

SCHEDULE 19

Accrual and De-Accrual of Project Network Parts

Part 1

1. ADDITION AND REMOVAL OF PROJECT NETWORK PARTS

1.1 Notwithstanding any provision of Schedule 18 (*Change Protocol*):

1.1.1 the Service Provider shall accept Project Network Parts into the scope of the Services in accordance with Clause 50 (*Accrual and De-Accrual of Project Network Parts*) and paragraph 3.1 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*); and

1.1.2 the Authority is entitled to remove Project Network Parts from the scope of the Services pursuant to paragraph 4 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*).

1.2 If the Service Provider fails to perform any of its obligations within the relevant timescales as set out in this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) then the Unitary Charge shall be abated at the rate of [REDACTED] [REDACTED] (Indexed) for every day of delay from the date the obligation should have been performed by until the date such obligation is performed.

2. PRE-ACCRUAL AND DE-ACCRUAL PROCESS - MAINTAINABILITY ASSESSMENT

2.1 In the event that New Works have been or are to be procured from or undertaken by a party other than the Service Provider, or in any other circumstances in which the Authority is contemplating whether to Accrue and/or De-Accrue any Proposed Project Network Part or a Scheme, the Authority may notify the Service Provider of:

2.1.1 any New Works that include proposals for any Proposed Project Network Part or Scheme which may result in a change to the Project Network; or

2.1.2 any other Proposed Project Network Part(s) which the Authority is intending to become part of the Project Network or remove from the Project Network,

(a "**Maintainability Assessment Notice**"). If the Authority serves such notice, then provisions of this paragraph 2 shall apply.

- 2.2 The Authority shall include in the Maintainability Assessment Notice the following:
 - 2.2.1 the location and extent of the New Works being or to be carried out (if applicable);
 - 2.2.2 the likely timescale for the New Works and the anticipated completion date of the New Works; and
 - 2.2.3 the location and details of the Proposed Project Network Part or Scheme,
and may (at the Authority's absolute discretion) where such information is available include details of:
 - 2.2.4 any conditions to which the New Works have been made subject by the Authority (if applicable); and
 - 2.2.5 any relevant documentation detailing the technical proposals.
- 2.3 The Authority may provide information in respect of paragraph 2.2.4 and paragraph 2.2.5 at a date later than the date of the Maintainability Assessment Notice.
- 2.4 The Service Provider shall notify the Authority of any specific further documentation it reasonably believes it requires in order to provide sufficient commentary pursuant to paragraph 2.8 and/or 2.9 on any Proposed Project Network Part or Proposed Project Network Parts, which it has not received from the Authority or cannot obtain, having used reasonable endeavours, from a Third Party Developer.
- 2.5 Without prejudice to paragraph 2.6, the Authority shall use reasonable endeavours to procure and provide to the Service Provider as soon as reasonably practicable any further documentation that the Service Provider has requested pursuant to paragraph 2.5.
- 2.6 The Service Provider shall within ten (10) Business Days of any Maintainability Assessment Notice or the date on which the Authority subsequently provides the information pursuant to paragraph 2.2.4 and paragraph 2.2.5 provide a written commentary on the Proposed Project Network Part or Scheme and/or any documentation provided by the Authority, and such commentary shall include:

2.6.1 confirmation of whether the Proposed Project Network Part or Scheme complies with the Service Provider Assumptions and the relevant requirements of the Output Specification and if not, an explanation of why not and any relevant supporting documentation; and

2.6.2 any proposed amendments to the design of the Proposed Project Network Part or Scheme (if applicable) to minimise lifecycle costs during the Term,

(the “**Initial Maintainability Assessment Response**”).

2.7 Following the submission of the Service Provider's Initial Maintainability Assessment Response, the Service Provider may:

2.7.1 attend pre-start site meetings to familiarise itself with details and issues concerning the New Works (if applicable); and/or

2.7.2 inspect any Proposed Project Network Part or Scheme having regard to the nature and complexity of the Proposed Project Network Part or Scheme,

as the Service Provider may reasonably require in order to provide the Maintainability Assessment pursuant to paragraph 2.8 and the Authority shall, if the Service Provider so requests, use reasonable endeavours to procure access for the Service Provider or any Service Provider Party to attend any such pre-start site meeting and/or to inspect any Proposed Project Network Part or Proposed Project Network Parts.

2.8 As soon as reasonably practicable following any Maintainability Assessment Notice and having regard to the nature and complexity of the New Works if applicable, the Service Provider shall, in respect of all Proposed Project Network Part or Scheme referred to in the Maintainability Assessment Notice provide the Authority with the following information:

2.8.1 whether the Proposed Project Network Part or Scheme meets the relevant requirements of the Output Specification, or if the Service Provider (acting reasonably) considers that the Proposed Project Network Part or Scheme does not meet the relevant requirements of the Output Specification, details of the work required to be carried out to improve the standard of the Proposed Project Network Part or Scheme to meet the relevant requirements of the Output Specification;

- 2.8.2 whether the Proposed Project Network Part or Scheme meets the Service Provider's Assumptions or not, together with any relevant supporting documentation if they do not; and
- 2.8.3 in respect of the Accrual of any Proposed Project Network Part or Scheme, if the Proposed Project Network Part or Scheme does not meet the Service Provider's Assumptions or there are no appropriate value(s) in the Tables contained in Part 2 and 3 of this Schedule 19, including as appropriate the Intervention, the Year of Accrual Intervention, the Accrual Unit Cost of Intervention and/or Operational Maintenance Value (the “**Accrual Calculation Values**”) for the Proposed Project Network Part(s), the Service Provider's (acting reasonably) proposed maintenance costs related to the Proposed Project Network Part or Proposed Project Network Parts and the extent, if any, to which the maintenance costs vary from any relevant Accrual Values calculated pursuant to Paragraph 5.1 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) with an explanation as to how the Service Provider has calculated such costs and why the Accrual Values should be varied, and whether these maintenance costs may, in the reasonable opinion of the Service Provider may be reduced or mitigated;
- 2.8.4 in respect of the De-Accrual of any Proposed Project Network Part or Scheme, if the Proposed Project Network Part or Scheme does not meet the Service Provider's Assumptions or there are no appropriate value(s) in the Table contained in Part 2 and/or 4 of this Schedule 19, including as appropriate the Intervention, the Year of De-Accrual Intervention, the Operational Maintenance Value and/or the De-Accrual Unit Cost of Intervention (the “**De-Accrual Calculation Values**”) for the Proposed Project Network Part or Scheme, the Service Provider's (acting reasonably) proposed reduction in maintenance costs related to the Proposed Project Network Part or Scheme and the extent, if any, to which the reduction in maintenance costs vary from any relevant De-Accrual Values calculated pursuant to Paragraph 5.2 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) with an explanation as to how the Service Provider has calculated such costs and why the De-Accrual Values should be varied, and whether the reduction in maintenance costs may, in the reasonable opinion of the Service Provider may be increased,

(a "**Maintainability Assessment**").

- 2.9 The Authority shall notify the Service Provider as soon as reasonably practicable where it has permitted a change to any New Works which include any Proposed Project Network Part or Scheme the subject matter of a Maintainability Assessment Notice and the Service Provider shall (as soon as reasonably practicable):
- 2.9.1 reassess any Maintainability Assessment it has submitted to the Authority or is in the process of producing; and
- 2.9.2 make any further inspection of the Proposed Project Network Part or Scheme, as it considers is required (acting reasonably) to consider if such permitted change to the New Works has any impact on any Maintainability Assessment and the Service Provider shall take into account the impact of any such change in the Maintainability Assessment and shall provide the Authority with an updated copy of any Maintainability Assessment, when relevant. The Authority shall, if the Service Provider so requests use reasonable endeavours to procure access for the Service Provider or any Service Provider Party to inspect any such Proposed Project Network Part or Proposed Project Network Parts.
- 2.10 If the Service Provider receives a Maintainability Assessment Notice and if relevant, any notification pursuant to paragraph 2.9 and the Service Provider has failed to provide a Maintainability Assessment in respect of such Maintainability Assessment Notice as soon as reasonably practicable pursuant to paragraph 2.8 and/or, if relevant, an updated Maintainability Assessment pursuant to paragraph 2.9 the Service Provider shall only be entitled to use the relevant Accrual Calculation Values or De-Accrual Calculation Values (as applicable) for such Proposed Project Network Part or Scheme and not claim any maintenance costs which exceed the relevant Accrual Values or are lower than De-Accrual Values (as applicable). Any dispute in relation to this paragraph shall be dealt with in accordance with the provisions of Clause 82 (*Dispute Resolution*).
- 2.11 In the event that the Service Provider receives information from a Third Party Developer in respect of any New Works the Service Provider shall promptly provide copies of such information to the Authority.

- 2.12 The Service Provider shall or shall ensure that any Service Provider Party shall keep confidential any information that it receives in the performance of any of its obligations under this paragraph 2.
- 2.13 Notwithstanding where the Service Provider has provided a Maintainability Assessment to the Authority pursuant to paragraph 2.8 above, the Authority shall not be under any obligation to take any action identified by the Service Provider in any Maintainability Assessment. The Authority shall always be responsible (at its own discretion) for determining whether any Project Network Part or Proposed Project Network Parts meet the relevant standards (including any applicable Highway Standards) and for adopting the relevant Project Network Parts under section 38 of the Highways Act.

3. ACCRUAL OF PROJECT NETWORK PARTS

- 3.1 Where the Authority requires the Service Provider to accept into the scope of the Services and the Project Network a Proposed Project Network Part or a Scheme, the following procedure shall apply:
- 3.1.1 the Authority, shall provide to the Service Provider notice ("**Authority Notice of Accrual**") stating:
- 3.1.1.1 that the Authority requires the Accrual of the Proposed Project Network Part or the Scheme;
- 3.1.1.2 if the Proposed Project Network Part or the Scheme includes a Road Section Length, which Carriageway Hierarchical Type it shall belong to once Accrued;
- 3.1.1.3 details of any Underground Apparatus forming part of the Proposed Project Network Part or the Scheme for whose maintenance it is intended that the Service Provider will become responsible;
- 3.1.1.4 the Accrual Date in respect of the Proposed Project Network Part or the Scheme;
- 3.1.1.5 the location and a description of the Proposed Project Network Part or the Scheme;

3.1.1.6 the date on which the Service Provider shall become responsible for:

- (a) the rectification of Category 1 Defects, Urgent Defects and Urgent Faults;
- (b) the performance of all obligations in order to comply with Service Standard 7 of the Output Specification;
- (c) the performance of all obligations pursuant to Clauses 27 (*Independent Surveys and Inspections*) and 28 (*Service Provider Surveys and Inspections*),

in respect of the Proposed Project Network Part or the Scheme, which shall be not less than one (1) Business Day from the date of the Authority Notice of Accrual and no later than the Accrual Date (and unless otherwise stated in the Authority Notice of Accrual, such date shall be the Accrual Date);

3.1.1.7 whether the Authority considers that the Project Network Part or any Project Network Parts within a Scheme do not comply with the Output Specification, and if not, details of such failure to comply;

3.1.1.8 if paragraph 3.1.1.4 applies, whether the Authority:

- (a) requires the Service Provider to undertake works pursuant to Schedule 7 (*Non-Core Services*) to the Proposed Project Network Part or any Proposed Project Network Part within the Scheme so that the Proposed Project Network Part or the Scheme complies with the Output Specification, in which case the provisions of Schedule 7 (*Non-Core Services*) shall apply; and/or
- (b) shall undertake (or shall procure) the necessary works to the Proposed Project Network Part or any Proposed Project Network Parts within the Scheme so that the Proposed Project Network Part or the Scheme complies with the Output Specification and informing the Service Provider of a date by which such works shall be completed; and/or

(c) requires such Proposed Project Network Part or any Proposed Project Network Parts within the Scheme to be deemed to comply with specific Performance Requirements of the Output Specification for the remainder of the Term or until such time that any works are carried out to such Proposed Project Network Part or Proposed Project Network Parts within the Scheme so that they are compliant with the Output Specification;

3.1.1.9 whether the Authority considers there to be appropriate Accrual Calculation Values or whether the Authority will be relying on any Accrual Calculation Values put forward by the Service Provider in the Maintainability Assessment pursuant to paragraphs 2.8 or 2.9 in determining the appropriate Accrual Value pursuant to paragraph 5.1;

and to the extent that such information is available and relevant, the Authority shall provide the following information with the Authority Notice of Accrual, or on a later date where the information is relevant but not available on that date, provided that failure to provide such information with the Authority Notice of Accrual or at all shall be without prejudice to the Service Provider's obligations in Paragraphs 3.1.2 to 3.1.9 inclusive:

3.1.1.10 the identity of any Third Party Developers involved;

3.1.1.11 whether the Service Provider has provided the Authority with a Maintainability Assessment (including any amendments to such Maintainability Assessment pursuant to paragraph 2.9);

3.1.1.12 when "as-built" plans of the Proposed Project Network Part or the Scheme will be available to the Service Provider (if applicable);

3.1.1.13 substantial completion certificates;

3.1.1.14 information concerning any defects liability period in respect of the Proposed Project Network Part or the Scheme together with any relevant snagging list (if applicable); and

3.1.1.15 whether the Proposed Project Network Part or the Scheme includes Powered Apparatus and if so, provide the Service Provider with any

available electrical test certificates for such Proposed Project Network Part or Project Network Part within the Scheme;

3.1.2 the Service Provider shall, from the date specified in the Authority Notice of Accrual pursuant to paragraph 3.1.1.6, be responsible for:

3.1.2.1 the rectification of Category 1 Defects, Urgent Defects and Urgent Fault;

3.1.2.2 the performance of all obligations in order to comply with Service Standard 7 of the Output Specification; and

3.1.2.3 the performance of all obligations pursuant to Clauses 27 (*Independent Surveys and Inspections*) and 28 (*Service Provider Surveys and Inspections*),

in respect of the Proposed Project Network Part or the Scheme,

3.1.3 the Service Provider shall within twenty (20) Business Days of receipt of the Authority Notice of Accrual, inspect the Proposed Project Network Part or the Scheme and within ten (10) Business Days of such inspection (or where the Service Provider fails to undertake an inspection of the Proposed Project Network Part or the Scheme, within thirty (30) Business Days of receipt of the Authority Notice of Accrual) the Service Provider shall serve a notice on the Authority ("**Project Network Part Compliance Notice**"):

3.1.3.1 stating that the Service Provider considers (acting reasonably) that the Proposed Project Network Part or the Scheme:

(a) meets the standard referred to in the Authority Notice of Accrual; or

(b) does not meet the standard referred to in the Authority Notice of Accrual providing details of such failure; and

(c) if the Authority has not provided the Service Provider with a Maintainability Assessment Notice pursuant to paragraph 2.1 in respect of such Proposed Project Network Part or the Scheme, do or do not comply with the Service Provider's

Assumptions and confirming whether the Service Provider (acting reasonably) considers that the Authority has specified the appropriate Accrual Calculation Values in the Authority Notice of Accrual; and

(d) if the Authority has provided the Service Provider with a Maintainability Assessment Notice pursuant to paragraph 2.1 in respect of such Proposed Project Network Part or the Scheme, stating that it:

(a) considers that the commentary and Accrual Calculation Values(s) provided by the Service Provider in the Maintainability Assessment remain valid; or

(b) does not consider that the commentary and Accrual Calculation Values(s) stated by the Service Provider in the Maintainability Assessment remain valid (provided that the Parties acknowledge and agree that the validity of the commentary and Accrual Calculation Value(s) may only become invalid to the extent the Third Party Developer has changed the specification commented on by the Service Provider pursuant to paragraph 2 or the Proposed Project Network Part or the Scheme has not been built in accordance with the specification commented on by the Service Provider pursuant to paragraph 2) and providing details as to why with a revised assessment of the Accrual Calculation Values(s),

provided that where the Proposed Project Network Parts or the Scheme were constructed and/or provided by the Service Provider pursuant to Schedule 7 (*Non-Core Services*), the Service Provider shall not be entitled to dispute any Accrual Calculation Values except in accordance with the relevant provisions of that Schedule;

3.1.3.2 if, pursuant to paragraph 3.1.3.1(c) and/or paragraph 3.1.3.1 (d) (ii), the Service Provider finds that the Proposed Project Network Part or

the Scheme does not comply with the Service Provider's Assumptions, and the Authority has not specified the appropriate Accrual Calculation Values in the Authority Notice of Accrual and/or the commentary and Accrual Calculation Values provided by the Service Provider in the Maintainability Assessment does not remain valid, the Service Provider shall (acting reasonably) propose the appropriate Accrual Calculation Values;

- 3.1.4 if the Service Provider fails to provide the Project Network Part Compliance Notice within the time period specified in paragraph 3.1.3, the Service Provider shall be deemed to have accepted that the Proposed Project Network Part or the Scheme meets the standard referred to in the Authority Notice of Accrual;
- 3.1.5 either Party may refer any dispute in relation to this paragraph 3, Part 1 of Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) to Dispute Resolution. Subject to paragraph 2.10, the Service Provider shall not be entitled to refer any dispute to Dispute Resolution in relation to the application of any comments made under the Maintainability Assessment;
- 3.1.6 if paragraph 3.1.3.1(b) applies and the Authority agrees (acting reasonably) with the standard and reasons notified to it by the Service Provider pursuant to paragraph 3.1.3.1(b), the Authority shall:
 - 3.1.6.1 undertake (or shall procure the undertaking) of the necessary works to the Proposed Project Network Part or Proposed Project Network Parts within the Scheme so that the Proposed Project Network Part or the Scheme meets the Output Specification and when the Authority is satisfied that any failures have been rectified, inform the Service Provider of such compliance and the provisions of paragraph 2 shall apply; and/or
 - 3.1.6.2 provide the relevant instructions requiring the Service Provider to carry out Non-Core Scheme Services to rectify the failure to meet the Output Specification pursuant to paragraphs 4 and 5 of Schedule 7 (*Non-Core Services*); and

3.1.6.3 specify in the opinion of the Authority (acting reasonably) which Performance Requirements of the Output Specification the Proposed Project Network Part or the Scheme shall be deemed to comply with and whether any relief should be provided from any other obligations on the Service Provider under the Contract:

- (a) in respect of works carried out pursuant to paragraph 3.1.6.1, until the date on which the Authority informs the Service Provider that works are completed;
- (b) in respect of works carried out pursuant to paragraph 3.1.6.2, until the date by which the works are completed pursuant to paragraph 3.1.6.2; or
- (c) in respect of any Proposed Project Network Part or Scheme, for the remainder of the Term,

provided that in respect of paragraphs 3.1.6.3(a) and (b), such relief shall only subsist until the works are completed pursuant to paragraph 3.1.6.1 or 3.1.6.2;

3.1.7 if paragraph 3.1.3.1(b) applies and the Authority disagrees (acting reasonably) with the standard and reasons notified to it by the Service Provider pursuant to paragraph 3.1.3.1(b), the provisions of paragraph 3.1.5 shall apply;

3.1.8 if following a notice issued by the Authority pursuant to paragraph 3.1.6.3, the Service Provider (acting reasonably) disputes the contents of such notice, the Parties shall meet within ten (10) Business Days to discuss and agree the appropriate relief that should be provided to the Service Provider pursuant to paragraph 3.1.6.3;

3.1.9 if paragraph 3.1.1.6(b) applies, the Authority shall notify the Service Provider within five (5) Business Days of becoming satisfied that the Proposed Project Network Part or the Scheme meet the Output Specification. If the Parties fail to agree that the Proposed Project Network Part or the Scheme meet the Output Specification the provisions of paragraph 3.1.5 shall apply;

3.1.10 from the Accrual Date:

3.1.10.1 the Proposed Project Network Part or Scheme shall become Accrued and the Service Provider shall, subject to paragraphs 3.1.6.3 and 3.1.7, provide the Services to such Project Network Part or Scheme from such date;

3.1.10.2 the risk in such Accrued Project Network Part or Scheme shall transfer to the Service Provider;

3.1.10.3 the Service Provider shall update the Management Information System in respect of the Accrued Project Network Part or Scheme in accordance with those timescales set out in Service Standard 1 of the Output Specification;

3.1.10.4 the Service Provider shall revise the energy forecast in accordance with paragraph 4.1.2 of the Payment Mechanism; and

3.1.10.5 the Authority shall revise the Monthly Unitary Charge in accordance with paragraph 5,

3.1.11 where the Authority requires the Service Provider to carry out works to any Proposed Project Network Part or Scheme pursuant to paragraph 3.1.6.2 and Schedule 7 (*Non-Core Services*), the Proposed Project Network Part or Scheme shall from the Accrual Date until the date completion of works pursuant to paragraph 5 of Schedule 7 (*Non-Core Services*) be deemed non-compliant with the Performance Requirements of the Output Specification to which the Authority referred in its notice pursuant to paragraph 3.1.6.3 and, subject to such agreed non-compliance, the risk in such Proposed Project Network Part or Scheme shall transfer on the Accrual Date to the Service Provider. The Service Provider shall be obliged to perform all the Services (other than those specified in the Authority's notice in paragraph 3.1.6.3 or as agreed or determined pursuant to paragraph 3.1.8) from the Accrual Date and shall be obliged to perform all Services from the completion date pursuant to paragraph 5 of Schedule 7 (*Non-Core Services*).

3.2 The Authority shall use reasonable endeavours to procure and transfer or assign to the Service Provider or any Service Provider Party the benefit of any warranties or guarantees provided to it by third parties in relation to any Accrued Project Network Parts provided that the Authority shall not be obliged to use reasonable endeavours

where to do so would require the Authority to incur material expenditure and/or where the Authority is not permitted to assign or transfer the warranty or guarantee pursuant to the terms and conditions therein.

