

**National Asset Delivery  
Technical Surveys and Testing**

**Scope for 605746-004**

**A120 EB Panners to Galleys  
Resurfacing**

**Ground Penetrating Radar Survey**

**CONTENTS AMENDMENT SHEET**

<b>Amend. No.</b>	<b>Revision No.</b>	<b>Amendments</b>	<b>Initials</b>	<b>Date</b>
0	0	Original version issued with tender	JK	11/11/2020
1	1	Changes to site start and end dates	EB	18/11/2020

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## **1 DESCRIPTION OF THE SERVICES**

### **1.1 Project objectives**

1.1.1 The principal objective of this project is to carry out pavement investigations at A120 eastbound Panners to Galleys.

1.1.2 The specification that applies to the *services* is included in Section 6

### **1.2 Scope of services**

1.2.1 The *services* to be provided under this contract are:

- (1) All site *services* to be undertaken in accordance with the requirements set out in DMRB CS 229. Carry out Ground Penetrating Radar (GPR) survey in lane 1 and 2.

### **1.3 Deliverables**

1.3.1 The *Consultant* is required to produce the following deliverables:

- (1) All reporting to be in accordance with the requirements set out in DMRB CS 229 and Highways England network referencing and nominated directions.
- (2) Produce a report for GPR in excel (in 1m averages of layer thickness) and an interpretation of material deterioration, voiding and a separate report on layer moisture.
- (3) All results to be supplied in electronic format and in accordance with DMRB CS 229 and Highways England network referencing and nominated directions.

## 2 EXISTING INFORMATION

- 2.1.1 Schedule GPR locations and lengths is provided in Appendix 3.
- 2.1.2 The Drawings relevant to this contract are supplied in the appendices to this Scope Information. Refer to the site information for details of existing site conditions including ground conditions, limitation on access, position of existing structures etc.

## 3 CONSTRAINTS ON HOW THE CONSULTANT PROVIDES THE SERVICES

### 3.1 General

- 3.1.1 The *Consultant* Provides the Services in such manner as to minimise the risk of damage or disturbance to or destruction of third-party property.
- 3.1.2 The *Consultant* complies with the constraints and meets with the requirements outlined in Appendix 1.
- 3.1.3 The *Consultant* submits information detailing how the *Consultant* will provide the Services to the *Client* prior to the services commencing. This information will include any lifting plans, risk assessments, method statements, the *Consultant's* staff training information and any other relevant Health and Safety requirements.

### 3.2 Working hours & site-specific constraints

- 3.2.1 The *Consultant's* working hours for site works shall be 8.00pm to 6.00am, Monday to Friday (starting from Monday night at 8.00pm and ending on Saturday morning at 6.00am). Start and completion dates are anticipated to be between 1<sup>st</sup> February 2021 and 6<sup>th</sup> February 2021.
- 3.2.2 All work on main carriageway and associated slip roads and lay-bys.
- 3.2.3 Traffic management to be provided by Construction Works Framework.

### 3.3 Health, Safety and Environment & Risk Management

#### Health and Safety requirements

- 3.3.1 In Providing the Services the *Consultant* meets the requirements of Annex 2 of the supplementary constraints in relation to health and safety duties.

- 3.3.2 When implemented, the *Consultant* shall comply with the requirements of Highways England's safety passport scheme and ensure that all his employees, and any of his subcontractor's, are registered in accordance with the implementation of the scheme.
- 3.3.3 For details of the CDM duty holders, refer to the pre-construction information (PCI) which is included in the tender documents, Construction Phase Plan (CPP) & other PCI to be provided upon successful tender.
- 3.3.4 A report must be submitted to the Client within 24 hours if there are any surveys omitted.
- 3.3.5 Before commencing the construction phase of the *services*, the *Consultant* confirms to the *Client* that adequate welfare facilities are in place. Where the facilities detailed in section 5 are not deemed adequate, the *Consultant* provides all necessary facilities to Provide the *Services* and to comply with the minimum requirements set out in HSE guidance document L153.

#### Environmental requirements

- 3.3.6 In Providing the *Services* the *Consultant* meets the requirements of Annex 2 of the supplementary constraints in relation to environmental duties.

#### Risk Management

- 3.3.7 The *Consultant* identifies, manages and mitigates risks in accordance with the principles of ISO31000.
- 3.3.8 The *Consultant* submits a risk register, which captures all risks associated with the delivery of the *services* including those identified by the *Client*, with his tender and maintains it for the contract period.

