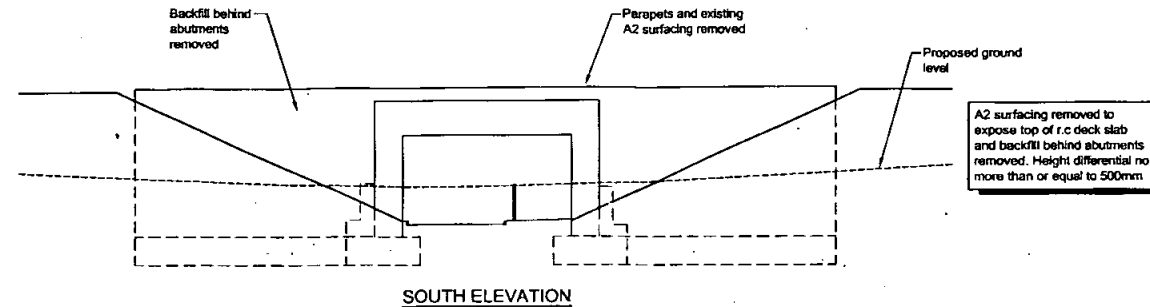
**SOUTH ELEVATION**

**EXISTING STRUCTURE**

Scale: 1:100



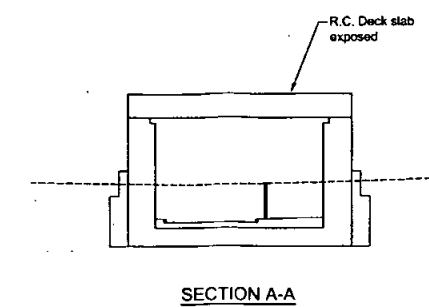
**SECTION A-A**



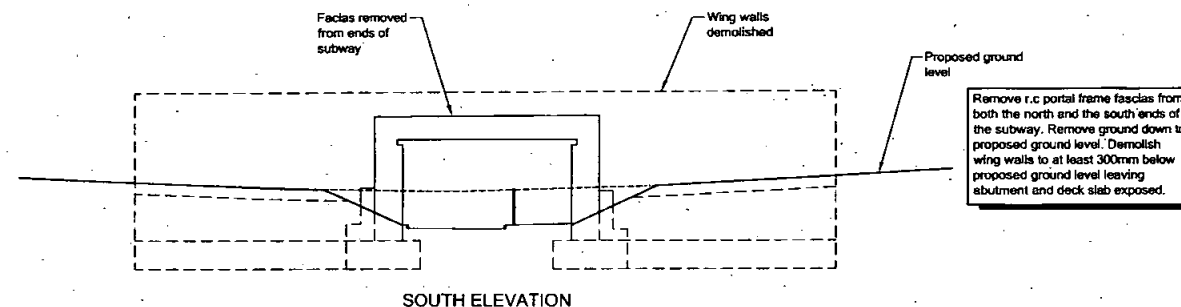
**SOUTH ELEVATION**

**STAGE 1 DEMOLITION**

Scale: 1:100



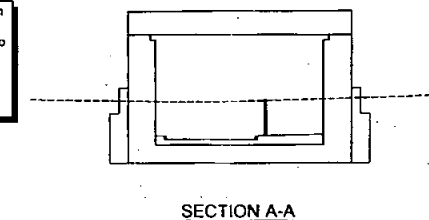
**SECTION A-A**



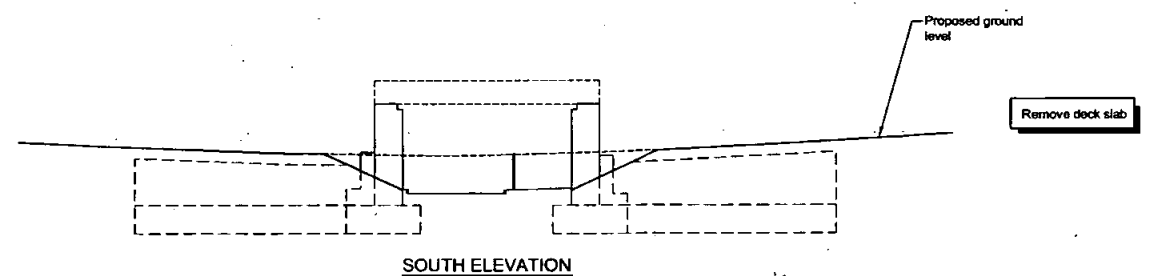
**SOUTH ELEVATION**

**STAGE 2 DEMOLITION**

Scale: 1:100



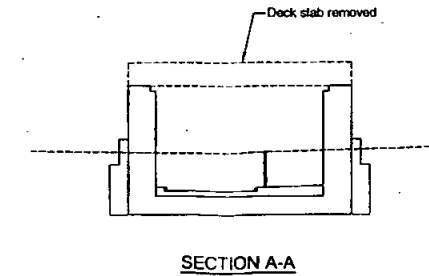
**SECTION A-A**



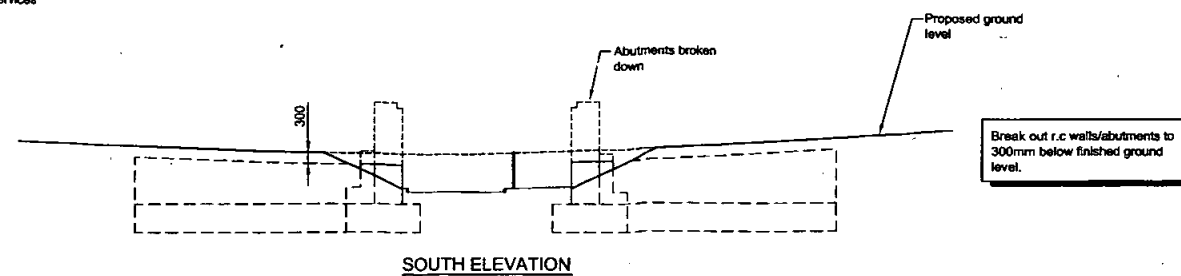
**SOUTH ELEVATION**

**STAGE 3 DEMOLITION**

Scale: 1:100



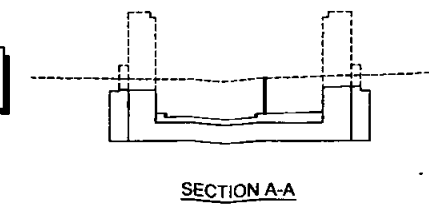
**SECTION A-A**



**SOUTH ELEVATION**

**STAGE 4 DEMOLITION**

Scale: 1:100



**SECTION A-A**

**NOTES**

1. All dimensions in millimetres unless noted otherwise.
2. All levels in metres A.O.D. (Above Ordnance Datum - Newlyn).



**RESIDUAL DESIGN HAZARDS:**  
The number refers to the risk register.

01	Hazards added. Issued for construction.	DT	KST	03/07
Rev	Revision details	Chkd	Appr	Date
	Signed			Date
Drawn:	C.A.P.			SEPT 06
Designed:	RC			SEPT 06
Checked:	DT			SEPT 06
Approved:	KST			SEPT 06
File ref:	ONC/SIC/17701			
Telephone No:	(01273) 897200			

**SKANSKA**

IN ASSOCIATION WITH

Owen Williams  
consultants



Client  
**HIGHWAYS AGENCY**

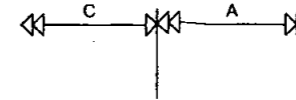
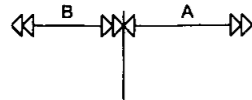
Project Name  
