Leicestershire County Council

Interim Transport Contributions Strategy for Developments in Charnwood District

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1. Purpose and Context

- 1.1. This document sets out Leicestershire County Council's (as the Local Highway Authority) interim approach to securing developer contributions towards the delivery of transport improvements required to address the cumulative and cross-boundary impacts of future growth across Charnwood District, pending the adoption of a new Charnwood Local Plan (2021-2037) (hereafter referred to simply as "the Plan").
- 1.2. The document also sets out the LHA's views on evidence work to date that supports the interim approach, its alignment with the Plan and compliance with the National Planning Policy Framework (NPPF), as well as the need for further work beyond the adoption of this approach.
- 1.3. The document has been prepared in response to:
 - The pause in the examination process for the emerging Plan and consequential delays to its's adoption.
 - The cumulative and cross-boundary impacts that future growth across
 Charnwood will have on the transport network, with or without an adopted Plan in place.
 - Immediate/ongoing development pressure across Charnwood (from both Local Plan allocations coming forward as planning applications ahead of the Plan's adoption, and from speculative/unallocated sites), in part due to a current shortfall in 5 year housing land supply across Charnwood (in the absence of an adopted Plan).
 - The current financial challenges facing Leicestershire County Council and local government as a whole, which will – for the foreseeable future – severely constrain the Authority's ability to cover any shortfalls or delays in required developer contributions towards the delivery of transport mitigation schemes.
- 1.4. The document will form the LHA's basis for securing developer contributions across Charnwood District towards cumulative and cross-boundary transport improvements unless and until superseded by:
 - more detailed evidence and/or proposals to address the cumulative and crossboundary impacts of growth (e.g. more detailed studies/scheme design undertaken by the LHA and partners, or work undertaken by developers for a planning application).
 - appropriate policies and related provisions (e.g. an up to date Infrastructure Delivery Plan/Schedule) for securing such contributions within an adopted Local Plan.
- 1.5. The document's contents reflect matters agreed with Charnwood Borough Council (CBC), National Highways (NH) and Leicester City Council (LCiC), as set out in Statements of Common Ground dated December 2021 and June 2022.

1.6. For the avoidance of doubt, this document does not cover site specific and more localised issues to a site (e.g. such as the creation of new or improvements to existing points of site access or the need for any site specific highway mitigation measures); the need to address any such issues would be in addition to any requirement for a contribution to be made under this strategy.

2. Evidence Base

- 2.1. The interim contributions strategy (and associated package of transport interventions) is underpinned by the transport evidence base developed to inform the Plan.
- 2.2. The Plan's evidence base has been developed in partnership between CBC, the LHA and NH ('the Parties') and in discussion with neighbouring local authorities including LCiC as the Local Highway Authority for the City of Leicester.
- 2.3. The Plan's evidence base has been developed in accordance with the NPPF's requirements for plan-making in respect of promoting sustainable transport (with particular reference to paragraphs 104 and 105 of the NPPF). In doing so, it has been informed by available data and transport models and developed with the aim of identifying the impacts of Borough-wide growth and a package of mitigation which align with the Plan's policies.

Table 1 – Emerging Charnwood Local Plan 2021-2037 Evidence Base – Key Documents

NB – the documents listed below have all been published on the Charnwood Local Plan 2021-37 Examination web pages:

https://www.charnwood.gov.uk/pages/examination.

The document references cited here (and later in the document) are those allocated for the purposes of the examination.

REF	TITLE
EB/TR/1	CBC Local Plan Option Testing (No Mitigation) Final Report, Leicestershire County Council, Nov 2018 (PDF Document, 18.49 Mb)
EB/TR/2	CBC Local Plan: Mitigation Testing Final Report, Leicestershire County Council, June 2019 (PDF Document, 19.13 Mb)
EB/TR/3	PRTM: Charnwood Local Plan Base Year Model Review, AECOM, May 2020 (PDF Document, 9.89 Mb)
EB/TR/4	Charnwood Local Plan Interim Forecasting Report, AECOM, October 2020 (PDF Document, 8.16 Mb)

EB/TR/5	Charnwood Local Plan Additional Forecasting Analysis, AECOM, November 2020 (PDF Document, 16.36 Mb)
EB/TR/6	Charnwood Local Plan Mitigation Package SRN Issues, AECOM, January 2021 (PDF Document, 0.6 Mb)
EB/TR/7	Charnwood Local Plan Mitigation Package Technical Note 1: Hybrid Option, AECOM, January 2021 (PDF Document, 0.58 Mb)
EB/TR/8	Charnwood Local Plan Mitigation Package Technical Note 2: Long List of Interventions (Excel), AECOM, January 2021 (Excel Spreadsheet, 0.1 Mb)
EB/TR/9	Charnwood Local Plan Mitigation Package Technical Note 3: Assessment of Mitigation (Excel), AECOM, January 2021 (Excel Spreadsheet, 5.74 Mb)
EB/TR/10	Revised Technical Note 3 Refined Assessment of Mitigation (May 2021) (Excel Spreadsheet, 62.54 Mb)
EB/TR/11	Charnwood Local Plan Forecasting Report, AECOM, May 2021 (PDF Document, 10.76 Mb)
EB/TR/12	Charnwood Local Plan Mitigation Report, AECOM, May 2021 (PDF Document, 1.89 Mb)
EB/TR/13	Charnwood Local Plan – Further Analysis and Refinement, AECOM, May 2021 (PDF Document, 6.66 Mb)
EB/TR/14	Charnwood Sustainable Transport Study, WYG, 2020 (PDF Document, 4.75 Mb)
EXAM 31	Charnwood Local Plan Transport Evidence Options Assessment Report (PDF Document, 28.03 Mb)
EXAM 31A	Charnwood Local Plan Oar - 22 05 18 with Appendices Issue (PDF Document, 6.08 Mb)
EXAM 31B	Charnwood Preliminary Design Estimate Assurance Rev 1 2022 05 25 (PDF Document, 5.33 Mb)

2.4. The approach has been iterative, the objective being to increase the level of detail and refinement in parallel with and cognisant of the spatial strategy. It can be best summarised in terms of a sequence of broad steps, as outlined below.

Step 1: Arriving at a preferred development strategy and confirming that transport would be a key determinant in informing levels of housing growth (EB/TR/1 & 2)

- 2.5. The LHA supported CBC in developing the initial transport evidence inputs to shaping the Plan, which occurred in 2018 and 2019.
- 2.6. The purpose of this step was to support the identification of an appropriate spatial strategy for development in the Borough.
- 2.7. Modelling assessments¹ were undertaken for a 2036 (proxy) horizon year across seven spatial development options defined by CBC which represented low and high levels of growth. Assessment was undertaken both with and without mitigation. Given the early stage in plan-making and the number of spatial options to be assessed, mitigation was simply represented based on generic uplifts in capacity applied at identified junctions and links as opposed to specific measures.
- 2.8. Spatial options were scored and ranked against core metrics which assessed the performance of the highway network including over-capacity queues and travel time.
- 2.9. The assessment highlighted a range of key challenges that would continue to represent important themes running throughout subsequent steps in the evidence building process. These include congestion and delays at main gateway junctions on radial routes leading into Loughborough; on the key A6 and A6004 routes which traverse Loughborough (and are part of the Major Road Network or MRN); on the A512 in Shepshed; and in areas to the north of Leicester such as Birstall, Syston, Anstey, Thurmaston and Rothley; in addition to key roads including the A46 and M1 (part of the Strategic Road Network or SRN).
- 2.10. This initial step informed CBC's sifting and selection of a preferred spatial option and highlighted that transport would be a key determinate in informing levels of housing growth across the Borough.
 - Step 2: Building a greater understanding of Borough-wide impacts from growth arising from a preferred spatial strategy (EB/TR/3-5 and EB/TR/11)
- 2.11. In 2020, CBC commissioned additional evidential work with the purpose of assessing the transport impacts of the preferred spatial strategy (referred to at this point as the Hybrid option, a blend of two options considered at Step 1).

¹ An assessment using the highway-only component of the Leicester and Leicestershire Integrated Transport Model (LLITM) Standard (Unconstrained) version, which was the primary strategic transport modelling evidential tool available at the time. The assessment focused on a 2036 assessment year only (a proxy for the 2037 Plan horizon).

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- 2.12. The assessment approach² identified broad locations and corridors around clusters of transport impacts (or hotspots) which were estimated to occur as a result of Plan development and where potentially mitigation would be needed. The broad locations are Loughborough urban area, Shepshed (including M1 Junction 23), Barrow upon Soar (in the Soar Valley), Syston and East Goscote, Birstall and Anstey (settlements around the north of Leicester). These areas broadly align with areas of interest identified at Step 1.
- 2.13. There was no cross-boundary evidence available from other neighbouring Plans at the time, most notably for Leicester City. This was especially relevant around the north of Leicester area where modelling had identified issues on the transport network, and therefore created some uncertainties as to the level of impacts and mitigation required in this area.

Step 3: Developing an initial Borough-wide list of potential mitigation options (EB/TR/6-12 and 13)

- 2.14. The third step of evidence building comprised development of Borough-wide mitigation measures in response to the hotspot locations identified at Step 2.
- 2.15. In assessing potential mitigation measures, consideration was given to key travel movements along corridors within and between settlements across the Borough as well as existing infrastructure and services including cycle and bus routes. This process culminated in a long list of potential measures, incorporating a mix of measures set out in previous work (including but not limited to the Charnwood Sustainable Transport Study EB/TR/14) and newly-identified measures.
- 2.16. In identifying mitigation measures consideration was given to alignment with policy, in particular mode hierarchy with active modes and passenger transport measures having greater priority over measures encouraging private vehicle travel; whether mitigation measures would be proportionate to the type/scale of impacts forecast; whether measures were considered feasible; and very indicatively how much they could cost (albeit by May 2021 the realities of construction price inflation were only just beginning to become properly understood).
- 2.17. This step provided a Plan perspective of what multi-modal transport measures could be required to mitigate the impacts of growth in 2037. It did not however consider the potential phasing and scalability of transport interventions prior to 2037 in line with the phasing of development to determine what mitigation would be needed during the early years of the Plan period.

² This step used Leicestershire's Pan Regional Transport Model (PRTM) version 2. The PRTM has been built using current industry best practice based on the Department for Transport's Transport Appraisal Guidance (TAG) and engagement/consultation with relevant stakeholders such as National Highways and Local Planning Authorities. The PRTM is an expansion of LLITM which had been used at step 1. The assessment focused on a 2036 assessment year only (a proxy for the 2037 Plan horizon).

- 2.18. The Parties therefore agreed that further enhancement of the transport evidence base was required to formulate a coherent mitigation strategy.
 - Step 4: Building a more detailed understanding of mitigation requirements, prioritisation and phasing to form an overarching Plan-level mitigation strategy (EXAM31, 31A and 31B)
- 2.19. The Hybrid option assessed previously at Steps 2 and 3 was further refined by CBC and was defined for both a Plan horizon year of 2037 and intermediate year of 2026. Building upon the work undertaken in Steps 2 and 3, PRTM was used to test the impacts and benefits of four transport scenarios. An assessment year of 2026 was developed to sit alongside the 2036 (proxy) assessment year.
- 2.20. The 2026 assessment has enabled the identification and assessment of mitigation measures needed to support growth coming forward during the early stages of the Plan period, therefore distinguishing them from measures which are either required at a later date or are of a scale and form which present greater deliverability challenges that would mean they cannot be implemented until a later stage in the Plan period.
- 2.21. Scenario 1 focusses on representative sustainable transport solutions, largely as identified at Step 3; Scenario 2 focusses on a combination of targeted Major Road Network (MRN) improvements and sustainable transport solutions (as per Scenario 1); Scenario 3 focusses on a combination of targeted SRN improvements, plus targeted MRN improvements and sustainable transport solutions (as per Scenario 2); and Scenario 3b is the same as Scenario 3 but contains additional, larger-scale, Road Investment Strategy (RIS) pipeline schemes on the SRN (specifically the M1). All have been tested for 2026 and 2036 except for Scenarios 3 and 3b which have been tested for 2036 only because the larger scale interventions are unlikely to be delivered until after 2026.
- 2.22. The scenarios have enabled a sequential approach to assessing the cumulative effects with additional interventions layered on top of the previous scenario, therefore highlighting the level of mitigation achieved by each. The key findings are that:
 - Sustainable measures alone would not be sufficient to mitigate the Plan's impacts either over the lifetime of the plan (to 2037) or in the shorter-term (to 2026).
 - However, a combination of sustainable and targeted MRN interventions would be capable of sufficiently mitigating the Plan's shorter-term impacts – to 2026 at least.
 - In the longer term, the above measures would need to be supplemented by targeted SRN interventions, to help address the Plan's full impacts (to 2037).

- However, even with all of these interventions in place, there would still be a residual impact on the network.
- Additional delivery of the RIS pipeline schemes has the potential to mitigate
 most of the residual impacts, albeit their strategic scale means that there can be
 no reliance on them coming forward, due to uncertainties about their delivery
 (including likely timescales) and given that they are of a cost beyond which the
 Plan/developments could afford.

3. Key Conclusions

- 3.1. The steps described above provide a proportionate outline of the Plan-level mitigation strategy that is consistent with the NPPF's requirements for plan-making in respect of promoting sustainable transport. This includes a robust steer as to the specific impacts (i.e. identified highway junctions, links and wider corridors comprising junctions and links) which are estimated to occur on the transport network and will require mitigation by the end of the Plan period and in the initial five years; the potential value and impacts of introducing sustainable transport measures which mainly target shorter distance trips within settlements; and the general scale/form of mitigation required. However, further work will be needed to explore and develop a mitigation package in detail, as expanded on below.
- 3.2. The transport evidential approach demonstrates that there is an acceptable transport mitigation package that should be deliverable over the lifetime of the Plan, albeit challenges are very likely to persist, which are not unique to Charnwood, in seeking to secure investment in the coordinated delivery of infrastructure relative to the delivery of growth. In all likelihood, the sustainable measures will come forward first, as these can be scaled in line with development coming forward (e.g. a walking and cycling corridor can be enhanced rather than necessarily seeking to deliver an entire network at once). The next MRN window is 2025 to 2030, so measures on the A6/A6004 could be delivered in that timeframe. Beyond 2030 is the most probable timeframe for the delivery of SRN improvements.
- 3.3. The Parties' approach is being informed by lessons learnt from other Plans, most recently Melton. Here, major highway infrastructure was identified alongside sustainable transport measures as part of an area-based transport strategy, with an intention to allow some development to come forward prior to full implementation of mitigation measures, on the condition that it does not prejudice the ability to deliver cumulative infrastructure at a later date.
- 3.4. Whilst the Plan is not yet adopted and the future timing of its adoption currently remains uncertain, it should be noted that:
 - Components of the Plan are already coming forward proposed site allocations have already been submitted as planning applications (or are anticipated in the near future), whilst a minority of sites have already secured planning permission (without any requirement to contribute to plan-level cumulative mitigation).
 - Additional unplanned/speculative development is likely to take place in the same general areas/locations as the proposed site allocations (based on current and historic planning applications) and consequently impact on the same parts of the transport network and generate the need for the same package of improvements as those identified through the Plan evidence base (i.e. the need for these improvements will only be increased, not decreased).

 There is currently no alternative/better evidence and package/s of interventions on which to base a coordinated, district-wide approach to mitigating the cumulative and cross-boundary impacts of growth.

For these reasons, the LHA considers the Plan's transport evidence base and mitigation package to be the most appropriate foundation on which to base the interim approach to securing contributions to transport infrastructure across Charnwood district (with the supporting proviso that the interim approach can be reviewed and updated as and when any significant additional evidence emerges). Conversely, continued failure to secure such contributions would be contrary to paragraph 110 (a) and (d) of the NPPF.

4. Ongoing and Future Work

- 4.1. The Parties agree that further joint work is required to enhance the transport evidence base underpinning the Plan and by extension the interim transport contributions strategy to provide additional clarity around specific mitigation requirements.
- 4.2. The LHA has worked with CBC to agree Main Modifications (MMs) to the Plan so that they reflect the evolving evidential work done to date and what is required post Plan adoption.
- 4.3. The aim of the MMs is to ensure that the Plan's policies are as robust as possible for seeking to secure funding, both public and private, for the timely implementation of transport mitigation; and to organise and agree commitments across the Parties to onward joint-working, subsequent to the Plan's adoption, the main aim of which will be to 'smooth' the process of delivering transport mitigation in support of Planled development.
- 4.4. The MMs proposed, especially the new Policy INF2 (see Appendix A for reference), reflect local experiences elsewhere in seeking to provide the most robust policy platform possible for securing contributions.
- 4.5. Through the MMs there is a firm commitment from the Parties to further enhance the transport evidence base and to refine the mitigation strategy through the development of three Transport Strategies, i.e. for: Loughborough and Shepshed; the North of Leicester; and the Soar Valley respectively.
- 4.6. These Strategies are being developed around geographic areas which reflect the findings of transport evidence work and the nature of the transport package identified to mitigate the Plan's impacts. A primary purpose will be to address cumulative and cross-boundary transport impacts of growth both within and external to the Borough. The cross-boundary dimension will be especially strong in respect of the North of Leicester Transport Strategy, given the sensitivities of the transport network in this area identified throughout the evidence building process and noting the growth proposed within this area through the City of Leicester's emerging Local Plan.
- 4.7. Reflecting the evidence, the Strategies will be built around: improvements to sustainable modes of travel (i.e. walking, cycling and passenger transport); targeted improvements to the MRN; and targeted improvements to the SRN. Targeted road improvements mean that they are demonstrated as being required in the context of a multi-modal mitigation strategy which emphasises the importance of sustainable travel and are for the purpose of mitigating residual highway impacts of Plan development.

- 4.8. In response to the Government's Gear Change strategy, work is currently underway by the LHA to develop Local Cycling and Walking Infrastructure Plans (LCWIPs) for the Loughborough and Shepshed area and for the North of Leicester area. These will provide additional evidence around the specific measures needed to support modal shift and sustainable development.
- 4.9. In addition, the LHA is in the process of investigatory work to examine issues, conceptual solutions and build a strategic narrative for investment in the A6/A6004 MRN corridor. National Highways is also undertaking study work on the A46, which has been identified as a key corridor by the Midlands Connect (the regions Sub-National Transport Body), and at M1 Junction 23.
- 4.10. In response to the Bus Back Better: National Bus Strategy for England, the LHA and LCiC have published Bus Service Improvement Plans (BSIPs). Whilst both authorities were unsuccessful this time in securing recent Government funding for bus improvements, the BSIPs remain important evidence base documents presenting the challenges for bus services and priorities for how the attractiveness (in terms of encouraging greater use and shift away from the private car) of passenger transport across Leicestershire and Leicester City can be improved.
- 4.11. The LHA's BSIP will continue to be an important reference-point and leverage tool for discussions with development promotors on agreeing site-specific mitigation and contributions to cumulative measures. LCiC is moving forward with an alternative approach to securing bus improvements which, from the perspective of the Plan, will be especially relevant to the North of Leicester area.
- 4.12. A coherent mitigation strategy is essential. The proposed additional work is carrying forward the narrative thread developed and refined throughout the transport evidence base steps described earlier, with a continued focus on identifying and prioritising important sustainable transport opportunities; an increasing focus on investigating the sub-areas of impact within the Borough; and grouping these together into logical, functional areas that also align with the key locations for growth in the Plan's development strategy. This will be important in establishing clearer, evidence-based links between mitigation measures and specific sites (e.g. as set out in place-based policies in Chapter 3 of the Plan).

5. <u>Interim Transport Mitigation Package – Schemes</u> and Costs

- 5.1. The plan-level mitigation strategy (as developed through EXAM31) identifies ten specific highway improvement schemes on the MRN and SRN. Concept scheme drawings (Appendix B) and cost estimates (Appendix C) have been produced for each of these schemes.
- 5.2. All of the highway improvement schemes are associated with one or more of the transport strategies outlined in paragraphs 4.5 to 4.12 above. This is of central importance to how developer contributions will be sought towards each of the schemes, as outlined within Chapter 6 below. The ten schemes and their relationship with the strategies are set out in Table 2 with the locations of these schemes shown in Figure 1 (both below).
- 5.3. Whilst most of the schemes are only associated with one of the transport strategies, scheme 5 straddles both the Loughborough and Shepshed and the Soar Valley areas, whilst scheme 6 straddles both the North of Leicester and the Soar Valley areas. In these cases, the overall scheme cost has been split between the two strategies in accordance with the latest draft Local Plan Infrastructure Schedule (see Appendix A and footnotes at the bottom of Tables 2 and 3).
- 5.4. The combined highway scheme costs attributable to each strategy and Charnwood district as a whole are set out in Table 3 below. The cost estimates cited in Tables 2 and 3 are based on May 2022 prices and will be reviewed and updated biannually to support the implementation of the interim transport contributions policy set out in Chapter 6 of this document (see Figure 2).