4. DE-ACCRUAL OF PROJECT NETWORK PARTS

4.1 The Authority shall be entitled to request the De-Accrual of a Proposed Project Network Part or Scheme from the scope of the Services by giving written notice to the Service Provider ("**De-Accrual Notice**") of the following:

4.1.1 the location of the Proposed Project Network Part or Scheme to be De-Accrued;

4.1.2 details of the Proposed Project Network Part or Scheme to be De-Accrued;

4.1.3 whether the Authority considers there to be appropriate De-Accrual Calculation Values in respect of the Proposed Project Network Part or Scheme;

4.1.4 whether the Service Provider has provided the Authority with a Maintainability Assessment (including any amendments to such Maintainability Assessment pursuant to paragraph 2.9), and whether the Authority will be relying on any De-Accrual Calculation Values put forward by the Service Provider in the Maintainability Assessment pursuant to paragraphs 2.8 or 2.9 in determining the appropriate De-Accrual Value pursuant to paragraph 2;

4.1.5 the date on which the De-Accrual of the Proposed Project Network Part or Scheme is to take place (the "**De-Accrual Date**"); and

4.1.6 if the Authority requires the Proposed Project Network Part or Scheme to be De-Accrued to enable it to undertake work (or procure work to be undertaken) to such Project Network Part or Scheme and following completion of such work, for the Project Network Part or Scheme to be Accrued, the Authority shall confirm whether following such work the Project Network Part or Scheme will consist of different asset types from those which were De-Accrued provided that the Authority shall not be obliged pursuant to this paragraph 4.1.6 to Accrue any such De-Accrued Project Network Part or Scheme.

4.2 The Service Provider may not object to the De-Accrual of any Proposed Project Network Part or Scheme where the Authority has served a De-Accrual Notice. The Service Provider shall comply with all instructions of the Authority (acting reasonably) given in relation to the De-Accrual.

4.3 The Service Provider shall, within twenty (20) Business Days of receipt of the De-Accrual Notice, inspect the Proposed Project Network Part or the Scheme and within ten (10) Business Days of such inspection, (or where the Service Provider fails to undertake an inspection of the Proposed Project Network Part or the Scheme, within thirty (30) Business Days of receipt of the De-Accrual Notice) the Service Provider shall serve a notice on the Authority ("**Project Network Part Compliance Notice**") stating whether the Service Provider considers (acting reasonably) that the Proposed Project Network Part or the Scheme:

4.3.1 meets the standard referred to in the De-Accrual Notice; or

4.3.2 does not meet the standard referred to in the De-Accrual Notice providing details of such failure,

and

4.3.3 if the Authority has not provided the Service Provider with a Maintainability Assessment Notice pursuant to paragraph 2.1 in respect of such Proposed Project Network Part or the Scheme, does or does not comply with the Service Provider's Assumptions and confirming whether the Service Provider (acting reasonably) considers that the Authority has specified the appropriate De-Accrual Calculation Values in the De-Accrual Notice; and

4.3.4 if the Authority has provided the Service Provider with a Maintainability Assessment Notice pursuant to paragraph 2.1 in respect of such Proposed Project Network Part or the Scheme, stating that the commentary and De-Accrual Calculation Values(s) provided by the Service Provider in the Maintainability Assessment remain valid; or

provided that where, pursuant to paragraph 4.3.3, the Service Provider finds that the Proposed Project Network Part or the Scheme does not comply with the Service Provider's Assumptions, and the Authority has not specified the appropriate De-

Accrual Calculation Values in the De-Accrual Notice, the Service Provider shall (acting reasonably) propose the appropriate De-Accrual Calculation Values.

4.4 The Service Provider shall maintain the Proposed Project Network Part or Scheme that are the subject of a De-Accrual Notice in accordance with the provisions of the Output Specification until the De-Accrual Date.

4.5 From the De-Accrual Date:

4.5.1 the Proposed Project Network Part or Scheme which are the subject of a De-Accrual Notice shall cease to be treated as a Project Network Part or Project Network Parts for the purposes of this Contract;

4.5.2 risk in such Project Network Part(s) shall transfer to the Authority; and

4.5.3 the Service Provider shall:

4.5.3.1 if the De-Accrual Notice includes a Road Section Length, supply to the Authority (on request) any information relating to the carrying out of the Services on (or in the area of) the Road Section Length that is the subject of the De-Accrual Notice;

4.5.3.2 update the Management Information System in respect of such De-Accrual in accordance with the timescales set out in Service Standard 1 of the Output Specification;

4.5.3.3 revise the energy forecast in accordance with paragraph 4.1.2 of Schedule 4 (*Payment Mechanism*) where the relevant Proposed Project Network Part or Scheme is Powered Apparatus; and

4.5.4 the Authority shall revise the Monthly Unitary Charge in accordance with paragraph 5 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*), to reflect any De-Accrual.

5. EFFECT ON ANNUAL UNITARY CHARGE OF AN ACCRUAL OR DE-ACCRUAL

5.1 With effect from the Accrual Date, an Accrual Adjustment shall be made to the Monthly Unitary Charge. The Accrual Adjustment in respect of Accrued Project Network Part(s) shall include the sum of the Accrual Values for each of the Project Network Parts to be Accrued and shall be determined as follows:

5.1.1 the Accrual Value shall be calculated by adding the Operational Maintenance Value to the Programmed Maintenance Accrual Value, where the following formula shall be used to calculate the Programmed Maintenance Accrual Value:

$$\sum_I \text{NPV of Accrual Unit Cost of Intervention}$$

Annuity Factor

Where:

NPV of Accrual Unit Cost of Intervention is the net present value of the Accrual Unit Cost of Intervention, discounted from the Year of Accrual Intervention to the Accrual Date using the Treasury Discount Rate of 3.5%;

Accrual Unit Cost of Intervention is the value as contained in the column titled “Accrual Unit Cost of Intervention” of the Table in Part 3 of this Schedule 19 of the unit cost of the appropriate Intervention;

Year of Accrual Intervention is the value contained in the column titled “Number of Years from Accrual Date until Intervention” of the Table in Part 3 of this Schedule 19 added to the Accrual Date, provided that where such value would be greater than 25 the Programmed Maintenance Accrual Value shall be zero;

I is each appropriate Intervention required for each of the Project Network Parts;

Intervention is the treatment to be carried out to the Project Network Part which, for the three (3) Contract Years (or parts thereof) from the date at which the calculation is being carried out, shall be determined by reference to the Annual or Three Year Investment Programme (as applicable) in force at such date, and for the remainder of the Term (using where applicable the principles contained in Part 3 of this Schedule 19) shall be as agreed between the Parties (acting reasonably), taking into account the condition of the Project Network Part at the Accrual Date or De-Accrual Date;

$$\text{AnnuityFactor} = \frac{1 - \frac{1}{(1+r)^n}}{r}$$

Where:

r = the Treasury Discount Rate of 3.5%

n = 25 – Contract Year in which Project Network Part is to be Accrued

(the “**Accrual Value**”), and such Accrual Value or Accrual Values shall be used for the purposes of calculating the Accrual Adjustment in respect of the Month in which the Accrual Date occurs in accordance with paragraph 4 of Schedule 4 (*Payment Mechanism*);

5.1.2 where pursuant to paragraph 3.1.3.1(c) or paragraph 3.1.3.1(d)(b) there is no applicable Accrual Calculation Value or Accrual Calculation Values then for the purposes of calculating the Accrual Adjustment in respect of the Month in which the Accrual Date occurs, in accordance with paragraph 4 of Schedule 4 (*Payment Mechanism*), the Service Provider shall, as soon as reasonably practicable and acting reasonably, notify the Authority of:

5.1.2.1 the Service Provider's proposed additional Accrual Calculation Value(s) (as applicable), having regard to all relevant factors, including the existing Accrual Calculation Value(s) (as applicable) in relation to analogous Project Network Part(s) or as agreed pursuant to paragraph 2 or paragraph 3 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*);

5.1.2.2 details of and a commentary on pricing assumptions, including costs of labour, actual costs of materials, overheads and any other relevant pricing assumptions to support the information provided pursuant to paragraph 5.1.2.1,

and the Authority shall consider the Service Provider's proposal for the additional relevant Accrual Calculation Value(s) (as applicable) and the Parties shall (acting reasonably) endeavour to agree the proposed additional Accrual Calculation Value(s) (as applicable) to be used for calculating the

Accrual Value(s), and, upon agreement between the Parties, to be used for the Accrual Adjustment in respect of the Month in which the Accrual Date occurs in accordance with paragraph 4 of the Payment Mechanism, and if the Parties fail to agree additional Accrual Calculation Value(s) (as applicable) within ten (10) Business Days of the date of the Project Network Part Compliance Notice then the provisions of Clause 82 (*Dispute Resolution*) shall apply.

5.2 With effect from the De-Accrual Date, an Accrual Adjustment shall be made to the Monthly Unitary Charge. The Accrual Adjustment in respect of De-Accrued Project Network Part(s) shall include the sum of the De-Accrual Values for each of the Project Network Parts to be De-Accrued and shall be determined as follows:

5.2.1 the De-Accrual Value shall be calculated by adding the Operational Maintenance Value to the Programmed Maintenance De-Accrual Value, where the following formula shall be used to calculate the Programmed Maintenance De-Accrual Value:

$$\frac{\sum_I \text{NPV of De-Accrual Unit Cost of Intervention}}{\text{Annuity Factor}}$$

Where :

NPV of De-Accrual Unit Cost of Intervention is the net present value of the De-Accrual Unit Cost of Intervention, discounted from the Year of De-Accrual Intervention to the De-Accrual Date using the Treasury Discount Rate of 3.5%.;

De –Accrual Unit Cost of Intervention is the value as contained in the column titled “De-Accrual Unit Cost of Intervention” of the Table in Part 4 of this Schedule 19 of the unit cost of the appropriate Intervention;

I is each appropriate Intervention that would have been required for the Project Network Part;

Year of De-Accrual Intervention is the Contract Year in which it is agreed or determined that an Intervention would have been carried out to the De-Accrued Project Network Part;

$$\mathbf{AnnuityFactor} = \frac{1 - \frac{1}{(1 + r)^n}}{r}$$

Where:

r = the Treasury Discount Rate of 3.5%

n = 25 – Contract Year in which Project Network Part is to be De-Accrued

(the “**De-Accrual Value**”) and such De-Accrual Value or De-Accrual Values shall be used for the purposes of calculating the Accrual Adjustment in respect of the Month in which the De-Accrual Date occurs in accordance with paragraph 4 of Schedule 4 (*Payment Mechanism*);

5.2.2 where pursuant to paragraph 4.3.3 there is no applicable De-Accrual Calculation Value or De-Accrual Calculation Values then, for the purposes of calculating the Accrual Adjustment in respect of the Month in which the De-Accrual Date occurs, in accordance with paragraph 4 of Schedule 4 (*Payment Mechanism*), the Service Provider shall, as soon as reasonably practicable and acting reasonably, notify the Authority of:

5.2.2.1 the Service Provider's proposed additional De-Accrual Calculation Value(s) (as applicable), having regard to all relevant factors, including the existing De-Accrual Calculation Value(s) (as applicable) in relation to analogous Project Network Part(s) or as agreed pursuant to paragraph 2 or paragraph 4 of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*);

5.2.2.2 details of and a commentary on pricing assumptions, including costs of labour, actual costs of materials, overheads and any other relevant pricing assumptions to support the information provided pursuant to paragraph 5.2.2.1,

and the Authority shall consider the Service Provider's proposal for the additional relevant De-Accrual Calculation Value(s) (as applicable) and the Parties shall (acting reasonably) endeavour to agree the proposed additional De-Accrual Calculation Value(s) (as applicable) to be used for calculating the De-Accrual Value(s), and, upon agreement between the Parties, to be used for the Accrual Adjustment in respect of the Month in which the De-Accrual Date occurs in accordance with paragraph 4 of the Payment Mechanism, and if the Parties fail to agree additional De-Accrual Calculation Value(s) (as applicable) within ten (10) Business Days of the date of the Project Network Part Compliance Notice then the provisions of Clause 82 (*Dispute Resolution*) shall apply.

- 5.3 The Parties acknowledge and agree that:
- 5.3.1 the Programmed Maintenance Accrual Value represents the anticipated cost of Programmed Maintenance to be carried out to a Project Network Part during the remainder of the Term from the Accrual Date;
 - 5.3.2 the Programmed Maintenance De-Accrual Value represents the anticipated cost saving of Programmed Maintenance that will no longer be required to be carried out to a Project Network Part during the remainder of the Term from the De-Accrual Date; and
 - 5.3.3 the Operational Maintenance Value represents the cost for the performance of all other Services that would be required to be carried out to a Project Network Part during the remainder of the Term from the Accrual Date or De-Accrual Date.
- 5.4 For the avoidance of doubt, any dispute between the Parties in respect of compliance with the standards and specifications referred to in the Authority Notice of Accrual and in respect of the appropriate Accrual Value or De-Accrual Value shall not prevent the Accrual of the Project Network Part or Scheme pursuant to paragraph 3 on the Accrual Date or the De-Accrual of the Project Network Part or Scheme pursuant to paragraph 4 on the De-Accrual Date.
- 5.5 Notwithstanding any of the other provisions of this paragraph 5, the parties agree that the Authority shall be entitled to set off any Accrual Adjustment for the relevant Month against the Accrual Provision .

5.6 Within five (5) Business Days of the end of each Contract Year the Service Provider will identify to the Authority if in any Month or Months of the relevant Contract Year the Accrual Adjustment was less than the Accrual Provision. For any Month where the Accrual Adjustment was less than the Accrual Provision the difference between these amounts shall be refunded to the Authority by way of a one off Sundry Adjustment of all such amounts at the end of each Contract Year. The Service Provider shall include this amount in the next Draft Monthly Payment Report submitted to the Authority pursuant to Clause 56.4 (*Draft Monthly Payment Report*) following the end of each Contract Year.

6. LIMITATION ON THE LEVELS OF ACCRUALS AND DE-ACCRUALS

6.1 The Authority shall not be permitted, subject to paragraph 7, to Accrue or De-Accrue any Project Network Part which shall result in:

6.1.1 the net increase in the aggregate number of Project Network Parts which have been Accrued gives rise to a positive Accrual Adjustment equivalent to more than [REDACTED] (%) of the Annual Unitary Charge (the “**Accrual Cap**”); or

6.1.2 the net decrease in the aggregate number of Project Network Parts which have been De-Accrued gives rise to a negative Accrual Adjustment equivalent to more than [REDACTED] % of the Annual Unitary Charge (“**De-Accrual Cap**”);

then any further Accruals or De-Accruals in excess of the Accrual Cap or De-Accrual Cap (as the case may be) shall not be treated as an Accrual or De-Accrual but be dealt with as an Authority Change pursuant to Schedule 18 (*Change Protocol*).

6.2 If the Accrual Cap and/or the De-Accrual Cap is reached but the Parties agree pursuant to paragraph 7 (*Review of the Accrual and De-Accrual Procedure*) a revised Accrual Cap and/or a revised De-Accrual Cap (as the case may be), the provisions of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) shall continue to apply in Accruals and De-Accruals.

7. REVIEW OF THE ACCRUAL AND DE-ACCRUAL PROCEDURE

- 7.1 The Service Provider shall notify the Authority, when it considers (acting reasonably), that the Accrual Cap and/or De Accrual Cap will be reached within the following three (3) Months of the date of such notification.
- 7.2 If the Authority receives notification from the Service Provider pursuant to Clause 7.1, or in the event that the Accrual Cap and/or De-Accrual Cap is reached:
- 7.2.1 the Parties (acting reasonably) shall meet and may endeavour to agree a revised Accrual Cap and/or revised De-Accrual Cap and revised Accrual Values and/or De-Accrual Values as soon as reasonable practicable; or
- 7.2.2 the Authority may in its absolute discretion (as applicable), subject to the Accrual Caps and De-Accrual Caps:
- 7.2.2.1 De-Accrue any such number of Project Network Parts; or
- 7.2.2.2 Accrue any such number of Project Network Parts,
- so as to enable the Authority to continue Accruing and De-Accruing Project Networks Parts pursuant to the provisions of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*).
- 7.3 If the Parties fail to agree a revised Accrual Cap, revised De-Accrual Cap and revised Accrual Values and/or De-Accrual Values, the Authority may issue a High Value Change pursuant to Schedule 18 (*Change Protocol*) and the revised Accrual Cap, De-Accrual Cap, and revised Accrual Values and/or de- Accrual Values shall be determined pursuant to Part 3 of Schedule 18 (*Change Protocol*) and paragraph 6 to this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) and Parts 2, 3 and 4 shall be amended accordingly.

8. UPDATING ACCRUAL VALUES AND DE-ACCRUAL VALUES

- 8.1 The Parties acknowledge and agree that the prices set out in the table in Parts 2, 3 and 4 of this Schedule 19 shall apply for the Term and shall be Indexed.
- 8.2 If, pursuant to the provisions of this Schedule 19, additional Accrual Values and De-Accrual Values are agreed, the Parties shall update the table set out in Parts 2, 3 and 4

of this Schedule 19 (*Accrual and De-Accrual of Project Network Parts*) to include such additional Accrual Values and De-Accrual Values.

9. MAINTENANCE COSTS DURING DISPUTE

- 9.1 The provisions of paragraphs 9.2 to 9.8 shall apply where the Service Provider refers a Dispute in respect of (i) the information provided by the Authority pursuant to paragraph 3.1.1.14 or (ii) the matters referred to in paragraph 5 to Dispute Resolution Procedure and the Service Provider considers (acting reasonably) that the relevant Accrual Value(s) and/or De-Accrual Value(s), and/or the Accrual Adjustment, proposed by the Authority (the “**Authority’s Proposal**”) are insufficient and provided that, subject to paragraph 2.10, the Service Provider shall not be entitled to refer any Dispute in relation to the application of paragraph 2 to the extent the Service Provider has failed to comply with its obligations thereunder.
- 9.2 The Service Provider shall act reasonably in determining whether to refer a Dispute of the nature described in paragraph 9.1 to the Dispute Resolution Procedure and shall not refer such Disputes to the Dispute Resolution Procedure vexatiously.
- 9.3 On the date the Service Provider refers the matters described in paragraph 9.1 to the Dispute Resolution Procedure, the Service Provider shall also provide the Authority with written commentary and supporting evidence as to the matter(s) in Dispute, including the relevant Accrual Value(s) and/or De-Accrual Value(s), and/or the Accrual Adjustment, proposed by the Service Provider (the “**Service Provider’s Proposal**”).
- 9.4 The Authority may request any additional information it may reasonably require from the Service Provider within five (5) Business Days of the receipt of the written commentary provided by the Service Provider pursuant to paragraph 9.3.
- 9.5 The Service Provider shall provide any additional information requested by the Authority pursuant to paragraph 9.4 within five (5) Business Days of the receipt of such request.
- 9.6 The Authority shall, with effect from the relevant Accrual Date, make payments to the Service Provider in accordance with the Authority’s Proposal (for these purposes, adjusted by the Authority (acting reasonably) having regard to the Service Provider’s Proposal and the likely duration of any Dispute) until the outcome of the Dispute.

- 9.7 If the resolution or determination of the Dispute that is the subject of this paragraph 9 finds the relevant Accrual Value(s) and/or De-Accrual Value(s), and/or the Accrual Adjustment are such that the amount which has been paid by the Authority to the Service Provider pursuant to paragraph 9.5 is greater than it would have been had the amount so resolved or determined been paid throughout the relevant period (the “**Determined Amount**”), the difference between the amount so paid by the Authority and the Determined Amount shall be deemed to be an overpayment and the next Monthly Payment shall be adjusted by an amount equal to such overpayment plus interest on such overpayment from the date that such overpayment was made to the Service Provider until the date of such adjustment at a rate equal to two per cent (2%) above the Bank of England Base Rate from time to time.
- 9.8 Subject to paragraphs 9.1 to 9.6 (inclusive), the Parties shall continue to perform all their respective obligations under this Contract notwithstanding the referral of a Dispute under such paragraphs to the Dispute Resolution Procedure and nothing in this paragraph shall limit or reduce any remedies or recourse of the Authority pursuant to Schedule 4 (*Payment Mechanism*).