**A2 PEPPERHILL TO COBHAM WIDENING**

Drawing Title  
**HEVER COURT SUBWAY DEMOLITION WORKS**

Issue Status  
**FOR CONSTRUCTION**

Scale	Drawing No	Rev
AS SHOWN	260860/17701	01

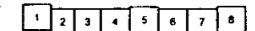
A2 PC 06



NOTES

- PERFORATE EXISTING PAVEMENT CONSTRUCTION AT 1m CENTRES
- PERFORATE EXISTING PAVEMENT CONSTRUCTION AT 2m CENTRES
- EXISTING PAVEMENT MAINTAINED DUE TO PRESENCE OF UNDERGROUND SERVICES
- EXCAVATE EXISTING PAVEMENT CONSTRUCTION
- BREAK UP AND LEAVE EXISTING PAVEMENT CONSTRUCTION IN PLACE (REFER TO APPENDIX 7/B)
- FOOTWAY TYPE F4
- FOOTWAY TYPE F4A
- FOOTWAY TYPE F4B
- NEW CYCLETRACK DRAINAGE
- EQUESTRIAN ROUTE
- CARRIER DRAIN TO BE ABANDONED
- CARRIER DRAIN TO BE RETAINED
- FILTER DRAIN TO BE ABANDONED
- FILTER DRAIN TO BE RETAINED
- CARRIER DRAIN TO BE ABANDONED AND FILTER DRAIN TO BE RETAINED
- CARRIER AND FILTER DRAINS ABANDONED
- CARRIER AND FILTER DRAINS RETAINED
- REMOVE GULLY TOP AND FRAME AND FILL GULLY POT WITH ACCEPTABLE FILL MATERIAL
- REMOVE GULLY TOP AND FRAME AND FILL GULLY POT WITH TYPE B FILTER MATERIAL
- EXISTING GULLY TOP, FRAME AND POT TO BE REMOVED
- EXISTING MANHOLE TO BE FILLED WITH FOAM CONCRETE OR ACCEPTABLE FILL MATERIAL
- EXISTING MANHOLE TO BE FILLED WITH TYPE B FILTER MATERIAL
- EXISTING MANHOLE TO BE RETAINED AS EXISTING
- EXISTING KERB LINE TO BE RETAINED
- EXISTING KERB LINE TO BE REMOVED
- LANDSCAPE MOUNDING CONTOURS