Table 2 – Charnwood Local Plan Mitigation Strategy – Proposed Highway Improvement Schemes

Sch	eme	Cost* (see Appendix C)	Strategy Area(s)	Drawing Ref (see Appendix B)
1.	M1 Junction 23	£15.1m	Loughborough and Shepshed	
2.	Epinal Way/ Warwick Way	£1.0m	Loughborough and Shepshed	

3.	A6004 Epinal Way/Alan Moss Rd	£0.7m	Loughborough and Shepshed	BLITMT07-JAC-HGN- DR-CH-0007 (Rev. P01)
	-		•	, ,
4.	A6004 Epinal	£1.6m	Loughborough	BLITMT07-JAC-HGN-
	Way/Beacon Rd		and Shepshed	DR-CH-0006 (Rev. P01)
5.	A6/A6004 One Ash	£3.6m	Loughborough	BLITMT07-JAC-HGN-
	Rbt.	**	and Shepshed	DR-CH-0005 (Rev. P01)
			+ Soar Valley	,
			Joan Tamey	
6.	A46/A6	£9.3m	North of	BLITMT07-JAC-HGN-
		***	Leicester +	DR-CH-0003 (Rev. P01)
			Soar Valley	
			· · · · · · · · · · · · · · · · · · ·	BLITMT07-JAC-HGN-
				DR-CH-0004 (Rev. P01)
7	A 46/A FO	CG 4m	North of	, ,
7.	A46/A50	£6.4M		BLITMT07-JAC-HGN-
			Leicester	DR-CH-0002 (Rev. P01)
8.	A46/Wanlip Rd	£4.8m	North of	BLITMT07-JAC-HGN-
			Leicester	DR-CH-0011 (Rev. P01)
				BLITMT07-JAC-HGN-
				DR-CH-0012 (Rev. P01)
9.	A46/A607 Hobby	£2.9m	North of	BLITMT07-JAC-HGN-
	Horse Rbt.		Leicester	DR-CH-0013 (Rev. P01)
10.	A607/Fosse Way	£1.5m	North of	BLITMT07-JAC-HGN-
			Leicester	DR-CH-0009 (Rev. P01)

^{*}Based on May 2022 prices, excluding any allowance for inflation.

^{** -} of the overall scheme cost, £3.1m is attributable to the Loughborough and Shepshed strategy area and £0.5m to the Soar Valley strategy area for the purposes of the interim contributions strategy.

^{***-} of the overall scheme cost, £8.2m is attributable to the North of Leicester strategy area and £1.1m to the Soar Valley strategy area for the purposes of the interim contributions strategy..



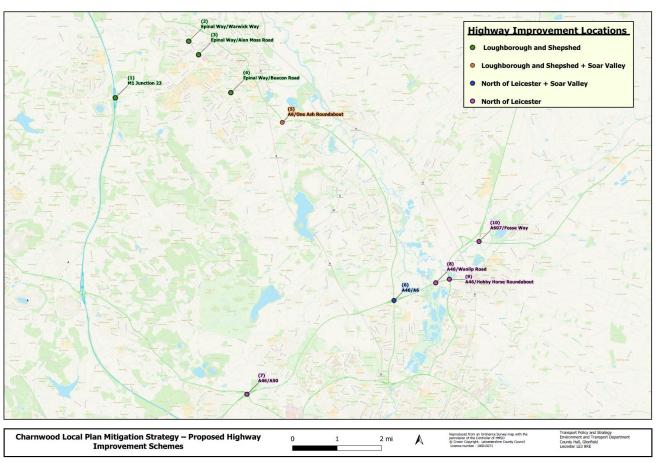


Table 3 – Charnwood Local Plan Mitigation Strategy – Proposed Highway Improvement Scheme Costs by Strategy

Transport Strategy	Highway Schemes (as per Table 2)	Combined Cost***
i. Loughborough and Shepshed	1,2, 3, 4 and 5*	£21.5m
ii. Soar Valley	5* and 6**	£1.6m
iii. North of Leicester	6**, 7, 8, 9 and 10	£23.8m
Total (i. + ii. + iii.)		£46.9m

^{*-} scheme 5 is shared between Loughborough and Shepshed and Soar Valley strategies and the costs of the scheme have been split proportionately between these two strategies to reflect this.

^{**-} scheme 6 is shared between the Soar Valley and North of Leicester strategies and the costs of the scheme have been split proportionately between these two strategies to reflect this.

^{***-} based on individual scheme costs set out in Table 1 above, including proportionate splitting of scheme 5 and 6 scheme costs between strategy areas as per preceding points and paragraph 5.3 above.

- 5.5. It is important to note that the proposed highway improvement schemes detailed above only form part of the packages of interventions that the three transport strategies will ultimately need to deliver. In addition to these schemes, the full strategies are also likely to include:
 - a package of walking and cycling interventions for each strategy/area, including Local Cycling and Walking Infrastructure Plans (LCWIPS) for the "North of Leicester" and "Loughborough and Shepshed" strategies/areas in relation to this it is important to note that the Government's latest "LTN 1/20" standards for walking and cycling mean that the required improvements are much more extensive/infrastructure-heavy and therefore costly than in past, making them more equivalent in scale to major highway schemes in many instances (i.e. not just limited to some limited signing and lining, and may in some cases require third-party land to deliver).
 - targeted passenger transport enhancements for each strategy/area (NB this is limited to strategic/cumulative interventions equivalent to the representative measures tested through the Local Plan modelling work, i.e., is over and above any site-specific passenger transport requirements which would fall to the individual developers to provide); and
 - targeted interventions on the local road network to support the overall approach
 of keeping traffic on the most appropriate routes/focussing investment on these
 routes e.g., traffic management interventions to discourage use of less
 suitable routes and/or road safety interventions on such routes to deal with
 residual traffic impacts.
- 5.6. It is not possible to estimate the total cost of the three strategies at this stage, pending the further work needed to identify the full package of interventions required for each of these, as well as wider uncertainties around future levels of scheme costs. For example, whilst the estimate makes an allowance for construction cost inflation, it is impossible to predict how accurate that allowance might prove to be several years into the future (especially in light of current market pressures and instability).
- 5.7. As the work to develop the strategies and initial package of highway improvements progresses, the full package of required interventions and associated costs will become more clearly defined. This will inform future viability assessments that in turn will enable those elements of the overall infrastructure package that are most urgently needed to support growth across the district to be prioritised.

6. Funding and Delivery

- 6.1. For the reasons outlined in paragraph 3.4., the LHA considers the transport mitigation requirements set out in Chapter 5 to be relevant and necessary to accommodating development that comes forward across Charnwood District in advance of an adopted Plan, such that they meet the tests of paragraph 57 of the NPPF and thus provide an appropriate foundation for the Interim Transport Contributions Strategy.
- 6.2. The LHA will use the strategy to secure and pool appropriate contributions from developments throughout Charnwood District, as set out through the Authority's *Interim Transport Contributions Policy for Developments in Charnwood District* (Figure 2) below. Whilst the policy is standalone, it is generally in accordance with (and supports the implementation of) the approach set out through the Plan's modified policies INF1 and INF2 and Infrastructure Schedule³ (see Appendix A for reference) and in doing so is pursuant to paragraph 34 of the NPPF.
- 6.3. Contributions will be linked to one or more of the three transport strategies outlined through paragraphs 4.5 to 4.12 of this document, in accordance with the Local Plan Infrastructure Schedule. Of these, the Loughborough and Shepshed and the Soar Valley strategy areas are largely associated with growth in Charnwood District. However, the North of Leicester Transport Strategy is also strongly linked to planned growth outside Charnwood District, including the City of Leicester's emerging Local Plan, and will therefore need to be developed, funded and delivered on a cross-boundary basis (including the highway schemes attributed to the North of Leicester area within Tables 2 and 3 above).
- 6.4. For reasons set out in paragraph 1.3. of this document, funding secured from developers will be used to deliver priority schemes within the relevant strategy area(s), but only once sufficient funding has been received to complete the scheme(s) in question.

Figure 2 – Leicestershire County Council's Interim Transport Contributions Policy for Developments in Charnwood District

Where transport evidence developed in support of a planning application indicates that development will add to the cumulative traffic and other transport problems of Charnwood district and/or adjacent areas outside the district (i.e. "cross-boundary" impacts), Leicestershire County Council, as the Local Highway Authority (LHA), will seek proportionate contributions towards the delivery of mitigation required to address these impacts.

³The Infrastructure Schedule breaks the overall transport mitigation requirements down into the three strategy areas outlined through paragraphs 4.5 to 4.12, and sets out how development throughout Charnwood District should contribute to the delivery of each of these strategies (by linking specific settlements/locations to a specific strategy).

Any contributions sought will relate to one or more of the transport strategies identified through paragraphs 4.5 to 4.12 of this document for the following areas:

- Loughborough and Shepshed,
- The Soar Valley, and
- The North of Leicester.

The contributions sought may be financial or 'in kind' (as defined within the National Planning Policy Framework – NPPF; e.g. developer-led delivery of specific schemes identified through Chapter 5 of this document). Where a development/site is able to provide an appropriate and proportionate 'in kind' contribution, this will normally be sought in preference to an equivalent financial contribution. All contributions sought will be attributable to one or more of the types (i.- iii.) described below, as appropriate;

- i. A Strategic Highway Contribution towards the delivery of the required targeted road network improvements outlined in Table 2 of this document and/or as may subsequently emerge through further development of the transport strategies referred to above. Financial contributions will be calculated on a prorata basis (e.g. based on numbers of dwellings and/or employment floorspace to be provided by the development/site in question) as agreed between Charnwood Borough Council (as the local planning authority) and Leicestershire County Council (as the LHA).
- ii. A **Strategic Active Travel Contribution** towards the provision of new cycling and walking infrastructure and associated promotional activities forming part of the transport strategies referred to above.
- iii. A Strategic Passenger Transport Contribution towards the provision of new or enhanced road passenger transport services and/or the delivery of new passenger transport infrastructure forming part of the transport strategies referred to above.

Where appropriate, the contribution(s) will be accompanied by a review mechanism, to determine whether it should be provided as a financial or 'in kind' contribution, along with the specific details of the proposal(s) to be implemented. The review mechanism will be triggered at or before the point that the contribution becomes due under the conditions and/or obligations attached to planning permission.

All financial contributions sought will be index linked. Type (i) contributions will use the latest cost estimates for the individual highway schemes set out in Table 2 and/or the latest highway scheme cost sub-totals for each strategy area set out in Table 3 of this document as a baseline. Type (ii) and (iii) contributions will require a baseline cost estimate to be identified and agreed with the LHA through the transport evidence developed in support of the planning application. The cost estimates for any schemes used as a basis for financial contributions secured under

this policy will be reviewed and updated at least biannually to support the indexation process.

Financial contributions secured through this policy will be pooled and used to deliver priority schemes within the relevant strategy area(s). Scheme delivery will only commence once sufficient funding has been received to complete the scheme(s) in question.

'In kind' contributions will only be agreed where they align with the specific proposals and/or wider transport strategies referred to above and are in accordance with the appropriate Leicestershire County Council and/or Government design guidance at the time of securing such funds.

- 6.5. In parallel with the approach to developer contributions set out in the above policy (Figure 2), the LHA will work with partners to develop bids and business cases to secure public funding of projects from Government where suitable opportunities exist, including through bidding opportunities or promotion of projects through the Major Road Network programme and the Road Investment Strategy process.
- 6.6. Various Government funding pots have come and gone over the years associated with enabling the delivery of growth (e.g., Growth Deals and the Growth and Housing Fund). The same is likely to hold true for the future; over the Plan's lifetime (2021 to 2037) Governments are still likely to be making monies available to support economic growth and to help to deliver on net-zero policy aspirations/requirements. The best way to maximise opportunities to secure investment from all sources is to continue developing the area Transport Strategies outlined through paragraphs 4.5 to 4.12.
- 6.7. The approach taken to date is of sufficient detail that it has identified specific junctions and links where mitigation is likely to be required and has outlined what form mitigation should take (as set out in Chapter 5). This work will underpin more detailed work, both led by site promotors and through the three identified transport strategies.
- 6.8. Whilst it is plausible to suppose that funding will come forward towards the delivery of the mitigation package outlined in Chapter 5, it is highly improbable that it will be possible to bring forward all necessary mitigation measures in parallel with growth in the district. It is recognised that this may lead to increased levels of congestion on the highway network before mitigation measures are in place.
- 6.9. There will continue to be a requirement for development promotors to assess and determine their site-specific impacts and mitigation requirements. The onus will be on site promoters to demonstrate this through their transport assessments developed in support of planning applications, whilst the district-wide mitigation strategy will provide the overarching framework of prioritised and phased measures

which mitigate the cumulative and cross-boundary impacts of district-level (and wider cross-boundary) growth.

Appendix A

Draft Charnwood Local Plan 2021-2037 – Key Policies (incorporating proposed main modifications)

A1. <u>Policy INF1: Infrastructure and Developer Contributions (as amended through proposed Main Modification 8d):</u>

We will work with infrastructure providers, developers and partner organisations to ensure the delivery of new and improved infrastructure* necessary to support our development strategy and to create sustainable, safe and healthy communities reducing health inequalities. We will support development that:

- is supported by robust evidence of the infrastructure needed to mitigate impacts and support sustainable development;
- funds the reasonable costs of on site and where appropriate off site, infrastructure, needed to mitigate the impacts of the development through the use of Section 106 Legal Agreements, or in the case of highways, Section 278 Legal Agreements;
- contributes to the reasonable costs of any infrastructure required to mitigate the
 impacts of the development strategy including through the pooling of developer
 contributions where it is demonstrated that the impacts can only be addressed
 in a comprehensive way including cumulative and cross boundary impacts; and
- provides serviced, accessible, and prepared land, where required and the need is justified, to enable infrastructure to be delivered.

We will seek to enter into planning performance agreements with promotors of strategically important sites to ensure a programmed approach to determination and implementation.

We will relate the type, amount and timing of infrastructure to the scale of development and the impact it has on the site and surrounding area. Where viability is identified by a developer as a barrier to delivery, we will expect this to be evidenced and scrutinised as part of an open book viability appraisal.

*as set out in Appendix 3 and future iterations to be published in the Infrastructure Delivery Plan.

A2. <u>Policy INF2: Development and delivery of Transport Strategies (as amended through proposed Main Modification 8e):</u>

We will continue to work with Leicestershire County Council, National Highways, Leicester City Council, wider HMA authorities and other stakeholders as required to mitigate the transport impacts of our development strategy through the delivery of Transport Strategies for Loughborough Urban Centre and Shepshed; the North of Leicester; and the Soar Valley. The transport strategies will be built around the following key components, to be funded and delivered by private developers and the public sector:

- Improvements to sustainable modes of travel; i.e. walking, cycling and
 passenger transport (as appropriate both capital infrastructure measures –
 and revenue measures, such as training and promotional activities and/or
 service improvements)
- Targeted Improvements to the Major Road Network (MRN)
- Targeted Improvements to the Strategic Road Network (SRN)

Where improvements are being delivered to the MRN or SRN, we will look for these to include measures that deliver, as appropriate, improved facilities for walking, cycling and passenger transport.

We will support development that is supported by a robust travel plan and robust transport assessment of the impact of the development on the road network, including any cumulative and/or cross-boundary impacts, and that demonstrates that impacts can be mitigated.

Where a transport assessment indicates that development will add to cumulative traffic impacts across the Borough and/or indicates cross-boundary impacts, we will require that it contributes to the reasonable costs of measures required to mitigate such impacts in accordance with Policy INF1 either through a financial contribution or scheme delivery.

We will work with partners to develop bids and business cases to secure public funding of projects from Government, including through bidding opportunities or promotion of projects through the Major Road Network programme and the Road Investment Strategy process. Where necessary, the Council and/or the highway authorities will use compulsory purchase powers to deliver elements of the strategies.

A3. Infrastructure Schedule (as amended through proposed Main Modifications 9a to 9w):

Location and Infrastructure Category	Infrastructure Scheme	Cost	Critical Infrastructure		Delive Timeso 2021-2026	ale 6-2031-	
					2026 2031	2037	
Sustainable Urban Extensions							
(North East of Leicester) Sustai	nable Urban Extension						
Highway Works and Junction Improvements	Main road via East Thurmaston from Barkby Thorpe Lane to King Street and Hamilton Lane	£16,000,000		Direct provision by developer, S.106	V V		LUA2 INF1

Location and Infrastructure Category	Infrastructure Scheme	Cost	Critical Infrastructure	Delivery	Delivery Timescale		ale	Local Plan
illiastructure category							5-2031- 1 2037	Policie
	Link to Sandhills Avenue	£5,800,000	Essential	Direct provision by developer,	_	200	2037	INF2
	Link road from North East Leicester SUE	£7,200,000	Essential	S.106 Direct provision by developer,		٧		
	Consider the substitute of ACO7 Double. The supstitute of ACO7	C4 27F 000	Fki-l	S.106				
	Capacity enhancements at A607 Barkby Thorpe Lane and Troon way / Barkby Road roundabouts	£1,275,000	Essential	Direct provision by developer, S.106		٧		
Sustainable Transport Measures	Bus Service Subsidy Cap	£1,687,000	Essential	S.106 developer contributions	٧	٧	٧	LUA2 CC5
vieasures	(Additional contingency of £1,095,000) Travel Packs and Travel Passes		Essential	S.106 developer contributions	V	٧	V	INF1
	3 On Site Cycle Routes and	£1,484,647	Essential	S106 developer contributions	,	,	,	
	5 Off Site Walking and Cycling Schemes	£1,042,379	Essential	3100 developer contributions	٧	٧	V	
Education	3 New Primary Schools: - Primary School 1: 2FE 420 pupils on 1.93ha of	Primary School 1: £5,350,000	Essential	S.106 developer contributions		٧	٧	LUA2 INF1
	land	Primary School						1141 1
	 Primary School 2: 2FE 420 pupils (or 3FE 630 pupils) on 2.86ha of land 	2: £5,350,000 (or £7,599,000)						
	- Primary School 3: 1FE 210 pupils on 1.93ha of	Primary School						
	land Secondary School on a site of 6.03ha (also land for a	3: £3,100,000 Up	Essential	S.106 developer contributions		٧	V	
	relocated Roundhill Academy)	to £16,727,200		· ·		<u> </u>	, ·	
Health	Expansion of existing healthcare facilities (or healthcare facility within the District	£873,494	Essential with means of delivery to be determined	S.106 developer contributions	٧	٧	٧	LUA2 INF1
	Centre which could cost up to £1,386,082).							
Open Space and Recreation	Green Infrastructure:	-	Essential	Direct provision by developer		٧	٧	LUA2
	- 48ha of Parks including a Destination Park							EV9 EV10
	(including 1 NEAP and 1 LEAP)							INF1
	- 61ha of Natural and Semi Natural Green Space							
	- 6ha of Allahusak							
	- 4ha of Allotments.							
	 Orchards Play Facilities comprising 7 sites for children and 7 sites 	-	Essential	Direct provision by developer		٧	V	
	for young people Outdoor Sports Facilities on 28ha of land for formal		Essential	Direct provision by developer		,		
	and informal sports		Essential	birect provision by developer		٧	V	
	Indoor Sports Facilities comprising a 4-court sports hall	-	Essential	Direct provision by developer		٧	٧	
Burial Space	Burial Space on 0.6ha of land either within or outside		Essential	Direct provision by		٧	٧	LUA2
	the site			developer or S.106				ES12 INF1
Community Facilities	Community Centre Facilities comprising the community	£1,900,000	Essential	S.106 developer contributions		٧		LUA2
Libraries	hall, police facility and library hub Provision and or enhancement of existing library	£237,140	Essential	S.106 developer contributions	,	٧	.,	INF1 LUA2
Libraries	facilities and temporary library facilities	1237,140	Lissential	5.100 developer contributions	V	V	V	INF1
Civic Amonity	Wasta collection and processing at Mountcorrel sivie	£209,250	Essential	S.106 developer contributions	,	,	,	LUA2
Civic Amenity	Waste collection and processing at Mountsorrel civic amenity site	1209,250	ESSERITIAL	5.106 developer contributions	٧	٧	٧	INF1
Policing	Police Force Contribution	£1,842,980	Essential	S.106 developer contributions	٧	٧	٧	LUA2 INF1
** *	d 1.1ha of prepared and serviced land for 4 pitches for	-	Essential	Direct provision by developer		٧		LUA2
Travelling Showpeople	gypsies and travellers and a parcel of land for 4 plots for travelling showpeople							H8
North of Birstall Sustainable U		ı		'				
Highway Works and Junction	Primary Access	£5,400,000	Essential	Direct provision by developer,	h/			LUA3
Improvements	A6 Junctions 1 and 2 and two-way connection to			S.106	ľ			INF1
	Rothley A6/A46 Interchange	£3,200,000	Essential	Direct provision by developer,	V			INF2
	Junction improvements	c200 000	Fki-l	S.106				
	A6 Corridor Highway and Junction improvement works	£200,000	Essential	Direct provision by developer, S.106	٧			
	Birstall Park and Ride Junction Hallam Fields North							
	- Greengate Lane							
		£500,000	Essential	Direct provision by developer,	٧			
	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works	·	Essential Essential	S.106	٧	٧.		
	Greengate Lane Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works	£300,000	Essential	S.106 Direct provision by developer, S.106		٧		
	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester	·		S.106 Direct provision by developer,		٧		LUA3 CC5
	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years Measures include:	£300,000	Essential	S.106 Direct provision by developer, S.106	٧	٧		
Sustainable Transport Measures	Greengate Lane Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years	£300,000 £150,000	Essential Essential	S.106 Direct provision by developer, S.106 S.106 developer contributions	٧	٧		
	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years Measures include: - Off Site Public Rights of Way Improvements - Broadnook Bike Rental Scheme	£300,000 £150,000 £512,101	Essential Essential	S.106 Direct provision by developer, S.106 S.106 developer contributions S.106 developer contributions	V		7	
	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years Measures include: - Off Site Public Rights of Way Improvements	£300,000 £150,000	Essential Essential	S.106 Direct provision by developer, S.106 S.106 developer contributions	V	V	V	
Measures	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years Measures include: - Off Site Public Rights of Way Improvements - Broadnook Bike Rental Scheme Travel Planning Measures Including travel plan, travel packs and travel passes Early Years Facility at a location to be agreed for up to	£300,000 £150,000 £512,101 £52 per dwelling	Essential Essential	S.106 Direct provision by developer, S.106 S.106 developer contributions S.106 developer contributions	v v		V	CC5
Measures	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years Measures include: - Off Site Public Rights of Way Improvements - Broadnook Bike Rental Scheme Travel Planning Measures Including travel plan, travel packs and travel passes	£300,000 £150,000 £512,101 £52 per dwelling for travel packs	Essential Essential Essential	S.106 Direct provision by developer, S.106 S.106 developer contributions S.106 developer contributions S.106 developer contributions	V V		V	CC5
	- Greengate Lane - Bentley Road Hallfields Lane / Cossington Lane Works Red Hill Circle Highway Works Bus Service Subsidy for services to and from Leicester for 5 years Measures include: - Off Site Public Rights of Way Improvements - Broadnook Bike Rental Scheme Travel Planning Measures Including travel plan, travel packs and travel passes Early Years Facility at a location to be agreed for up to 162 preschool children	£300,000 £150,000 £512,101 £52 per dwelling for travel packs £1,438,480	Essential Essential Essential Essential Essential	S.106 Direct provision by developer, S.106 S.106 developer contributions S.106 developer contributions S.106 developer contributions S.106 developer contributions	V V V V		V	CC5