Part 2

Operational Maintenance Values table

Part 3

Accrual Values table – Programmed Maintenance

Part 4

Unit Cost of De-Accrual Interventions table – Programmed Maintenance

Part 5

Service Provider's Assumptions



Part 2: Accrual Values Table - Operational Maintenance Value Table

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
	Carriageways and Footways			
1	Primary Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
2	Secondary Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
3	Link Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
4	Local Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
5	City Centre Primary Zone Palette Carriageway - Platinum	City Centre Primary Zone Palette including full carriageway construction, ironwork, drainage (see Dwg No. HD/00134/34A, 32B and 33B for Grating and Drainage Grille details), Road Markings (Groups 41R, 46R, 47R, 48R & 49R) and granite channel. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
6	City Centre Secondary Zone Palette Carriageway	City Centre Primary Zone Palette including full carriageway construction (using Hot Rolled Asphalt with green chippings), ironwork, drainage, Road Markings. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
7	City Centre Primary Zone Palette Footway	City Centre Primary Zone Palette including full Footway construction and Kerbs (Group 38R) together with phosphor bronze or brass tactile studs at crossings (see Tactile Stud Standard Detail Drawing), Granite or Yorkstone Blister (25R & 26R), Cycleway (32R), Lozenge and Directional paving at bus stop boarders and Warning paving to top and bottom of steps. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
8	City Centre Secondary Zone Palette Footway	City Centre Secondary Zone Palette including full Footway construction and Kerbs (Groups 33R and 34R) (see Tactile Stud Standard Detail Drawing). Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
9	City Centre Ring Road and Distributor Road Palette Footway	City Centre Ring Road and Distributor Road Palette including full Footway construction and Kerbs (Group 21R). Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
10	City Centre Primary Zone Palette Steps	City Centre Primary Zone Palette including risers, tread, landings, tactiles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
11	City Centre Secondary Zone Palette Steps	City Centre Secondary Zone Palette including risers, tread, landings, tactiles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
12	City Centre Ring Road and Distributor Road Palette Steps	City Centre Ring Road and Distributor Road Palette including risers, tread, landings, tactiles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
13	Other Areas Steps	Other areas including risers, tread, landings, tactiles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
14	Gullies and catchpits	Includes covers, frames, gratings, connections and connections to drainage system	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
15	Linear drainage channel system	Includes covers, gratings, connections and connections to drainage system	Per metre	
16	Bituminous Footway	Includes full footway construction, ironwork and Kerbs. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
17	Bituminous Footway with Resin Bonded Surface	Includes full Group 10F footway construction, ironwork and Kerbs. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
18	Precast Unit Footway (outside City Centre)	Includes full footway construction, ironwork and Kerbs. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	
19	Controlled Tactile Crossing	As per Drawing No HD/1100/21/1. As per paving Group 13R (Red)	Per sq m	
20	Controlled Tactile Crossing (Primary Palette)	As per Drawing No HD/1100/21/1. Primary palette red granite tactiles as per paving Group 26R	Per sq m	
21	Uncontrolled Tactile Crossing	As per Drawing No HD/1100/21/2. As per paving Group 13R (Buff)	Per sq m	
22	Uncontrolled Tactile Crossing (Primary Palette 'Stud')	Primary palette brass stud version as per "Tactile stud standard detail drawing"	Per sq m	
23	Uncontrolled Tactile Crossing (Primary Palette)		Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
24	Bus Stop Tactile and Raised Kerb.	As per Drawing No HD/1100/22/2	Per item	
25	Plastic heavy duty grass protection (Truckpave or similar)	375mm deep construction comprising, 100mm unit, 25mm sand, 100mm rootstone, 150mm sub base	Per sq m	
26	Soakaway	Conventional soakaway - precast concrete/brick chamber and associated ironwork	Per item	
27	Petrol Interceptor	Surface water petrol interceptor and associated ironwork	Per item	
28	Hydrobrake	Flow control device, associated chamber and ironwork	Per item	
	Traffic Calming			
29	Bituminous Road Hump	Channel type, flat-top, height up to 85mm, bituminous, black finish, as per Drawing HD/700/6/1	Per sq m	
30	Bituminous Road Hump	Kerb-to-kerb type, flat-top, height up to 85mm, bituminous, black finish, excluding the two gulleys and connections, as per Drawing HD/700/6/1	Per sq m	
31	Bituminous Road Hump	Channel type, flat-top, height 85 to 100mm bituminous, black finish, as per Drawing HD/700/6/1	Per sq m	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
32	Bituminous Road Hump	Kerb-to-kerb type, flat-top, height 85 to 100mm, bituminous, black finish, with two gulleys and connections, as per Drawing HD/700/6/1	Per sq m	
33	Single Precast Concrete Road Cushion	As per Drawing HD/700/82/1. Type 1, 2 and 3, height 75mm above carriageway level, red finish.	Per sq m	
34	Double Precast Concrete Road Cushion	As per Drawing HD/700/82/2. Type 1, 2 and 3, height 75mm above carriageway level, red finish.	Per sq m	
35	Triple Precast Concrete Road Cushion	As per Drawing HD/700/82/3. Type 1, 2 and 3, height 75mm above carriageway level, red finish.	Per sq m	
36	Block Paved Plateau	As per Drawing HD/700/6/7, height 85mm, brindle coloured.	Per sq m	
40	Coloured surface treatment to carriageway or hump	Surface application, any colour.	Per sq m	
41	Rumble Strips	Raised strip in carriageway, any colour.	Per metre	
	Bus Lanes			
42	Bus lanes - Post applied treatments	A screed applied surface treatment manufactured from a plasticised rosin ester and polymers incorporating a high PSV natural aggregate and mineral extender 5mm thick. Colour to be to BS 381C N° 218 "Grass Green".	Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
	Cycle Lanes/Ways and Paths			
43	Cycle Lanes	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings	Per sq m	
44	Cycle Ways – Shared with pedestrians, unsegregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings	Per sq m	
45	Cycle Ways – Shared with pedestrians, segregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings, tactile delineation and bar-faced tactile way-finding paving.	Per sq m	
46	Cycle Ways – Shared with pedestrians, segregated	Including bar-faced tactile way-finding paving and Road Markings but excluding red surfacing and tactile delineation,	Per sq m	
47	Cycle Paths Shared with pedestrians, unsegregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings but with no edgings	Per sq m	
48	Cycle Paths Shared with pedestrians, unsegregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings with edgings.	Per sq m	
49	Cycle Paths Shared with pedestrians, segregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings, tactile delineation, bar-faced tactile way-finding paving but with no edgings.	Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
50	Cycle Paths Shared with pedestrians, segregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings, tactile delineation, bar-faced tactile way-finding paving and edgings.	Per sq m	
51	Cycle Ways – Shared with pedestrians, unsegregated	Block Paving (Group 22R) including Road Markings and channel	Per sq m	
52	City Centre Primary Zone Cycleway	Group 6R Red Granite cycleway	Per sq m	
	Street Furniture			
53	Steel Bollard – Non Illuminated	Black & White or plain colour steel bollard, 150-250mm diameter, 900-1250mm long	Per item	
54	Concrete Bollards – Non Illuminated	Slightly tapering concrete bollard, 150-250mm diameter, 900-1250mm long	Per item	
55	Wooden Bollards – Non Illuminated	Timber bollard, 100-200mm width, 900-1250 long	Per item	
55a	Green Oak Bollards – Non Illuminated	Green Oak Timber Bollard, 200mm x 200mm, 900-1250 long, with 100mm mowing strip and reflective band	Per item	
55b	Green Oak Bollards with reflective bands– Non Illuminated	Green Oak Timber Bollard, 300mm x 300mm, 900-1250 long, with 100mm mowing strip and reflective band and etched name	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
55c	Green Oak Bollards with etched street name – Non Illuminated	Green Oak Timber Bollard, 300mm x 300mm, 900-1250 long, with 100mm mowing strip and reflective band and etched name	Per item	
56	Cast Iron Bollards – Non Illuminated	Cast iron bollard, 150-250mm diameter, 900-1250 long	Per item	
57a	Pencil bollard	Appearance of a pencil (see Pencil Bollard standard detail drawing), any colour, 3 metre height	Per item	
57b	“Billy” / “Belinda” bollards	Ferrocast “Billy” / “Belinda” bollards, appearance of children	Per item	
58	K Frame	See standard detail “KBarrierDiagram”	Per item	
59	A Frame	See standard detail HD/400/43/9	Per item	
60	Litter Bin	½ litre Wybone MV40 bin or similar 510mm x 510mm x 1 metre height	Per item	
61	Litter Bin (District Centres)	Broxap Derby or similar, Stainless Steel	Per item	
62	Grit Bin	Imp Magenta Grit Bin or similar 1 metre wide x 600mm deep x 1 metre height Capacity ¾ tonne of salt	Per item	
63	Seat – Metal frame/wooden slats	Seat with back and arms. Metal frame with wooden slats	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
64	Bench– Metal frame/wooden slats	Bench with two arms but no back. Metal frame with wooden slats	Per item	
65	Seat – Metal frame/metal slats	Seat with back and two arms. Metal frame with metal slats	Per item	
66	Bench – Metal frame/metal slats	Bench with two arms but no back. Metal frame with metal slats	Per item	
67	Sheffield Cycle Stand	Sheffield Cycle Stand comprising galvanised 'hoop' shape tube	Per item	
	Grounds Maintenance			
76	Grassed Area	Herbage A	Per sq m	
77a	Grassed Area	Herbage B	Per sq m	
77b	Grassed Area	Herbage B - Wildflower Area	Per sq m	
78a	Grassed Area	Herbage C	Per sq m	
78b	Grassed Area	Herbage C - Wildflower Area	Per sq m	
80	Shrubs and Rose Areas		Per sq m	
81a	Planted Area (Type 1)		Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
81b	Planted Area (Type 2)		Per sq m	
81c	Highway Hedge		Per sq m	
81d	Non Highway Hedge		Per sq m	
82a	Boxes and Planters (Type 1)	Circular, oak type planter, planted with Type 1	Per sq m	
82b	Boxes and Planters (Type 1)	Plastic/polymer, Amberol Box type planter, planted with Type 1	Per sq m	
82c	Boxes and Planters (Type 1)	Rectangular oak box planter, planted with Type 1	Per sq m	
83a	Boxes and Planters (Type 2)	Circular, oak type planter, planted with Type 2	Per sq m	
83b	Boxes and Planters (Type 2)	Plastic/polymer, Amberol Box type planter, planted with Type 2	Per sq m	
83c	Boxes and Planters (Type 2)	Rectangular oak box planter, planted with Type 2	Per sq m	
84	Tree Type A	Extra Heavy Standard in Grass Verge Drawing RPDT/671/042	Per item	
85	Tree Type B	Semi Mature Tree in Grass Verge Drawing RPDT/671/042	Per item	
86	Tree Type C	Semi Mature Tree in Tree Grille RPDT/671/009. Excludes maintenance of tree grille	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
	Fences, Barriers and Guardrails			
87	Handrail	Tubular galvanised handrail formed from continuous length of 40mm – 60mm diameter tube	Per metre	
88	Pedestrian Guardrail- Type 1	See Standard Details HD/400/43/1	Per metre	
89	Pedestrian Guardrail- Type 3	See Standard Details HD/400/43/1/3 and HD/400/43/2/3	Per metre	
90	Pedestrian Guardrail- Type 4	See Standard Details HD/400/43/4 and HD/400/43/4B	Per metre	
91	Pedestrian Guardrail- Type 5	See Standard Details HD/400/43/5	Per metre	
92	Safety Barrier - tensioned		Per metre	
93	Safety Barrier - untensioned		Per metre	
94	Low height fencing – trip rail		Per metre	
95	Tubular Steel Fence		Per metre	
96	Chain Link Fence		Per metre	
97	Close Boarded Fence		Per metre	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
98a	Feather-edged Fence		Per metre	
98b	Wooden Diamond Fencing		Per metre	
	Traffic Signs, Street Name Plates and Road Markings			
99a	Traffic Signs Non Illuminated (TSRGD) Sign Face <0.1 sq m	Includes poles, fixings and sign plate	Per item	
99b	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.1 sq m & <0.3 sq m	Includes poles, fixings and sign plate	Per item	
99c	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m	Includes poles, fixings and sign plate	Per item	
99d	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m	Includes poles, fixings and sign plate	Per item	
100	Traffic Signs Non Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m	Includes poles, fixings and sign plate	Per item	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
101	Traffic Signs Non Illuminated (TSRGD) Sign Face >2 sq m & <3sq m	Includes poles, fixings and sign plate	Per item	
102a	Traffic Signs Non Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m	Includes poles, fixings and sign plate	Per item	
102b	Traffic Signs Non Illuminated (TSRGD) Sign Face >4 sq m	Includes poles, fixings and sign plate	Per item	
103a	Traffic Signs Illuminated (TSRGD) Sign Face <0.3 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
103b	Traffic Signs Illuminated (TSRGD) Sign Face <0.3 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
103c	Traffic Signs Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
103d	Traffic Signs Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
103e	Traffic Signs Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
103f	Traffic Signs Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
104a	Traffic Signs Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
104b	Traffic Signs Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
105a	Traffic Signs Illuminated (TSRGD) Sign Face >2 sq m & <3 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
105b	Traffic Signs Illuminated (TSRGD) Sign Face >2 sq m & <3 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
106a	Traffic Signs Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
106b	Traffic Signs Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
106c	Traffic Signs Illuminated (TSRGD) Sign Face >4 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	
106d	Traffic Signs Illuminated (TSRGD) Sign Face >4 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
107a	Bollards - Illuminated (TSRGD) (LED Solution)	LED Solution. Includes bases, internal lamp gear tray and cover, fastenings associated electrical components and internal cabling.	Per item	
107b	Bollards - Illuminated (TSRGD) (Non LED Solution)	Non LED Solution. Includes bases, internal lamp gear tray and cover, fastenings associated electrical components and internal cabling.	Per item	
108	Bollards - Non Illuminated (TSRGD)	Includes bases	Per item	
109	Street Name Plates	Includes poles, fixings and sign plate	Per item	
110	Road Markings	All road markings (including end bars) and associated regulatory road studs	Per metre	
112	Road Markings 'Dragons teeth'	Two rows of white teeth markings (as per Traffic Signs Regulations and General Directions 2002 on page 205, diag 1062)	Per metre	
113	'H' marking, to protect vehicular access	White marking 5 metres x 1 metre x 60 mm wide	Per item	
114	'H' marking, to protect ped. drop crossing	White marking 2.7 metres x 1 metre x 60mm wide	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
115	Disabled Logo (painted in parking spaces)	'Disabled' symbol in 60mm wide yellow road marking	Per item	
116a	"Keep Clear" marking on carriageway	Maximum height of markings 700mm	Per item	
116b	Arrow markings	White marking 2000mm in length	Per item	
116c	Arrow markings	White marking 4000mm in length	Per item	
116d	Letter markings	White or yellow marking up to 1000mm high	Per item	
116e	Letter markings	White or yellow marking greater than 1000mm high	Per item	
116f	Give way triangle	White marking	Per item	
116f	Speed roundel	White marking	Per item	
116f	Cycle symbol	White marking	Per item	
116g	Kerb markings	Yellow marking	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
	Street Lighting			
117a	High Mast Lighting >15m MH (LED Solution)	Includes any foundations, fixings, operational tools and winches, Luminaires, lamps, associated electrical components and internal cabling. (LED Solution)	Per item	
117b	High Mast Lighting >15m MH (Non LED Solution)	Includes any foundations, fixings, operational tools and winches, Luminaires, lamps, associated electrical components and internal cabling. (Non LED Solution)	Per item	
	Lighting Unit – Standard and at the following Mounting Heights	Includes foundation, column /wall fixing, Luminaire(s) lamps, associated electrical components and associated cabling	Per item	
118a	=<6m mounting height (LED Solution)	Ditto	Per item	
118b	=<6m mounting height (Non LED Solution)	Ditto	Per item	
119a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	
119b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
120a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
120b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
121a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	
121b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	
	Lighting Unit – Non Standard Variant Type 1 and at the following Mounting Heights	Shaft profile conical & swept, and Luminaire of similar design appearance to Urbis Aledo	Per item	
122a	=<6m mounting height (LED Solution)	Ditto	Per item	
122b	=<6m mounting height (Non LED Solution)	Ditto	Per item	
123a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
123b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	
124a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
124b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
125a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	
125b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	
	Lighting Unit – Non Standard Variant Type 2 and at the following Mounting Heights	Shaft profile conical and Luminaire of similar design appearance to Urbis Furio	Per item	
126a	=<6m mounting height (LED Solution)	Ditto	Per item	
126b	=<6m mounting height (Non LED Solution)	Ditto	Per item	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
127a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	
127b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	
128a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
128b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
129a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	
129b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	
	Lighting Unit – Non Standard Variant Type 3 and at the following Mounting Heights	Shaft profile and Luminaire of similar design appearance to Urbis Thylia lanterns on Thylia columns	Per item	
130a	=<6m mounting height (LED Solution)	Ditto	Per item	
130b	=<6m mounting height (Non LED Solution)	Ditto	Per item	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
131a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	
131b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	
132a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
132b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
133a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	
133b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	
	Lighting Unit – Non Standard Variant Type 4 and at the following Mounting Heights	Shaft material stainless steel and column profile swept with standard Luminaire	Per item	
134a	=<6m mounting height (LED Solution)	Ditto	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
134b	=<6m mounting height (Non LED Solution)	Ditto	Per item	
135b	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	
135b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	
136b	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
136b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
137b	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	
137b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	
	Lighting Unit – Non Standard Variant Type 5 and at the following Mounting Heights	Shaft material cast iron and Georgian/Victorian style post top pot optic Luminaire	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
138a	=<6m mounting height (LED Solution)	Ditto	Per item	
138b	=<6m mounting height (Non LED Solution)	Ditto	Per item	
139a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	
139b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	
140a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
140b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
	Lighting Unit – Non Standard Variant Type 6 and at the following Mounting Heights	Shaft with cast iron embellishments and Georgian/Victorian style post top pot optic Luminaire	Per item	
141a	=<6m mounting height (LED Solution)	Ditto	Per item	





Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
141b	=<6m mounting height (Non LED Solution)	Ditto	Per item	
142a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	
142b	>6m & =<10m mounting height (Non LED Solution)	Ditto	Per item	
143a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	
143b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	
144a	Recessed Lighting Units (LED Solution)	Fixings, Luminaire(s) lamps, associated electrical components and associated cabling (LED Solution)	Per item	
144b	Recessed Lighting Units (Non LED Solution)	Fixings, Luminaire(s) lamps, associated electrical components and associated cabling (Non LED Solution)	Per item	
145	Power variation and Activation Control equipment	Additional equipment to Standard ref bid	Per item	
146	Authorised attachments to street furniture	Fixings only	Per item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
	Traffic Signal/Control and ITS Infrastructure			
147	Traffic Signal Controller - up to 8 phase	Includes all components of Microprocessor Junction Controller – up to 8 phase, complete with Electricity Supply Pillar	Per Item	
148	Traffic Signal Controller - 8 to 12 phase	Includes all components of Microprocessor Junction Controller - 8 to 12 phase, complete with Electricity Supply Pillar	Per Item	
149	Traffic Signal Controller - 12 to 16 phase	Includes all components of Microprocessor Junction Controller - 12 to 16 phase, complete with Electricity Supply Pillar	Per Item	
150	Traffic Signal Controller - 16 to 20 phase	Includes all components of Microprocessor Junction Controller – 16 to 20 phase, complete with Electricity Supply Pillar	Per Item	
151	Traffic Signal Controller - 20 to 24 phase	Includes all components of Microprocessor Junction Controller - 20 to 24 phase, complete with Electricity Supply Pillar	Per Item	
152	Traffic Signal Controller - 24 to 28 phase	Includes all components of Microprocessor Junction Controller - 24 to 28 phase, complete with Electricity Supply Pillar	Per Item	
153	Pelican Controller	Includes all components of Microprocessor Pelican Controller, complete with Electricity Supply Pillar	Per Item	
154	Pelican Controller - Dual	Includes all components of Microprocessor Pelican Controller - Dual, complete with Electricity Supply Pillar	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
155	UTC Outstation	Includes all components of Outstation Monitoring Unit / Remote Monitoring Unit, complete with Electricity Supply Pillar	Per Item	
156	Traffic Signal Pole – Straight Galvanised	Includes Galvanised Traffic Signal Pole shop painted	Per Item	
157	Traffic Signal Pole – Cranked Galvanised	Includes Cranked Galvanised Traffic Signal Pole shop painted	Per Item	
158	Traffic Signal Pole – Wide Base Galvanised	Includes Wide Base Galvanised Traffic Signal Pole shop painted	Per Item	
159a	Traffic Signal Pole – Totem Galvanised	Includes 6.25m Totem Galvanised Traffic Signal Pole shop painted	Per Item	
159b	Traffic Signal Pole - Swan Necked Galvanised	Includes Swan Necked Galvanised Traffic Signal Pole shop painted.	Per Item	
160	Traffic Signal Head - 3 Aspect (RAG)	Includes 3 Aspect Traffic Signal Head (RAG), complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
161	Traffic Signal Head - 3 Aspect LED (RAG)	Includes 3 Aspect LED Traffic Signal Head (RAG), complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
162	Traffic Signal Head - 4 In-Line (RAG+Box Sign)	Includes 4 In-Line Traffic Signal Head (RAG+Box Sign), complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
163	Traffic Signal Head - 3 Aspect (RAG/RTIGA))	Includes 3 Aspect Traffic Signal Head (RAG/RTIGA) with side mounted Green Arrow complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
164	Traffic Signal Head - 3 Aspect LED (RAG/RTIGA))	Includes 3 Aspect LED Traffic Signal Head (RAG/RTIGA) with side mounted Green Arrow complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
165	Traffic Signal Head - 4 In-Line (RAG/RTIGA)	Includes 4 In-line Traffic Signal Head (RAG/RTIGA) complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
166	Traffic Signal Head - 4 In-Line LED (RAG/RTIGA)	Includes 4 In-line LED (RAG/RTIGA) Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
167	Pedestrian Traffic Signal Head - 2 Aspect	Includes 2 Aspect Pedestrian Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets	Per Item	
168	Pedestrian Traffic Signal Head - 2 Aspect LED	Includes 2 Aspect LED Pedestrian Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
169	TOUCAN Traffic Signal Head	Includes TOUCAN Traffic Signal Head, complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets	Per Item	
170	PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Combined)	Includes PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Combined display and demand unit) complete with Anti-vandal wait panel, Electrical gear and cabling, Brackets	Per Item	
171a	PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Separate)	Includes PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Separate display and demand units) complete with Anti-vandal wait panel, Electrical gear and cabling, Brackets	Per Item	
171b	PUFFIN / TOUCAN nearside high level head repeater unit	Includes PUFFIN/TOUCAN nearside display unit mounted at high level, complete with 'antivandal panel, electrical gear/cabling/brackets.	Per Item	
171c	PUFFIN / TOUCAN ped demand unit	Includes PUFFIN/TOUCAN nearside demand unit with antivandal ABU/panel, electrical gear, cabling and brackets and tactile unit.	Per Item	
171d	PUFFIN / TOUCAN combined ped/display/demand unit with tactile and audible unit	Includes PUFFIN/TOUCAN ped display demand unit with tactile unit, but with audible unit complete with electrical gear/cabling/brackets.	Per Item	
172	Wig-Wag Traffic Signal Head	Includes Wig-Wag Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	
173	Light Rail Transit (LRT) LED Traffic Signal Head	Includes Light Rail Transit (LRT) LED Traffic Signal Head complete with Aspects, Electrical gear and cabling, Brackets	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
174	Photo Electric Dimming Cell	Photo Electric Dimming Cell for above items complete with Electrical cabling, Brackets	Per Item	
175	Pedestrian Push Button Unit	Includes Pedestrian Push Button Unit complete with Anti Vandal Push Button Operator, Anti-vandal Pedestrian / Cycle Wait Panel, Electrical gear and cabling, Brackets	Per Item	
176	Pedestrian Push Button Audible Indicator	Includes item Pedestrian Push Button but with Audible Indicator complete with Electrical cabling, Brackets	Per Item	
177	Pedestrian Push Button but with Rotating Tactile Unit	Includes item Pedestrian Push Button but with Rotating Tactile Unit complete with Electrical cabling, Brackets	Per Item	
178	Pedestrian Push Button but with Audible Indicator and Rotating Tactile Unit	Includes item Pedestrian Push Button but with Audible Indicator and Rotating Tactile Unit complete with Electrical Cabling, Brackets	Per Item	
179	Above Ground Vehicle Detector	Includes Above Ground Vehicle Detector complete with all connectors and mounting bracket	Per Item	
180	On-crossing Above Ground Detector	Includes On-crossing Above Ground Detector complete will all connectors and mounting brackets	Per Item	
181	Kerbside Above Ground Detector	Includes Kerbside Above Ground Detector complete with all connectors and mounting brackets	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
182	Inductive vehicle loops	Includes slot cutting, supply and lay loop cable, connect to loop feeder, Test and Commission	Per metre	
183	Traffic Signal 16 Core Coloured Armoured Cable	Includes Cable - 16 Core Coloured Armoured Cable	Per metre	
184	Traffic Signal 16 Core White Numbered Armoured Cable	Includes Cable - 16 Core White Numbered Armoured Cable	Per metre	
185	Traffic Signal 8 Core Coloured Armoured Cable	Includes Cable - 8 Core Coloured Armoured Cable	Per metre	
186	Traffic Signal 4Core Coloured Armoured Cable	Includes Cable - 4 Core Coloured Armoured Cable	Per metre	
187	Traffic Signal 2 Core Armoured Loop / Above Ground Detection Feeder Cable	Includes Cable - 2 Core Armoured Loop / Above Ground Detection Feeder Cable	Per metre	
188	Traffic Signal 3 Core Red Sheathed Armoured Cable	Includes Cable - 3 Core Red Sheathed Armoured Cable	Per m	
189	Traffic Signal Feeder Pillar ¹	Includes Electricity Supply Pillar complete with Electrical gear and cabling	Per Item	
190	Traffic Signal Communication Supply Pillar	Includes Communication Supply Pillar	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
191a	Miscellaneous Equipment Case (MEC)	Includes full installation of Miscellaneous Equipment Case (MEC), complete with Electricity Supply Pillar and provision of supply, Pole, Housing	Per Item	
191b	I MESH router (housed within controller cabinet)	Includes IDT I Mesh route unit, cabling, suitable rack/mounts/brackets.	Per Item	
191c	PEEK I-OUT (Chameleon) outstation communications unit housed within controller cabinet	Includes PEEK I-OUT rack mounted unit, interface leads/cables/brackets.	Per Item	
191d	I MESH coax cable	Includes coax aerial cable including connectors.	Per metre	
191e	I MESH pole mounted aerial (single or bi-directional)	Includes I MESH aerial, (single or bi-directional) brackets, fixings, mounted on to pole/lighting column (covered elsewhere)	Per Item	
192	UTC CCTV	Includes all components of UTC CCTV, complete with Electricity Supply Pillar and provision of supply, Pole, Brackets, Housing, Cabinet, Electrical gear and cabling	Per Item	
193	Car Park and Matrix Variable Message Sign	Includes all components of ITS Car Park and Matrix Variable Message Sign, complete with Electricity Supply Pillar and provision of supply, Pole, Housing, Cabinet, Electrical gear and cabling, Brackets	Per Item	
194	Traffic Count site	Includes all components of ITS Count Loop site, complete with Electricity Supply Pillar and provision of supply, Detection, UTMC compatible traffic counter, Housing, Cabinet, Electrical gear and cabling, Brackets	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
195	Car Park Count site	Includes all components of ITS Car Park Count, complete with Electricity Supply Pillar and provision of supply, Detection, UTMC compatible car park counter, Housing, Cabinet, Electrical gear and cabling, Brackets	Per Item	
196	ANPR Camera	Includes all components of ITS ANPR Camera, complete with Electricity Supply and provision of supply, ANPR Camera, Electrical gear and cabling, Brackets	Per Item	
197a	Vehicle Activated Signs (Mains) 450mm Speed Roundel	Includes all components of ITS Vehicle Activated Sign, complete with Electricity Supply Pillar and provision of supply, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Incorporates two amber flashing units, one in each top corner of the sign face, and 'SLOW DOWN' beneath the 20/30/40mph speed-selectable roundel symbol. Current Supplier: Dambach UK (Swarco)	Per Item	
197b	Vehicle Activated Signs (Mains) 600mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, complete with Electricity Supply Pillar and provision of supply, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
197c	Vehicle Activated Signs (Mains) 750mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, complete with Electricity Supply Pillar and provision of supply, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	
198a	Vehicle Activated Signs (Solar) 450mm Speed Roundel	Includes all components of ITS Vehicle Activated Sign, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Incorporates two amber flashing units, one in each top corner of the sign face, and 'SLOW DOWN' beneath the 20/30/40mph speed-selectable roundel symbol. Current Supplier: Dambach UK (Swarco)	Per Item	
198b	Vehicle Activated Signs (Solar) 600mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	
198c	Vehicle Activated Signs (Solar) 750mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
199	Speed Indicator Device - Smiley SID (Mains)	Includes all components of ITS Speed Indicator Device, complete with Electricity Supply Pillar and provision of supply, Bluetooth enabled Speed Indicator Device, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Current Supplier: Traffic Technology Ltd	Per Item	
200a	Speed Indicator Device - Smiley SID (Solar)	Includes all components of ITS Speed Indicator Device, Bluetooth enabled Speed Indicator Device, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Current Supplier: Traffic Technology Ltd	Per Item	
200b	Speed Indicator Device - Smiley SID (Battery)	Includes all components of ITS Speed Indicator Device, Bluetooth enabled Speed Indicator Device, Pole, Housing, Brackets, Rechargeable Battery Unit. Excludes rotation and data downloads. Current Supplier: Traffic Technology Ltd	Per Item	
201a	Zebra Crossing (Non LED Solution)	Zebra crossing including road markings and amber beacons	Per Item	
201b	Zebra Crossing (LED Solution)	Zebra crossing including road markings and amber beacons	Per Item	
	City Centre Palette Furniture			
202	Bronze and Granite Seat	As per Drawing No. RPDT/671/050, 051 and 052	Per Item	
203	Bronze Handrail	As per Drawing No. RPDT/671/035	Per metre	
204	Bronze Cycle Stand	As per Drawing No. RPDT/671/031	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
205	Bronze Motorcycle Stand	As per Drawing No. RPDT/671/059	Per Item	
206	Bronze Bollard Large	As per Drawing No. RPDT/671/053 and 054	Per Item	
207	Bronze Bollard Large Removable	As per Drawing No. RPDT/671/054 and 029	Per Item	
208	Bronze Bollard Small	As per Drawing No. RPDT/671/055	Per Item	
209	Bronze Bollard Small Removable	As per Drawing No. RPDT/671/055	Per Item	
210	Bronze Bollard with Sign	As per Drawing No. RPDT/671/056	Per Item	
211	Bronze Litter Bin	As per Drawing No. RPDT/671/057 and 013	Per Item	
212	Stainless Steel and Granite Seat	As per Drawing No. RPDT/671/014 and 015	Per Item	
213	Illuminated Stainless Steel and Granite Seat	As per Drawing No. RPDT/671/037, 012 and 014	Per Item	
214	Stainless Steel and Granite Seat with back and arms	As per Drawing No. RPDT/671/016, 017 018, 019 and 014, (020 optional)	Per Item	
215	Illuminated Stainless Steel and Granite Seat with back and arms	As per Drawing No. RPDT/671/038 and 012, 014, 016, 017, 018, 019, 020 optional	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
216a	5m Stone Seats with back as The Moor design (Illuminated)	As per Drawing No. RPDT_671_070, 071, 072, 073, 074, 075, 076 & 020 optional	Per Item	
216b	3m Stone Bench as The Moor design (Illuminated)	As per Drawing No. RPDT_671_070, 071, 072, 073, 074, 075, 076 & 020 optional	Per Item	
216c	5m Stone Bench as The Moor design (Illuminated)	As per Drawing No. RPDT_671_070, 071, 072, 073, 074, 075, 076 & 020 optional	Per Item	
217	Stainless Steel Cycle Stand	As per Drawing No. RPDT/671/022	Per Item	
218	Stainless Steel Motorcycle Stand	As per Drawing No. RPDT/671/021	Per Item	
219	Stainless Steel Bollard Large	As per Drawing No. RPDT/671/028 and 030	Per Item	
220	Removable Stainless Steel Bollard Large	As per Drawing No. RPDT/671/028, 029 and 030	Per Item	
221	Illuminated Large Stainless Steel Bollard	As per Drawing No. RPDT/671/024, 028 and 030	Per Item	
222	Stainless Steel Bollard Slender	As per Drawing No. RPDT/671/011	Per Item	
223	Stainless Steel Help Bollard	As per Drawing No. RPDT/671/023 and 028	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
224	Stainless Steel Bollard with Sign	As per Drawing No. RPDT/671/033	Per Item	
225	Illuminated Stainless Steel Bollard with sign	As per Drawing No. RPDT/671/033	Per Item	
226	Stainless Steel Litter Bin	As per Drawing No. RPDT/671/025, 026, 013, and 027	Per Item	
227	Stainless Steel Guide Rail	As per Drawing No. RPDT/671/034	Per metre	
228	Stainless Steel Handrail and Post	As per Drawing No. RPDT/671/035	Per metre	
229	Granite Seat with Central Plaque on Underlit Stainless Steel Plinth	As per Drawing No. RPDT/671/041	Per Item	
230	Tree Pit Construction for Paved Areas	As per Drawing No. RPDT/671/009	Per Item	
231	1.5m Square Tree Grille	As per Drawing No. RPDT/671/001	Per Item	
232	1.5m Square Tree Grille with Extended Sides and Uplighters	As per Drawing No. RPDT/671/002	Per Item	
233	1.5m replacement grille with 900mm aperture	As per Drawing No RPDT/671/032	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
234	1.8m Square Tree Grille	As per Drawing No. RPDT/671/003	Per Item	
235	1.8m Square Tree Grille with Extended Sides and Uplighters	As per Drawing No. RPDT/671/004	Per Item	
236	1.8m Square Tree Grille (900mm aperture) with Extended Sides and Uplighters	As per Drawing No. RPDT/671/010	Per Item	
237	1.2m square tree grille	As per Drawing No. RPDT/671/036	Per Item	
238	Sloped Granite block detail for tree surrounds for 1.5m grille	As per Drawing No. RPDT/671/005	Per Item	
239	Flat Granite block detail for tree surrounds for 1.5m grille	As per Drawing No. RPDT/671/006	Per Item	
240	Sloped Granite block detail for tree surrounds for 1.8m grille	As per Drawing No. RPDT/671/007	Per Item	
241	Flat Granite block detail for tree surrounds for 1.5m grille	As per Drawing No. RPDT/671/008	Per Item	
242	Bronze Planter	As per Drawing No. RPDT/671/058	Per Item	
243	Stainless Steel Planter Large	As per Drawing No. RPDT/671/039	Per Item	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
244	Stainless Steel Planter Small	As per Drawing No. RPDT/671/040	Per Item	
	Winter Maintenance			
245	Winter Maintenance Extra Over for Carriageway	Change Winter Maintenance designation from a non Priority Carriageway Route to a Priority 2 Carriageway Route	Per sq metre	
246	Winter Maintenance Extra Over for Carriageway	Change Winter Maintenance designation from a non Priority Carriageway Route to a Priority 1 Carriageway Route	Per sq metre	
247	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Carriageway Route to a Priority Pedestrian 3 Route	Per sq metre	
248	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Pedestrian Route to a Priority 2 Pedestrian Route	Per sq metre	
249	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Pedestrian Route to a Priority 1b Pedestrian Route	Per sq metre	
250	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Pedestrian Route to a Priority 1a Pedestrian Route	Per sq metre	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
-	<u>Street Cleaning</u>			
251	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal level of street cleaning services as described SS8 to a Neighbourhood Shop Site Type 1 standard	Per sq metre	
252	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Neighbourhood Shop Site Type 2 standard	Per sq metre	
253	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Neighbourhood Shop Site Type 3 standard	Per sq metre	
254	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Principal Shop Site standard	Per sq metre	
255	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Gateway standard	Per sq metre	
256a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Bronze Highway standard	Per sq metre	
256b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Bronze Highway standard	Per sq metre	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
257a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Copper Highway standard	Per sq metre	
257b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Copper Highway standard	Per sq metre	
258a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Silver Highway standard	Per sq metre	
258b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Silver Highway standard	Per sq metre	
259a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Gold Highway standard	Per sq metre	
259b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Gold Highway standard	Per sq metre	
260a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Platinum Highway standard	Per sq metre	
260b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Platinum Highway standard	Per sq metre	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
261	Other Designated Land	Other Designated Land	Per sq metre	
	Structures	Note: all areas stated in inspection items relate to deck area for bridges, exposed face for retaining walls or open cross sectional area for culverts		
262	Bearing- Elastomeric		Per no	
263	Bearing- Plane Sliding		Per no	
264	Bearing- Multiple Roller		Per no	
265	Bearing- Pot Fixed		Per no	
266	Bearing- Guide		Per no	
267a	Principal Inspection- Bridge over Primary or Secondary 0-100m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	
267b	Principal Inspection- Bridge over Primary or Secondary 100-200m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	
267c	Principal Inspection- Bridge Type 1 over Primary or Secondary 200-500m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
267d	Principal Inspection- Bridge Type 1 over Primary or Secondary 500-1000m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	
269a	Principal Inspection- Bridge over Link or Local 0-100m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	
269b	Principal Inspection- Bridge over Link or Local 100-200m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	
269c	Principal Inspection- Bridge over Link or Local 200-500m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	
269d	Principal Inspection- Bridge over Link or Local 500-1000m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	
271a	Principal Inspection- Bridge over footpath 0-100m ²	Principal inspections of a Bridge over a footpath	Per bridge	
271b	Principal Inspection- Bridge over footpath 100-200m ²	Principal inspections of a Bridge over a footpath	Per bridge	
271c	Principal Inspection- Bridge over footpath 200-500m ²	Principal inspections of a Bridge over a footpath	Per bridge	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
271d	Principal Inspection- Bridge over footpath 500-1000m ²	Principal inspections of a Bridge over a footpath	Per bridge	
272a	Principal Inspection- Bridge over rail 0-100m ²	Principal inspections of a Bridge over a railway	Per bridge	
272b	Principal Inspection- Bridge over rail 100-200m ²	Principal inspections of a Bridge over a railway	Per bridge	
272c	Principal Inspection- Bridge over rail 200-500m ²	Principal inspections of a Bridge over a railway	Per bridge	
272d	Principal Inspection- Bridge over rail 500-1000m ²	Principal inspections of a Bridge over a railway	Per bridge	
273a	Principal Inspection- Bridge over water 0-100m ²	Principal inspections of a Bridge over a water	Per bridge	
273b	Principal Inspection- Bridge over water 100-200m ²	Principal inspections of a Bridge over water	Per bridge	
273c	Principal Inspection- Bridge over water 200-500m ²	Principal inspections of a Bridge over water	Per bridge	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
273d	Principal Inspection- Bridge over water 500-1000m ³	Principal inspections of a Bridge over water	Per bridge	
274a	General Inspection- Bridge 0-25m ²	General inspections of a Bridge	Per bridge	
274b	General Inspection- Bridge 25-50m ²	General inspections of a Bridge	Per bridge	
274c	General Inspection- Bridge 50-200m ²	General inspections of a Bridge	Per bridge	
274d	General Inspection- Bridge 200-500m ²	General inspections of a Bridge	Per bridge	
274e	General Inspection- Bridge 500-1000m ²	General inspections of a Bridge	Per bridge	
275a	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
275b	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	
275c	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	
275d	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	
275e	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	
277a	Principal Inspection- Retaining Wall supporting highway with Link or Local below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with Link or Local Road Network Carriageway below	Per retaining wall	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
277b	Principal Inspection- Retaining Wall supporting highway with Link below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	
277c	Principal Inspection- Retaining Wall supporting highway with Link below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	
277d	Principal Inspection- Retaining Wall supporting highway with Link below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	
277e	Principal Inspection- Retaining Wall supporting highway with Link below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	
279a	Principal Inspection- Retaining Wall supporting highway with water below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	
279b	Principal Inspection- Retaining Wall supporting highway with water below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
279c	Principal Inspection- Retaining Wall supporting highway with water below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	
279d	Principal Inspection- Retaining Wall supporting highway with water below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	
279e	Principal Inspection- Retaining Wall supporting highway with water below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	
280a	Principal Inspection- Retaining Wall supporting highway with rail below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	
280b	Principal Inspection- Retaining Wall supporting highway with rail below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	
280c	Principal Inspection- Retaining Wall supporting highway with rail below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	
280d	Principal Inspection- Retaining Wall supporting highway with rail below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
280e	Principal Inspection- Retaining Wall supporting highway with rail below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	
281a	Principal Inspection- Retaining Wall above other 0-50m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	
281b	Principal Inspection- Retaining Wall above other 50-100m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	
281c	Principal Inspection- Retaining Wall above other 100-250m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	
281d	Principal Inspection- Retaining Wall above other 250-400m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	
281e	Principal Inspection- Retaining Wall above other 400-800m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
283a	General Inspection- Retaining Wall 0-50m ²	General inspection of a Retaining Wall	Per retaining wall	
283b	General Inspection- Retaining Wall 50-100m ²	General inspection of a Retaining Wall	Per retaining wall	
283c	General Inspection- Retaining Wall 100-250m ²	General inspection of a Retaining Wall	Per retaining wall	
283d	General Inspection- Retaining Wall 250-400m ²	General inspection of a Retaining Wall	Per retaining wall	
283e	General Inspection- Retaining Wall 400-800m ²	General inspection of a Retaining Wall	Per retaining wall	
284	Expansion joints- Buried Joint	Highways Agency Type 1 Buried joint under continuous surfacing	Per m	
285	Expansion joints- Asphaltic Plug	Highways Agency Type 2 Asphaltic Plug joint	Per m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
286	Expansion joints- Asphaltic Plug	Highways Agency Type 2 High Modulus Asphaltic Plug joint	Per m	
287	Expansion joints- Nosing	Highways Agency Type 4 Nosing with preformed compression seal	Per m	
288	Expansion joints- Reinforced Elastomeric	Highways Agency Type 5 Reinforced Elastomeric	Per m	
289	Expansion joints- BEJ Type	Highways Agency Type 6 Elastomeric in metal runners	Per m	
290	Expansion joints- Footbridge	Footbridge/Pedestrian Joint System	Per m	
291	Contraction joint	Contraction joint	Per m	
292	Deck	Concrete deck including deck, waterproofing and string course. Excludes carriageway, kerbs and footway	Per sq m deck	
293	Footbridge deck- steel checker plate	Steel checker plate deck to footbridge	Per sq m	
294	Footbridge deck- expanded steel mesh	Expanded steel mesh deck to footbridge	Per sq m	
295	Deck drainage	Deck drainage	Per sq m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
296	Structural steelwork- standard steel	All structural steelwork elements	Per sq m	
297	Structural steelwork- weathering steel	All structural steelwork elements	Per sq m	
298	Concrete beams	Concrete beams to bridges	Per sq m	
299	Reinforced concrete abutment	Reinforced concrete abutment including sub structure and back of wall drainage	Per sq m exposed face	
300	Reinforced earth abutment	Reinforced earth abutment including sub structure and back of wall drainage	Per sq m exposed face	
301	Gabion abutment	Gabion abutment including sub structure and back of wall drainage	Per sq m exposed face	
302	Reinforced concrete wing walls	Reinforced concrete wing walls including sub structure and back of wall drainage	Per sq m exposed face	
303	Reinforced earth wing walls	Reinforced earth wing walls including sub structure and back of wall drainage	Per sq m exposed face	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
304	Gabion wing walls	Gabion wing walls including sub structure and back of wall drainage	Per sq m exposed face	
305	Pedestrian restraint/protection-tubular steel handrail	Pedestrian restraint/protection to wing wall, retaining walls, and headwalls-tubular steel	Per m	
306	Pedestrian restraint/protection-timber post and rail handrail	Pedestrian restraint/protection to wing wall, retaining walls, and headwalls-timber post and rail	Per m	
307	N1 Steel Parapet	N1 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
308	N2 Steel Parapet	N2 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
309	H1 Steel Parapet	H1 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
310	H2 Steel Parapet	H2 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
311	H4a Steel Parapet	H4a containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
312	N1 Galvanised Steel Parapet	N1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
313	N2 Galvanised Steel Parapet	N1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
314	H1 Galvanised Steel Parapet	N1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
315	H2 Galvanised Steel Parapet	N1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
316	H4a Galvanised Steel Parapet	N1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
317	N1 Aluminium Parapet	N1 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
318	N2 Aluminium Parapet	N2 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
319	H1 Aluminium Parapet	H1 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
320	H2 Aluminium Parapet	H2 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
321a	H4a Aluminium Parapet	H4a containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	
321b	Brick parapet	Brick parapet to bridge or retaining wall	Per m	
321c	Masonry parapet	Masonry parapet to bridge or retaining wall	Per m	
322	Gabion Retaining Wall <0.6m	Gabion Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
323	Gabion Retaining Wall >0.6m & <1.5m	Gabion Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
324	Gabion Retaining Wall >1.5m	Gabion Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
325	Mass Concrete Retaining Wall <0.6m	Mass Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
326	Mass Concrete Retaining Wall >0.6m & <1.5m	Mass Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
327	Mass Concrete Retaining Wall >1.5m	Mass Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
328	Mass Concrete Retaining Wall with masonry facing <0.6m	Mass Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	
329	Mass Concrete Retaining Wall with masonry facing >0.6m & <1.5m	Mass Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	
330	Mass Concrete Retaining Wall with masonry facing >1.5m	Mass Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	
331	Reinforced Concrete Retaining Wall <0.6m	Reinforced Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
332	Reinforced Concrete Retaining Wall >0.6m & <1.5m	Reinforced Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
333	Reinforced Concrete Retaining Wall >1.5m	Reinforced Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
334	Reinforced Concrete Retaining Wall with masonry facing <0.6m	Reinforced Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	
335	Reinforced Concrete Retaining Wall with masonry facing >0.6m & <1.5m	Reinforced Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	
336	Reinforced Concrete Retaining Wall with masonry facing >1.5m	Reinforced Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	
337	Reinforced Earth Retaining Wall <0.6m	Reinforced Earth Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
338	Reinforced Earth Retaining Wall >0.6m & <1.5m	Reinforced Earth Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
339	Reinforced Earth Retaining Wall >1.5m	Reinforced Earth Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
340	Masonry Retaining Wall <0.6m	Masonry Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
341	Masonry Retaining Wall >0.6m & <1.5m	Masonry Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
342	Masonry Retaining Wall >1.5m	Masonry Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	
343	Culvert- concrete of internal cross sectional area <0.3m ²	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deacrual process	Per m	
344	Culvert- concrete of internal cross sectional area >0.3m ² & <1.1m ²	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deacrual process	Per m	



Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
345	Culvert- concrete of internal cross sectional area $>1.1m^2$ & $<2.5m^2$	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	
346	Culvert- concrete of internal cross sectional area $>2.5m^2$	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	
347	Culvert- plastic of internal cross sectional area $<0.3m^2$	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	
348	Culvert- plastic of internal cross sectional area $>0.3m^2$ & $<1.1m^2$	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	
349	Culvert- plastic of internal cross sectional area $>1.1m^2$ & $<2.5m^2$	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	
350	Culvert- plastic of internal cross sectional area $>2.5m^2$	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	
351	Principal Inspection- Culvert $<0.3m^2$	Principal inspection of a Culvert	Per culvert	
352	Principal Inspection- Culvert $>0.3m^2$ & $<1.1m^2$	Principal inspection of a Culvert	Per culvert	



Call for Final Tender
Volume 4 – Finance
4.3 Non-Core Pricing
4.3.15 Accruals/De-Accruals
Schedule 19: Part 2 – Operational Maintenance

Item No	Project Network Part	Description	Unit	Operational Maintenance Value (£/annum)
353	Principal Inspection- Culvert >1.1m ² & <2.5m ²	Principal inspection of a Culvert	Per culvert	
354	Principal Inspection- Culvert >2.5m ²	Principal inspection of a Culvert	Per culvert	
356	General Inspection- Culvert <0.3m ²	General inspection of a Culvert	Per culvert	
357	General Inspection- Culvert >0.3m ² & <1.1m ²	General inspection of a Culvert	Per culvert	
358	General Inspection- Culvert >1.1m ² & <2.5m ²	General inspection of a Culvert	Per culvert	
359	General Inspection- Culvert >2.5m ²	General inspection of a Culvert	Per culvert	

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
Carriageways and Footways								
1	Primary Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	15				
2	Secondary Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	15				
3	Link Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	20				
4	Local Road Network Carriageway	Includes full carriageway construction, ironwork, drainage, Road Markings, Road Studs, Street Name Plates. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	20				
5	City Centre Primary Zone Palette Carriageway - Platinum	City Centre Primary Zone Palette including full carriageway construction, ironwork, drainage (see Dwg No. HD/00134/34A, 32B and 33B for Grating and Drainage Grille details), Road Markings (Groups 41R, 46R, 47R, 48R & 49R) and granite channel. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	15				
6	City Centre Secondary Zone Palette Carriageway	City Centre Secondary Zone Palette including full carriageway construction (using Hot Rolled Asphalt with green chippings), ironwork, drainage, Road Markings. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	15				
7	City Centre Primary Zone Palette Footway	City Centre Primary Zone Palette including full Footway construction and Kerbs (Group 38R) together with phosphor bronze or brass tactile studs at crossings (see Tactile Stud Standard Detail Drawing), Granite or Yorkstone Blister (25R & 26R), Cycleway (32R), Lozenge and Directional paving at bus stop boarders and Warning paving to top and bottom of steps. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
8	City Centre Secondary Zone Palette Footway	City Centre Secondary Zone Palette including full Footway construction and Kerbs (Groups 33R and 34R) (see Tactile Stud Standard Detail Drawing). Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
9	City Centre Ring Road and Distributor Road Palette Footway	City Centre Ring Road and Distributor Road Palette including full Footway construction and Kerbs (Group 21R). Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	20				
10	City Centre Primary Zone Palette Steps	City Centre Primary Zone Palette including risers, tread, landings, tangles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
11	City Centre Secondary Zone Palette Steps	City Centre Secondary Zone Palette including risers, tread, landings, tangles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
12	City Centre Ring Road and Distributor Road Palette Steps	City Centre Ring Road and Distributor Road Palette including risers, tread, landings, tangles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
13	Other Areas Steps	Other areas including risers, tread, landings, tangles, edgings, handrail and posts. Assuming non Priority Carriageway Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
14	Gullies and catchpits	Includes covers, frames, gratings, connections and connections to drainage system	Per item	25				
15	Linear drainage channel system	Includes covers, gratings, connections and connections to drainage system	Per metre	25				
16	Bituminous Footway	Includes full footway construction, ironwork and Kerbs. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	20				
17	Bituminous Footway with Resin Bonded Surface	Includes full Group 10F footway construction, ironwork and Kerbs. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	20				
18	Precast Unit Footway (outside City Centre)	Includes full footway construction, ironwork and Kerbs. Assuming non Priority Pedestrian Route Winter Maintenance designation and the minimal standard of street cleaning services as described SS8	Per sq m	25				
19	Controlled Tactile Crossing	As per Drawing No HD/1100/21/1. As per paving Group 13R (Red)	Per sq m	25				
20	Controlled Tactile Crossing (Primary Palette)	As per Drawing No HD/1100/21/1. Primary palette red granite tangles as per paving Group 26R	Per sq m	25				
21	Uncontrolled Tactile Crossing	As per Drawing No HD/1100/21/2. As per paving Group 13R (Buff)	Per sq m	25				
22	Uncontrolled Tactile Crossing (Primary Palette 'Stud')	Primary palette brass stud version as per "Tactile stud standard detail drawing"	Per sq m	25				
23	Uncontrolled Tactile Crossing (Primary Palette)		Per sq m	25				
24	Bus Stop Tactile and Raised Kerb.	As per Drawing No HD/1100/22/2	Per item	25				
25	Plastic heavy duty grass protection (Truckpave or similar)	375mm deep construction comprising, 100mm unit, 25mm sand, 100mm rootstone, 150mm sub base	Per sq m	25				
26	Soakaway	Conventional soakaway - precast concrete/brick chamber and associated ironwork	Per item	25				
27	Petrol Interceptor	Surface water petrol interceptor and associated ironwork	Per item	25				

Base RPIX (June 2012)	241.1
Current RPIX (January 2016)	258.4
Indexation Value	1.071754459