SHEET LAYOUT



01	SKANSKA COMMENTS INCORPORATED	BDB	BDB	09/06
Rev	Revision details	Chkd	Appr	Date
Drawn:	Signed: A J GOWANS	Date: AUGUST 2006		
Designed:	R L JAMES	AUGUST 2006		
Checked:	B D BURGESS	AUGUST 2006		
Approved:	K S THAVA	AUGUST 2006		
File ref:	OWC/PAV/300/11107			
Telephone No:	(01273) 897200			

**SKANSKA**

IN ASSOCIATION WITH

Owen Williams  
consultants



Client **HIGHWAYS**  
AGENCY

Project Name  
**A2 PEPPERHILL TO COBHAM WIDENING**

Drawing Title  
**TREATMENT OF REDUNDANT A2 SHEET 7 OF 8**

Drawing Status  
**FOR CONSTRUCTION**

Scale	Drawing No	Rev
1:1000	260860 / 11107	01

NOTES

1. FOR DETAILS OF CYCLETRACK CONSTRUCTION REFER TO APPENDIX 7/21 AND DRAWING 260860/11161
2. FOR CROSS SECTIONS A1, A2, A3, B1, B2, B3, C1, C2 AND C3 REFER TO DRAWINGS 260860/11150-11152 DRAWING No. 260860/11160
3. FOR EDGE OF CYCLETRACK DETAILS REFER TO DRAWING No. 260860/11160
4. FOR DETAILS OF TREATMENT TO ABANDONED DRAINAGE REFER TO APPENDIX 22

- A = EXISTING A2 WITH NORMAL CROSSFALL
- B = EXISTING A2 WITH SUPERELEVATION SLOPING NORTH TO SOUTH
- C = EXISTING A2 WITH SUPERELEVATION SLOPING SOUTH TO NORTH

A/B/C

REFER TO SHEET 6

REFER TO DRAWINGS 11001 - 11028 FOR CONSTRUCTION DETAILS

REFER TO DRAWINGS 11001 - 11028 FOR CONSTRUCTION DETAILS

A2 COAST BOUND

A2 LONDON BOUND

CTRL INFRASTRUCTURE MAINTENANCE DEPOT

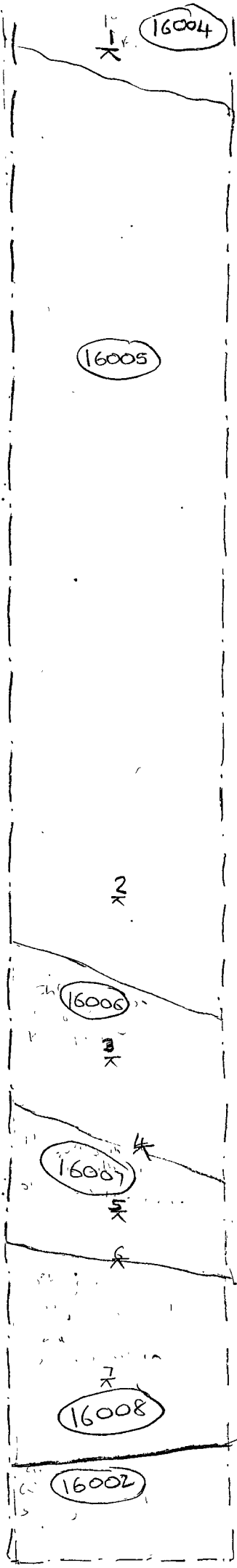
CUT LINE

REFER TO SHEET 8



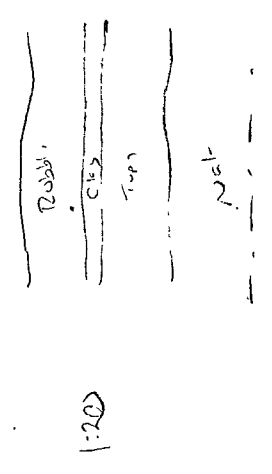
A2 PC 063  
 19 Sep 08  
 MP  
 1:100

P.2601



Lvs in Mod.