Location and	Infrastructure Scheme	Cost	Critical Infrastructure	Delivery	Deli Times			Local Plan
Infrastructure Category							-2031 2037	Policie
	Special Education Needs	£1,011,680	Essential	S.106 developer contributions	2026 √	2031 √	2037	
Health	Healthcare within Community Resource Centre or off	Un to C1 172 460	Essential with means of	Disast assuicion bu douglance				LUA3
	site	Up to £1,172,468	delivery to be determined	Direct provision by developer or S.106 developer contribution		٧	V	INF1
Open Space and Recreation	Green Infrastructure comprising: - 54.7ha of Natural and Semi Natural Green Space - 18.4ha of Parks and Amenity Green Space - 1.54ha of Allotments	-	Essential	Direct provision by developer	٧	٧	٧	LUA3 EV9 T3 INF1
	Children and Young People's Play Facilities comprising at least 5 LEAPs and 1 NEAP	-	Essential	Direct provision by developer	٧	٧	٧	
	Artificial Grass Pitch (AGP) on 3.2ha of land (to be transferred to Cedars Academy subject to a CUA) and Outdoor Sports Facilities including playing pitches.	£975,000	Essential	Direct provision by developer S.106 developer	٧	٧	٧	
	Junior Football Pitch, Multi Use Games Area, Pavilion and Car Parking	1975,000	Essential	contributions	٧	٧	٧	
Community Facilities	Community Resource Centre (Broadnook Hall comprising (subject to demand) the Police Facility, the Healthcare Facility, the Community Hall and community facilities	£5,000,000	Essential with details of provision subject to assessment of demand			٧		LUA3 INF1
	Foxfield Park Pavilion including changing rooms, offices, community shop, café and library facility.	-	Essential	Direct provision by developer	٧			
Libraries	Library Facilities at Foxfield Park Pavilion and Community Resource Centre with enhancements at Birstall and Rothley libraries	£58,850	Essential	S.106 developer contributions	٧	٧		
Civic Amenity	Civic Amenity Contribution to fund all or part of a project at Mountsorrel Civic Amenity Site	£100,756	Essential	S.106 developer contributions	٧	٧		
Policing	Police Facility within the Community Resource Centre	_	Essential	Direct provision by developer		٧		
Gypsies and Travellers	0.4ha of land within the application site for Travelling Show people	-	Essential	Direct provision by developer		٧	٧	LUA3 H8
West of Loughborough Sustain					<u> </u>	<u> </u>	<u> </u>	
Highway Works and Junction Improvements	Roundabout Access with A6	£1,375,000	Essential	Direct provision by developer, S.106 developer contributions	٧			LUC2 INF1
improvements	Highway Improvement Works to M1 Junction 23	£1,600,000	Essential	Direct provision by developer, S.106 developer contributions	٧			
	Roundabout Access with A512	£2,600,000	Essential	Direct provision by developer, S.106 developer contributions	٧			
	Dualling of A512	£8,530,000	Essential	Direct provision by developer, S.106 developer contributions	٧			
	Strategic Link Road	£6,200,000	Essential	Direct provision by developer, S.106 developer contributions		٧		
	Hathern Road Access	£1,800,000	Essential	Direct provision by developer, S.106 developer contributions		٧		
Sustainable Transport Measures	Off Site Footpath Improvements	£1,955	Essential	S.106 developer contributions	٧	٧		LUC2 CC5
	2 Cycle ways at Clowbridge Drive and Blackbrook and junction Improvements	£912,555	Essential	S.106 developer contributions	٧	٧		INF1
	2 new Bus Stops on the A512 to the east of the application site access.	£15,896	Essential	S.106 developer contributions	٧			
	Travel Planning Measures including travel packs and travel passes for up to 2 adults per dwelling.	£52.85 per dwelling	Essential	S.106 developer contributions	٧	٧	٧	
Education (Provision Subject to Education Delivery Review)	Primary Schools comprising:	Primary School North: £4,960,000 Primary School South: £5,350,000	Essential	S.106 developer contributions	V	V	V	LUC2 INF1
	High School Contribution for places at Charnwood College and Iveshead School Delivery, triggers and instalments set out in Education Delivery Review.	£5,720,374	Essential	S.106 developer contributions	_	-	-	
	Upper School Contribution for places at Charnwood College and Iveshead School Delivery, triggers and instalments set out in Education Delivery Review.	£3,935, 346	Essential	S.106 developer contributions	-	-	-	
Health (Subject to Healthcare Needs Review))	Healthcare Facility on site within the Community Hub or contribution in lieu of provision	£1,606,809	Essential with provision to be agreed	Direct provision by developer or S.106 developer contributions		٧	٧	LUC2 INF1
Open Space and Recreation	Green Infrastructure comprising: Garendon Registered Park of 188ha. Garendon Common and parks. 35ha of Amenity Green Space. 36haof Natural and Semi Natural Green Space. 33.5ha of proposed woodland and 52ha of existing woodland'	-	Essential	Direct provision by developer	V	٧	٧	LUC2 EV7 EV9 INF1

Location and	6 sites for children and young 1 off site contribution for improvements to the	Cost	Critical Infrastructure	Delivery	Delivery Timescale			Loca Plan
Infrastructure Category						2026		Polici
		£189,636	Essential	Direct provision by developer and S.106 developer contributions	2026 √	2031 √	2037 √	
	Pear Tree Lane Play Area Outdoor Sports Facilities: Playing pitches on no less than 9ha. Off road cycling facility. Parkour facility, outdoor fitness and trim trail, orienteering course and a minimum of 2 multi use games areas. 1 artificial grass pitch including tennis courts. 13.8ha for informal sports and recreation.	-	Essential	Direct provision by developer		V	٧	
ibraries	Towards provision of local library facilities at L'boro, Shepshed and Hathern	£96,580	Essential	S.106 developer contributions	٧			LUC2 INF1
ivic Amenity	To fund project at Shepshed Civic Amenity Site	£135,000	Essential	S.106 developer contributions	٧	٧	٧	
olicing	Comprising contributions towards premises, equipment, vehicles and technology	£1,315,710	Essential	S.106 developer contributions	٧	٧	٧	
lypsies, Travellers and ravelling Showpeople	0.32ha for Gypsy and Travellers and 0.68ha for Travelling Showpeople	-	Essential	Direct provision by developer in accordance with S.106		٧		LUC2 H8
				Agreement				ПО
Loughborough Science and En	To be determined through detailed transport assessment. Main access is expected to be from A512 Ashby Road with additional access points from Snells Nook Lane as required.	tbc	Essential	S.106 developer contributions	delive trajec depe timin planr applie	nd upon ng of a ning cation	will on the and	LUC3 E1 INF2
	Walking and cycling routes with site and connected to	tbc	Essential	5.106 developer	assessment of the infrastructure requirements and their delivery.		the infrastructure requirements and their delivery.	
ustainable Transport	wider networks			contributions	As above		CC5	
	Enhanced connectivity to bus network and site wide green travel plan with supporting measures to provide incentives to sustainable travel	tbc	Essential	S.106 developer contributions				
pen Space	Green Infrastructure, including strategic open space, wildlife areas, attenuation basins and drainage features, green networks and all associated structural and general landscaping.	tbc	Essential	S.106 developer contributions	As above		LUC3 CC1 CC2 EV7 EV9	
lectricity and Gas	Provision for potential primary substation within the development	tbc	Subject to demand	S.106 developer contributions Western Power	As ab	ove		E1 INF1
eicester Urban Area								
Fransport Package of interventions to be Jeveloped through a North of Leicester Transport Strategy Comprising:	i. Improvements to sustainable modes of travel (walking, cycling and passenger transport) within the transport strategy area and to/from other key destinations for this area (e.g. Leicester City Centre). Specific interventions to be determined within the transport strategy but will potentially include new infrastructure and supporting (revenue) initiatives identified through: - Leicester City Council's Transforming Cities Fund (TCF) programme. - Leicester City Council and Leicestershire County Council's respective Bus Service Improvement Plans (BSIP). - Leicestershire County Council's emerging Local Cycling and Walking Infrastructure Plan (LCWIP) for the North		Essential	\$106 developer contributions / public funding	V	V	V	LUA1 CC5 INF1 INF2
	of Leicester area. ii Targeted improvements to the Major Road Network (MRN) in and around the transport strategy area,		Essential	S106 developer contributions /	,	٧	٧	
	including: - A46/A6 Wanlip Interchange.	£8,200,000						
	A46/A607 Interchange (Fosse Way Roundabout) iii Targeted improvements to the Strategic Road Network (SRN) in and around the transport strategy area, including:	£1,500,000	Essential	S106 developer contributions / public funding	′		٧	
	- A46/A50 The Brantings Interchange	£6,400,000						
	- A46/Wanlip Road slip road layout changes	£4,900.000						

Location and	Infrastructure Scheme	Cost	Critical Infrastructure	Delivery	Dei Time			Loca Plan
Infrastructure Category						2026 2031		-Policie
	- A46/A607 Hobby Horse Roundabout	£3,000,000						
	- Any additional schemes identified through National Highways' ongoing A46 Study.							
	iv Supporting interventions on the Local Road Network (as required) – to be identified through the transport strategy.	tbc	Essential	S106 developer contributions / public funding	٧	٧	٧	
Education	See requirements for each location	-	-		٧	٧	٧	LUA1 INF1
Health	See priorities for each location	-	-	-	٧	٧	٧	LUA1 INF1
Water and Sewerage	All LUA served by Wanlip WwTW where additional capacity investment is planned to take place from 2025	-	Essential	Severn Trent Water		٧		LUA1 CC2
Birstall								
Transport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously	tbc	Essential	S106 developer contributions / public funding	٧	٧	٧	LUA1 CC5 INF1 INF2
Education	Primary: Growth could be accommodated. Secondary: Cedars	-	Sufficient capacity at schools		-	-	-	DS3 LUA1
Health	Academy could accommodate growth Served by Birstall Medical Centre and Greengate Medical Centre. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.	-	Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	INF1 LUA1 INF1
Glenfield						<u> </u>		
Transport	Proportionate contributions towards the North of	tbc	Essential	S106 developer contributions /	٧	٧	٧	LUA1
	Leicester Transport Strategy as described previously			public funding				INF1 INF2
Education	Primary: Reserve site for 1FE School at Gynsill Lane. or new school provision within a safe walking distance from the site Reasonable costs of making this provision to be shared amongst the developments that it would serve. Provision dependent upon ongoing discussions with promoters, Leicester City Council, Blaby District Council and Leicestershire County Council. Secondary: Martin High School has potential for growth.	£8,944,771	Essential	S.106 developer contributions		٧	٧	DS3 LUA1 INf1
Health	Served by Anstey Surgery. CCG to work with local partners to ensure local provision that maximises the use of available resources		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	LUA1 INF1
Syston	and supports people to access care and treatment.							<u> </u>
Fransport	Proportionate contributions towards the North of	tbc	Essential	S.106 developer contributions	V	V	١v	LUA1
Transport	Leicester Transport Strategy as described previously		ESSCHIO	/ public funding	V	V	V	CC5 INF1 INF2
Education	Primary: Site of 2-3 ha would need to be reserved for a new 2 FE Primary School on land South East of Syston HA1). The reasonable costs of making this provision to be shared amongst the developments that it would serve with contributions towards construction cost. Secondary: Wreake Valley or Roundhill Academy. Sufficient places at Wreake Valley		Essential	S.106 developer contributions with the costs shared amongst developments that it would serve.		٧	٧	DS3 LUA1 INF1
Health	Served by Jubilee Practice and County Practice, Syston. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	LUA1 INF1
Nater and Sewerage	Capacity improvements requirements to be reviewed in more detail and implement if required. Served by Wanlip WwTW where additional capacity investment is planned to take place from 2025. Kirby Lane Pumping Station also likely to require capacity improvements to serve growth.		To be determined following more detailed assessment of requirements.	Severn Trent Water would fund and deliver scheme if it is prioritised for investment.		٧		LUA1 CC2
Thurmaston								

Location and	Infrastructure Scheme	Cost	Critical Infrastructure	Delivery	Deliv Times			Local Plan
Infrastructure Category						2026- 2031		Policie
Transport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously	tbc	Essential	S106 developer contributions / public funding		٧	٧	LUA1 CC5 INF1 INF2
Education	Primary: Potential to accommodate in existing Thurmaston Primary Schools. Secondary: Wreake Valley or Roundhill Academy. Sufficient places at Wreake Valley		Sufficient Capacity		-	-	-	DS3 LUA1 INf1
Health	Served by Thurmaston, Silverdale and Manor Medical Centres. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding		٧	٧	LUA1 INF1
Water and Sewerage	Capacity improvements requirements to be reviewed in more detail and implement if required. Thurmaston Canal Street pumping station is likely to require upsizing to serve growth.		To be determined following more detailed assessment of requirements	Severn Trent Water would fund and deliver scheme if it is prioritised for investment.	٧	٧		LUA1 CC2
Loughborough			•	<u>'</u>				
Loughborough and Shepshed Transport Strategy	Potential further measures/contributions to support the delivery of the transport strategy (as described in more detail below)	tbc	Essential	\$106 developer contributions / public funding	٧	٧	٧	LUC1 LUC2 LUC3 CC5 INF1 INF2
Transport package of interventions to be developed through a Loughborough and Shepshed Transport Strategy comprising:	i Improvements to sustainable modes of travel (walking, cycling and passenger transport) within the transport strategy area and to/from other key destinations for this area. Specific interventions to be determined within the transport strategy but will potentially include: - New infrastructure and supporting (revenue) initiatives identified through Leicestershire County Council's emerging Local Cycling and Walking Infrastructure Plan (LCWIP) for Loughborough and Shepshed. - New/improved "cross town" passenger transport connections between Shepshed, Loughborough town centre and Loughborough Railway Station. - New/improved connections to East Midlands Airport and other major employment opportunities within the Leicestershire International Gateway	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	LUC1 LUC2 LUC3 CC5 INF1 INF2
	- A6004/Beacon Road Roundabout - A6004/Alan Moss Road Roundabout	£3,100,000 £1,600,000 £700,000 £1,000,000				V	V	
	area, including at M1 Junction 23 between Loughborough and Shepshed iv Supporting interventions on the Local Road Network	tbc			٧	٧	٧	
	(as required) – to be identified through the transport strategy.							
Education	Primary: Site for a new 2 FE Primary School to be located on land South of Loughborough (HA15). Reasonable costs of making this provision to be shared amongst the developments that it would serve. Secondary: Loughborough Secondary Schools have capacity and scope to expand schools in Loughborough	£14,467,918	Essential	S.106 developer contributions		٧	٧	DS3 LUC1 INF1
Health	area Served by Dishley Grange, Charnwood, Woodbrook, Bridge Street, Pinfold, Park View Medical Practices		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	LUC1 INF1

Location and	Infrastructure Scheme	Critical Infrastructure	Delivery		Delivery Timescale		Local Plan	
Infrastructure Category						-2026 2031		Policie
	CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.							
Water and Sewerage	Treatment capacity would need to be increased at Loughborough wastewater treatment works by about 2030 to cater for growth in Loughborough		Essential. Timing and specification to be determined following more detailed assessment of requirements	Severn Trent Water would fund and deliver scheme if it is prioritised for investment.		٧	V	LUC1 CC2
Shepshed								
Transport	Proportionate contributions towards the Loughborough and Shepshed Transport Strategy as described previously	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	SUA1 CC5 INF1 INF2
Education	Primary: 3ha site and infrastructure for a new 3 FE Primary School on land at Tickow Lane (South), Shepshed (HA32), but contributions to reflect the yield of 562 pupils and contributions (2 classrooms less than 3FE school). Reasonable costs of making this provision to be shared amongst the developments that it would serve Secondary: Leicestershire County Council developing proposals to accommodate growth.	£19,362,603	Essential	S.106 developer contributions with the costs shared amongst all developments in Shepshed that it would serve.	٧	٧	٧	DS3 SUA1 INF1
Health	Most new allocations served by Forest House and Field Street Surgeries. Forest Edge, Dishley Grange and also Manor House, Belton in North West Leicestershire also in proximity to some allocations. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential.	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	SUA1 INF1
Water and Sewerage	Additional treatment capacity expected to be required. Severn Trent Design Team to determine extent of additional requirements.		Essential	Severn Trent Water would fund and deliver scheme if it is prioritised for investment.		٧	٧	SUA1 CC2
Service Centres								
Anstey								
Transport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	SC1 CC5 INF1 INF2
Education	Primary: Site for a new 1 FE Primary School located on land West of Anstey (HA43) with a co-ordinated approach to development across the three land parcels that make up the site to ensure that it provides land for the school and the other infrastructure necessary to support the development as a whole. Reasonable costs of making this provision to be shared amongst the developments that it would serve Secondary: Martin High School has potential to accommodate proposed growth.		Essential	S.106 developer contributions	٧	٧	٧	DS3 SC1 INF1
Health	Served by the Anstey Surgery. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital Funding	٧	٧	٧	SC! INF1

Location and	Infrastructure Scheme	Cost	Critical Infrastructure	Delivery			elivery nescale Lo	
Infrastructure Category					2021- 2026			Policies
Transport Package of interventions to be developed through a Soar Valley Transport Strategy comprising:	North of Leicester Urban Area transport strategy described previously).	£1,100,000 £500,000 tbc	Essential	S.106 developer Contributions / public funding	V	V	٧	SC1 CC5 INF1 INF2
Education	Primary: Provide site for a new 1 FE Primary School located on land at Cotes Road, Barrow (HA48) Reasonable costs of making this provision to be shared amongst the developments that it would serve Secondary: Humphrey Perkins may require expansion during the pan period.	£8,944,771	Essential	S.106 developer contributions	٧	٧		DS3 SC1 INF1
Health	Served by Barrow Health Centre, Charnwood Surgery, Mountsorrel, The Banks and Highgate Surgery, Sileby. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	SC1 INF1
Water and Sewerage	Additional treatment capacity will be required at Barrow upon Soar by 2030		Essential. Timing and specification to be determined following more detailed	Severn Trent Water would fund and deliver scheme if it is prioritised for investment.		٧		SC1 CC2
Quorn			assessment of requirements					
Transport	Proportionate contributions towards the Soar Valley Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	SC1 CC5 INF1 INF2
Education	Primary: Quorn St Bartholomew's CoE Primary School is on a confined site and unable to expand so any additional places would need to be provided elsewhere if required. Secondary: Rawlins Academy is at capacity and sits on a large site, but the current configuration would make it difficult to extend. Further discussions will be required so that growth can be accommodated.					٧	٧	SC1 INF1
Health	Served by Quorn Medical Centre and also the Cottage Surgery, Woodhouse Eaves, Barrow Health Centre, Beaumont Road Surgery, L'boro and Alpine House Surgery, Mountsorrel. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	SC! INF1
Water and Sewerage	Additional treatment capacity will be required at Quorn by 2030		Essential. Timing and specification to be determined following more detailed assessment of requirements	Severn Trent Water would fund and deliver scheme if it is prioritised for investment.		٧		SC! CC2
Rothley								
Transport	Proportionate contributions towards the Soar Valley Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	SC1 CC5 INF1 INF2
Education	Primary: Rothley CofE Primary School is at capacity as a result of past growth and cannot be extended on current site. Leicestershire County Council is looking at alternatives to make provision. Secondary: 50:50 split between Rawlins and Cedars Academy				٧	٧		DS3 SC! INF1

Location and	Infrastructure Scheme	Cost	Critical Infrastructure Cost	Delivery		Delive mesca		Local Plan
Infrastructure Category								Policie
Health	No current provision in Rothley. Served by Highgate Medical Centre, Sileby, Quorn Medical Centre, Charnwood Surgery, Mountsorrel, Birstall and Greengate Medical Centres in Birstall. CCG to work with local partners to ensure local provision that maximises the use of available resources		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	2026	2031 √	2037	SC1 INF1
Water and Sewerage	and supports people to access care and treatment. Served by Wanlip WwTW where additional capacity investment is planned to take place from 2025		Essential	Severn Trent Water		٧		SC! CC2
Sileby								
	[a	L	le	Is too 1				504
Transport	Proportionate contributions towards the Soar Valley Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	V	V	V	SC1 CC5 INF1 INF2
Education	Primary: Site for a 0.5 FE extension of Cossington Primary School located on land to the Rear of Derrys Garden Centre (HA59). Reasonable costs of making this provision to be shared amongst the developments that it would serve Secondary: Humphrey Perkins may require further expansion. during the plan period.	See Cossington below	Essential	S.106 developer contributions	٧	٧		DS3 SC1 INF1
Health	Served by Highgate and the Banks surgeries, Sileby and Charnwood Surgery, Mountsorrel. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧	٧	SC1 INF1
Other Settlements								
Cossington								
Transport	Proportionate contributions towards the Soar Valley Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	SC1 CC5 INF1 INF2
Education	Primary: Site for a 0.5FE extension of Cossington Primary School located on land to the rear of Derry's Garden Centre (HAS9). Reasonable cost of making this provision to be shared amongst the developments that it would serve Secondary: Humphrey Perkins may require further expansion during the plan period	C£4,500,000	Essential	S.106 developer contributions	٧	٧		DS3 OSH1 SC1 INF1
Health	Served by Highgate and the Banks surgeries, Sileby and Charnwood Surgery, Mountsorrel. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, third party developments, NHS Capital Funding	٧	٧		OSH1 INF1
East Goscote								
Transport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously	tbc	Essential	S.106 developer contributions / public funding	<u>√</u>	٧	٧	LUA1 CC5 INF1 INF2
Education	Primary: Scope for provision of additional places at Broomfield Primary School who are content to expand. Secondary: Sufficient places at Wreake Valley Academy		Sufficient capacity at local schools	S.106 developer contributions	٧	٧		DS3 OSH1 INF1
Health	Served by the Jubilee Medical Practice, and the County Practice, Syston. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, Practices, NHS capital funding	٧	٧		OSH1 INF1
Hathern								
Transport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously	tbc	Essential	S.106 developer contributions / public funding	<u>√</u>	٧	٧	LUA1 CC5 INF1 INF2
Education	Primary :. Additional provision in Shepshed and Loughborough may serve Hathern.		Sufficient capacity at existing and planned schools likely to be available	S.106 developer contributions	٧	٧		DS3 OSH1 INF1