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
28	Hydrobrake	Flow control device, associated chamber and ironwork	Per item	25				
Traffic calming								
29	Bituminous Road Hump	Channel type, flat-top, height up to 85mm, bituminous, black finish, as per Drawing HD/700/6/1	Per sq m	25				
30	Bituminous Road Hump	Kerb-to-kerb type, flat-top, height up to 85mm, bituminous, black finish, excluding the two gulleys and connections, as per Drawing HD/700/6/1	Per sq m	25				
31	Bituminous Road Hump	Channel type, flat-top, height 85 to 100mm bituminous, black finish, as per Drawing HD/700/6/1	Per sq m	25				
32	Bituminous Road Hump	Kerb-to-kerb type, flat-top, height 85 to 100mm, bituminous, black finish, with two gulleys and connections, as per Drawing HD/700/6/1	Per sq m	25				
33	Single Precast Concrete Road Cushion	As per Drawing HD/700/82/1. Type 1, 2 and 3, height 75mm above carriageway level, red finish.	Per sq m	25				
34	Double Precast Concrete Road Cushion	As per Drawing HD/700/82/2. Type 1, 2 and 3, height 75mm above carriageway level, red finish.	Per sq m	25				
35	Triple Precast Concrete Road Cushion	As per Drawing HD/700/82/3. Type 1, 2 and 3, height 75mm above carriageway level, red finish.	Per sq m	25				
36	Block Paved Plateau	As per Drawing HD/700/6/7, height 85mm, brindle coloured.	Per sq m	25				
40	Coloured surface treatment to carriageway or hump	Surface application, any colour.	Per sq m	8				
41	Rumble Strips	Raised strip in carriageway, any colour.	Per metre	10				
Bus lanes								
42	Bus lanes - Post applied treatments	A screed applied surface treatment manufactured from a plasticised rosin ester and polymers incorporating a high PSV natural aggregate and mineral extender 5mm thick. Colour to be to BS 381C N° 218 "Grass Green".	Per sq m	8				
Cycle Lanes/Ways and Paths								
43	Cycle Lanes	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings	Per sq m	8				
44	Cycle Ways – Shared with pedestrians, unsegregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings	Per sq m	15				
45	Cycle Ways – Shared with pedestrians, segregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings, tactile delineation and bar-faced tactile way-finding paving.	Per sq m	15				
46	Cycle Ways – Shared with pedestrians, segregated	Including bar-faced tactile way-finding paving and Road Markings but excluding red surfacing and tactile delineation.	Per sq m	20				
47	Cycle Paths Shared with pedestrians, unsegregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings but with no edgings	Per sq m	15				
48	Cycle Paths Shared with pedestrians, unsegregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings with edgings.	Per sq m	15				
49	Cycle Paths Shared with pedestrians, segregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings, tactile delineation, bar-faced tactile way-finding paving but with no edgings.	Per sq m	15				
50	Cycle Paths Shared with pedestrians, segregated	Red surfacing (Colour to be to BS 381C N° 537 "Signal Red") including Road Markings, tactile delineation, bar-faced tactile way-finding paving and edgings.	Per sq m	15				
51	Cycle Ways – Shared with pedestrians, unsegregated	Block Paving (Group 22R) including Road Markings and channel	Per sq m	20				
52	City Centre Primary Zone Cycleway	Group 6R Red Granite cycleway	Per sq m	50				
Street Furniture								
53	Steel Bollard – Non Illuminated	Black & White or plain colour steel bollard, 150-250mm diameter, 900-1250mm long	Per item	25				
54	Concrete Bollards – Non Illuminated	Slightly tapering concrete bollard, 150-250mm diameter, 900-1250mm long	Per item	25				
55	Wooden Bollards – Non Illuminated	Timber bollard, 100-200mm width, 900-1250 long	Per item	12.5				
55a	Green Oak Bollards – Non Illuminated	Green Oak Timber Bollard, 200mm x 200mm, 900-1250 long, with 100mm mowing strip and reflective band	Per item	10				
55b	Green Oak Bollards with reflective bands– Non Illuminated	Green Oak Timber Bollard, 300mm x 300mm, 900-1250 long, with 100mm mowing strip and reflective band and etched name	Per item	10				
55c	Green Oak Bollards with etched street name – Non Illuminated	Green Oak Timber Bollard, 300mm x 300mm, 900-1250 long, with 100mm mowing strip and reflective band and etched name	Per item	10				
56	Cast Iron Bollards – Non Illuminated	Cast iron bollard, 150-250mm diameter, 900-1250 long	Per item	25				
57a	Pencil bollard	Appearance of a pencil (see Pencil Bollard standard detail drawing), any colour, 3 metre height	Per item	15				
57b	"Billy" / "Belinda" bollards	Ferrocast "Billy" / "Belinda" bollards, appearance of children	Per item	25				
58	K Frame	See standard detail "KBarrierDiagram"	Per item	25				
59	A Frame	See standard detail HD/400/43/9	Per item	25				
60	Litter Bin	½ litre Wybone MV40 bin or similar 510mm x 510mm x 1 metre height	Per item	15				
61	Litter Bin (District Centres)	Broxap Derby or similar, Stainless Steel	Per item	25				
62	Grit Bin	Imp Magenta Grit Bin or similar 1 metre wide x 600mm deep x 1 metre height Capacity ¼ tonne of salt	Per item	15				
63	Seat – Metal frame/wooden slats	Seat with back and arms. Metal frame with wooden slats	Per item	25				
64	Bench– Metal frame/wooden slats	Bench with two arms but no back. Metal frame with wooden slats	Per item	25				
65	Seat – Metal frame/metal slats	Seat with back and two arms. Metal frame with metal slats	Per item	25				
66	Bench – Metal frame/metal slats	Bench with two arms but no back. Metal frame with metal slats	Per item	25				
67	Sheffield Cycle Stand	Sheffield Cycle Stand comprising galvanised 'hoop' shape tube	Per item	25				
Grounds Maintenance								
76	Grassed Area	Herbage A	Per sq m	25				
77a	Grassed Area	Herbage B	Per sq m	25				
77b	Grassed Area	Herbage B - Wildflower Area	Per sq m	25				
78a	Grassed Area	Herbage C	Per sq m	25				
78b	Grassed Area	Herbage C - Wildflower Area	Per sq m	25				
80	Shrubs and Rose Areas		Per sq m	25				
81a	Planted Area (Type 1)		Per sq m	25				
81b	Planted Area (Type 2)		Per sq m	25				
81c	Highway Hedge		Per sq m	25				
81d	Non Highway Hedge		Per sq m	25				
82a	Boxes and Planters (Type 1)	Circular, oak type planter, planted with Type 1	Per sq m	15				
82b	Boxes and Planters (Type 1)	Plastic/polymer, Amberol Box type planter, planted with Type 1	Per sq m	10				
82c	Boxes and Planters (Type 1)	Rectangular oak box planter, planted with Type 1	Per sq m	15				
83a	Boxes and Planters (Type 2)	Circular, oak type planter, planted with Type 2	Per sq m	15				
83b	Boxes and Planters (Type 2)	Plastic/polymer, Amberol Box type planter, planted with Type 2	Per sq m	10				
83c	Boxes and Planters (Type 2)	Rectangular oak box planter, planted with Type 2	Per sq m	15				
84	Tree Type A	Extra Heavy Standard in Grass Verge Drawing RPDT/671/042	Per item	50				
85	Tree Type B	Semi Mature Tree in Grass Verge Drawing RPDT/671/042	Per item	50				
86	Tree Type C	Semi Mature Tree in Tree Grille RPDT/671/009. Excludes maintenance of tree grille	Per item	50				
Fences, Barriers and Guardrails								
87	Handrail	Tubular galvanised handrail formed from continuous length of 40mm – 60mm diameter tube	Per metre	25				
88	Pedestrian Guardrail- Type 1	See Standard Details HD/400/43/1	Per metre	25				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
89	Pedestrian Guardrail- Type 3	See Standard Details HD/400/43/1/3 and HD/400/43/2/3	Per metre	25				
90	Pedestrian Guardrail- Type 4	See Standard Details HD/400/43/4 and HD/400/43/4B	Per metre	25				
91	Pedestrian Guardrail- Type 5	See Standard Details HD/400/43/5	Per metre	25				
92	Safety Barrier - tensioned		Per metre	25				
93	Safety Barrier - untensioned		Per metre	25				
94	Low height fencing – trip rail		Per metre	25				
95	Tubular Steel Fence		Per metre	25				
96	Chain Link Fence		Per metre	25				
97	Close Boarded Fence		Per metre	15				
98a	Feather-edged Fence		Per metre	15				
98b	Wooden Diamond Fencing		Per metre	15				
	Traffic Signs, Street Name Plates and Road Markings							
99a	Traffic Signs Non Illuminated (TSRGD) Sign Face <0.1 sq m	Includes poles, fixings and sign plate	Per item	25				
99b	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.1 sq m & <0.3 sq m	Includes poles, fixings and sign plate	Per item	25				
99c	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m	Includes poles, fixings and sign plate	Per item	25				
99d	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m	Includes poles, fixings and sign plate	Per item	25				
100	Traffic Signs Non Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m	Includes poles, fixings and sign plate	Per item	25				
101	Traffic Signs Non Illuminated (TSRGD) Sign Face >2 sq m & <3sq m	Includes poles, fixings and sign plate	Per item	25				
102a	Traffic Signs Non Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m	Includes poles, fixings and sign plate	Per item	25				
102b	Traffic Signs Non Illuminated (TSRGD) Sign Face >4 sq m	Includes poles, fixings and sign plate	Per item	25				
103a	Traffic Signs Illuminated (TSRGD) Sign Face <0.3 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
103b	Traffic Signs Illuminated (TSRGD) Sign Face <0.3 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
103c	Traffic Signs Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
103d	Traffic Signs Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
103e	Traffic Signs Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
103f	Traffic Signs Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
104a	Traffic Signs Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
104b	Traffic Signs Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
105a	Traffic Signs Illuminated (TSRGD) Sign Face >2 sq m & <3 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
105b	Traffic Signs Illuminated (TSRGD) Sign Face >2 sq m & <3 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
106a	Traffic Signs Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
106b	Traffic Signs Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
106c	Traffic Signs Illuminated (TSRGD) Sign Face >4 sq m (LED Solution)	LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
106d	Traffic Signs Illuminated (TSRGD) Sign Face >4 sq m (Non LED Solution)	Non LED Solution. Includes poles, fixings, sign plate luminaires, lamps, associated electrical components and internal cabling.	Per item	25				
106e	Traffic Signs Non Illuminated (TSRGD) Sign Face <0.1 sq m	Signface replacement	Per item	15				
106f	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.1 sq m & <0.3sq m	Signface replacement	Per item	15				
106g	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.3sq m & <0.5 sq m	Signface replacement	Per item	15				
106h	Traffic Signs Non Illuminated (TSRGD) Sign Face >0.5sq m & <1 sq m	Signface replacement	Per item	15				
106i	Traffic Signs Non Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m	Signface replacement	Per item	15				
106j	Traffic Signs Non Illuminated (TSRGD) Sign Face >2 sq m & <3sq m	Signface replacement	Per item	15				
106k	Traffic Signs Non Illuminated (TSRGD) Sign Face >3 sq m & <4sq m	Signface replacement	Per item	15				
106l	Traffic Signs Non Illuminated (TSRGD) Sign Face >4 sq m	Signface replacement	Per item	15				
107a	Bollards - Illuminated (TSRGD) (LED Solution)	LED Solution. Includes bases, internal lamp gear tray and cover, fastenings associated electrical components and internal cabling.	Per item	25				
107b	Bollards - Illuminated (TSRGD) (Non LED Solution)	Non LED Solution. Includes bases, internal lamp gear tray and cover, fastenings associated electrical components and internal cabling.	Per item	25				
108	Bollards - Non Illuminated (TSRGD)	Includes bases	Per item	25				
109	Street Name Plates	Includes poles, fixings and sign plate	Per item	25				
110	Road Markings	All road markings (including end bars) and associated regulatory road studs	Per metre	7				
112	Road Markings 'Dragons teeth'	Two rows of white teeth markings (as per Traffic Signs Regulations and General Directions 2002 on page 205, diag 1062)	Per metre	7				
113	'H' marking, to protect vehicular access	White marking 5 metres x 1 metre x 60 mm wide	Per item	7				
114	'H' marking, to protect ped. drop crossing	White marking 2.7 metres x 1 metre x 60mm wide	Per item	7				
115	Disabled Logo (painted in parking spaces)	'Disabled' symbol in 60mm wide yellow road marking	Per item	7				
116a	"Keep Clear" marking on carriageway	Maximum height of markings 700mm	Per item	7				
116b	Arrow markings	White marking 2000mm in length	Per item	7				
116c	Arrow markings	White marking 4000mm in length	Per item	7				
116d	Letter markings	White or yellow marking up to 1000mm high	Per item	7				
116e	Letter markings	White or yellow marking greater than 1000mm high	Per item	7				
116f	Give way triangle	White marking	Per item	7				
116f1	Speed roundel	White marking	Per item	7				
116f2	Cycle symbol	White marking	Per item	7				
116g	Kerb markings	Yellow marking	Per item	7				
	Street Lighting							
117.1	High Mast Lighting >15m MH (LED Solution)	Includes any foundations, fixings, operational tools and winches, Luminaires, lamps, associated electrical components and internal cabling. (LED Solution)	Per item	60				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
117.2	High Mast Lighting >15m MH (Non LED Solution)	Includes any foundations, fixings, operational tools and winches, Luminares, lamps, associated electrical components and internal cabling. (Non LED Solution)	Per item	60				
	Lighting Unit – Standard and at the following Mounting Heights	Includes foundation, column /wall fixing, Luminaire(s) lamps, associated electrical components and associated cabling	Per item					
118a	=<6m mounting height (LED Solution)	Ditto	Per item	50				
118b	=<6m mounting height (Non LED Solution)	Ditto	Per item	50				
119a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	50				
119b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	50				
120a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	50				
120b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	50				
121a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	50				
121b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	50				
	Lighting Unit – Non Standard Variant Type 1 and at the following Mounting Heights	Shaft profile conical & swept, and Luminaire of similar design appearance to Urbis Aledo	Per item					
122a	=<6m mounting height (LED Solution)	Ditto	Per item	30				
122b	=<6m mounting height (Non LED Solution)	Ditto	Per item	30				
123a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	30				
123b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	30				
124a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	30				
124b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	30				
125a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	30				
125b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	30				
	Lighting Unit – Non Standard Variant Type 2 and at the following Mounting Heights	Shaft profile conical and Luminaire of similar design appearance to Urbis Furio	Per item					
126a	=<6m mounting height (LED Solution)	Ditto	Per item	30				
126b	=<6m mounting height (Non LED Solution)	Ditto	Per item	30				
127a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	30				
127b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	30				
128a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	30				
128b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	30				
129a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	30				
129b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	30				
	Lighting Unit – Non Standard Variant Type 3 and at the following Mounting Heights	Shaft profile and Luminaire of similar design appearance to Urbis Thylla lanterns on Thylla columns	Per item					
130a	=<6m mounting height (LED Solution)	Ditto	Per item	30				
130b	=<6m mounting height (Non LED Solution)	Ditto	Per item	30				
131a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	30				
131b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	30				
132a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	30				
132b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	30				
133a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	30				
133b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	30				
	Lighting Unit – Non Standard Variant Type 4 and at the following Mounting Heights	Shaft material stainless steel and column profile swept with standard Luminaire	Per item					
134a	=<6m mounting height (LED Solution)	Ditto	Per item	75				
134b	=<6m mounting height (Non LED Solution)	Ditto	Per item	75				
135a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	75				
135b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	75				
136a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	75				
136b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	75				
137a	>12 & =<15m mounting height (LED Solution)	Ditto	Per item	75				
137b	>12 & =<15m mounting height (Non LED Solution)	Ditto	Per item	75				
	Lighting Unit – Non Standard Variant Type 5 and at the following Mounting Heights	Shaft material cast iron and Georgian/Victorian style post top pot optic Luminaire	Per item					
138a	=<6m mounting height (LED Solution)	Ditto	Per item	50				
138b	=<6m mounting height (Non LED Solution)	Ditto	Per item	50				
139a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	50				
139b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	50				
140a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	50				
140b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	50				
	Lighting Unit – Non Standard Variant Type 6 and at the following Mounting Heights	Shaft with cast iron embellishments and Georgian/Victorian style post top pot optic Luminaire	Per item					
141a	=<6m mounting height (LED Solution)	Ditto	Per item	50				
141b	=<6m mounting height (Non LED Solution)	Ditto	Per item	50				
142a	>6 & =<10m mounting height (LED Solution)	Ditto	Per item	50				
142b	>6 & =<10m mounting height (Non LED Solution)	Ditto	Per item	50				
143a	>10 & =<12m mounting height (LED Solution)	Ditto	Per item	50				
143b	>10 & =<12m mounting height (Non LED Solution)	Ditto	Per item	50				
144a	Recessed Lighting Units (LED Solution)	Fixings, Luminaire(s) lamps, associated electrical components and associated cabling (LED Solution)	Per item	25				
144b	Recessed Lighting Units (Non LED Solution)	Fixings, Luminaire(s) lamps, associated electrical components and associated cabling (Non LED Solution)	Per item	25				
145	Power variation and Activation Control equipment	Additional equipment to Standard ref bid	Per item	15				
146	Authorised attachments to street furniture Traffic Signal/Control and ITS Infrastructure	Fixings only	Per item	25				
147	Traffic Signal Controller - up to 8 phase	Includes all components of Microprocessor Junction Controller – up to 8 phase, complete with Electricity Supply Pillar	Per Item	25				
148	Traffic Signal Controller - 8 to 12 phase	Includes all components of Microprocessor Junction Controller - 8 to 12 phase, complete with Electricity Supply Pillar	Per Item	25				
149	Traffic Signal Controller - 12 to 16 phase	Includes all components of Microprocessor Junction Controller - 12 to 16 phase, complete with Electricity Supply Pillar	Per Item	25				
150	Traffic Signal Controller - 16 to 20 phase	Includes all components of Microprocessor Junction Controller – 16 to 20 phase, complete with Electricity Supply Pillar	Per Item	25				
151	Traffic Signal Controller - 20 to 24 phase	Includes all components of Microprocessor Junction Controller - 20 to 24 phase, complete with Electricity Supply Pillar	Per Item	25				
152	Traffic Signal Controller - 24 to 28 phase	Includes all components of Microprocessor Junction Controller - 24 to 28 phase, complete with Electricity Supply Pillar	Per Item	25				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
153	Pelican Controller	Includes all components of Microprocessor Pelican Controller, complete with Electricity Supply Pillar	Per Item	25				
154	Pelican Controller - Dual	Includes all components of Microprocessor Pelican Controller - Dual, complete with Electricity Supply Pillar	Per Item	25				
155	UTC Outstation	Includes all components of Outstation Monitoring Unit / Remote Monitoring Unit, complete with Electricity Supply Pillar	Per Item	30				
156	Traffic Signal Pole – Straight Galvanised	Includes Galvanised Traffic Signal Pole shop painted	Per Item	30				
157	Traffic Signal Pole – Cranked Galvanised	Includes Cranked Galvanised Traffic Signal Pole shop painted	Per Item	30				
158	Traffic Signal Pole – Wide Base Galvanised	Includes Wide Base Galvanised Traffic Signal Pole shop painted	Per Item	30				
159a	Traffic Signal Pole – Totem Galvanised	Includes 6.25m Totem Galvanised Traffic Signal Pole shop painted	Per Item	30				
159b	Traffic Signal Pole - Swan Necked Galvanised	Includes Swan Necked Galvanised Traffic Signal Pole shop painted.	Per Item	30				
160	Traffic Signal Head - 3 Aspect (RAG)	Includes 3 Aspect Traffic Signal Head (RAG), complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
161	Traffic Signal Head - 3 Aspect LED (RAG)	Includes 3 Aspect LED Traffic Signal Head (RAG), complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
162	Traffic Signal Head - 4 In-Line (RAG+Box Sign)	Includes 4 In-Line Traffic Signal Head (RAG+Box Sign), complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
163	Traffic Signal Head - 3 Aspect (RAG/RTIGA)	Includes 3 Aspect Traffic Signal Head (RAG/RTIGA) with side mounted Green Arrow complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
164	Traffic Signal Head - 3 Aspect LED (RAG/RTIGA)	Includes 3 Aspect LED Traffic Signal Head (RAG/RTIGA) with side mounted Green Arrow complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
165	Traffic Signal Head - 4 In-Line (RAG/RTIGA)	Includes 4 In-line Traffic Signal Head (RAG/RTIGA) complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
166	Traffic Signal Head - 4 In-Line LED (RAG/RTIGA)	Includes 4 In-line LED (RAG/RTIGA) Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	30				
167	Pedestrian Traffic Signal Head 2 Aspect	Includes 2 Aspect Pedestrian Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets	Per Item	30				
168	Pedestrian Traffic Signal Head 2 Aspect LED	Includes 2 Aspect LED Pedestrian Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets	Per Item	30				
169	TOUCAN Traffic Signal Head	Includes TOUCAN Traffic Signal Head, complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets	Per Item	25				
170	PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Combined)	Includes PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Combined display and demand unit) complete with Anti-vandal wait panel, Electrical gear and cabling, Brackets	Per Item	25				
171a	PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Separate)	Includes PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Separate display and demand units) complete with Anti-vandal wait panel, Electrical gear and cabling, Brackets	Per Item	25				
171b	PUFFIN / TOUCAN nearside high level head repeater unit	Includes PUFFIN/TOUCAN nearside display unit mounted at high level, complete with 'antivandal panel, electrical gear/cabling/brackets.	Per Item	25				
171c	PUFFIN / TOUCAN ped demand unit	Includes PUFFIN/TOUCAN nearside demand unit with antivandal ABU/panel, electrical gear,cabling and brackets and tactile unit.	Per Item	25				
171d	PUFFIN / TOUCAN combined ped/display/demand unit with tactile and audible unit	Includes PUFFIN/TOUCAN ped display demand unit with tactile unit, but with audible unit complete with electrical gear/cabling/brackets.	Per Item	25				
172	Wig-Wag Traffic Signal Head	Includes Wig-Wag Traffic Signal Head complete with Aspects, Anti-vandal lens, Electrical gear and cabling, Hoods, Louvres, Brackets, Backing Boards	Per Item	25				
173	Light Rail Transit (LRT) LED Traffic Signal Head	Includes Light Rail Transit (LRT) LED Traffic Signal Head complete with Aspects, Electrical gear and cabling, Brackets	Per Item	25				
174	Photo Electric Dimming Cell	Photo Electric Dimming Cell for above items complete with Electrical cabling, Brackets	Per Item	25				
175	Pedestrian Push Button Unit	Includes Pedestrian Push Button Unit complete with Anti Vandal Push Button Operator, Anti-vandal Pedestrian / Cycle Wait Panel, Electrical gear and cabling, Brackets	Per Item	25				
176	Pedestrian Push Button Audible Indicator	Includes item Pedestrian Push Button but with Audible Indicator complete with Electrical cabling, Brackets	Per Item	25				
177	Pedestrian Push Button but with Rotating Tactile Unit	Includes item Pedestrian Push Button but with Rotating Tactile Unit complete with Electrical cabling, Brackets	Per Item	25				
178	Pedestrian Push Button but with Audible Indicator and Rotating Tactile Unit	Includes item Pedestrian Push Button but with Audible Indicator and Rotating Tactile Unit complete with Electrical Cabling, Brackets	Per Item	25				
179	Above Ground Vehicle Detector	Includes Above Ground Vehicle Detector complete with all connectors and mounting bracket	Per Item	25				
180	On-crossing Above Ground Detector	Includes On-crossing Above Ground Detector complete with all connectors and mounting brackets	Per Item	25				
181	Kerbside Above Ground Detector	Includes Kerbside Above Ground Detector complete with all connectors and mounting brackets	Per Item	20				
182	Inductive vehicle loops	Includes slot cutting, supply and lay loop cable, connect to loop feeder, Test and Commission	Per metre	15				
183	Traffic Signal 16 Core Coloured Armoured Cable	Includes Cable - 16 Core Coloured Armoured Cable	Per metre	60				
184	Traffic Signal 16 Core White Numbered Armoured Cable	Includes Cable - 16 Core White Numbered Armoured Cable	Per metre	60				
185	Traffic Signal 8 Core Coloured Armoured Cable	Includes Cable - 8 Core Coloured Armoured Cable	Per metre	60				
186	Traffic Signal 4Core Coloured Armoured Cable	Includes Cable - 4 Core Coloured Armoured Cable	Per metre	60				
187	Traffic Signal 2 Core Armoured Loop / Above Ground Detection Feeder Cable	Includes Cable - 2 Core Armoured Loop / Above Ground Detection Feeder Cable	Per metre	60				
188	Traffic Signal 3 Core Red Sheathed Armoured Cable	Includes Cable - 3 Core Red Sheathed Armoured Cable	Per m	60				
189	Traffic Signal Feeder Pillar ¹	Includes Electricity Supply Pillar complete with Electrical gear and cabling	Per Item	30				
190	Traffic Signal Communication Supply Pillar	Includes Communication Supply Pillar	Per Item	30				
191a	Miscellaneous Equipment Case (MEC)	Includes full installation of Miscellaneous Equipment Case (MEC), complete with Electricity Supply Pillar and provision of supply, Pole, Housing	Per Item	30				
191b	I MESH router (housed within controller cabinet)	Includes IDT I Mesh route unit, cabling, suitable rack/mounts/brackets.	Per Item	15				
191c	PEEK I-OUT (Chameleon) outstation communications unit housed within controller cabinet	Includes PEEK I-OUT rack mounted unit, interface leads/cables/brackets.	Per Item	25				
191d	I MESH coax cable	Includes coax aerial cable including connectors.	Per metre	25				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
191e	I MESH pole mounted aerial (single or bi-directional)	Includes I MESH aerial, (single or bi-directional) brackets, fixings, mounted on to pole/lighting column (covered elsewhere)	Per Item	15				
191f	GPRS/3G router(housed within controller cabinet)	Includes IDT GPRS/3G router unit, cabling, suitable rack/mounts/brackets	Per Item	15				
191g	GPRS/3G coax cable	Includes coax aerial cable including connectors.	Per metre	25				
191h	GPRS/3G pole mounted aerial (single or bi-directional)	Includes GPRS/3G aerial, (single or bi-directional) brackets, fixings, mounted on to pole/lighting column (covered elsewhere)	Per Item	15				
192	UTC CCTV	Includes all components of UTC CCTV, complete with Electricity Supply Pillar and provision of supply, Pole, Brackets, Housing, Cabinet, Electrical gear and cabling	Per Item	25				
193	Car Park and Matrix Variable Message Sign	Includes all components of ITS Car Park and Matrix Variable Message Sign, complete with Electricity Supply Pillar and provision of supply, Pole, Housing, Cabinet, Electrical gear and cabling, Brackets	Per Item	25				
194	Traffic Count site	Includes all components of ITS Count Loop site, complete with Electricity Supply Pillar and provision of supply, Detection, UTMC compatible traffic counter, Housing, Cabinet, Electrical gear and cabling, Brackets	Per Item	30				
195	Car Park Count site	Includes all components of ITS Car Park Count, complete with Electricity Supply Pillar and provision of supply, Detection, UTMC compatible car park counter, Housing, Cabinet, Electrical gear and cabling, Brackets	Per Item	30				
196	ANPR Camera	Includes all components of ITS ANPR Camera, complete with Electricity Supply and provision of supply, ANPR Camera, Electrical gear and cabling, Brackets	Per Item	25				
197a	Vehicle Activated Signs (Mains) 450mm Speed Roundel	Includes all components of ITS Vehicle Activated Sign, complete with Electricity Supply Pillar and provision of supply, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Incorporates two amber flashing units, one in each top corner of the sign face, and 'SLOW DOWN' beneath the 20/30/40mph speed-selectable roundel symbol. Current Supplier: Dambach UK (Swarco)	Per Item	25				
197b	Vehicle Activated Signs (Mains) 600mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, complete with Electricity Supply Pillar and provision of supply, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	25				
197c	Vehicle Activated Signs (Mains) 750mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, complete with Electricity Supply Pillar and provision of supply, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	25				
198a	Vehicle Activated Signs (Solar) 450mm Speed Roundel	Includes all components of ITS Vehicle Activated Sign, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Incorporates two amber flashing units, one in each top corner of the sign face, and 'SLOW DOWN' beneath the 20/30/40mph speed-selectable roundel symbol. Current Supplier: Dambach UK (Swarco)	Per Item	25				
198b	Vehicle Activated Signs (Solar) 600mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	25				
198c	Vehicle Activated Signs (Solar) 750mm Triangular Warning Sign	Includes all components of ITS Vehicle Activated Sign, UTC compatible GPRS and Bluetooth enabled Vehicle Activated Sign, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Incorporates four amber flashing units, one in each corner of the sign face, and 'SLOW DOWN' beneath the triangular warning symbol. Current Supplier: Dambach UK (Swarco)	Per Item	25				
199	Speed Indicator Device - Smiley SID (Mains)	Includes all components of ITS Speed Indicator Device, complete with Electricity Supply Pillar and provision of supply, Bluetooth enabled Speed Indicator Device, Pole, Housing, Electrical gear and cabling, Brackets. Excludes rotation and data downloads. Current Supplier: Traffic Technology Ltd	Per Item	25				
200a	Speed Indicator Device - Smiley SID (Solar)	Includes all components of ITS Speed Indicator Device, Bluetooth enabled Speed Indicator Device, Pole, Housing, Brackets, Solar Panel(s). Excludes rotation and data downloads. Current Supplier: Traffic Technology Ltd	Per Item	25				
200b	Speed Indicator Device - Smiley SID (Battery)	Includes all components of ITS Speed Indicator Device, Bluetooth enabled Speed Indicator Device, Pole, Housing, Brackets, Rechargeable Battery Unit. Excludes rotation and data downloads. Current Supplier: Traffic Technology Ltd	Per Item	25				
201a	Zebra Crossing (Non LED Solution)	Zebra crossing including road markings and amber beacons	Per Item	25				
201b	Zebra Crossing (LED Solution)	Zebra crossing including road markings and amber beacons	Per Item	25				
City Centre Palette Furniture								
202	Bronze and Granite Seat	As per Drawing No. RPD/671/050, 051 and 052	Per Item	75				
203	Bronze Handrail	As per Drawing No. RPD/671/035	Per metre	75				
204	Bronze Cycle Stand	As per Drawing No. RPD/671/031	Per Item	75				
205	Bronze Motorcycle Stand	As per Drawing No. RPD/671/059	Per Item	75				
206	Bronze Bollard Large	As per Drawing No. RPD/671/053 and 054	Per Item	75				
207	Bronze Bollard Large Removable	As per Drawing No. RPD/671/054 and 029	Per Item	75				
208	Bronze Bollard Small	As per Drawing No. RPD/671/055	Per Item	75				
209	Bronze Bollard Small Removable	As per Drawing No. RPD/671/055	Per Item	75				
210	Bronze Bollard with Sign	As per Drawing No. RPD/671/056	Per Item	75				
211	Bronze Litter Bin	As per Drawing No. RPD/671/057 and 013	Per Item	75				
212	Stainless Steel and Granite Seat	As per Drawing No. RPD/671/014 and 015	Per Item	75				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
213	Illuminated Stainless Steel and Granite Seat	As per Drawing No. RPDT/671/037, 012 and 014	Per Item	75				
214	Stainless Steel and Granite Seat with back and arms	As per Drawing No. RPDT/671/016, 017 018, 019 and 014, (020 optional)	Per Item	75				
215	Illuminated Stainless Steel and Granite Seat with back and arms	As per Drawing No. RPDT/671/038 and 012, 014, 016, 017, 018, 019, 020 optional	Per Item	75				
216a	5m Stone Seats with back-as The Moor design (Illuminated)	As per Drawing No. RPDT_671_070, 071, 072, 073, 074, 075, 076 & 020 optional	Per Item	75				
216b	3m Stone Bench as The Moor design (Illuminated)	As per Drawing No. RPDT_671_070, 071, 072, 073, 074, 075, 076 & 020 optional	Per Item	75				
216c	5m Stone Bench as The Moor design (Illuminated)	As per Drawing No. RPDT_671_070, 071, 072, 073, 074, 075, 076 & 020 optional	Per Item	75				
217	Stainless Steel Cycle Stand	As per Drawing No. RPDT/671/022	Per Item	75				
218	Stainless Steel Motorcycle Stand	As per Drawing No. RPDT/671/021	Per Item	75				
219	Stainless Steel Bollard Large	As per Drawing No. RPDT/671/028 and 030	Per Item	75				
220	Removable Stainless Steel Bollard Large	As per Drawing No. RPDT/671/028, 029 and 030	Per Item	75				
221	Illuminated Large Stainless Steel Bollard	As per Drawing No. RPDT/671/024, 028 and 030	Per Item	75				
222	Stainless Steel Bollard Slender	As per Drawing No. RPDT/671/011	Per Item	75				
223	Stainless Steel Help Bollard	As per Drawing No. RPDT/671/023 and 028	Per Item	75				
224	Stainless Steel Bollard with Sign	As per Drawing No. RPDT/671/033	Per Item	75				
225	Illuminated Stainless Steel Bollard with sign	As per Drawing No. RPDT/671/033	Per Item	75				
226	Stainless Steel Litter Bin	As per Drawing No. RPDT/671/025, 026, 013, and 027	Per Item	75				
227	Stainless Steel Guide Rail	As per Drawing No. RPDT/671/034	Per metre	75				
228	Stainless Steel Handrail and Post	As per Drawing No. RPDT/671/035	Per metre	75				
229	Granite Seat with Central Plaque on Underlit Stainless Steel Plinth	As per Drawing No. RPDT/671/041	Per Item	75				
230	Tree Pit Construction for Paved Areas	As per Drawing No. RPDT/671/009	Per Item	75				
231	1.5m Square Tree Grille	As per Drawing No. RPDT/671/001	Per Item	25				
232	1.5m Square Tree Grille with Extended Sides and Uplighters	As per Drawing No. RPDT/671/002	Per Item	25				
233	1.5m replacement grille with 900mm aperture	As per Drawing No. RPDT/671/032	Per Item	25				
234	1.8m Square Tree Grille	As per Drawing No. RPDT/671/003	Per Item	25				
235	1.8m Square Tree Grille with Extended Sides and Uplighters	As per Drawing No. RPDT/671/004	Per Item	25				
236	1.8m Square Tree Grille (900mm aperture) with Extended Sides and Uplighters	As per Drawing No. RPDT/671/010	Per Item	25				
237	1.2m square tree grille	As per Drawing No. RPDT/671/036	Per Item	25				
238	Sloped Granite block detail for tree surrounds for 1.5m grille	As per Drawing No. RPDT/671/005	Per Item	75				
239	Flat Granite block detail for tree surrounds for 1.5m grille	As per Drawing No. RPDT/671/006	Per Item	75				
240	Sloped Granite block detail for tree surrounds for 1.8m grille	As per Drawing No. RPDT/671/007	Per Item	75				
241	Flat Granite block detail for tree surrounds for 1.5m grille	As per Drawing No. RPDT/671/008	Per Item	75				
242	Bronze Planter	As per Drawing No. RPDT/671/058	Per Item	75				
243	Stainless Steel Planter Large	As per Drawing No. RPDT/671/039	Per Item	75				
244	Stainless Steel Planter Small	As per Drawing No. RPDT/671/040	Per Item	75				
Winter Maintenance								
245	Winter Maintenance Extra Over for Carriageway	Change Winter Maintenance designation from a non Priority Carriageway Route to a Priority 2 Carriageway Route	Per sq metre	N/A				
246	Winter Maintenance Extra Over for Carriageway	Change Winter Maintenance designation from a non Priority Carriageway Route to a Priority 1 Carriageway Route	Per sq metre	N/A				
247	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Carriageway Route to a Priority Pedestrian 3 Route	Per sq metre	N/A				
248	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Pedestrian Route to a Priority 2 Pedestrian Route	Per sq metre	N/A				
249	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Pedestrian Route to a Priority 1b Pedestrian Route	Per sq metre	N/A				
250	Winter Maintenance Extra Over for Footway	Change Winter Maintenance designation from a non Priority Pedestrian Route to a Priority 1a Pedestrian Route	Per sq metre	N/A				
Street Cleaning								
251	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal level of street cleaning services as described SS8 to a Neighbourhood Shop Site Type 1 standard	Per sq metre	N/A				
252	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Neighbourhood Shop Site Type 2 standard	Per sq metre	N/A				
253	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Neighbourhood Shop Site Type 3 standard	Per sq metre	N/A				
254	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Principal Shop Site standard	Per sq metre	N/A				
255	Street Cleaning Extra Over	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a Gateway standard	Per sq metre	N/A				
256a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Bronze Highway standard	Per sq metre	N/A				
256b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Bronze Highway standard	Per sq metre	N/A				
257a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Copper Highway standard	Per sq metre	N/A				
257b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Copper Highway standard	Per sq metre	N/A				
258a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Silver Highway standard	Per sq metre	N/A				
258b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Silver Highway standard	Per sq metre	N/A				
259a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Gold Highway standard	Per sq metre	N/A				
259b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Gold Highway standard	Per sq metre	N/A				
260a	Street Cleaning Extra Over (Footway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Platinum Highway standard	Per sq metre	N/A				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
260b	Street Cleaning Extra Over (Carriageway)	Change Street Cleaning designation from the minimal standard of street cleaning services as described SS8 to a City Centre Platinum Highway standard	Per sq metre	N/A				
261	Other Designated Land	Other Designated Land	Per sq metre	N/A				
	Structures	Note: all areas stated in inspection items relate to deck area for bridges, exposed face for retaining walls or open cross sectional area for culverts						
262	Bearing- Elastomeric		Per m	25				
263	Bearing- Plane Sliding		Per m	25				
264	Bearing- Multiple Roller		Per m	25				
265	Bearing- Pot Fixed		Per m	25				
266	Bearing- Guide		Per m	25				
267a	Principal Inspection- Bridge over Primary or Secondary 0-100m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	N/A				
267b	Principal Inspection- Bridge over Primary or Secondary 100-200m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	N/A				
267c	Principal Inspection- Bridge Type 1 over Primary or Secondary 200-500m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	N/A				
267d	Principal Inspection- Bridge Type 1 over Primary or Secondary 500-1000m ²	Principal inspection of a Bridge over a Primary or Secondary Road Network Carriageway	Per bridge	N/A				
269a	Principal Inspection- Bridge over Link or Local 0-100m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	N/A				
269b	Principal Inspection- Bridge over Link or Local 100-200m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	N/A				
269c	Principal Inspection- Bridge over Link or Local 200-500m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	N/A				
269d	Principal Inspection- Bridge over Link or Local 500-1000m ²	Principal inspections of a Bridge over a Link or Local Road Network Carriageway	Per bridge	N/A				
271a	Principal Inspection- Bridge over footpath 0-100m ²	Principal inspections of a Bridge over a footpath	Per bridge	N/A				
271b	Principal Inspection- Bridge over footpath 100-200m ²	Principal inspections of a Bridge over a footpath	Per bridge	N/A				
271c	Principal Inspection- Bridge over footpath 200-500m ²	Principal inspections of a Bridge over a footpath	Per bridge	N/A				
271d	Principal Inspection- Bridge over footpath 500-1000m ²	Principal inspections of a Bridge over a footpath	Per bridge	N/A				
272a	Principal Inspection- Bridge over rail 0-100m ²	Principal inspections of a Bridge over a railway	Per bridge	N/A				
272b	Principal Inspection- Bridge over rail 100-200m ²	Principal inspections of a Bridge over a railway	Per bridge	N/A				
272c	Principal Inspection- Bridge over rail 200-500m ²	Principal inspections of a Bridge over a railway	Per bridge	N/A				
272d	Principal Inspection- Bridge over rail 500-1000m ²	Principal inspections of a Bridge over a railway	Per bridge	N/A				
273a	Principal Inspection- Bridge over water 0-100m ²	Principal inspections of a Bridge over water	Per bridge	N/A				
273b	Principal Inspection- Bridge over water 100-200m ²	Principal inspections of a Bridge over water	Per bridge	N/A				
273c	Principal Inspection- Bridge over water 200-500m ²	Principal inspections of a Bridge over water	Per bridge	N/A				
273d	Principal Inspection- Bridge over water 500-1000m ²	Principal inspections of a Bridge over water	Per bridge	N/A				
274a	General Inspection- Bridge 0-25m ²	General inspections of a Bridge	Per bridge	N/A				
274b	General Inspection- Bridge 25-50m ²	General inspections of a Bridge	Per bridge	N/A				
274c	General Inspection- Bridge 50-200m ²	General inspections of a Bridge	Per bridge	N/A				
274d	General Inspection- Bridge 200-500m ²	General inspections of a Bridge	Per bridge	N/A				
274e	General Inspection- Bridge 500-1000m ²	General inspections of a Bridge	Per bridge	N/A				
275a	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	N/A				
275b	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	N/A				
275c	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	N/A				
275d	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	N/A				
275e	Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with Primary or Secondary Road Network Carriageway below	Per retaining wall	N/A				
277a	Principal Inspection- Retaining Wall supporting highway with Link or Local below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with Link or Local Road Network Carriageway below	Per retaining wall	N/A				
277b	Principal Inspection- Retaining Wall supporting highway with Link below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	N/A				
277c	Principal Inspection- Retaining Wall supporting highway with Link below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	N/A				
277d	Principal Inspection- Retaining Wall supporting highway with Link below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	N/A				
277e	Principal Inspection- Retaining Wall supporting highway with Link below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with Link Road Network Carriageway below	Per retaining wall	N/A				
279a	Principal Inspection- Retaining Wall supporting highway with water below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	N/A				
279b	Principal Inspection- Retaining Wall supporting highway with water below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	N/A				
279c	Principal Inspection- Retaining Wall supporting highway with water below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	N/A				
279d	Principal Inspection- Retaining Wall supporting highway with water below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	N/A				
279e	Principal Inspection- Retaining Wall supporting highway with water below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with water below	Per retaining wall	N/A				
280a	Principal Inspection- Retaining Wall supporting highway with rail below 0-50m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	N/A				
280b	Principal Inspection- Retaining Wall supporting highway with rail below 50-100m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	N/A				
280c	Principal Inspection- Retaining Wall supporting highway with rail below 100-250m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	N/A				
280d	Principal Inspection- Retaining Wall supporting highway with rail below 250-400m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	N/A				
280e	Principal Inspection- Retaining Wall supporting highway with rail below 400-800m ²	Principal inspection of a Retaining Wall supporting a highway with a railway below	Per retaining wall	N/A				
281a	Principal Inspection- Retaining Wall above highway 0-50m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	N/A				
281b	Principal Inspection- Retaining Wall above other 50-100m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	N/A				
281c	Principal Inspection- Retaining Wall above other 100-250m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	N/A				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
281d	Principal Inspection- Retaining Wall above other 250-400m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	N/A				
281e	Principal Inspection- Retaining Wall above other 400-800m ²	Principal inspection of a Retaining Wall above the highway	Per retaining wall	N/A				
283a	General Inspection- Retaining Wall 0-50m ²	General inspection of a Retaining Wall	Per retaining wall	N/A				
283b	General Inspection- Retaining Wall 50-100m ²	General inspection of a Retaining Wall	Per retaining wall	N/A				
283c	General Inspection- Retaining Wall 100-250m ²	General inspection of a Retaining Wall	Per retaining wall	N/A				
283d	General Inspection- Retaining Wall 250-400m ²	General inspection of a Retaining Wall	Per retaining wall	N/A				
283e	General Inspection- Retaining Wall 400-800m ²	General inspection of a Retaining Wall	Per retaining wall	N/A				
284	Expansion joints- Buried Joint	Highways Agency Type 1 Buried joint under continuous surfacing	Per m	7				
285	Expansion joints- Asphaltic Plug	Highways Agency Type 2 Asphaltic Plug joint	Per m	7				
286	Expansion joints- Asphaltic Plug	Highways Agency Type 2 High Modulus Asphaltic Plug joint	Per m	7				
287	Expansion joints- Nosing	Highways Agency Type 4 Nosing with preformed compression seal	Per m	11				
288	Expansion joints- Reinforced Elastomeric	Highways Agency Type 5 Reinforced Elastomeric	Per m	15				
289	Expansion joints- BEJ Type	Highways Agency Type 6 Elastomeric in metal runners	Per m	15				
290	Expansion joints- Footbridge	Footbridge/Pedestrian Joint System	Per m	15				
291	Contraction joint	Contraction joint	Per m	15				
292	Deck	Concrete deck including deck, waterproofing and string course. Excludes carriageway, kerbs and footway	Per sq m deck	25				
293	Footbridge deck- steel checker plate	Steel checker plate deck to footbridge	Per sq m	25				
294	Footbridge deck- expanded steel mesh	Expanded steel mesh deck to footbridge	Per sq m	25				
295	Deck drainage	Deck drainage	Per sq m	25				
296	Structural steelwork- standard steel	All structural steelwork elements	Per sq m	13				
297	Structural steelwork- weathering steel	All structural steelwork elements	Per sq m	40				
298	Concrete beams	Concrete beams to bridges	Per sq m	25				
299	Reinforced concrete abutment	Reinforced concrete abutment including sub structure and back of wall drainage	Per sq m exposed face	20				
300	Reinforced earth abutment	Reinforced earth abutment including sub structure and back of wall drainage	Per sq m exposed face	N/A				
301	Gabion abutment	Gabion abutment including sub structure and back of wall drainage	Per sq m exposed face	N/A				
302	Reinforced concrete wing walls	Reinforced concrete wing walls including sub structure and back of wall drainage	Per sq m exposed face	20				
303	Reinforced earth wing walls	Reinforced earth wing walls including sub structure and back of wall drainage	Per sq m exposed face	N/A				
304	Gabion wing walls	Gabion wing walls including sub structure and back of wall drainage	Per sq m exposed face	N/A				
305	Pedestrian restraint/protection- tubular steel handrail	Pedestrian restraint/protection to wing wall, retaining walls, and headwalls- tubular steel	Per m	25				
306	Pedestrian restraint/protection- timber post and rail handrail	Pedestrian restraint/protection to wing wall, retaining walls, and headwalls- timber post and rail	Per m	15				
307	N1 Steel Parapet	N1 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	20				
308	N2 Steel Parapet	N2 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	20				
309	H1 Steel Parapet	H1 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	20				
310	H2 Steel Parapet	H2 containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	20				
311	H4a Steel Parapet	H4a containment level steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	20				
312	N1 Galvanised Steel Parapet	N1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
313	N2 Galvanised Steel Parapet	N2 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
314	H1 Galvanised Steel Parapet	H1 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
315	H2 Galvanised Steel Parapet	H2 containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
316	H4a Galvanised Steel Parapet	H4a containment level galvanised steel parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
317	N1 Aluminium Parapet	N1 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
318	N2 Aluminium Parapet	N2 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
319	H1 Aluminium Parapet	H1 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
320	H2 Aluminium Parapet	H2 containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
321a	H4a Aluminium Parapet	H4a containment level aluminium parapet, compliant to BS EN 1317. Includes transitions from parapet to safety fence.	Per m	25				
321b	Brick parapet	Brick parapet to bridge or retaining wall	Per m	25				
321c	Masonry parapet	Masonry parapet to bridge or retaining wall	Per m	25				
322	Gabion Retaining Wall <0.6m	Gabion Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
323	Gabion Retaining Wall >0.6m & <1.5m	Gabion Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
324	Gabion Retaining Wall >1.5m	Gabion Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
325	Mass Concrete Retaining Wall <0.6m	Mass Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	25				
326	Mass Concrete Retaining Wall >0.6m & <1.5m	Mass Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	25				
327	Mass Concrete Retaining Wall >1.5m	Mass Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	25				
328	Mass Concrete Retaining Wall with masonry facing <0.6m	Mass Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	N/A				
329	Mass Concrete Retaining Wall with masonry facing >0.6m & <1.5m	Mass Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	N/A				
330	Mass Concrete Retaining Wall with masonry facing >1.5m	Mass Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	N/A				
331	Reinforced Concrete Retaining Wall <0.6m	Reinforced Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	20				
332	Reinforced Concrete Retaining Wall >0.6m & <1.5m	Reinforced Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	20				
333	Reinforced Concrete Retaining Wall >1.5m	Reinforced Concrete Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	20				
334	Reinforced Concrete Retaining Wall with masonry facing <0.6m	Reinforced Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	N/A				