Old A2	=	67.70x
$\frac{1}{x}$	=	66.389
$\frac{2}{x}$	=	65.7341
$\frac{3}{x}$	=	65.652
$\frac{4}{x}$	=	65.510
$\frac{5}{x}$	=	65.439
$\frac{6}{x}$	=	65.366
$\frac{7}{x}$	=	65.311



A2 PEPPERHILL TO CASHYAM  
R2 PC-CLD HEVELCOURT SUBWAY  
D CATALOGUE of PHOTOS.

PDF/A SCAN

FILMING INSTRUCTIONS

Submitter OASouth

No. of copies: 2

Headings

Site information

Line 1: [OASouth] County[Kent] Parish:[A2 Pepperhill to Cobham]

Site[Hever Court Subway Watching brief ] Site code[A2PC 06]

Line 2: Excavators name[T Allen]

Line 3:

Classification of material

Tick if present

	Tick if present
Index to archive	
Introduction	
A:Final Report	
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B: Site Data – Text: Catalogue of Drawings	
B: Site Data – Text: Primary Drawings	
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C: Finds Data – Text: Primary Finds Data	
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E: Environmental/Ecofact Data: Primary Records	
E: Environmental/Ecofact Data: Synthesised Records	
E: Environmental/Ecofact Data: Specialist Reports	
F: Documentary	
F: Press and Publicity	
G: Correspondence	
H: Miscellaneous	





# PHOTOGRAPHIC RECORD SHEET

SITE CODE **A2 PCOS**

SITE NAME **A2 widening  
Hever court subway**

FILM NO. **311**

Camera number

Lens number

Black & white / colour

Date	Negative number	View	Context(s)	Initials
22 Sep 08	0		1D Shot	LMP
	1	W	Shutter failure	↓
	2	↓	Make up layers for road A2 1m scale	↓
	3	↓		↓
	4	↓		OX
	5	N	A2 make up 1m scale	UX
	6	↓		LMP
	7	↓		OX
	8	E	Cycle path coastbound carriageway east side completed	↓
	9	"	"	↓
23 Sep 08	10	E	Cycle path coastbound side west, section thru road	LMP
↓	11	↓	2 x 1m scales	↓
↓	12	↓		↓
24 Sep 08	13	W	Coastbound, west complete 2x 1m scale	↓
↓	14	↓		OX
↓	15	↓		UX
↓	16	E	Londonbound east side complete 2m scale	LMP
↓	17	↓	"	↓
↓	18	↓		↓
↓	19	W	Londonbound west side complete 2m scale	↓
↓	20	↓		OX
↓	21	↓		UX
↓	22		Sib completed	↓
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			
	36			
	37			



# DIGITAL PHOTOGRAPHIC RECORD SHEET

SITE CODE  
A2 PC 06

SITE NAME A2 widening,  
Hever Court Subway

Card No 48

Date	Shot number	View	Context(s)	Geo ref (tick)	Initials
8 Sep 08	7001 to 7008		Photos of trenches dug to remove London bound subway	X	MP
11 Sep 08	7009 to 7019		Subway removal in progress		
18 Sep 08	7020 to 7023		1960's road surface beneath recent A2.		
19 Sep 08	7024 to 7028		Cycle path machined to full depth		
22 Sep 08	7029 to 7030	W	Make up layers for recent A2.		
	7031	N	Sample section of A2 make up layers.		MP
	7032	"	"		
	7033		Coastbound, cycle path cut east side finished		
	7034		"		
	7035	N	Removing the early A2 (1600)		
	7036	"	"		
23 Sep 08	7037 to 7040	W	Coastbound carriage way west side section through rd 2 x 1m scale		MP
	7041	W	Coastbound west side completed		
	7044	"	of 1600 visible		
	7045	E	London bound east side in progress		
	7046	"	"		
24 Sep 08	7047	W	Coastbound west complete 2 x 1m scale		MP
	7048		"		
	7049		landscape north of old A2		
	7050		"		
	7051	W	Machining Londonbound, west, brick		
	7052	"	hps:11		
	7053	E	Londonbound east side complete 2m scale		
	7054	"	"		
	7055	W	Londonbound west side complete 2m scale		
	7057	"	"		
	7058-59	N	"		
	7060-70	Var	Job completed		MP