Location and Infrastructure Category	Infrastructure Scheme		Critical Infrastructure	Delivery		Deliver Timesca		Local Plan
inirastructure category						2026 2031		Policie
	Secondary: Capacity and scope to expand schools in Loughborough							
Health	Served by Dishley Grange, Charnwood, Woodbrook, Pinfold and Bridge Street Practices. CCG to work with local partners to ensure local		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital	٧	٧		OSH1 INF1
Queniborough	provision that maximises the use of available resources and supports people to access care and treatment.			funding				
rransport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	LUA1 CC5 INF1 INF2
Education	Primary: Queniborough CoE Primary School is at capacity and school is on a confined site and unable to expand without additional land if Academy in agreement. Additional places could be provided in Syston schools. Secondary: Sufficient places at Wreake Valley.			S.106 developer contributions	٧	٧		DS3 OSH! INF1
Health	Served by the Jubilee Medical Practice and the County Practice, Syston. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment.		Essential	S.106 developer contributions, GP Practices, NHS capital funding	٧	٧		OSH1 INF1
Rearsby	and supports people to access care and readment.							
Transport	Proportionate contributions towards the North of Leicester Transport Strategy as described previously.	tbc	Essential	S.106 developer contributions / public funding	٧	٧	٧	LUA1 CC5 INF1 INF2
Education	Primary: Broomfield School is content to expand to accommodate growth in Rearsby. Secondary: Sufficient places at Wreake Valley.		Sufficient capacity at existing schools	S.106 developer contributions	٧	٧		DS3 OSH1 INF1
Thrussington				•				
Health	Served by the Banks Surgery, Sileby and the Jubilee Medical Practice and the County Practice, Syston. CCG to work with local partners to ensure local provision that maximises the use of available resources		Essential	S.106 developer contributions, GP Practices, NHS capital funding	٧	٧		OSH1 INF1
Thurcaston	and supports people to access care and treatment							
Transport	Proportionate contributions towards the North of	tbc	Essential	S.106 developer contributions	٧	٧	٧	LUA1
	Leicester Transport Strategy as described previously.			/ public funding	•	Ţ		CC5 INF1 INF2
Health	Served by Greengage and Birstall Medical Centres and Alpine House, Mountsorrel. CCG to work with local partners to ensure local provision that maximises the use of available resources and supports people to access care and treatment		Essential	S.106 developer contributions, GP Practices, third party developments, NHS capital funding	٧	٧		OSH1 INF1
Strategic Infrastructure								
Strategic Transport Projects	National Highways Road Investment Strategy 2 (RIS2) 'Pipeline Projects' – potential future strategic improvement schemes for delivery in RIS3 and beyond: - M1 Leicester Western Access (J21 to J21a) - M1 North Leicestershire Extra Capacity (J21a to J23a) NB – no existing commitment to deliver these schemes,	tbc	Desirable	Public funding (via inclusion in future RIS programme)		٧	٧	LUA1 LUC1 SUA1 INF1 INF2 CC5
	subject to confirmation by Government and National Highways through RIS process.							
	Enhancements to the A50 corridor between the A46 and M1 over and above existing commitments (to address the cumulative impacts of growth in Charnwood Borough, Hinckley and Bosworth Borough and North West Leicestershire District), including the following junctions: - A50/Markfield Lane (Field Head) Roundabout	tbc	Desireable	S.106 developer contributions / public funding	V	٧	V	LUA1 LUC1 SUA1 INF1 INF2 CC5

	Location and	Infrastructure Scheme	Cost	Critical Infrastructure	Delivery	Deliver	•	Local Plan	
Infrastructure C	Infrastructure Category					2026- 2031		Policies	l
		- M1 Junction 22							

Version 31-01-2023

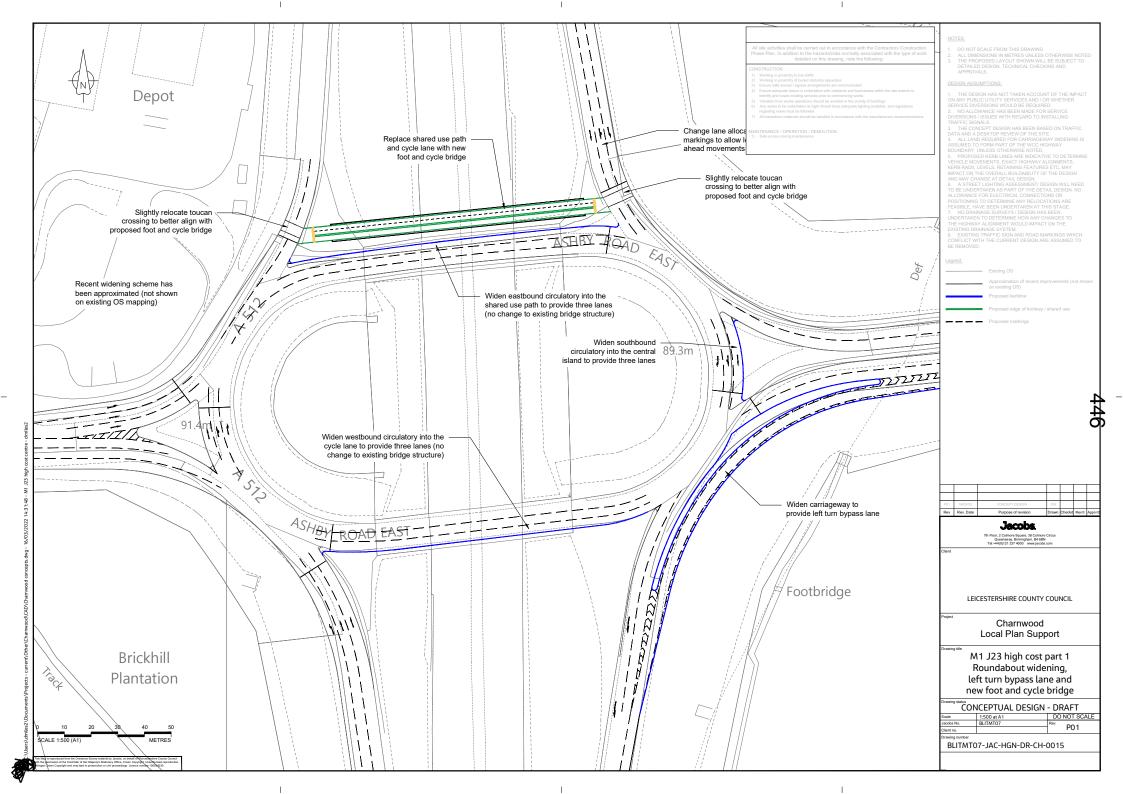
Notes:

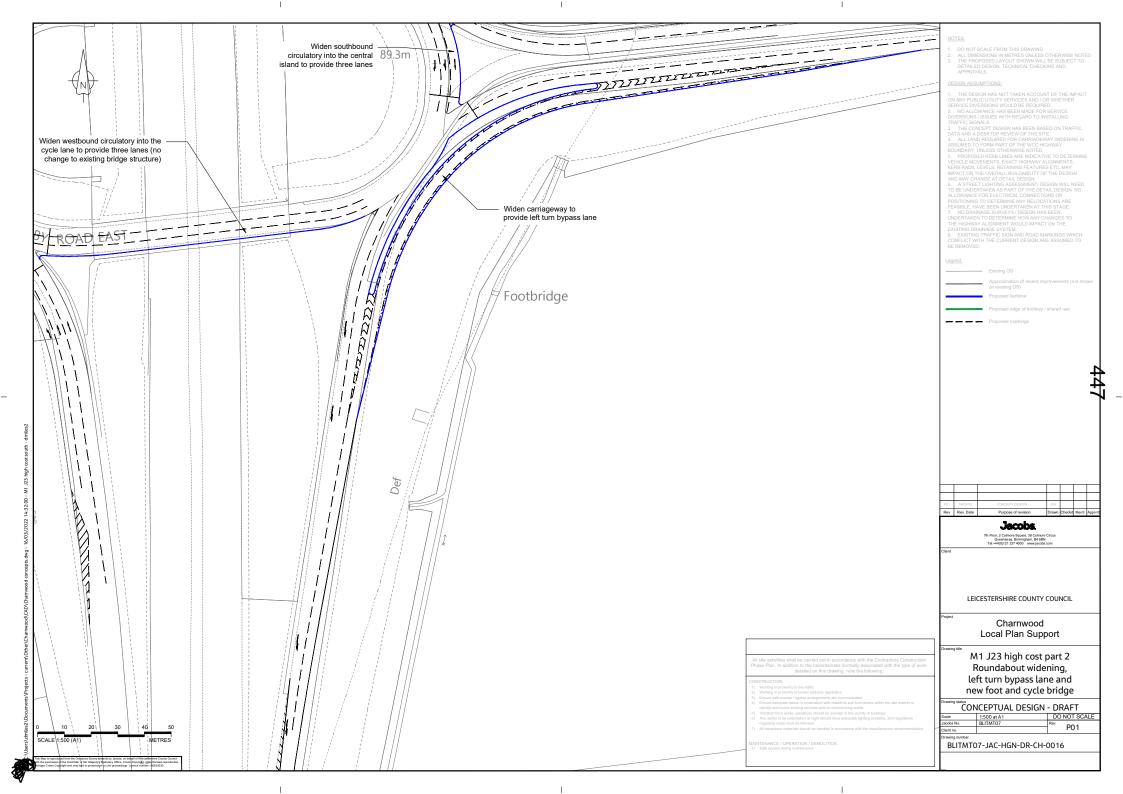
- 1. Infrastructure delivery for the Sustainable Urban Extensions has been taken from the three Section 106 legal agreements. This includes the infrastructure project, the contribution and the triggers that relate the amount of housing that can be constructed and occupied before the infrastructure or contribution is required. This has been supplemented by the latest information on highway costs and timescales provided by the developers in February 2021. Infrastructure projects are based on assessments of the measures that will be required to deliver the development strategy of the plan and mitigate the impacts of growth.
- 2. Costs of projects have been estimated wherever possible based on discussions with infrastructure providers and specialist consultants. Detailed funding arrangements will be firmed up as the plan is implemented.
- 3.The list of highway schemes and their indicative costs are the result of mitigation support work undertaken by AECOM for the Borough Council: 'Technical Note 3, Assessment of Mitigation Interventions and Preferred Package with Transport Costs, 3rd February, 2021'and 'Further Analysis, Refined Mitigation and Preferred Package, April 2021'. The details of highway schemes reflect the most up to date information provided by Leicestershire County Council in October 2022. This makes reference to the packages of interventions which will be developed through the three transport strategies for the areas North of Leicester, Loughborough and Shepshed and the Soar Valley.
- 4. The costs of primary schools have been updated to October 2022. These costs are for build costs only. They will be updated regularly in line with national benchmarking so are subject to change and subject to indexation which will also have an impact on the costs as schemes progresses. The costs do not include the early years provision and this will need to be added separately. The costs of schools in the SUEs will be amended when delivery options are clarified through the Education Delivery Reviews.
- 5. Essential infrastructure is the infrastructure that is necessary to support and mitigate development and ensures policy objectives of the Local Plan are met. Desirable infrastructure is infrastructure that could support development in the Local Plan and make it more sustainable and help deliver other place-making objectives. However, development planned in the Local Plan could take place sustainably without it.
- 6. The list of funding sources expresses a range of options for funding the required infrastructure. The inclusion of a potential funding source does not indicate an agreed commitment to funding from any organisation.
- 7. Indicative timescales have been included for the delivery of infrastructure based on our understanding the trajectory for the development of housing in the local plan.

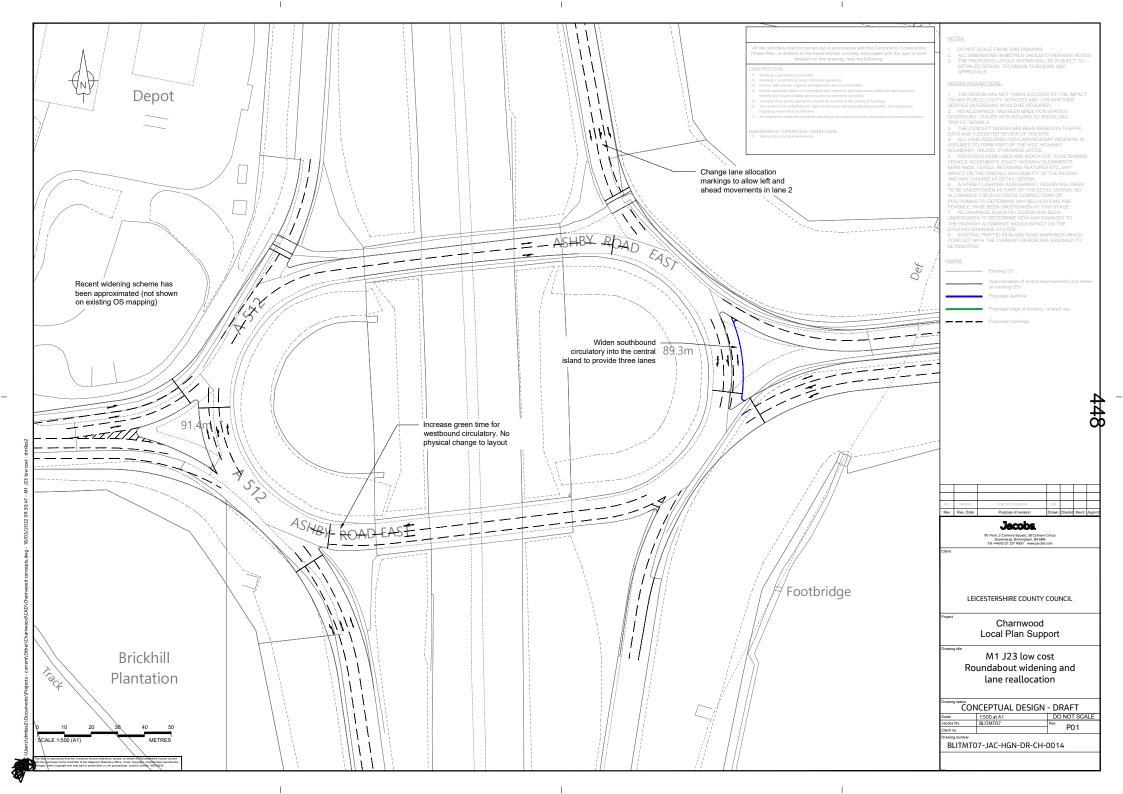
Appendix B

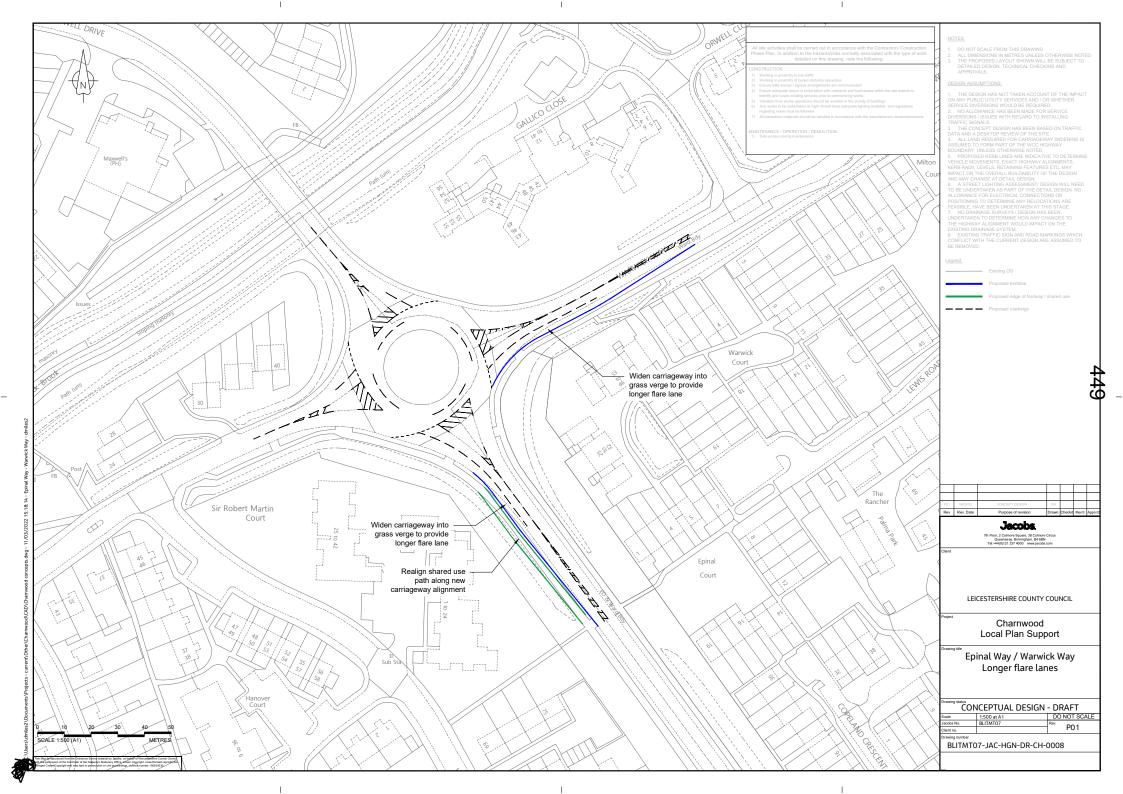
Draft Charnwood Local Plan 2021-2037 Transport Mitigation Strategy – Proposed Highway Improvement Scheme Drawings

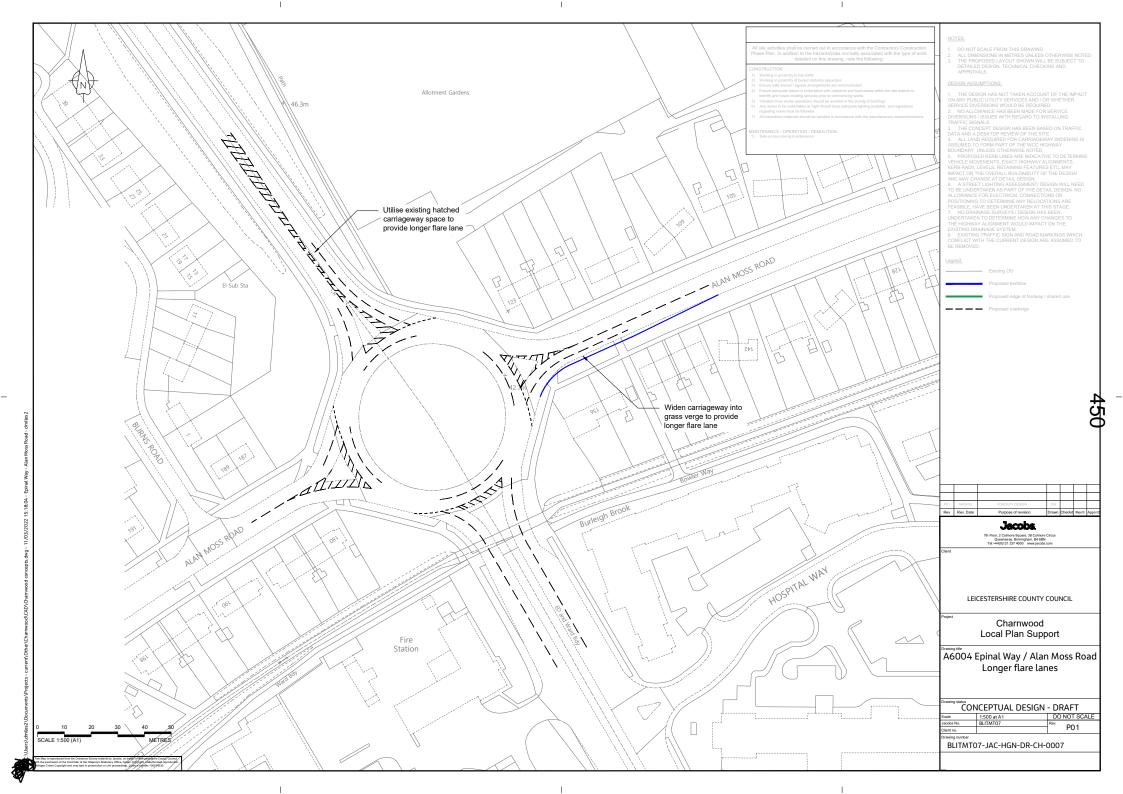
- Scheme 1 M1 Junction 23 High Cost Scheme
- Scheme 1 M1 Junction 23 Low Cost Scheme
- Scheme 2 Epinal Way & Warwick Way Roundabout Scheme
- Scheme 3 A6004 Alan Moss Road Roundabout Scheme
- Scheme 4 A6004 Beacon Road Roundabout
- Scheme 5 A6 & A6004 One Ash Roundabout Scheme
- Scheme 6 A46 & A6 Wanlip Interchange Scheme
- Scheme 7 A46 & A50 The Brantings Interchange Scheme
- Scheme 8 A46 Wanlip Lane Slip Road Scheme
- Scheme 9 A46 & A607 Hobby Horse Roundabout Scheme
- Scheme 10 A607-A46-Fosse Way Roundabout