Part 3: Accrual Values table - Programmed Maintenance

Item No	Project Network Part	Description	Unit	Number of Years from Accrual Date Until Intervention	Base Accrual Unit Cost of Intervention (£)	Current Accrual Unit Cost of Intervention (£)	Base Operational Maintenance Value (£/annum)	Current Operational Maintenance Value (£/annum)
335	Reinforced Concrete Retaining Wall with masonry facing >0.6m & <1.5m	Reinforced Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	N/A				
336	Reinforced Concrete Retaining Wall with masonry facing >1.5m	Reinforced Concrete Retaining Wall with masonry facing including sub structure and back of wall drainage	Per sq m exposed face	N/A				
337	Reinforced Earth Retaining Wall <0.6m	Reinforced Earth Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
338	Reinforced Earth Retaining Wall >0.6m & <1.5m	Reinforced Earth Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
339	Reinforced Earth Retaining Wall >1.5m	Reinforced Earth Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
340	Masonry Retaining Wall <0.6m	Masonry Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
341	Masonry Retaining Wall >0.6m & <1.5m	Masonry Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
342	Masonry Retaining Wall >1.5m	Masonry Retaining Wall including sub structure and back of wall drainage	Per sq m exposed face	N/A				
343	Culvert- concrete of internal cross sectional area <0.3m ²	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
344	Culvert- concrete of internal cross sectional area >0.3m ² & <1.1m ²	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
345	Culvert- concrete of internal cross sectional area >1.1m ² & <2.5m ²	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
346	Culvert- concrete of internal cross sectional area >2.5m ²	Concrete culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
347	Culvert- plastic of internal cross sectional area <0.3m ²	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
348	Culvert- plastic of internal cross sectional area >0.3m ² & <1.1m ²	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
349	Culvert- plastic of internal cross sectional area >1.1m ² & <2.5m ²	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
350	Culvert- plastic of internal cross sectional area >2.5m ²	Plastic culvert. Excluding associated headwalls, which are considered to be retaining walls for the purpose of the accrual/deaccrual process	Per m	25				
351	Principal Inspection- Culvert <0.3m ²	Principal inspection of a Culvert	Per culvert	N/A				
352	Principal Inspection- Culvert >0.3m ² & <1.1m ²	Principal inspection of a Culvert	Per culvert	N/A				
353	Principal Inspection- Culvert >1.1m ² & <2.5m ²	Principal inspection of a Culvert	Per culvert	N/A				
354	Principal Inspection- Culvert >2.5m ²	Principal inspection of a Culvert	Per culvert	N/A				
356	General Inspection- Culvert <0.3m ²	General inspection of a Culvert	Per culvert	N/A				
357	General Inspection- Culvert >0.3m ² & <1.1m ²	General inspection of a Culvert	Per culvert	N/A				
358	General Inspection- Culvert >1.1m ² & <2.5m ²	General inspection of a Culvert	Per culvert	N/A				
359	General Inspection- Culvert >2.5m ²	General inspection of a Culvert	Per culvert	N/A				

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Carriageways and Footways		
Controlled Tactile Crossing		
Controlled Tactile Crossing (Primary Palette)		
Uncontrolled Tactile Crossing		
Uncontrolled Tactile Crossing (Primary Palette 'Stud')		
Uncontrolled Tactile Crossing (Primary Palette)		
Bus Stop Tactile and Raised Kerb. Plastic heavy duty grass protection (Truckpave or similar)		
Soakaway		
Petrol Interceptor		
Hydrobrake		
Street Lighting		
High Mast Lighting >15m MH (LED Solution)		
High Mast Lighting >15m MH (Non LED Solution)		
Lighting Unit – Standard and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6m & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
>12 & =<15m mounting height (LED Solution)		
>12 & =<15m mounting height (Non LED Solution)		
Lighting Unit – Non Standard Variant Type 1 and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6m & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
>12 & =<15m mounting height (LED Solution)		
>12 & =<15m mounting height (Non LED Solution)		
Lighting Unit – Non Standard Variant Type 2 and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6m & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
>12 & =<15m mounting height (LED Solution)		
>12 & =<15m mounting height (Non LED Solution)		

Base RPIX (June 2012)	241.1
Current RPIX (January 2016)	258.4
Indexation Value	1.0718

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

		Base De-Accrual Unit Cost of Intervention, £/m2					
	Description	Primary	Secondary	Link	Local	CC Primary Zone Palette	CC Secondary Zone Palette
T1	Reconstruction						
T2	Reconstruction						
T3	Resconstruction						
T4	Reconstruction						
T5	Resurfacing						
T6	Resurfacing						
T7	Microsurfacing						
T8	Microsurfacing						
T9	Surface Dressing						

		Base De-Accrual Unit Cost of Intervention, £/m2					
	Description	CC Primary Zone Palette	CC Secondary Zone Palette	CC Ring Road Zone Palette	Bituminous	Resin Bonded	Precast Units
T11	Reconstruct						
T12	Inlay/overlay						
T13	Reconstruction (Other)						
T14	Slurry seal						

		Base De-Accrual Unit Cost of Intervention, £/m2			
	Description	Cycle Lanes	Cycle Ways	Cycle Paths	CC Primary Zone Palette
T1	Slurry seal				
T2	Reconstruct (granite)				
T3	Reconstruct (pcc)				
T4	Reconstruct (bitumenous)				
T5					
T6					
T7					

	Description	Base Accrual Unit Cost of Intervention
	City Centre Primary Zone steps	
	City Centre Secondary Zone steps	
	City Centre Ring Road & Distributor Road steps	
	Other Areas steps	

Drainage

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Lighting Unit – Non Standard Variant Type 3 and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6 & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
>12 & =<15m mounting height (LED Solution)		
>12 & =<15m mounting height (Non LED Solution)		
Lighting Unit – Non Standard Variant Type 4 and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6 & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
>12 & =<15m mounting height (LED Solution)		
>12 & =<15m mounting height (Non LED Solution)		
Lighting Unit – Non Standard Variant Type 5 and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6 & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
Lighting Unit – Non Standard Variant Type 6 and at the following Mounting Heights		
=<6m mounting height (LED Solution)		
=<6m mounting height (Non LED Solution)		
>6 & =<10m mounting height (LED Solution)		
>6 & =<10m mounting height (Non LED Solution)		
>10 & =<12m mounting height (LED Solution)		
>10 & =<12m mounting height (Non LED Solution)		
Recessed Lighting Units (LED Solution)		
Recessed Lighting Units (Non LED Solution)		
Power variation and Activation Control equipment		
Authorised attachments to street furniture		
Traffic calming		
Bituminous Road Hump		
Bituminous Road Hump		

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

Description	Base Accrual Unit Cost of Intervention
Gullies and catchpits	
Linear drainage channel system	
Soakaway	
Petrol Interceptor	
Hydrobrake	

Part 4: De-Accrual Unit Costs of Interventions

Carriageways		Current De-Accrual Unit Cost of Intervention, £/m2					
		Primary	Secondary	Link	Local	CC Primary Zone Palette	CC Secondary Zone Palette
T1	Reconstruction						
T2	Reconstruction						
T3	Resconstruction						
T4	Reconstruction						
T5	Resurfacing						
T6	Resurfacing						
T7	Microsurfacing						
T8	Microsurfacing						
T9	Surface Dressing						

Footways

Current De-Accrual Unit Cost of Intervention, £/m2
--

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Bituminous Road Hump		
Bituminous Road Hump		
Single Precast Concrete Road Cushion		
Double Precast Concrete Road Cushion		
Triple Precast Concrete Road Cushion		
Block Paved Plateau		
Coloured surface treatment to carriageway or hump		
Rumble Strips		
Street Furniture		
Steel Bollard – Non Illuminated		
Concrete Bollards – Non Illuminated		
Wooden Bollards – Non Illuminated		
Green Oak Bollards – Non Illuminated		
Green Oak Bollards with reflective bands– Non Illuminated		
Green Oak Bollards with etched street name – Non Illuminated		
Cast Iron Bollards – Non Illuminated		
Pencil bollard		
"Billy" / "Belinda" bollards		
K Frame		
A Frame		
Litter Bin		
Litter Bin (District Centres)		
Grit Bin		
Seat – Metal frame/wooden slats		
Bench– Metal frame/wooden slats		
Seat – Metal frame/metal slats		
Bench – Metal frame/metal slats		
Sheffield Cycle Stand		
Bus lanes		
Bus lanes - Post applied treatments		
Grounds Maintenance		
Tree Type A		
Tree Type B		
Tree Type C		
Fences, Barriers and Guardrails		
Handrail		
Pedestrian Guardrail- Type 1		
Pedestrian Guardrail- Type 3		
Pedestrian Guardrail- Type 4		
Pedestrian Guardrail- Type 5		
Safety Barrier - tensioned		
Safety Barrier - untensioned		
Low height fencing – trip rail		
Tubular Steel Fence		
Chain Link Fence		
Close Boarded Fence		
Feather-edged Fence		

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Description	CC Primary Zone Palette	CC Secondary Zone Palette	CC Ring Road Zone Palette	Bituminous	Resin Bonded	Precast Units
T11	Reconstruct						
T12	Inlay/overlay						
T13	Reconstruction (Other)						
T14	Slurry seal						

Cycleways

	Description	Current De-Accrual Unit Cost of Intervention, £/m2			
		Cycle Lanes	Cycle Ways	Cycle Paths	CC Primary Zone Palette
T1	Slurry seal				
T2	Reconstruct (granite)				
T3	Reconstruct (pcc)				
T4	Reconstruct (bitumenous)				
T5					
T6					
T7					

Steps

	Description	Current Accrual Unit Cost of Intervention
	City Centre Primary Zone steps	
	City Centre Secondary Zone steps	
	City Centre Ring Road & Distributor Road steps	
	Other Areas steps	

Drainage

	Description	Current Accrual Unit Cost of Intervention
	Gullies and catchpits	
	Linear drainage channel system	
	Soakaway	
	Petrol Interceptor	
	Hydrobrake	

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Wooden Diamond Fencing		
Traffic Signs, Street Name Plates and Road Markings		
Traffic Signs Non Illuminated (TSRGD) Sign Face <0.1 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >0.1 sq m & <0.3 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >2 sq m & <3sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >3 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >4 sq m		
Traffic Signs Illuminated (TSRGD) Sign Face <0.3 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face <0.3 sq m (Non LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >0.3 sq m & <0.5 sq m (Non LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >0.5 sq m & <1 sq m (Non LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m (Non LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >2 sq m & <3 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >2 sq m & <3 sq m (Non LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >3 sq m & 4 sq m (Non LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >4 sq m (LED Solution)		
Traffic Signs Illuminated (TSRGD) Sign Face >4 sq m (Non LED Solution)		
Traffic Signs Non Illuminated (TSRGD) Sign Face <0.1 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >0.1 sq m & <0.3sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >0.3sq m & <0.5 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >0.5sq m & <1 sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >1 sq m & <2 sq m		

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures



Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Traffic Signs Non Illuminated (TSRGD) Sign Face >2 sq m & <3sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >3 sq m & <4sq m		
Traffic Signs Non Illuminated (TSRGD) Sign Face >4 sq m		
Bollards - Illuminated (TSRGD) (LED Solution)		
Bollards - Illuminated (TSRGD) (Non LED Solution)		
Bollards - Non Illuminated (TSRGD)		
Street Name Plates		
Road Markings		
Road Markings 'Dragons teeth'		
'H' marking, to protect vehicular access		
'H' marking, to protect ped. drop crossing		
Disabled Logo (painted in parking spaces)		
"Keep Clear" marking on carriageway		
Arrow markings		
Arrow markings		
Letter markings		
Letter markings		
Give way triangle		
Speed roundel		
Cycle symbol		
Kerb markings		
Traffic Signal/Control and ITS Infrastructure		
Traffic Signal Controller - up to 8 phase		
Traffic Signal Controller - 8 to 12 phase		
Traffic Signal Controller - 12 to 16 phase		
Traffic Signal Controller - 16 to 20 phase		
Traffic Signal Controller - 20 to 24 phase		
Traffic Signal Controller - 24 to 28 phase		
Pelican Controller		
Pelican Controller - Dual		
UTC Outstation		
Traffic Signal Pole – Straight Galvanised		
Traffic Signal Pole – Cranked Galvanised		
Traffic Signal Pole – Wide Base Galvanised		
Traffic Signal Pole – Totem Galvanised		
Traffic Signal Pole - Swan Necked Galvanised		
Traffic Signal Head - 3 Aspect (RAG)		
Traffic Signal Head - 3 Aspect LED (RAG)		
Traffic Signal Head - 4 In-Line (RAG+Box Sign)		
Traffic Signal Head - 3 Aspect (RAG/RTIGA))		
Traffic Signal Head - 3 Aspect LED (RAG/RTIGA))		
Traffic Signal Head - 4 In-Line (RAG/RTIGA)		
Traffic Signal Head - 4 In-Line LED (RAG/RTIGA)		
Pedestrian Traffic Signal Head - 2 Aspect		
Pedestrian Traffic Signal Head - 2 Aspect LED		
TOUCAN Traffic Signal Head		
PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Combined)		
PUFFIN / TOUCAN nearside Pedestrian Display and Demand unit (Separate)		
PUFFIN / TOUCAN nearside high level head repeater unit		
PUFFIN / TOUCAN ped demand unit		
PUFFIN / TOUCAN combined ped/display/demand unit with tactile and audible unit		
Wig-Wag Traffic Signal Head		
Light Rail Transit (LRT) LED Traffic Signal Head		