## 4 REQUIREMENTS FOR THE PROGRAMME

- 4.1.1 The *Consultant* submits programme to the *Client* with his tender.
- 4.1.2 The *Consultant* Provides the Services taking into account the following programme constraints:
- (i) the *starting date* and *completion date* and any post site services, reporting and review period
  - (ii) The services and other things provided by *Client* (see Section 5)
  - (iii) Results to be issued within 2 weeks of completing site work or as agreed with Highways England Project Manager.
- 4.1.3 The programme should be in the form of an activity and time related bar chart, produced as a result of a critical path analysis.
- 4.1.4 The programme should preferably be provided in either a PDF or MS Excel format and cover the full contract period including post site activities. Activities should be clearly defined and named, and the programme should detail the following:
- (i) dates and times associated with the project, including the *starting date*, *completion date* & *Consultant's* planned completion, and any other dates or times that will specifically impact the delivery of the project
  - (ii) activities associated with delivering the project
  - (iii) To provide updates and feedback on traffic management requirements if different to set up identified at tender.
- 4.1.5 The *Consultant* should provide details of the proposed resources (plant, labour, subcontractors etc.) expected to deliver each activity. This information can either be shown on the programme itself or provided in an associated resource statement included in the Proposal for Providing the Services.
- 4.1.6 The *Consultant* updates the programme as agreed with the Highways England Project Manager. The *Consultant* submits an updated programme to the *Client* upon request.

## **5 SERVICES AND OTHER THINGS PROVIDED BY THE CLIENT**

5.1.1 The following temporary traffic management will be provided by the *Client* to allow the *Consultant* to Provide the *Services*:

- (1) Construction Works Framework to provide traffic management.
- (2) Duration: 3 shifts
  - Shift 1: Full closure
  - Shift 2-3: Slip road closure

5.1.2 The other things that will be provided by the *Client* are as follows:

- (1) Welfare facilities will be provided by the principal *Contractor*.

## **6 SPECIFICATION FOR THE SERVICES**

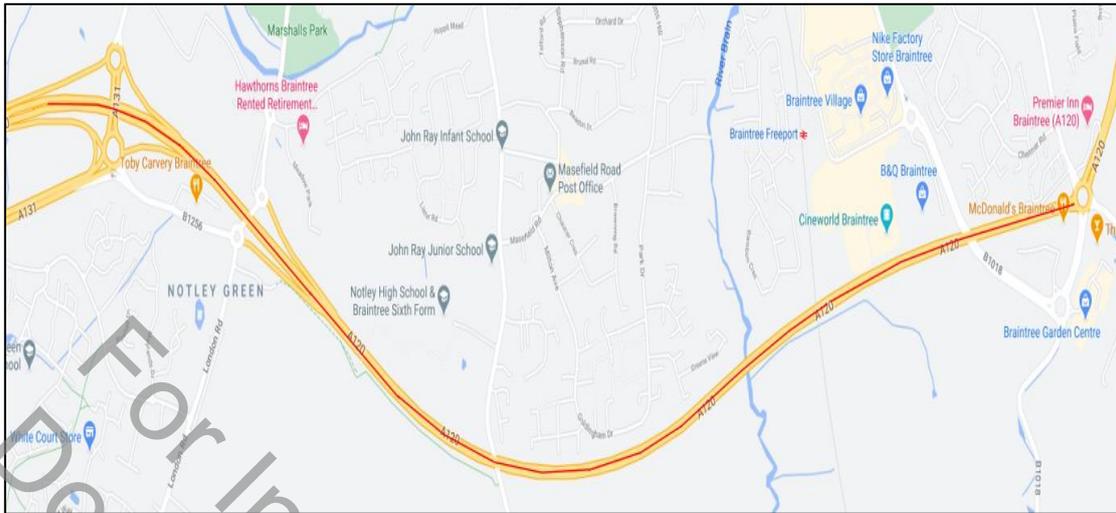
6.1.1 The *Consultant* shall undertake the *Services* in accordance with:

6.1.2 DMRB CS 229

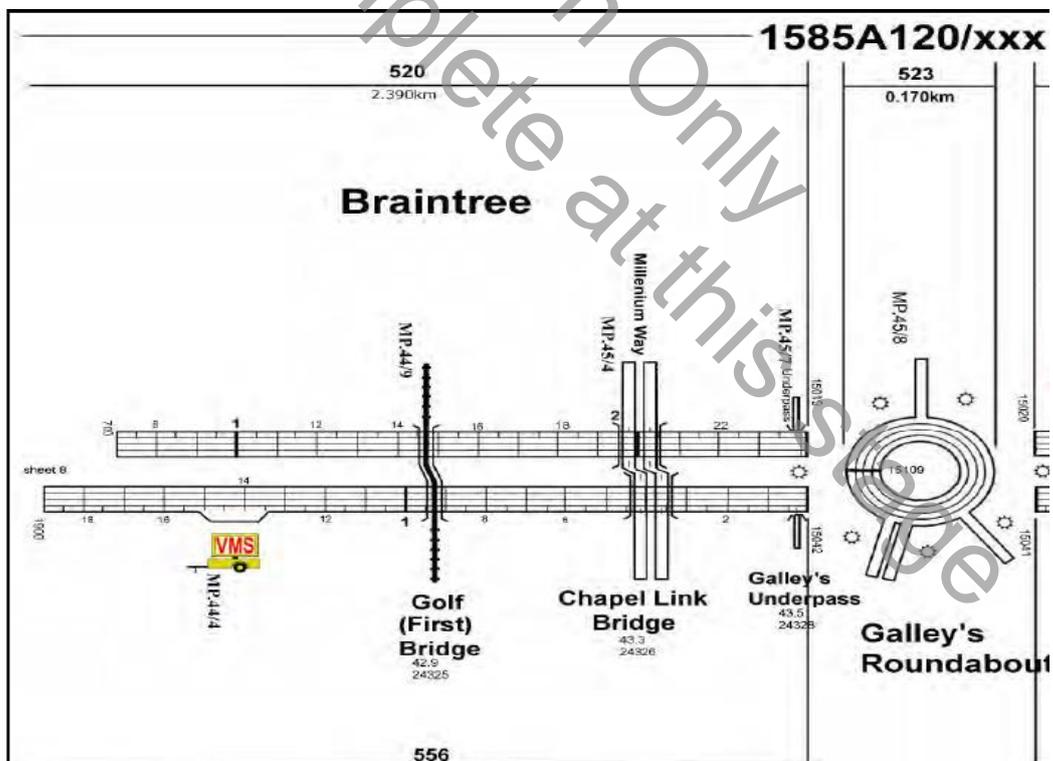
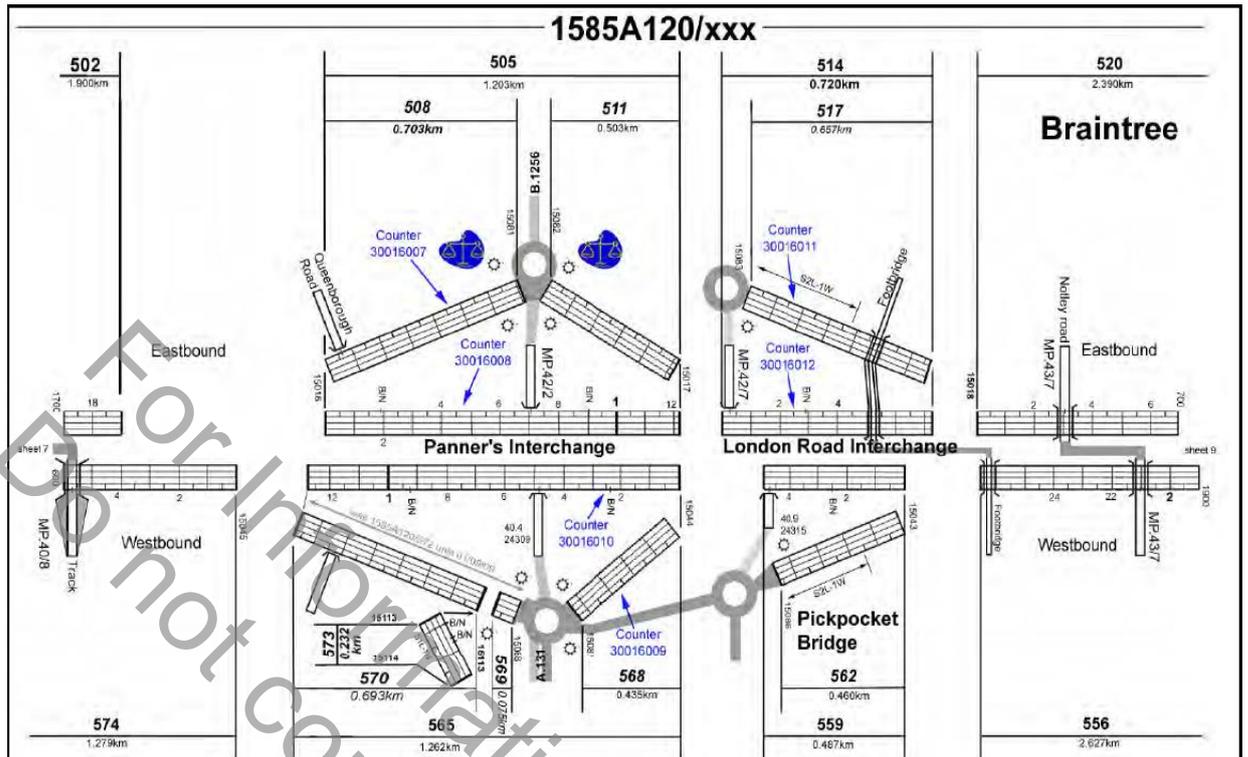
**Appendix 1 – Supplementary constraints**

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**Appendix 2 – Location Plans and SERVICES extents**



605746-004 RRP0821 A120 EB Panners to Galleys Resurfacing



## Appendix 3 – GPR Survey Schedules

**605746-004 RRP0821 A120 EB Panners to Galleys Resurfacing**

<b>GPR Survey</b>						
<b>Traffic speed</b>	<b>Section</b>	<b>Length</b>	<b>DCW Lanes</b>	<b>Slip Road Lanes</b>	<b>LM</b>	
	1585A120/505	1203	L1	NA	1203	
	1585A120/514	720	L1	NA	720	
	1585A120/520	2390	L1	NA	2390	
	1585A120/508	703	L1	NA	703	
	1585A120/511	503	L1	NA	503	
<b>Slow Speed</b>	<b>Section</b>	<b>Length</b>	<b>DCW Lanes</b>	<b>Slip Road Lanes</b>	<b>LM</b>	
	1585A120/517	657		CL1	657	
	1585A120/517	657		CL2	657	

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