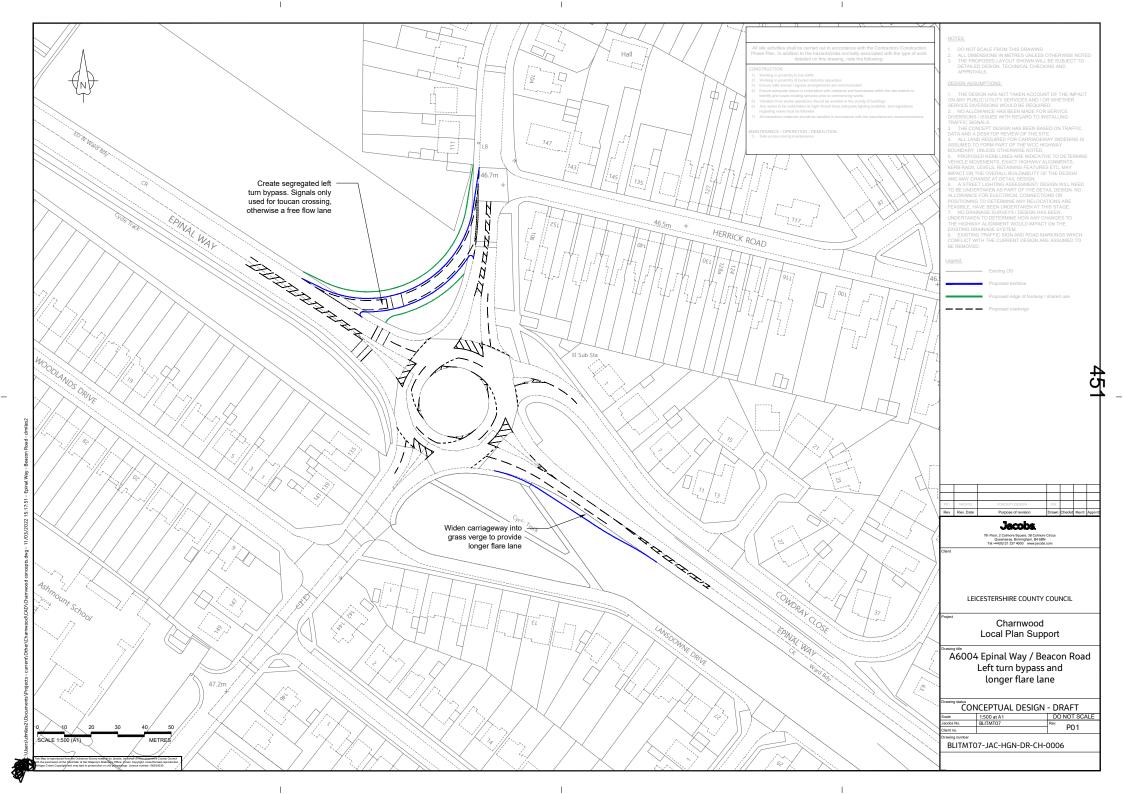


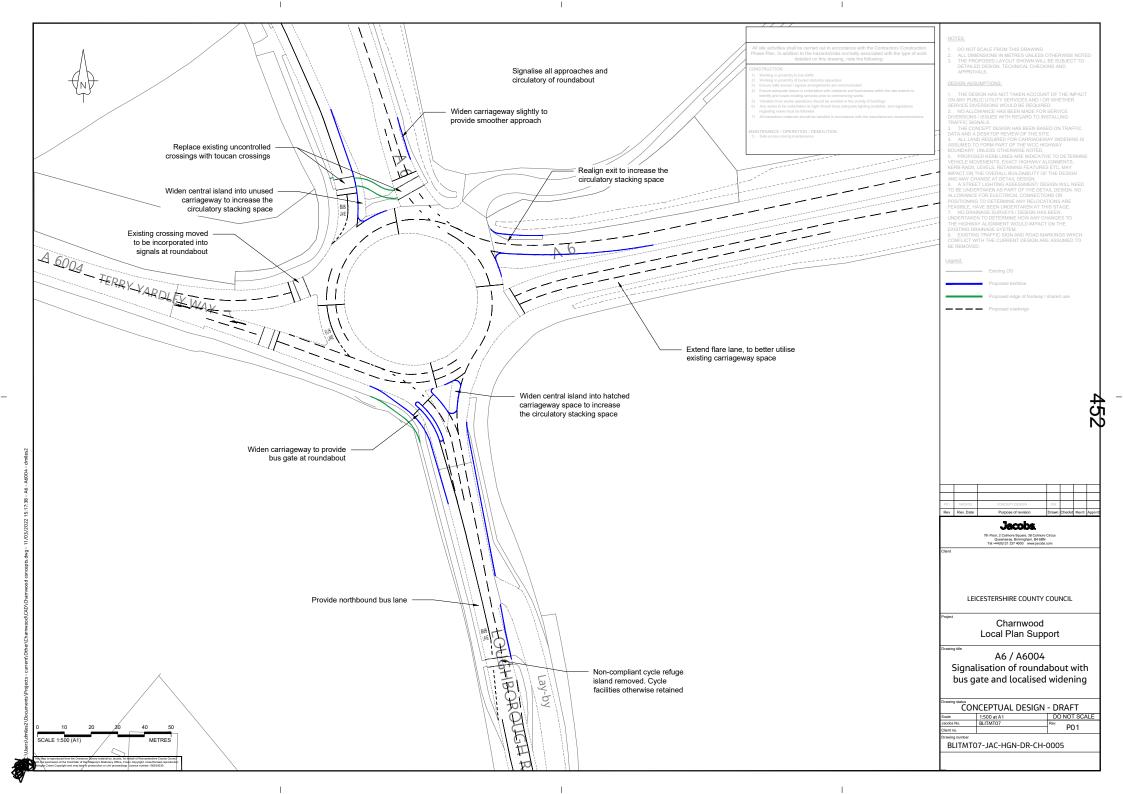


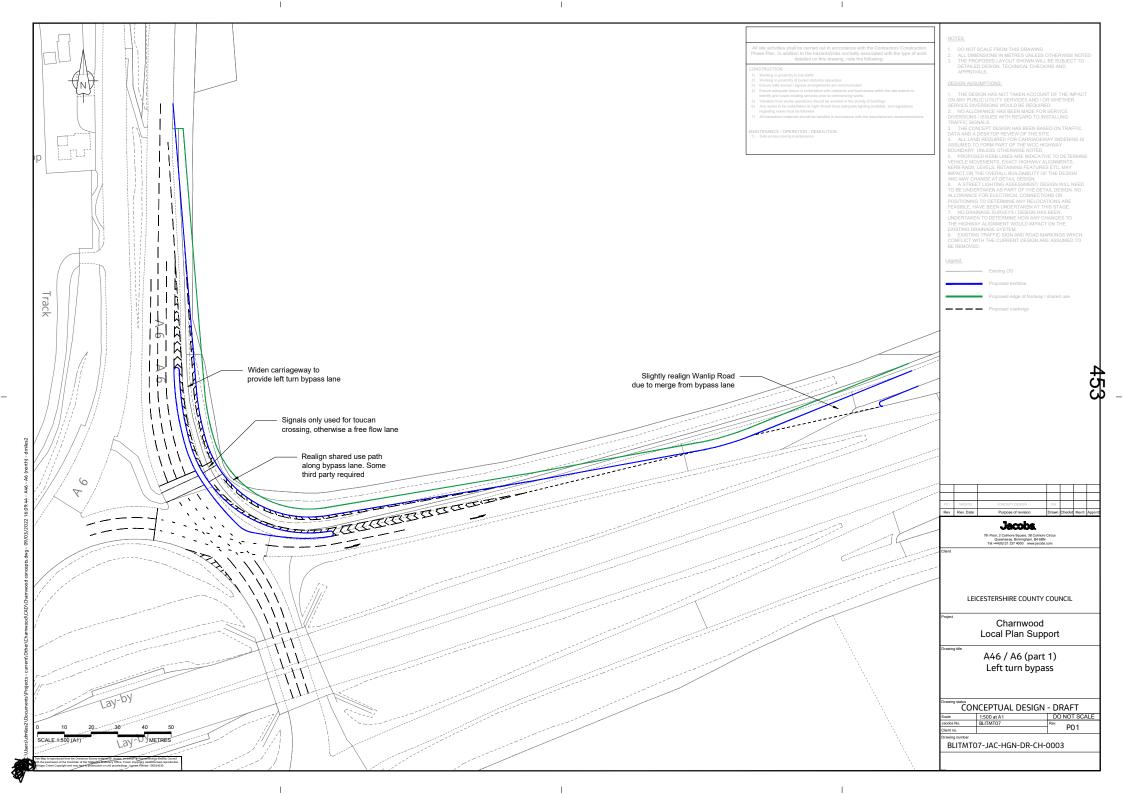


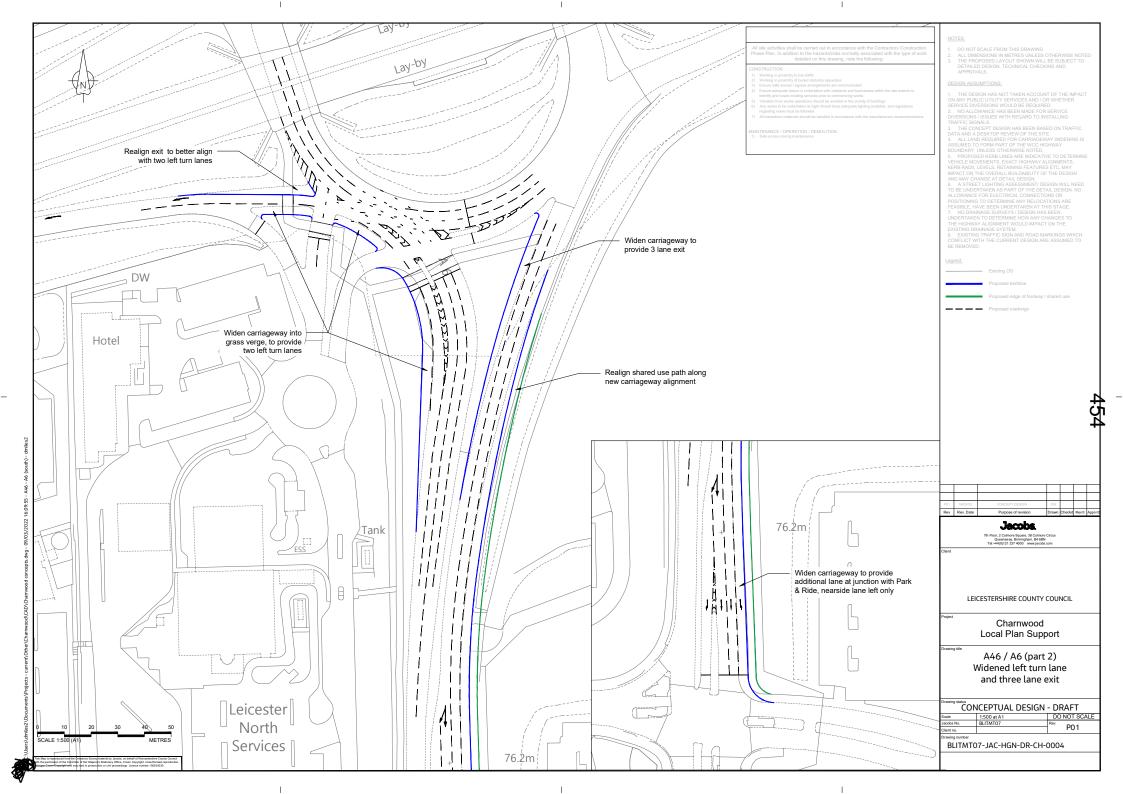


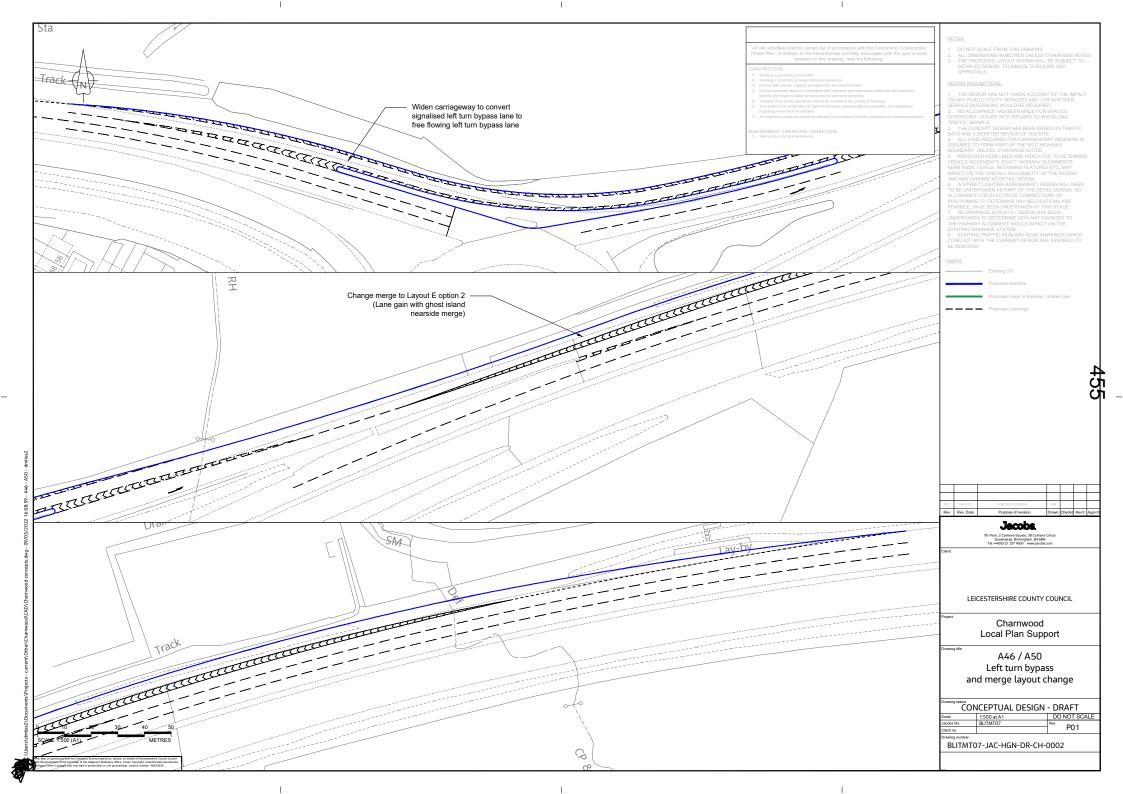


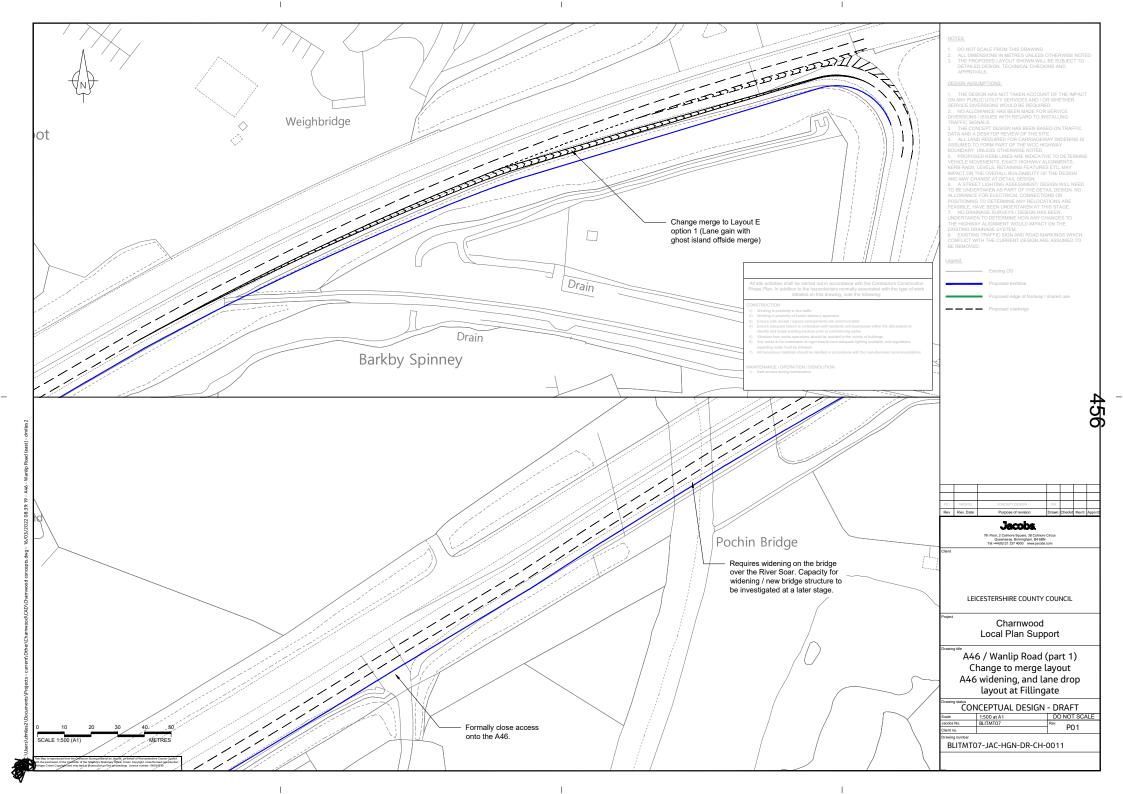


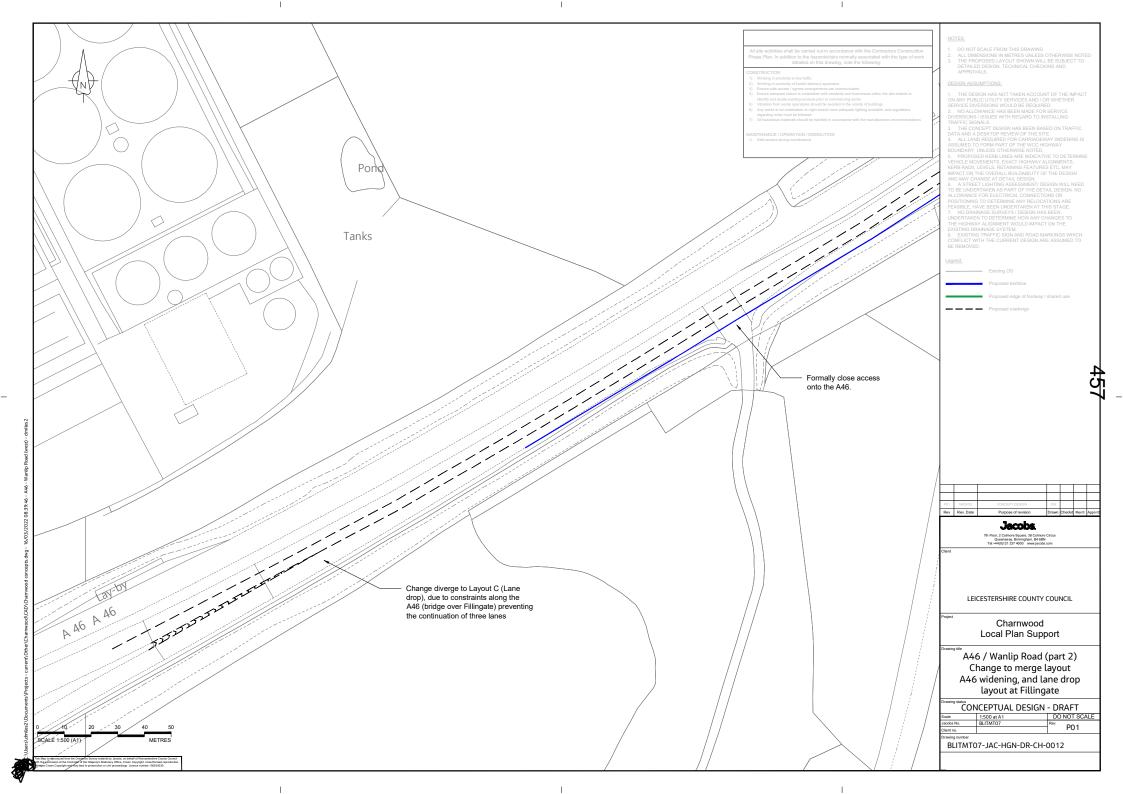


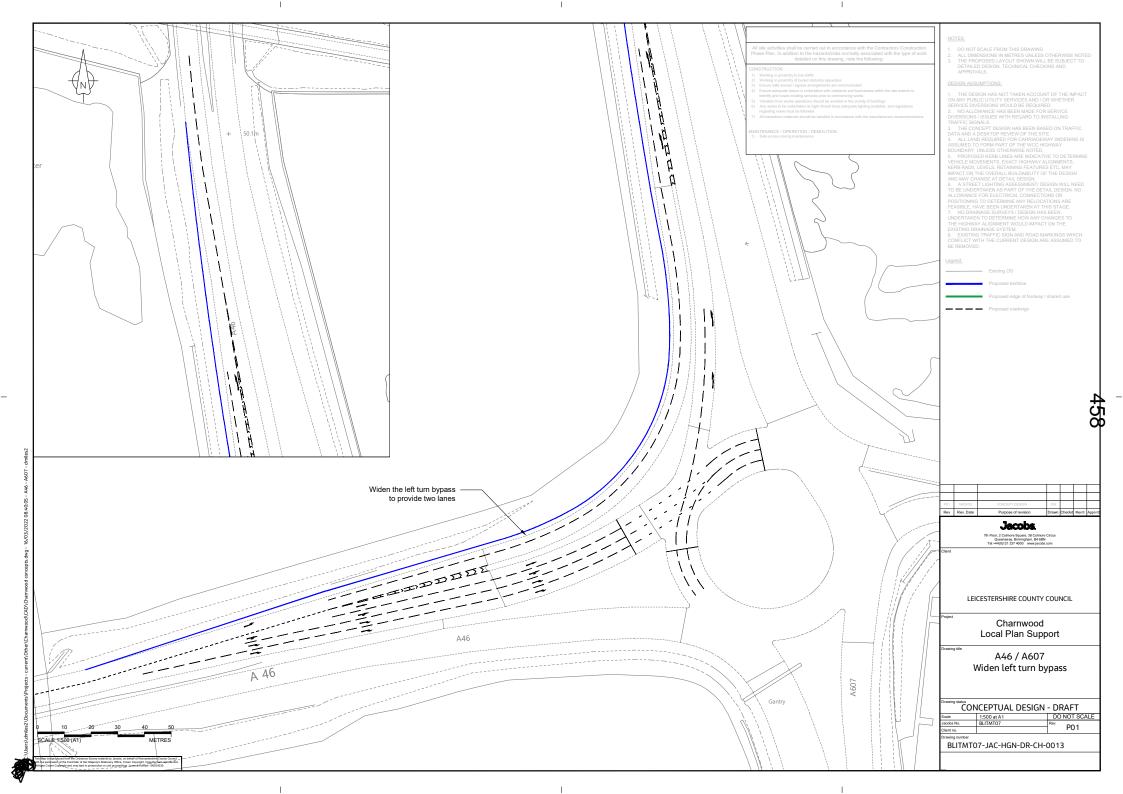


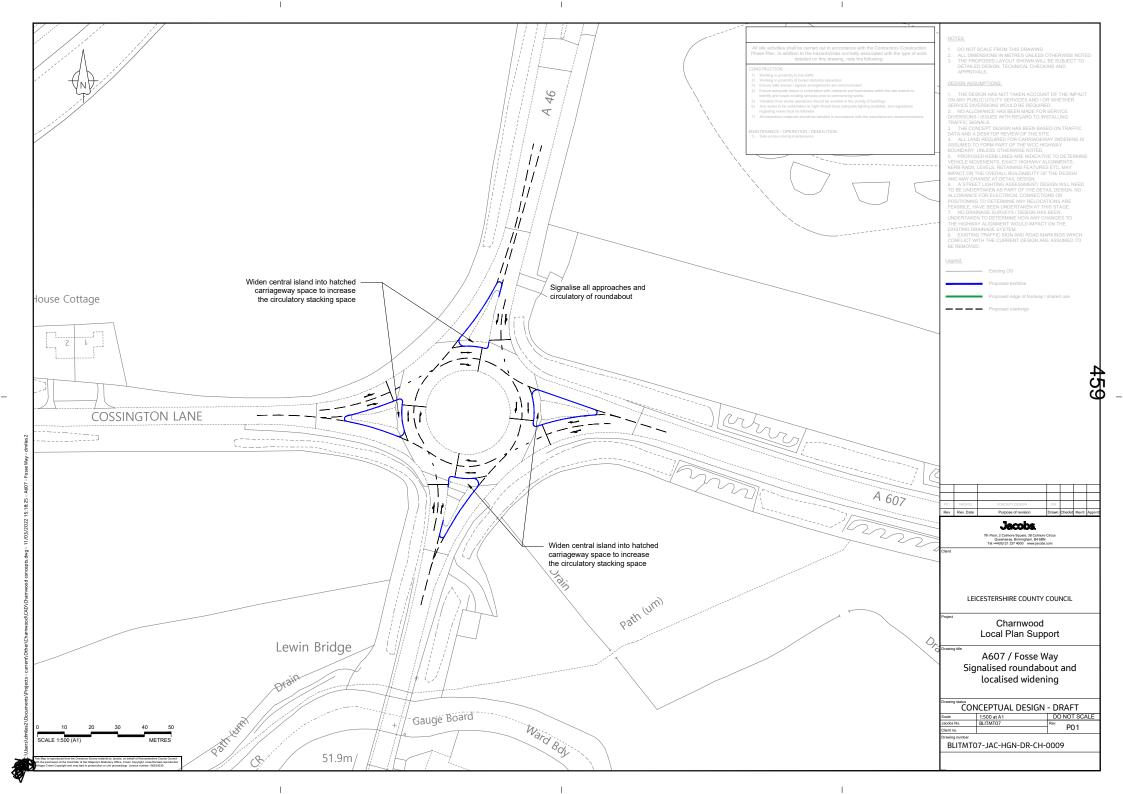












Appendix C

Draft Charnwood Local Plan 2021-2037 Transport Mitigation Strategy – Proposed Highway Improvement Scheme Cost Estimates



Charnwood Preliminary Design Estimate Assurance

Leicestershire County Council

Revision 1: 25 May 2022

Charnwood Preliminary Design Estimate Assurance

Quality information

Prepared by	Checked by	Verified by	Approved by
Oliet Msusa James Young Gareth Kirk	Gareth Kirk Project Director		Doug Munro Director (approval pending)
- Carcui Mik			

Revision History

Revision	Revision date	Details	Authorised	Name	Position
DRAFT For Comment	10-05-2022				
Revision 1	25-05-2022	Incorporating Client Comments	Approval pending by	Doug Munro	Director
Distribution	List				

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1. Executive Summary

- 1.1 AECOM have undertaken a brief independent review of the Charnwood Scenario 2b and Scenario 3 Junction Improvement Schemes Cost Estimate prepared by Jacobs on behalf of Leicestershire County Council. Due to the short timescale of 2 days allowed for the initial review the scope was limited to the following:
- 1.1.1 An overview of rates, noting that not all rates have been analysed, particularly compound rates of multiple scope items.
- 1.1.2 An overview of quantities for key cost drivers within each of the junction improvement estimates.
- 1.1.3 A gap analysis for key cost drivers including:
 - Statutory Utilities
 - Traffic Management
 - Preliminaries
 - Contractor Overheads and Profit
 - Client Project Team Fees
 - Risk allowance
 - Inflation
- 1.2 It should be noted that due to the limited time and scope of the independent review AECOM have not developed a detailed understanding of the scope of work and associated complexities involved with design and delivery of the overall programme of work.
- 1.3 The estimate provided by Jacobs included 13 separate improvement options across Scenario 2b and Scenario 3. No total was provided for either Scenario 2b or Scenario 3, nor was a total provided for the overall programme of work. Due to the lack of clarity around which options or scenario's form the full programme of work AECOM have assumed that all 13 improvement options are being evaluated as a whole.
- 1.4 Based on the above assumption the high level reconciliation below provides an indication of the impact of AECOM's findings. The reconciliation against Jacobs estimate includes the two schemes subsequently removed from the recommended package, namely A6/Crossington Lane and A50/Lena Drive. This is for comparison purposes against the Jacobs estimate. A separate summary excluding these schemes has also been provided for reference.

Reconciliation of Jacobs Estimate - Scenario 3 + 2b

	Jacobs Cost Sumi Scenario 2B Preliminary Desig Estimate	+ 3	AECOM High Level A	ssurance	Variance	AECOM High Level Assurance Excluding A6/Cossington Lane & A50/Lena Drive			
Element/Description	Cost £	%	Cost £	%	%	Cost £	%		
Building Works	17,672,107	50.0%	17,878,414	33.7%	1.2%	16,062,958	33.8%		
Preliminaries	7,589,195	21.5%	7,652,169	14.4%	0.8%	6,843,178	14.4%		
Main Contractor's Overheads & Profit	Excluded	0.0%	2,553,058	4.8%	100.0%	2,290,614	4.8%		
Project / Design Team Fees	5,052,260	14.3%	7,442,165	14.0%	32.1%	6,677,139	14.0%		
Other Development / Project Costs	Excluded	0.0%	1,276,529	2.4%	100.0%	1,145,307	2.4%		
Base Cost Estimate	30,313,562	85.7%	36,802,335	69.4%	17.6%	33,019,195	69.4%		
Risk Allowance	5,052,260	14.3%	9,200,584	17.4%	45.1%	8,254,799	17.4%		
Optimism Bias	Excluded	0.0%	6,992,444	13.2%	100.0%	6,273,647	13.2%		
Total Estimated Budget (excl. Inflation)	35,365,823	100.0%	52,995,362	100.0%	49.8%	47,547,641	100.0%		
Inflation to Mid-point of construction 2024: 8%	Excluded	0.0%	4,239,629	6.1%	100.0%	3,803,811	6.0%		
Additional Inflation to Mid-point of construction Scenario 2b 2029 / Scenario 3 2034: 2.5% p/a	Excluded	0.0%	12,319,425	17.7%	100.0%	11,546,280	18.4%		
Total Estimated Budget (2029/2034 Mid-Point)	N/A		69,554,416			62,897,733			

Note: Figures exclude VAT

- 1.5 The total Jacobs estimate for Scenario 2b and Scenario 3 combined (including A6/Crossington Lane and A50/Lena Drive) is £35.4m compared with AECOM's high level independent assessment of £69.6m equating to a variance of £34.2m. The variance is principally formed of the following:
 - Inflation £16.6m (inflation excluded by Jacobs)
 - Risk and Optimism Bias £11.1m
 - Main Contractor OH&P £2.6m
 - Project / Design team fees £2.4m
 - Statutory Utilities £1.3m (included in AECOM's reconciliation as Other Development/Project Costs)
- 1.6 AECOM initially included inflation of 8% assuming construction would be completed within 2024. Following comments from Leicestershire County Council additional inflation allowances have now been included to allow for mid-points of constriction of 2029 for Scenario 2b and 2034 for Scenario 3. In the current market inflation is extremely difficult to forecast for such extended periods however a typical industry rate of 2.5% per annum on a cumulative basis has been included for illustrative purposes. It should be noted that actual inflation up to 2029 and 2034 may vary significantly from this forecast.
- 1.7 In addition to the high level reconciliation above AECOM have provided the following in substantiation of the independent review. This information can be found within the appendices.
 - Scenario 2b Reconciliation Summary
 - Scenario 2b Individual Scheme Comparison
 - Scenario 3 Reconciliation Summary
 - Scenario 3 Individual Scheme Comparison
 - A detailed estimate identifying AECOM rate and quantity adjustments from Jacobs estimate, noting that this is limited to the key cost drivers that could be analysed in the timescale provided. It does not cover all rates and quantities.
 - A pdf copy of Jacobs estimate with AECOM comments on Jacobs assumptions and exclusions.

2. Key Findings

The following is a commentary on various allowances and other key rate and quantity differences identified between the Jacobs estimate and the AECOM review. This does not encompass all rates and quantities. A detailed markup of the Jacobs estimate is provided in the appendices.

General Allowances

2.1 Main Contractor's Overheads and Profit: Variance +£2.6m

Jacobs estimate appears silent on the inclusion or exclusion of main contractor's overheads and profit. An allowance may have been included generally within the rates however AECOM's review of the rates has not found conclusive evidence of this. Therefore until resolved AECOM would suggest including 10% of the Construction Costs to allow for OH&P equating to an estimate variance of +£2.5m across all 13 options.

2.2 Project / Design team fees: Variance +£2.4m

Design: Jacobs estimate includes 20% of the Works Cost Estimate for design development which AECOM consider to be high based on typical projects of this type. AECOM's comparison includes a 15% allowance resulting in an estimate variance of -£2.2m across all 13 options.

Project Management: Jacobs estimate excludes project management fees and as a result has considerably undervalued the cost of delivering the project. Whilst this might be difficult to accurately assess at the preliminary design stage AECOM's comparison includes an allowance of 15% of the Works Cost Estimate, and Design fees to better reflect a realistic project cost. This equates to an estimate variance of +£4.6m across all 13 options.

2.3 Statutory Utilities: Variance +£1.3m

Jacobs estimate excludes statutory utilities and as a result has considerably undervalued the cost of delivering the project. Whilst this might be difficult to accurately assess at the preliminary design stage AECOM's comparison includes an allowance of 5% of the Construction Cost to better reflect a realistic project cost. This equates to an estimate variance of +£1.3m across all 13 options.

2.4 Risk allowance: Variance +£4.1m

Jacobs estimate includes a 20% allowance for Unforseen items however AECOM considers this to be low given the immature stage of design and estimate. AECOM's comparison includes an allowance of 25% which equates to an estimate variance of +£4.1m across all 13 options.

2.5 Optimism Bias: Variance +£7m

Jacobs estimate excluded optimism bias. AECOM's revised estimate includes 19% optimism bias to bring the total risk and optimism bias allowance to 44% of the Base Cost Estimate. This equates to a variance of £7m.

2.6 Inflation allowance: Variance +£16.6m

Jacobs estimate excludes inflation and as a result has considerably undervalued the cost of delivering the project. Whilst this might be difficult to accurately assess at the preliminary design stage AECOM's comparison initially included an allowance of 8% to the mid-point of construction with the assumption that be completion would be achieved within the next 2 years. This equates to an estimate variance of +£4.3m across all 13 options.