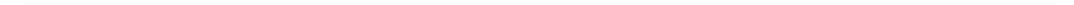
Part 4: De-Accrual Unit Costs of Interventions Base Line Figures



Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Photo Electric Dimming Cell		
Pedestrian Push Button Unit		
Pedestrian Push Button Audible Indicator		
Pedestrian Push Button but with Rotating Tactile Unit		
Pedestrian Push Button but with Audible Indicator and Rotating Tactile Unit		
Above Ground Vehicle Detector		
On-crossing Above Ground Detector		
Kerbside Above Ground Detector		
Inductive vehicle loops		
Traffic Signal 16 Core Coloured Armoured Cable		
Traffic Signal 16 Core White Numbered Armoured Cable		
Traffic Signal 8 Core Coloured Armoured Cable		
Traffic Signal 4Core Coloured Armoured Cable		
Traffic Signal 2 Core Armoured Loop / Above Ground Detection Feeder Cable		
Traffic Signal 3 Core Red Sheathed Armoured Cable		
Traffic Signal Feeder Pillar ¹		
Traffic Signal Communication Supply Pillar		
Miscellaneous Equipment Case (MEC)		
I MESH router (housed within controller cabinet)		
PEEK I-OUT (Chameleon) outstation communications unit housed within controller cabinet		
I MESH coax cable		
I MESH pole mounted aerial (single or bi-directional)		
UTC CCTV		
Car Park and Matrix Variable Message Sign		
Traffic Count site		
Car Park Count site		
ANPR Camera		
Vehicle Activated Signs (Mains) 450mm Speed Roundel		
Vehicle Activated Signs (Mains) 600mm Triangular Warning Sign		
Vehicle Activated Signs (Mains) 750mm Triangular Warning Sign		
Vehicle Activated Signs (Solar) 450mm Speed Roundel		
Vehicle Activated Signs (Solar) 600mm Triangular Warning Sign		
Vehicle Activated Signs (Solar) 750mm Triangular Warning Sign		
Speed Indicator Device - Smiley SID (Mains)		
Speed Indicator Device - Smiley SID (Solar)		
Speed Indicator Device - Smiley SID (Battery)		
Zebra Crossing (Non LED Solution)		
Zebra Crossing (LED Solution)		
City Centre Palette Furniture		
Bronze and Granite Seat		
Bronze Handrail		
Bronze Cycle Stand		
Bronze Motorcycle Stand		
Bronze Bollard Large		
Bronze Bollard Large Removable		
Bronze Bollard Small		
Bronze Bollard Small Removable		
Bronze Bollard with Sign		
Bronze Litter Bin		
Stainless Steel and Granite Seat		
Illuminated Stainless Steel and Granite Seat		
Stainless Steel and Granite Seat with back and arms		

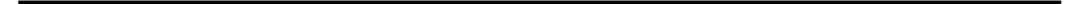
Part 4: De-Accrual Unit Costs of Interventions Base Line Figures



Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Illuminated Stainless Steel and Granite Seat with back and arms		
5m Stone Seats with back-as The Moor design (Illuminated)		
3m Stone Bench as The Moor design (Illuminated)		
5m Stone Bench as The Moor design (Illuminated)		
Stainless Steel Cycle Stand		
Stainless Steel Motorcycle Stand		
Stainless Steel Bollard Large		
Removable Stainless Steel Bollard Large		
Illuminated Large Stainless Steel Bollard		
Stainless Steel Bollard Slender		
Stainless Steel Help Bollard		
Stainless Steel Bollard with Sign		
Illuminated Stainless Steel Bollard with sign		
Stainless Steel Litter Bin		
Stainless Steel Guide Rail		
Stainless Steel Handrail and Post		
Granite Seat with Central Plaque on Underlit Stainless Steel Plinth		
Tree Pit Construction for Paved Areas		
1.5m Square Tree Grille		
1.5m Square Tree Grille with Extended Sides and Uplighters		
1.5m replacement grille with 900mm aperture		
1.8m Square Tree Grille		
1.8m Square Tree Grille with Extended Sides and Uplighters		
1.8m Square Tree Grille (900mm aperture) with Extended Sides and Uplighters		
1.2m square tree grille		
Sloped Granite block detail for tree surrounds for 1.5m grille		
Flat Granite block detail for tree surrounds for 1.5m grille		
Sloped Granite block detail for tree surrounds for 1.8m grille		
Flat Granite block detail for tree surrounds for 1.5m grille		
Bronze Planter		
Stainless Steel Planter Large		
Stainless Steel Planter Small		
Structures		
Bearing- Elastomeric		
Bearing- Plane Sliding		
Bearing- Multiple Roller		
Bearing- Pot Fixed		
Bearing- Guide		
Principal Inspection- Bridge over Primary or Secondary 0-100m ²		
Principal Inspection- Bridge over Primary or Secondary 100-200m ²		
Principal Inspection- Bridge Type 1 over Primary or Secondary 200-500m ²		
Principal Inspection- Bridge Type 1 over Primary or Secondary 500-1000m ²		
Principal Inspection- Bridge over Link or Local 0-100m ²		
Principal Inspection- Bridge over Link or Local 100-200m ²		
Principal Inspection- Bridge over Link or Local 200-500m ²		
Principal Inspection- Bridge over Link or Local 500-1000m ²		
Principal Inspection- Bridge over footpath 0-100m ²		
Principal Inspection- Bridge over footpath 100-200m ²		
Principal Inspection- Bridge over footpath 200-500m ²		
Principal Inspection- Bridge over footpath 500-1000m ²		

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures



Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Principal Inspection- Bridge over rail 0-100m ²		
Principal Inspection- Bridge over rail 100-200m ²		
Principal Inspection- Bridge over rail 200-500m ²		
Principal Inspection- Bridge over rail 500-1000m ²		
Principal Inspection- Bridge over water 0-100m ²		
Principal Inspection- Bridge over water 100-200m ²		
Principal Inspection- Bridge over water 200-500m ²		
Principal Inspection- Bridge over water 500-1000m ³		
General Inspection- Bridge 0-25m ²		
General Inspection- Bridge 25-50m ²		
General Inspection- Bridge 50-200m ²		
General Inspection- Bridge 200-500m ²		
General Inspection- Bridge 500-1000m ²		
Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 0-50m ²		
Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 50-100m ²		
Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 100-250m ²		
Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 250-400m ²		
Principal Inspection- Retaining Wall supporting highway with Primary or Secondary below 400-800m ²		
Principal Inspection- Retaining Wall supporting highway with Link or Local below 0-50m ²		
Principal Inspection- Retaining Wall supporting highway with Link below 50-100m ²		
Principal Inspection- Retaining Wall supporting highway with Link below 100-250m ²		
Principal Inspection- Retaining Wall supporting highway with Link below 250-400m ²		
Principal Inspection- Retaining Wall supporting highway with Link below 400-800m ²		
Principal Inspection- Retaining Wall supporting highway with water below 0-50m ²		
Principal Inspection- Retaining Wall supporting highway with water below 50-100m ²		
Principal Inspection- Retaining Wall supporting highway with water below 100-250m ²		
Principal Inspection- Retaining Wall supporting highway with water below 250-400m ²		
Principal Inspection- Retaining Wall supporting highway with water below 400-800m ²		
Principal Inspection- Retaining Wall supporting highway with rail below 0-50m ²		
Principal Inspection- Retaining Wall supporting highway with rail below 50-100m ²		
Principal Inspection- Retaining Wall supporting highway with rail below 100-250m ²		
Principal Inspection- Retaining Wall supporting highway with rail below 250-400m ²		

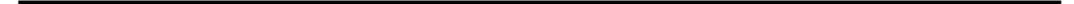
Part 4: De-Accrual Unit Costs of Interventions Base Line Figures



Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Principal Inspection- Retaining Wall supporting highway with rail below 400-800m ²		
Principal Inspection- Retaining Wall above highway 0-50m ²		
Principal Inspection- Retaining Wall above other 50-100m ²		
Principal Inspection- Retaining Wall above other 100-250m ²		
Principal Inspection- Retaining Wall above other 250-400m ²		
Principal Inspection- Retaining Wall above other 400-800m ²		
General Inspection- Retaining Wall 0-50m ²		
General Inspection- Retaining Wall 50-100m ²		
General Inspection- Retaining Wall 100-250m ²		
General Inspection- Retaining Wall 250-400m ²		
General Inspection- Retaining Wall 400-800m ²		
Expansion joints- Buried Joint		
Expansion joints- Asphaltic Plug		
Expansion joints- Asphaltic Plug		
Expansion joints- Nosing		
Expansion joints- Reinforced Elastomeric		
Expansion joints- BEJ Type		
Expansion joints- Footbridge		
Contraction joint		
Deck		
Footbridge deck- steel checker plate		
Footbridge deck- expanded steel mesh		
Deck drainage		
Structural steelwork- standard steel		
Structural steelwork- weathering steel		
Concrete beams		
Reinforced concrete abutment		
Reinforced earth abutment		
Gabion abutment		
Reinforced concrete wing walls		
Reinforced earth wing walls		
Gabion wing walls		
Pedestrian restraint/protection- tubular steel handrail		
Pedestrian restraint/protection- timber post and rail handrail		
N1 Steel Parapet		
N2 Steel Parapet		
H1 Steel Parapet		
H2 Steel Parapet		
H4a Steel Parapet		
N1 Galvanised Steel Parapet		
N2 Galvanised Steel Parapet		
H1 Galvanised Steel Parapet		
H2 Galvanised Steel Parapet		
H4a Galvanised Steel Parapet		
N1 Aluminium Parapet		
N2 Aluminium Parapet		
H1 Aluminium Parapet		
H2 Aluminium Parapet		
H4a Aluminium Parapet		
Brick parapet		
Masonry parapet		
Gabion Retaining Wall <0.6m		
Gabion Retaining Wall >0.6m & <1.5m		
Gabion Retaining Wall >1.5m		
Mass Concrete Retaining Wall <0.6m		
Mass Concrete Retaining Wall >0.6m & <1.5m		
Mass Concrete Retaining Wall >1.5m		

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures



Part 4: De-Accrual Unit Costs of Interventions Base Line Figures

	Base De-Accrual Unit Cost of Intervention	Current De-Accrual Unit Cost of Intervention
Mass Concrete Retaining Wall with masonry facing <0.6m		
Mass Concrete Retaining Wall with masonry facing >0.6m & <1.5m		
Mass Concrete Retaining Wall with masonry facing >1.5m		
Reinforced Concrete Retaining Wall <0.6m		
Reinforced Concrete Retaining Wall >0.6m & <1.5m		
Reinforced Concrete Retaining Wall >1.5m		
Reinforced Concrete Retaining Wall with masonry facing <0.6m		
Reinforced Concrete Retaining Wall with masonry facing >0.6m & <1.5m		
Reinforced Concrete Retaining Wall with masonry facing >1.5m		
Reinforced Earth Retaining Wall <0.6m		
Reinforced Earth Retaining Wall >0.6m & <1.5m		
Reinforced Earth Retaining Wall >1.5m		
Masonry Retaining Wall <0.6m		
Masonry Retaining Wall >0.6m & <1.5m		
Masonry Retaining Wall >1.5m		
Culvert- concrete of internal cross sectional area <0.3m ²		
Culvert- concrete of internal cross sectional area >0.3m ² & <1.1m ²		
Culvert- concrete of internal cross sectional area >1.1m ² & <2.5m ²		
Culvert- concrete of internal cross sectional area >2.5m ²		
Culvert- plastic of internal cross sectional area <0.3m ²		
Culvert- plastic of internal cross sectional area >0.3m ² & <1.1m ²		
Culvert- plastic of internal cross sectional area >1.1m ² & <2.5m ²		
Culvert- plastic of internal cross sectional area >2.5m ²		
Principal Inspection- Culvert <0.3m ²		
Principal Inspection- Culvert >0.3m ² & <1.1m ²		
Principal Inspection- Culvert >1.1m ² & <2.5m ²		
Principal Inspection- Culvert >2.5m ²		
General Inspection- Culvert <0.3m ²		
General Inspection- Culvert >0.3m ² & <1.1m ²		
General Inspection- Culvert >1.1m ² & <2.5m ²		
General Inspection- Culvert >2.5m ²		

Part 4: De-Accrual Unit Costs of Interventions Base Line Figures





Schedule 19 – Part 5 Service Provider Assumptions

This document forms Part 5 of Schedule 19 and should be read along with Schedule 19, Parts 2 and 3 and for the purposes of calculation actual Accrual Values.

These general assumptions shall apply to the Service Provider's Accrual Values in relation to the accrual of assets onto the Project Network.

Design

Accruals Values assume:

- where relevant, design to be in accordance with Design Manual for Roads and Bridges (DMRB)
- where relevant any design to have a design certificate
- components / assets to have design life of a minimum of 25 years unless otherwise stated with minimal planned maintenance interventions
- Components / assets (where relevant) to comply Sheffield City Council standard details as at Service Commencement Date
- Components / assets (where relevant) to comply with "SCC palletes" as at Service Commencement Date.

Construction

Accruals Values assume:

- components / assets are accordance with the Specification for Highway Works published by Department for Transport or it's successors
- Service Provider has the benefit of any defect rectification period and/or warranty / guarantee.

Condition

Accruals Values assume:

- the asset / component shall be new and without faults.

Status

Accruals Values assume:

- that highways maintainable at public expense to be constructed and maintained in accordance with the Highways Act
- components / assets are in the ownership of the Authority
- component / assets exclude boundary fences, boundary walls and the like unless otherwise stated
- any Necessary Consents are in place.

CDM

Accruals Values assume:

- Construction certificates shall be in place confirming compliance with the design provided
- The Health and Safety File shall be provided



- As-built drawings shall be provided
- Design specification shall be provided
- Maintenance manuals will be provided
- Specifically for structures, design calculations, signed Approval in Principle, relevant signed Certificates and Departures from Standard shall be provided. In addition, relevant geotechnical information and test results shall be provided:

Specific Assumptions

Accruals Values assume for:

- Carriageways, Footways, Kerbs and Verges
 - These shall comply with the minimum condition index required to meet the Performance Requirements thresholds set for Project Network, Section and Sub-Section Condition Index.
- Footways
 - These are bituminous or modular concrete block and shall meet the Performance Requirements thresholds set for Project Network, Footway Sub-Section Condition Index.
- Bus Lane
 - Surfacing colour is by pigmented bitumen (and not surface paint) or post applied treatment
 - The substrate to which the treatment is applied meets the Performance Requirements thresholds set for Project Network, Section and Sub-Section Condition Index
 - Any costs related to the substrate are included in the respective carriageway rate.
- Steps
 - Shall be constructed on adequate, stable foundations
 - Any handrail posts to steps have root protection to the Service Provider's standards.
- Kerbs
 - Shall be pre-cast concrete.
- Drainage
 - All ironwork shall be in accordance with the guidance set out in BS EN124
 - Pipework test certificates shall be provided
 - All pipework (excluding gully tails) shall be CCTV surveyed with a copy provided to Service Provider on DVD
 - Linear drainage systems shall be provided with rodding points and silt traps and intervals not exceeding 50m
 - All gullies comprise pre-cast concrete or plastic trapped pots with cast steel, hinged grating
 - All ironwork shall be heavy duty and set flush with the finished surface
 - Soak-aways shall not exceed 3m in depth
 - Petrol interceptors shall be provided with suitable hard-standing for emptying vehicle
 - All hydro-brakes shall be installed in accordance with the manufacturer's instructions and shall be approved by the relevant authority (e.g. Environment Agency or Yorkshire Water).



-
- Traffic Calming
 - Coloured surfacing shall be achieved through t surface applications.

 - Cycle Lanes/Ways and Paths
 - Coloured surfacing shall be a minimum of 20mm thick pigmented bituminous materials
 - Where edged, the edging shall be in pre-cast concrete
 - The substrate to which the treatment is applied meets the Performance Requirements thresholds set for Project Network, Section and Sub-Section Condition Index
 - Any costs related to the substrate are included in the respective carriageway/footway rate.

 - Street Furniture
 - Timber products (other than Green Oak Bollards) shall be tanalised or otherwise treated to achieve the required design life
 - Pencil and Billy/Belinda bollards are to be finished in polyurethane or similar.

 - Grounds Maintenance
 - Grassed Areas, Shrub and Rose Areas and Planted Areas shall have a defined edge
 - Plans in GIS format shall be provided, defining the areas.

 - Trees
 - Shall be suitable for the location
 - Shall have adequate planting pit
 - Shall be free from disease
 - Shall be of a suitable species for its environment/ location
 - Shall be free from Tree Preservation Orders (TPOs)
 - Shall not have any Attachments
 - Shall have a Risk Assessment provided
 - Exclude any protection measures (to be priced separately).

 - Boxes and Planters
 - Shall be planted in accordance with the Service Provider's planting scheme.
 - Shall be free from weeds.

 - Fences, Barriers and Guardrails
 - All metal posts shall have root protection to the Service Provider's standards
 - Risk assessments for all Safety Barriers shall be provided
 - All Safety Barriers shall be of a type approved by DfT, installed in accordance with the manufacturers instructions and shall exclude the use of timber posts
 - All timber fences shall utilise tanalised or treated timber to provide the required design life.



- Illuminated Traffic Signs, Illuminated Bollards and other illuminated Powered Apparatus
 - All metal posts shall have root protection to the Service Provider's standards
 - Poles shall be capable of taking the additional imposed loads as set out in the Output Specification
 - Root protection shall be to the Service Provider's specification
 - Poles shall be galvanised and painted (factory-applied) to a colour approved by the Authority
 - Paint system shall be for inland environment with ready access
 - Light source shall be LED with all electronic gear unless otherwise specified
 - Luminaires shall be fitted with telecells, Power variation and Activation equipment compatible with the Service Provider's Central Management System
 - Shall have no Attachments
 - All Powered Apparatus shall have a valid electrical test certificate and, where applicable, as-built drawings.

- Road Markings and Road Studs
 - All centre line and lane delineation studs shall be Halifax type
 - All permanent road markings shall be made in thermoplastic.

- Street Lighting
 - The requirements for Structures shall apply to High Mast Lighting
 - All metal posts and columns shall have root protection to the Service Provider's standards
 - Columns shall be capable of taking the additional imposed loads as set out in the Output Specification
 - Root protection to the Service Provider's specification
 - Columns shall be galvanised and painted (factory-applied) to a colour approved by the Authority
 - Paint system to be for inland environment with difficult access
 - Light source to be LED with all electronic gear unless otherwise specified
 - Luminaires to be fitted with telecells, Power variation and Activation equipment compatible with the Service Provider's Central Management System
 - Shall have no Attachments
 - All Street Lighting shall have a valid electrical test certificate and, where applicable, as-built drawings
 - Authorised attachment fixings shall be to the Service Provider's specification.

- Traffic Signals
 - Root protection shall be to the Service Provider's specification
 - Poles shall be galvanised and painted (factory-applied) to a colour approved by the Authority
 - Paint system shall to be for inland environment with ready access
 - Light sources shall be LED with all electronic gear unless otherwise specified
 - Shall be installed with MOVA or SCOOT
 - Communication systems shall be compatible with and connected to the Fault Monitoring System at the Service Provider's Control Room
 - Test certificates shall be provided for detectors (loops and above ground)
 - All Traffic Signals shall have a valid acceptance and electrical test certificates and as-built drawings.



- ITS
 - All ITS equipment shall include comprehensive operation & maintenance manuals together with suitable training and spares to enable the Service Provider to maintain the equipment.

- Traffic Signs
 - Root protection shall be to the Service Provider's specification
 - Poles shall be galvanised and painted (factory-applied) to a colour approved by the Authority
 - Paint system to be for inland environment with ready access
 - Traffic sign faces shall be enhanced retro-reflective where required by the TSRGD to be reflective.

- Other Non-Powered Apparatus
 - Corrosion protection for inland environment, with ready access.

- Traffic Count Site
 - Test certificates shall be provided
 - Where appropriate, telemetry shall be provided to the Service Provider's Control Room and the system shall be compatible with the Service Provider's systems.

- Winter Maintenance
 - All carriageways, footways and the like upon which winter maintenance is carried out shall comply with the Output Specification.

- Street Cleaning
 - All carriageways, footways and related street furniture upon which street cleaning is carried out shall comply with the Output Specification.

- Structures
 - The appropriate Technical Approval process shall have been completed
 - Structures shall be designed for a life of 120 years
 - The design shall make adequate provision for surface water drainage and sub-surface drainage and the drainage system shall be properly connected to the highway drainage system or to soakaways and shall include adequate provision for maintenance
 - The design shall incorporate adequate measures to control the roosting and nesting of birds on bearing shelves and other ledges
 - There shall be a compliant approach and departure road restraint system to all parapets
 - Shall have a waterproofing system listed as registered in Model Contract Documents for Highway Works (MCDHW) Advice Note SA 1/08 or its successor
 - Shall have carriageway expansion joints listed as registered in MCDHW Advice Note SA 1/08 or its successor
 - Easily accessible plain concrete and brick facings shall be treated with an anti-graffiti coating
 - The structure shall have adequate access provision for inspection and maintenance;
 - The structure shall not include any non-standard details or materials not in common use in the industry.