Following receipt of further information from Leicestershire County Council additional inflation allowances have been included to account for Scenario 2b achieving mid-point of construction in 2029 and Scenario 3 mid-point of construction in 2034. In the current market inflation is extremely difficult to forecast for such extended periods however a typical industry rate of 2.5% per annum on a cumulative basis has been included for illustrative purposes. This equates to a variance of +£12.3m across all 13 options.

Rates and Quantities

2.7 Series 100 - Traffic management: Variance + £140k

AECOM have not had an opportunity to fully digest the complexity of each of the 13 options during the last 2 days, therefore full consideration has not been given to programme duration and construction logistics. Based on AECOM's understanding of similar junction improvement schemes however, the traffic management costs allowed by Jacobs appear to be insufficient. A general uplift of 35% has been allowed within AECOM's comparison. This equates to an uplift of £140k across all 13 options.

2.8 Series 100 - Preliminaries: Variance -£77k

For highways schemes in general AECOM are seeing preliminaries out turn at between 25% and 40% of the direct works cost. Due to the nature of the Charnwood schemes and proximity to major road arteries the preliminaries cost is likely to be at the higher end of this scale. AECOM have therefore allowed 40% for each option compared with Jacobs allowance of between 35% and 50%. This equates to a variance of £77k across all 13 options.

2.9 Series 500 - Surface water drainage alterations: Variance +£100k

AECOM's pricing information indicates that surface water drainage installations would typically cost in the region of £35/m2 to £40/m2. Jacobs have allowed £35/m2 in the estimate however due to the preliminary nature of the design AECOM would recommend increasing this to £40/m2 until the scope is more well defined. This rate adjustment combined with a quantity difference of -2,267m2 equates to a variance of \pm 100k across all options.

2.10 Series 600 - Disposal of unacceptable non-hazardous material: Variance +£278k

AECOM's pricing information indicates that disposal of unacceptable non-hazardous material would typically range between £110/m3 and £130/m3 on current schemes. Jacobs estimate therefore appears light at £110/m3. AECOM's review includes £130/m3 equating to a variance of +£278k

2.11 Series 700 - Cold milling pavement: Variance -£222k

AECOM pricing information indicates that cold milling pavement; 40mm deep; scarifying surface would typically cost £25/m2 on current schemes versus Jacobs rate of £30/m2. This rate combined with a quantity difference of -1,713m2 pavement area equates to a variance of -£222k

2.12 Series 700 - Surface course, Rolled Asphalt: Variance -£260k

AECOM pricing information indicates that surface course; rolled asphalt; 40mm deep would typically cost £25.50/m2 on current schemes versus Jacobs rate of £30/m2. This equates to a variance of -£260k

2.13 Series 1100 - Paved area, 60mm thick: Variance +£106k

AECOM pricing information indicates that paved area; 60mm thick; comprising binder course 40mm thick would typically cost £65/m2 on current schemes versus Jacobs rate of £40/m2. This equates to a variance of \pm 106k

2.14 Series 1100 - Subbase to paved area: Variance +£63k

AECOM pricing information indicates that subbase to paved area; sloping not exceeding 10 degrees would typically cost £35/m2 on current schemes versus Jacobs rate of £20/m2. This equates to a variance of +£63k

2.15 Series 1200 - Toucan Crossings: Variance +115k

AECOM pricing information indicates that toucan crossings including markings, tactiles, beacons would typically cost £55,000 each on current schemes versus Jacobs rate of £50,000 each. This equates to a variance of +£115k across the 23nr identified in Scenario 2b only.

Appendices

Appendix 1 – Scenario 2b + Scenario 3 Overall Reconciliation Summary



Reconciliation of Jacobs Estimate - Scenario 2b + Scenario 3

Reconciliation of Jacobs Estimate - Scenario 2b + Scenario 3	Jacobs Cost Sum	mary for						
	Scenario 2 Preliminary Desi Estimate	B gn Cost	AECOM High Level A	ssurance		Variance Between the two estimates	AECOM High Level A Excluding A6/Cossing A50/Lena Dri	gton Lane &
Element/Description	Cost £	%	Cost £	%	Variance %	Comment	Cost £	%
08 Highway Works								
200 Series 200 Site Clearance	154,215	0.4%	183,724	0.3%	10 1%	Minor rate changes	170,056	0.4%
			•			Espaina not allowed for in most sub-antions. Desaibly missed form design/	•	
300 Series 300 Fencing	8,067	0.0%	9,090	0.0%	0.0%	estimate	9,090	0.0%
400 Series 400 Road Restraint Systems (Vehicle and Pedestrian)	96,200	0.3%	95,390	0.2%		Minor rate changes	95,390	0.2%
500 Series 500 Drainage and Service Ducts	1,051,575	3.0%	1,151,120	2.2%		Minor rate and quantity changes	1,001,800	2.1%
600 Series 600 Earthworks	3,382,905	9.6%	3,656,375	6.9%		Minor rate and quantity changes	3,092,056	6.5%
700 Series 700 Pavements	5,980,720	16.9%	5,615,807	10.6%	-6.1%	Minor rate and quantity changes	4,973,427	10.5%
1100 Series 1100 Kerbs, Footways and Paved Areas	629,375	1.8%	794,632	1.5%		Minor rate and quantity changes	700,814	1.5%
1200 Series 1200 Traffic Signs and Road Markings	1,774,950	5.0%	1,838,535	3.5%	3.6%	Minor rate changes	1,520,385	3.2%
1300 Series 1300 Road Lighting Columns and Brackets CCTV Masts and Cantilever Masts	121,800	0.3%	159,600	0.3%		Minor rate changes	155,800	0.3%
1400 Series 1400 Electrical Work for Road Lighting and Traffic Signs 1600 Series 1600 Piling and Embedded Retaining Walls	196,000 352,800	0.6% 1.0%	196,000 364,560	0.4% 0.7%		Reasonable allowances Minor rate changes	166,000 364,560	0.3% 0.8%
1700 Series 1700 Frining and Embedded Retaining Walls	3,900,000	0.0%	3,790,080	7.2%		Minor rate and quantity changes	3,790,080	8.0%
3000 Series 3000 Landscape and Ecology	23,500	0.1%	23,500	0.0%		Reasonable allowances	23,500	0.0%
Total Building Works	17,672,107	50.0%	17,878,414	33.7%	1.2%	-	16,062,958	33.8%
Main Contractor's Preliminaries								
09.02 Traffic Management	360,460		500,804	0.9%	38.9%	TM Seemed low for these level of project - See build up	417,995	0.9%
09.03 Main Contractor's Cost Items	7,228,735	20.4%	7,151,365	13.5%		40% on the Total Building Works - Reasonable	6,425,183	13.5%
Total Preliminaries	7,589,195	21.5%	7,652,169	14.4%	0.8%		6,843,178	14.4%
Construction Total	25,261,302	71.4%	25,530,582	48.2%	1.1%		22,906,136	48.2%
Main Contractor's Overheads & Profit	25,261,302	/ 1.4 /0	25,550,562	40.2 /0	1.1 /0		22,900,130	40.2 /0
10.01 Main Contractor's Overheads	Excluded	0.0%	2,553,058	4.8%	100.0%	Contractors OH&P added at 10% of Construction Total	2,290,614	4.8%
10.02 Main Contractor's Profit (Included in 10.01)	Excluded	0.0%	Included	0.0%		Included above	Included	0.0%
Total Main Contractor's Overheads & Profit		0.0%	2,553,058	4.8%	100.0%		2,290,614	4.8%
Works Cost Estimate	25,261,302	71.4%	28,083,641	53.0%	10.0%		25,196,750	53.0%
					10.010			55.575
Project / Design Team Fees						Design fees at 20% on the Works Cost Estimate appears high, reduced to		
11.01 Design Development Fees	5,052,260	0.0%	2,808,364	5.3%	-44.4%	10%	2,519,675	5.3%
11.02 Project management Fees	Excluded	0.0%	4,633,801	8.7%	100.0%	PM fees added at 15% of sum of Works Cost Estimate & Design	4,157,464	8.7%
Total Project / Design Team Fees	5,052,260	14.3%	7,442,165	14.0%	32.1%		6,677,139	14.0%
Other Development / Project Costs								
12.01 Land Acquisition Costs	Excluded	0.0%	Excluded	0.0%	0.0%	Excluded	Excluded	0.0%
12.02 Finance, Fees and Charges	Excluded	0.0%	Excluded	0.0%	0.0%	Excluded	Excluded	0.0%
12.03 Statutory Undertakers Diversions	Excluded	0.0%	1,276,529	2.4%	100.0%	Utility Diversions added provisional sum based on previous project. Circa 5%	1,145,307	2.4%
Total Other Development / Project Costs		0.0%	1,276,529	2.4%	100.0%	on the construction total	1,145,307	2.4%
Base Cost Estimate	30,313,562	85.7%	36,802,335	52.9%	17.6%		33,019,195	52.5%
	00,010,002	00.1 70	00,002,000	02.070	17.070		00,010,100	02.070
Risk Allowances		44.00/		4= 40/	22.42/	Risk allowance appears low considering the design maturity. Historical data	0.054.700	47.40/
13.01 Design and Construction Risks	5,052,260	14.3%	9,200,584	17.4%	82.1%	suggests 25% is more realistic at this stage.	8,254,799	17.4%
13.02 Optimism Bias in addition to Risk	Excluded	0.0%	6,992,444	13.2%	100.0%	Optimism Bias at 19% base estimate and risk. Total risk and optimism bias 44%	6,273,647	13.2%
Total Risk Allowances	5,052,260	0.0%	16,193,027	30.6%	68.8%		14,528,446	30.6%
Total Estimated Budget (exc Inflation & VAT)	35,365,823	100.0%	52,995,362	100.0%	49.8%	The estimated cost has been increased by 49.8%	47,547,641	100.0%
Inflation								
14.01 Tender & Construction Inflation Estimate - Mid of construction: 2024	Excluded	0.0%	4,239,629	6.1%	100.0%	Inflation of 8% is included based on the suggested programme included in the estimate to Mid of construction and work to be completed in the next 2	3,803,811	6.0%
Tender & Construction Inflation Estimate - Scenario 2b Mid-point of construction 2029 / Scenario 3 Mid-point of construction 2034	Excluded	0.0%	12,319,425	17.7%	100.0%	years. 2b Mid point of construction: 2029 & 3 Mid point of construction: 2034. Inflation estimated at a typical annual rate of 2.5% cumulatively.	11,546,280	18.4%
Total Estimated Budget - Mid point of construction: 2029 / 2034 (exc VAT)	35,365,823		69,554,416				62,897,733	

Appendix 2 – Scenario 2b Reconciliation Summary



Reconciliation of Jacobs Estimate - Scenario 2b

Jacobs Cost Summary for Scenario 2B AECOM High Level Assurance & Variance Between the two Preliminary Design Cost Reconciliation Estimate	AECOM High Level Assur estimates Excluding A6/Cossington A50/Lena Drive	
		Lane &
Element/Description Cost £ % Cost £ % Variance % Common Common Cost £ % Cos	ment Cost £	%
08 Highway Works		
200 Series 200 Site Clearance 55,045 0.4% 63,454 0.3% 15.3% Minor rate changes	49.786	0.3%
300 Series 300 Fencing 8,067 0.1% 9,090 0.0% Fencing not allowed for in most sub opt	•	0.1%
estimate	9,090	
400 Series 400 Road Restraint Systems (Vehicle and Pedestrian) - 0.0% - 0.0% Minor rate changes 500 Series 500 Drainage and Service Ducts 506.625 3.4% 576,480 2.5% 13.8% Minor rate and quantity changes	407.400	0.0% 2.4%
500 Series 500 Drainage and Service Ducts 506,625 3.4% 576,480 2.5% 13.8% Minor rate and quantity changes 600 Series 600 Earthworks 1,764,965 11.9% 1,918,701 8.3% 8.7% Minor rate and quantity changes	427,160 1,354,383	2.4% 7.7%
700 Series 700 Pavements 2,640,980 17.9% 2,583,408 11.2% -2.2% Minor rate and quantity changes		11.0%
1100 Series 1100 Kerbs, Footways and Paved Areas 414,505 2.8% 557,002 2.4% 34.4% Minor rate and quantity changes	463,184	2.6%
1200 Series 1200 Traffic Signs and Road Markings 1,536,250 10.4% 1,609,350 7.0% 4.8% Minor rate changes	1,291,200	7.3%
1300 Series 1300 Road Lighting Columns and Brackets CCTV Masts and Cantilever Masts 60,900 0.4% 79,800 0.3% 31.0% Minor rate changes	76,000	0.4%
1400 Series 1400 Electrical Work for Road Lighting and Traffic Signs 151,000 1.0% 151,000 0.7% 0.0% Reasonable allowances	121,000	0.7%
1600 Series 1600 Piling and Embedded Retaining Walls 135,000 0.9% 139,500 0.6% 3.3% Minor rate changes	139,500	0.8%
1700 Series 1700 Structural Concrete - 0.0% - 0.0% Minor rate and quantity changes 3000 Series 3000 Landscape and Ecology 16,500 0.1% 16,500 0.1% 0.0% Reasonable allowances	- 16,500	0.0% 0.1%
Total Building Works 7,289,837 49.3% 7,704,286 33.3% 5.4%		33.3%
Main Contractor's Preliminaries	265747.5	00.070
09.02 Traffic Management 258,190 348,557 1.5% 35.0% TM Seemed low for these level of projections of the second sec		1.5%
09.03 Main Contractor's Cost Items 3,009,083 20.4% 3,081,714 13.3% 2.4% 40% on the Total Building Works - Rea	•	13.3%
Total Preliminaries 3,267,273 22.1% 3,430,271 14.8% 5.0%		14.8%
Construction Total 10,557,110 71.4% 11,134,556 48.2% 5.5%	8,510,110	48.2%
Main Contractor's Overheads & Profit	0,010,110	40.270
10.01 Main Contractor's Overheads Excluded 0.0% 1,113,456 4.8% 100.0% Contractors OH&P added at 10% of Co	onstruction Total 851,011	4.8%
10.02 Main Contractor's Profit (Included in 10.01) Excluded 0.0% Included 0.0% 0.0% Included above	Included	0.0%
Total Main Contractor's Overheads & Profit - 0.0% 1,113,456 4.8% 100.0%	851,011	4.8%
Works Cost Estimate 10,557,110 71.4% 12,248,012 53.0% 13.8%	9,361,121	53.0%
Project / Design Team Fees		
11.01 Design Development Fees 2,111,422 0.0% 1,224,801 5.3% -42.0% Design fees at 20% on the Works Cost	Estimate appears high, reduced to 936,112	5.3%
10%		
11.02 Project management Fees Excluded 0.0% 2,020,922 8.7% 100.0% PM fees added at 15% of sum of Works Total Project / Design Team Fees 2,111,422 14.3% 3,245,723 14.0% 34.9%		8.7% 14.0%
	2,400,031	14.070
Other Development / Project Costs 12.01 Land Acquisition Costs Excluded 0.0% Excluded 0.0% 0.0% Excluded	Excluded	0.00/
12.01 Land Acquisition Costs Excluded 0.0% Excluded 0.0% 0.0% Excluded 12.02 Finance, Fees and Charges Excluded 0.0% Excluded 0.0% Excluded 0.0% Excluded	Excluded	0.0%
Litility Diversions added provisional sun	n based on previous project. Circa 5%	
12.03 Statutory Undertakers Diversions Excluded 0.0% 550,728 2.4% 100.0% on the construction total	425,500	2.4%
Total Other Development / Project Costs - 0.0% 556,728 2.4% 100.0%	425,506	2.4%
Base Cost Estimate 12,668,532 85.7% 16,050,463 56.8% 21.1%	12,267,324	56.8%
Risk Allowances		
13.01 Design and Construction Risks 2,111,422 14.3% 4,012,616 17.4% 90.0% Risk allowance appears low considering suggests 25% is more realistic at this s		17.4%
13.02 Optimism Bias in addition to Risk Excluded 0.0% 3,049,588 13.2% Optimism Bias in addition to Risk Suggests 3 is find read and this section and a string bias eat times as a time section and and addition bias 440%.	nd risk	13.2%
Total risk and optimism bias 44%		
Total Risk Allowances 2,111,422 0.0% 7,062,204 30.6% 70.1%	5,397,623	30.6%
Total Estimated Budget (exc Inflation & VAT) 14,779,954 100.0% 23,112,667 100.0% The estimated cost has been increased in	sed by 56.4% 17,664,947 1	100.0%
Inflation		
14.01 Tender & Construction Inflation Estimate - Mid point of construction: 2024 Excluded 0.0% 1,849,013 6.5% Inflation is included based on the suggestimate to Mid of construction and work		6.5%
Scenario 2b schemes will be delivered 14.01 Tender & Construction Additional Inflation - Mid point of construction: 2029 Excluded 0.0% 3,280,170 11.6% 100.0% estimate uses the Mid of construction (inflation estimated at a typical annual rate of the construction of t	2029) as the basis of the inflation. 2,507,025	11.6%
Total Estimated Budget - Mid point of construction: 2029 (exc VAT) 14,779,954 28,241,850	21,585,167	

Appendix 3 – Scenario 2b Scheme Comparison

MMHW Element Series	Element A6 / A6004 A46 / A6		/ A6	A6 / Cossir	gton Lane	A50 / Le	na Drive	A607 / Fo	osse Way	A6004 Epinal			Way / Beacon	Epinal Way / Warwick Way		
Series	Jacobs	Aecom	Jacobs	Aecom	Jacobs	Aecom	Jacobs	Aecom	Jacobs	Aecom	Jacobs	Aecom	Jacobs	Aecom	Jacobs	Aecom
100 Prelims	£ 522,510.00	£ 522,185.61	f 1,111,818.00	£ 1,319,672.80	£ 394,740.00	£ 414,716.09	£ 429,594.00	£ 394,274.95	£ 260,648.00	£ 241,101.74	£ 126,200.00	£ 121,929.02	£ 251,394.00	£ 249,787.28	£ 170,369.00	£ 166,603.30
200 Site clearance	£ 8,470.00	£ 9,134.00	£ 25,075.00	£ 29,440.00	£ 5,970.00	£ 7,006.00	£ 5,760.00	£ 6,662.00	£ 2,980.00	£ 3,664.00	£ 1,530.00	£ 1,686.00	£ 2,070.00	£ 2,334.00	£ 3,190.00	£ 3,528.00
300 Fencing	£ -	£ -	£ 8,067.00	£ 9,090.00	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
400 VRS	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
500 Drainage	£ 52,990.00	£ 60,560.00	£ 251,090.00	£ 286,960.00	£ 71,295.00	£ 87,000.00	£ 54,530.00	£ 62,320.00	£ -	£ -	£ 16,835.00	£ 19,800.00	£ 34,825.00	£ 33,160.00	£ 25,060.00	£ 26,680.00
600 Earthworks	£ 192,680.00	£ 209,511.05	£ 771,930.00	£ 838,603.00	£ 293,540.00	£ 319,692.23	£ 223,860.00	£ 244,626.24	£ 2,175.00	£ 1,422.84	£ 62,740.00	£ 67,844.55	£ 128,950.00	£ 141,479.82	£ 89,090.00	£ 95,521.74
700 Pavements	£ 273,725.00	£ 296,249.99	£ 1,320,490.00	£ 1,217,610.50	£ 315,975.00	£ 410,709.00	£ 293,150.00	£ 231,671.63	£ -	£ -	£ 97,105.00	£ 100,870.75	£ 183,365.00	£ 183,091.88	£ 157,170.00	£ 143,204.50
1100 Kerbs, Footways and paved areas	£ 36,480.00	£ 46,284.00	£ 226,200.00	£ 319,756.00	£ 45,380.00	£ 61,008.00	£ 29,930.00	£ 32,810.00	£ 13,640.00	£ 13,805.00	£ 4,290.00	£ 4,290.00	£ 35,465.00	£ 48,825.00	£ 23,120.00	£ 30,224.00
1200 Traffic signs & road markings	£ 466,500.00	£ 512,300.00	£ 260,500.00	£ 247,100.00	£ 63,250.00	£ 32,950.00	£ 260,000.00	£ 285,200.00	£ 412,000.00	£ 452,800.00	£ 8,500.00	£ 8,500.00	£ 58,000.00	£ 63,000.00	£ 7,500.00	£ 7,500.00
1300 Road lighting	£ 17,400.00	£ 22,800.00	£ 31,900.00	£ 41,800.00	£ 2,900.00	£ 3,800.00	£ -	£ -	£ -	£ -	£ 2,900.00	£ 3,800.00	£ -	£ -	£ 5,800.00	£ 7,600.00
1400 Electrical works	£ 40,000.00	£ 40,000.00	£ 45,000.00	£ 45,000.00	£ 10,000.00	£ 10,000.00	£ 20,000.00	£ 20,000.00	£ 30,000.00	£ 30,000.00	£ 1,000.00	£ 1,000.00	£ 4,000.00	£ 4,000.00	£ 1,000.00	£ 1,000.00
1600 Piling	£ -	£ -	£ 91,800.00	£ 94,860.00	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ 43,200.00	£ 44,640.00	£ -	£ -
1700	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -
3000 Landscape	£ 4,000.00	£ 4,000.00	£ 10,000.00	£ 10,000.00	£ -	£ -	£ -	£ -	£ 1,500.00	£ 1,500.00	£ -	£ -	£ 1,000.00	£ 1,000.00	£ -	£ -
Construction total	£ 1,614,755.00	£ 1,723,024.65	£ 4,153,870.00	£ 4,459,892.30	£ 1,203,050.00	£ 1,346,881.32	£ 1,316,824.00	£ 1,277,564.81	£ 722,943.00	£ 744,293.58	£ 321,100.00	£ 329,720.32	£ 742,269.00	£ 771,317.97	£ 482,299.00	£ 481,861.54
10.0% OH&P (10% of Construction total)		£ 172,302.47		£ 445,989.23		£ 134,688.13		£ 127,756.48		£ 74,429.36		£ 32,972.03		£ 77,131.80		£ 48,186.15
10% Design Development (10% of Construction total + Utilities and OH&P)	£ 322,951.00	£ 189,532.71	£ 830,774.00	£ 490,588.15	£ 240,610.00	£ 148,156.95	£ 263,364.80	£ 140,532.13	£ 144,588.60	£ 81,872.29	£ 64,220.00	£ 36,269.24	£ 148,453.80	£ 84,844.98	£ 96,459.80	£ 53,004.77
15% Project Mangement (15% of Construction total + Utilities and OH&P + Design)		£ 312,728.97		£ 809,470.45		£ 244,458.96		£ 231,878.01		£ 135,089.28		£ 59,844.24		£ 139,994.21		£ 87,457.87
5% Utilities (5% of Construction total)		£ 86,151.23		£ 222,994.62		£ 67,344.07		£ 63,878.24		£ 37,214.68		£ 16,486.02		£ 38,565.90		£ 24,093.08
44% Allowance for Risk/Optimism Bias (44% of Point Estimate)	£ 322,951.00	£ 1,092,845.61	£ 830,774.00	£ 2,828,731.29	£ 240,610.00	£ 854,272.95	£ 263,364.80	£ 810,308.26	£ 144,588.60	£ 472,075.64	£ 64,220.00	£ 209,128.41	£ 148,453.80	£ 489,216.14	£ 96,459.80	£ 305,625.50
Land Acquisition Costs	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl
8% Inflation allowance	excl	£ 286,126.85	excl	£ 740,613.28	excl	£ 223,664.19	excl	£ 212,153.43	excl	£ 123,597.99	excl	£ 54,753.62	excl	£ 128,085.68	excl	£ 80,018.31
Additional Inflation allowance @ 2.5% p/a		£ 507,592.15		£ 1,313,856.02		£ 396,782.70		£ 376,362.50		£ 219,264.17		£ 97,133.52		£ 227,225.39		£ 141,953.36
VAT	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl	excl
Total	£ 2,260,657.00	£ 4,370,304.65	£ 5,815,418.00	£11,312,135.34	£ 1,684,270.00	£ 3,416,249.27	£ 1,843,553.60	£ 3,240,433.87	£ 1,012,120.20	£ 1,887,836.99	£ 449,540.00	£ 836,307.39	£ 1,039,176.60	£ 1,956,382.06	£ 675,218.60	£ 1,222,200.57

Top three key cost drivers highlighted excl prelims

Appendix 4 – Scenario 3 Reconciliation Summary



AECOM

Reconciliation of Jacobs Estimate - Scenario 3

Reconciliation of Jacobs Estimate - Scenario 3	Jacobs Cost Sum Scenario 3 Preliminary Desi Estimate	gn Cost	AECOM High Level			Variance Between the two estimates
Element/Description	Cost £	%	Cost £	%	Variance %	Comment
08 Highway Works						
200 Series 200 Site Clearance	99,170	0.5%	120,270	0.4%	21.3%	Minor rate changes Fencing not allowed for in most sub options - Possibly missed form design/
300 Series 300 Fencing	-	0.0%	-	0.0%	0.0%	estimate
400 Series 400 Road Restraint Systems (Vehicle and Pedestrian)	96,200	0.5%	95,390	0.3%	0.0%	Minor rate changes
500 Series 500 Drainage and Service Ducts	544,950	2.6%	574,640	1.9%	5.4%	Minor rate and quantity changes
600 Series 600 Earthworks	1,617,940	7.9%	1,737,673	5.8%		Minor rate and quantity changes
700 Series 700 Pavements	3,339,740	16.2%	3,032,399	10.1%		Minor rate and quantity changes
1100 Series 1100 Kerbs, Footways and Paved Areas	214,870	1.0%	237,630	0.8%		Minor rate and quantity changes
1200 Series 1200 Traffic Signs and Road Markings	238,700	1.2%	229,185	0.8%		Minor rate changes
1300 Series 1300 Road Lighting Columns and Brackets CCTV Masts and Cantilever Masts	60,900	0.3%	79,800	0.3%		Minor rate changes
1400 Series 1400 Electrical Work for Road Lighting and Traffic Signs1600 Series 1600 Piling and Embedded Retaining Walls	45,000 217,800	0.2% 1.1%	45,000 225,060	0.2% 0.8%		Reasonable allowances Minor rate changes
1700 Series 1700 Friling and Embedded Retaining Walls	3,900,000	18.9%	3,790,080	12.7%		Minor rate and quantity changes
3000 Series 3000 Landscape and Ecology	7,000	0.0%	7,000	0.0%		Reasonable allowances
Total Building Works	10,382,270	50.4%	10,174,128	34.0%	-2.0%	- Treasonable allowances
Main Contractor's Preliminaries	,,	22.170	10,11 1,120	0 / 0	,	
09.02 Traffic Management	102,270		152,247	0.5%	48.9%	TM Seemed low for these level of project - See build up
09.03 Main Contractor's Cost Items	4,219,652	20.5%	4,069,651	13.6%		40% on the Total Building Works - Reasonable
Total Preliminaries	4,321,922	21.0%	4,221,898	14.1%	-2.3%	
Construction Total	14,704,192	71.4%	14,396,026	48.2%	-2.1%	
Main Contractor's Overheads & Profit						
10.01 Main Contractor's Overheads	Excluded	0.0%	1,439,603	4.8%	100.0%	Contractors OH&P added at 10% of Construction Total
10.02 Main Contractor's Profit (Included in 10.01)	Excluded	0.0%	Included	0.0%		Included above
Total Main Contractor's Overheads & Profit	-	0.0%	1,439,603	4.8%	100.0%	
Works Cost Estimate	14,704,192	71.4%	15,835,629	53.0%	7.1%	
Project / Design Team Fees						Design for a 1000 and the Wester Oast Estimate annual bight and would
11.01 Design Development Fees	2,940,838	0.0%	1,583,563	5.3%	-46.2%	Design fees at 20% on the Works Cost Estimate appears high, reduced to 10%
11.02 Project management Fees	Excluded	0.0%	2,612,879	8.7%	100.0%	PM fees added at 15% of sum of Works Cost Estimate & Design
Total Project / Design Team Fees	2,940,838	14.3%	4,196,442	14.0%	29.9%	•
Other Development / Project Costs						
12.01 Land Acquisition Costs	Excluded	0.0%	Excluded	0.0%	0.0%	Excluded
12.02 Finance, Fees and Charges	Excluded	0.0%	Excluded	0.0%	0.0%	Excluded
12.03 Statutory Undertakers Diversions	Excluded	0.0%	719,801	2.4%	100.0%	Utility Diversions added provisional sum based on previous project. Circa 5% on the construction total
Total Other Development / Project Costs		0.0%	719,801	2.4%	100.0%	off the construction total
Base Cost Estimate	17,645,030	85.7%	20,751,871	50.2%	15.0%	
Risk Allowances						
13.01 Design and Construction Risks	2,940,838	14.3%	5,187,968	17.4%	76.4%	Risk allowance appears low considering the design maturity. Historical data suggests 25% is more realistic at this stage.
14.01 Optimism Bias in addition to Risk	Excluded	0.0%	3,942,856	13.2%	100.0%	Optimism Bias at 19% base estimate and risk. Total risk and optimism bias 44%
Total Risk Allowances	-	0.0%	9,130,823	30.6%	100.0%	
Total Estimated Budget (exc Inflation & VAT)	20,585,869	100.0%	29,882,695	100.0%	45.2%	The estimated cost has been increased by 45.2%
Inflation						
14.01 Tender & Construction Inflation Estimate - Mid point of construction: 2024	Excluded	0.0%	2,390,616	5.8%	100.0%	Inflation of 8% is included based on the suggested programme included in the estimate to Mid of construction and work to be completed in the next 2 years.
14.01 Tender & Construction Inflation Additional Inflation - Mid point of construction: 2034	Excluded	0.0%	9,039,255	21.9%	100.0%	Scenario 3 schemes will be delivered between 2031 and 2036 delivered. The estimate uses the Mid of construction (2034) as the basis of the inflation. Inflation estimated at a typical annual rate of 2.5% cumulatively.
Total Estimated Budget - Mid point of construction: 2034 (exc VAT)	20,585,869	100.0%	41,312,566			

Appendix 5 – Scenario 3 Scheme Comparison

MMHW	Element		A46 /	/ A50			A46 /	A607		A46 / WAN	LIP ROAD	M1 J2	(hig	h cost)	M1 J23 (Low	/ cost)
Series		J	acobs	-	Aecom	Jacol	os	Aecom		Jacobs	Aecom	Jacobs		Aecom	Jacobs		Aecom
100	Prelims	£	913,996.00	£	905,757.50	£ 471,0	78.00	£ 423,754.43	£	684,472.00	£ 682,483.21	£ 2,157,506.	00 £	2,119,520.34	£ 94,870.00	£	90,382.64
200	Site clearance	£	40,820.00	£	49,919.00	£ 18,0	080.08	£ 21,576.00	£	30,310.00	£ 37,537.00	£ 8,200.	00 £	9,386.00	£ 1,760.00	£	1,852.00
300	Fencing	£	-	£	-	£	-	£ -	£	-	£ -	£ -	£	-	£ -	£	-
400	VRS	£	41,160.00	£	40,580.96	£ 13,8	880.00	£ 14,228.48	£	41,160.00	£ 40,580.96	£ -	£	-	£ -	£	-
500	Drainage	£	194,005.00	£	215,640.00	£ 85,8	390.00	£ 103,560.00	£	153,790.00	f 128,280.00	£ 99,330.	00 £	113,520.00	£ 11,935.00	£	13,640.00
600	Earthworks	£	522,385.00	£	555,420.28	£ 254,4	70.00	£ 274,090.09	£	484,700.00	£ 523,760.07	£ 309,485.	00 £	336,533.35	£ 46,900.00	£	47,869.61
700	Pavements	£ 1,	284,145.00	£ 1,	,152,546.00	£ 566,4	150.00	£ 513,506.50	£	783,940.00	£ 725,020.00	£ 625,070.	00 £	568,641.50	£ 80,135.00	£	72,685.00
1100	Kerbs, Footways and paved areas	£	104,375.00	£	127,135.00	£ 28,3	325.00	£ 28,325.00	£	35,530.00	£ 35,530.00	£ 44,880.	00 £	44,880.00	£ 1,760.00	£	1,760.00
1200	Traffic signs & road markings	£	12,750.00	£	12,935.00	£ 9,0	00.00	£ 9,000.00	£	11,000.00	f 11,000.00	£ 193,000.	00 £	183,200.00	£ 12,950.00	£	13,050.00
1300	Road lighting	£	20,300.00	£	26,600.00	£ 20,3	300.00	£ 26,600.00	£	-	£ -	£ 14,500.	00 £	19,000.00	£ 5,800.00	£	7,600.00
1400	Electrical works	£	10,000.00	£	10,000.00	£ 5,0	00.00	£ 5,000.00	£	-	£ -	£ 25,000.	00 £	25,000.00	£ 5,000.00	£	5,000.00
1600	Piling	£	-	£	-	£	-	£ -	£	135,000.00	£ 139,500.00	£ 82,800.	00 £	85,560.00	£ -	£	-
1700	Structural Concrete	£	-	£	-	£	-	£ -	£	-	£ -	£ 3,900,000.	00 £	3,790,080.00	£ -	£	-
3000	Landscape	£	2,000.00	£	2,000.00	£ 1,0	00.00	£ 1,000.00	£	2,500.00	£ 2,500.00	£ 1,500.	00 £	1,500.00	£ -	£	-
	Construction Total	£ 3,:	145,936.00	£ 3,	,098,533.74	£ 1,473,4	73.00	£ 1,420,640.50	£ 2	2,362,402.00	£ 2,326,191.24	£ 7,461,271.	0 £	7,296,821.19	£ 261,110.00	£	253,839.25
																<u> </u>	
10.0%	OH&P (10% of Construction total)			£	309,853.37			£ 142,064.05			£ 232,619.12		£	729,682.12		£	25,383.93
10%	Design Development (10% of Construction total + Utilities and OH&P)	£	629,187.20	£	340,838.71	£ 294,6	94.60	£ 156,270.45	£	472,480.40	£ 255,881.04	£ 1,492,254.	20 £	802,650.33	£ 52,222.00	£	27,922.32
15%	Project Mangement (15% of Construction total + Utilities and OH&P + Design)			£	562,383.87			£ 257,846.25			£ 422,203.71		£	1,324,373.05		£	46,071.82
5%	Utilities (5% of Construction total)			£	154,926.69			£ 71,032.02			£ 116,309.56		£	364,841.06		£	12,691.96
44%	Allowance for Risk/Optimism Bias (44% of Point Estimate)	£	629,187.20	£ 1,	.,965,276.01	£ 294,6	94.60	£ 901,055.44	£	472,480.40	f 1,475,410.06	£ 1,492,254.	20 £	4,628,081.81	£ 52,222.00	£	161,000.09
	Project Team Fees		excl		excl	excl		excl		excl	excl	excl		excl	excl		excl
8%	Inflation allowance		excl	£	514,544.99	excl		£ 235,912.70		excl	£ 386,289.18	excl	£	1,211,715.96	excl	£	42,152.75
	Additional Inflation allowance @ 2.5% p/a			£ 1,	,945,567.34			£ 892,019.26			f 1,460,613.98		£	4,581,669.33		£	159,385.50
	VAT		excl		excl	excl		excl		excl	excl	excl		excl	excl		excl
	Total	£ 4,	404,310.40	£ 8,	,891,924.72	£ 2,062,8	62.20	£ 4,076,840.67	£ 3	3,307,362.80	£ 6,675,517.90	£ 10,445,779.	0 £	20,939,834.85	£ 365,554.00	£	728,447.62

Top three key cost drivers highlighted excl prelims

Appendix 6 – Excel Exported Estimate Markup

Client: Leices Project: Chari A6 / A600 Code Preliminar 1.1.1 2.1 Preliminar Cientic Leices Project: Chari Code A6 / A600 Site Cleara	Description		imate	Quantity	Unit	:				
A6 / A600 Code Preliminar 2.1 ection Total: Prelimina Client: Leices Project: Charic Code A6 / A600 Site Cleara	Description ies Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C	Qua	intity	Quantity	Unit	:				
2.1. 2.1. ection Total: Preliminar Prelimina Client: Leices Project: Charl Code A6 / A600 Site Cleara	Description ies Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C	Qua	intity	Quantity	Unit	:				
Preliminar .1.1 .2.1 ection Total: Prelimina Client: Leices Project: Charl Code A6 / A600 Site Cleara	Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C	Qua	intity	Quantity	Unit					
.1.1 .2.1 Prelimina Elient: Leices roject: Chari Code A6 / A600 Site Cleara	Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C	Qua	intity	Quantity	Unit	:				
.2.1 ection Total: Prelimina Ilient: Leices roject: Charr Code A6 / A600 Site Cleara	Allowance for Traffic Management General Preliminaries Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C									
.2.1 ection Total: Prelimina Ilient: Leices roject: Charr Code A6 / A600 Site Cleara	General Preliminaries Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C				1					•
ection Total: Prelimina Ilient: Leices roject: Chari Code A6 / A600 Site Cleara	Preliminaries 522,510 ary Estimate stershire County Council Doc: Scenario 2b C					8.37	£31,000.00		£41,850.00	f10,850.00
Prelimina lient: Leices roject: Char Code 46 / A600 ite Cleara	522,510 ary Estimate stershire County Council Doc: Scenario 2b C	_	#	0	%	£491,510.25	£491,510.00	£1,200,839.04	£480,335.61	L 1-£11 17/13/
lient: Leices roject: Char Code (6 / A600 ite Cleara	stershire County Council Doc: Scenario 2b C		#		/	2 /32/320/23	2 132,310.00	22,200,000.0	2100,555.01	V 111,174.5.
roject: Char Code A6 / A600 Site Cleara	,									
Code A6 / A600 Site Cleara		ost Esti	imate							
ite Cleara	Description Quantity	Unit	Rate	Tota	al					
.1.1				(Cont	tinu	ed)				
.1.1	T				1	1				
	Site Clearance Take up or down and remove to tip off site; precast concrete kerbs		#	337	m	£10.00	£3,370.00	£12.00	£4,044.00	♠ £674 00
	Allowance for the removal of existing bollards to tip off site		#			£100.00	£100.00	£90.00		-£10.00
1.3	Allowance for tree and vegetation removal		#	1	item	£2,000.00	£2,000.00	£2,000.00	£2,000.00	€0.00
1.4	Take down and remove to tip off site; lighting column including bracket arm and lantern; 10m high		#	6	nr	£250.00	£1,500.00	£250.00	£1,500.00	∌£0.00
.1.5	Allowance for removal of traffic signs to store off site		#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	€0.00
1.6	Allowance for removal of traffic signals to store off site		#	1	item	£500.00	£500.00	£500.00	£500.00	
ction Total:	8,470									
	ary Estimate stershire County Council Doc: Scenario 2b C	nst Esti	imate							
	nwood Concept Local Plan Support	050 250	······································							
ode	Description Quantity	Unit	Rate	Tota						
6 / A600)4 and Service Ducts			(Cont	tinu	ed)				
	Surface Water Drainage									
	Allowance for surface water drainage alterations		#	1,514	m2	£35.00	£52,990.00	£40.00	£60,560.00	£7,570.00
ction Total:	52,990		-							
.6 / A600 arthwork				(Cont	tinu	ed)				
	General Excavation Excavation of acceptable material Class 5A; using backacters and		#	20	m3	£20.00	£400.00	£9.59	5101.00	-£ 208.20
	tractor loaders n.e 3.0m deep		#	20	1113	120.00	1400.00	19.39	1191.80	-E206.20
.1.2	Excavation of acceptable material excluding 5A; using backacters and tractor loaders n.e 3.0m deep		#	42	m3	£40.00	£1,680.00	£35.00	£1,470.00	-£210.00
	Hard Excavation									
2.1	General excavation using backacters; Extra over excavation for		#	575	m3	£200.00	£115,000.00	£200.00	£115,000.00	€0.00
	excavation in cutting and other excavation for excavation in hard material									
2.2	Extra over allowance for inefficiency		#	1	item	£15,000.00	£15,000.00	£15,000.00	£15,000.00	€0.00
	Disposal of Excavated Material to Tip		#							_
3.1	Disposal of topsoil (5A) Disposable of acceptable material excluding class 5A		#		_	£50.00	£1,000.00	£46.00	£920.00 £1,932.00	₩-£80.00
3.3	Disposable of acceptable material excluding class 5A Disposal of unacceptable non hazardous material		#			£100.00	£57,500.00	£130.43		£158.00 £17,497.25
ction Total:	192,680		#							,
	ary Estimate									
	stershire County Council Doc: Scenario 2b Conwood Concept Local Plan Support	ost Esti	imate							
ode	Description Quantity	Unit	Rate	Tota	al					
6 / A600				(Cont	tinu	ed)				
avements	I .									
1.1	Proposed Road Works Granular material; subbase spread and graded; 150mm deep		#	279	m3	£70.00	£14,280.00	£55.00	£15,366.57	♠ £1 086 57
1.2	Base course; dense tarmacadam; 150mm deep		#	1,863	m2	£40.00	£54,440.00	£40.00		£20,064.60
1.3	Binder course; dense tarmacadam; 80mm deep		#	1,863	m2	£35.00	£47,635.00	£36.50	£67,985.45	£20,350.45
	Surface course; rolled asphalt; 40mm deep		#	3,725	m2	£30.00	£89,100.00	£25.50	£94,993.37	_
1.5	Allowance for night working Planing off to surrounding areas		#	1	item	£20,000.00	£20,000.00	£20,000.00	£20,000.00	≫ £0.00
	Cold milling pavement; 40mm deep; scarifying surface		#	936	m2	£30.00	£48,270.00	£25.00	£23,400.00	⊮ -£24.870 ∩
2.1	273,725		#				.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,570.0
ction Total:	ary Estimate									
ction Total: relimina										
ction Total: relimina ient: Leices	stershire County Council Doc: Scenario 2b C	ost Esti	imate							
ction Total: relimina ient: Leices oject: Charr ode	stershire County Council Doc: Scenario 2b C nwood Concept Local Plan Support Description Quantity			Tota						
lient: Leices roject: Chari Code A6 / A600	stershire County Council Doc: Scenario 2b C nwood Concept Local Plan Support Description Quantity			Tota (Cont		ed)				

	Proposed Kerbing								
1.1.1	Foundations to kerbs; mass concrete; 200x100mm	#	368	m	£15.00	£5,520.00	£15.00	£5,520.00	∌£0.00
1.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	368	m	£40.00	£14,720.00	£40.00	£14,720.00	→£0.00
	exceeding 12m radius								
1.2.1	Proposed Paving Subbase to paved area; sloping not exceeding 10 degrees to the	#	251	m2	£20.00	£5,020.00	£35.00	f8 785 00	↑ £3,765.0
1.2.1	horizontal; 100mm thick hardcore	#	231	1112	120.00	13,020.00	133.00	18,783.00	/II·L3,703.0
1.2.2	Paved area; 60mm thick; comprising binder course 40mm thick and	#	251	m2	£40.00	£10,040.00	£65.00	£16,315.00	№ £6,275.
	surface course 20mm thick	#					616.00		
1.2.3 ection Total:	Edging to footways 36,480	#	59	m	£20.00	£1,180.00	£16.00	£944.00	∳ -£236.0
	ary Estimate								
	stershire County Council Doc: Scenario 2b Cost	t Estimate							
	nwood Concept Local Plan Support	. Louinate							
Code	Description Quantity U	nit Rate	Tota	ıl					
6 / A600)4		(Con	tinued	l)				
raffic Sig	ns and Road Markings								
	Road Markings								
2.1.1	Allowance for relining of road	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	⇒ £0.00
2.1.2	Allowance for removal of existing lining	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	∌£0.00
	Toucan Crossings	#							A
2.2.1	Allowance for toucan crossings including markings, tactiles, beacons, lights and signs	#	9	nr	£50,000.00	£450,000.00	£55,000.00	£495,000.00	₩£45,000
	Traffic Signage and Bollards								
2.3.1	Allowance for reinstatement of existing traffic signage	#	1	item	£1,500.00	£1,500.00	£1,500.00	£1,500.00	⇒£0.00
2.3.2	Allowance for installation of new signage	# #	1	item	£1,500.00	£1,500.00	£1,500.00	£1,500.00	
2.3.3	Illuminated bollards fixed to concrete base	#	8	nr	£750.00	£6,000.00	£850.00	£6,800.00	↑ £800.00
ection Total:	466,500	#		· · · · ·					
relimina	ary Estimate								
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oad Ligh	ting Columns and Brackets, CCTV Masts and Cantilever	Masts							
3.1.1	Road Lighting Columns and Brackets	#	6	nr	£1,200.00	£7,200.00	61,000,00	£11,400.00	⊕ €4 200
5.1.1	Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal	#	ь	nr	£1,200.00	17,200.00	£1,900.00	£11,400.00	/[N £4,200.
	height								
3.1.2	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection,	#	6	nr	£800.00	£4,800.00	£900.00	£5,400.00	₱£600.00
3.1.3	single arm Lantern unit with photoelectric control set to switch on at 100 lux;	#	6	nr	£900.00	£5,400.00	£1,000.00	£6,000.00	№ £600 00
3.1.3	lamps; 250W SON; to suit 8m, 10m and 12m columns	#	ì		2500.00	23, 100.00	21,000.00	20,000.00	<u> </u>
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Extra over allowance for inefficiency # 1 item		-									
Disposal of Excavated Material to Tip 5.3.1 Disposal of topsoil (5A) # 382 m3 £50.00 £19,100.00 £46.00 £17,572.00	6.2.2	Extra over allowance for inefficiency		#	1	iter	m £45.000.00	£45,000.00	£45,000.00	£45,000.00	⇒£0.00
5.3.1 Disposal of topsoil (5A) # 382 m3 £50.00 £19,100.00 £46.00 £17,572.00 \$-£1,528.00 \$-£3.32 Disposable of acceptable material excluding class 5A # 470 m3 £50.00 £23,500.00 £46.00 £21,620.00 \$-£1,880.00 \$-£3.33 Disposal of unacceptable non hazardous material # 2,134 m3 £100.00 £213,400.00 £130.43 £278,337.62 \$-£4,937.62 \$-£4,300.00 £71.00 £29,160.00 \$-£4,860.00 \$-£24,300.00 £72.00 £29,160.00 \$-£4,860.00 \$-£24,300.00 £72.00 £29,160.00 \$-£4,860.00 \$-£24,800.00 \$-£24,300.00 £72.00 £29,160.00 \$-£4,860.00 \$-£24,800.00 \$-£				#				.,	,,,,,,,	.,	
5.3.2 Disposable of acceptable material excluding class 5A # 470 m3 £50.00 £23,500.00 £46.00 £21,620.00 £1,880.00 £3.3 Disposal of unacceptable non hazardous material # 2,134 m3 £100.00 £213,400.00 £130.43 £278,337.62 mported Fill # 405 m3 £60.00 £24,300.00 £72.00 £29,160.00 £24,860.00 £24,860.00 £24,300.00 £72.00 £29,160.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £24,860.00 £28,860.00 £24,860.00 £28,860.00 £24,860.00 £28,860.00 £28,860.00 £28,860.00 £28,960.00 £28	6.3.1			#	202	m?	\$ 650.00	f10 100 00	546.00	f17 572 00	L1 F20 00
Disposal of unacceptable non hazardous material # 2,134 m3 £100.00 £213,400.00 £13,403 £278,337.62 £64,937				#		+					
Imported Fill				#		_					
Imported rock fill	0.3.3			#	2,134	m3	£100.00	£213,400.00	£130.43	£278,337.62	₩£64,937.62
Preliminary Estimate Client: Leicestershire County Council				#							
Preliminary Estimate Client: Leicestershire County Council	6.4.1			#	405	m3	£60.00	£24,300.00	£72.00	£29,160.00	№ £4,860.00
Client: Leicestershire County Council	Section Total:										
Project: Charnwood Concept Local Plan Support Code Description Quantity Unit Rate A46 / A6 Pavements Proposed Road Works 7.1.1 Granular material; subbase spread and graded; 150mm deep # 1,076 m3 £70.00 £75,320.00 £55.00 £59,180.00 \$ 161,40.00	Prelimin	ary Estimate									
Code Description Quantity Unit Rate (Continued) Pavements Proposed Road Works 7.1.1 Granular material; subbase spread and graded; 150mm deep 7.1.2 Base course; dense tarmacadam; 150mm deep 7.1.3 Binder course; dense tarmacadam; 80mm deep 7.1.4 Surface course; rolled asphalt; 40mm deep 7.1.4 Surface course; rolled asphalt; 40mm deep 7.1.5 Total (Continued) 7.1.6 m3 £70.00 £75,320.00 £55.00 £59,180.00 €-16,140.00 €			st Esti	imate							
A46 / A6 Pavements Proposed Road Works 7.1.1 Granular material; subbase spread and graded; 150mm deep # 1,076 m3 £70.00 £75,320.00 £55.00 £59,180.00	-										
Proposed Road Works Proposed Road Works 1,1,10 Granular material; subbase spread and graded; 150mm deep # 1,076 m3 £70.00 £75,320.00 £55.00 £59,180.00 €7.1,22 Base course; dense tarmacadam; 150mm deep # 7,174 m2 £40.00 £286,960.00 £40.00 £286,960.00 €7.1,3 Binder course; dense tarmacadam; 80mm deep # 7,174 m2 £35.00 £251,090.00 £36.50 £261,851.00 €7.1,4 m2 £35.00 £251,090.00 £36.50 £261,851.00 €7.1,4 m2 £35.00 £421,170.00 £25.50 £357,994.50 €7.1,550 €7.5,994.50 €7.5,550 £357,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50 €7.5,550 €7.5,994.50	Code	Description Quantity U	Init	Rate							
Proposed Road Works 7.1.1 Granular material; subbase spread and graded; 150mm deep # 1,076 m3 £70.00 £75,320.00 £55.00 £59,180.00 €16,140.00 €286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £40.00 £286,960.00 £4	A46 / A6				(Cont	tinı	ued)				
7.1.1 Granular material; subbase spread and graded; 150mm deep # 1,076 m3 £70.00 £75,320.00 £55.00 £59,180.00 \$\\ \begin{pmatrix} \pi = 16,140.00 \\ \pi = 16,140.00	Pavement	S									
7.1.1 Granular material; subbase spread and graded; 150mm deep # 1,076 m3 £70.00 £75,320.00 £55.00 £59,180.00 \$\\ \begin{pmatrix} \pi = 16,140.00 \\ \pi = 16,140.00		Proposed Road Works									
7.1.2 Base course; dense tarmacadam; 150mm deep # 7,174 m2 £40.00 £286,960.00 £40.00 £286,960.00 \$\(\) (0.00 \)	7.1.1			#	1.076	m3	£70.00	£75.320.00	£55.00	£59,180.00	-£16 140 ∩ 0
7.1.3 Binder course; dense tarmacadam; 80mm deep # 7,174 m2 £35.00 £251,090.00 £36.50 £261,851.00				#		_					
7.1.4 Surface course; rolled asphalt; 40mm deep 14039 14,039 m2 £30.00 £421,170.00 £25.50 £357,994.50 -£63,175.50				#		_					
				#		+					
7.1.5 Allowance for night working " 1 1 1 1 1 1 1				14039		_					
	715	Allowance for night working		#	1	iter	m £80,000.00	£80,000.00	£80,000.00	£80,000.00	⇒ £0.00

	Planing off to surrounding areas								
7.2.1	Cold milling pavement; 40mm deep; scarifying surface	#	6,865	m2	£30.00	£205,950.00	£25.00	£171,625.00	-£34,325. 0
Section Tot		#							
Prelim	inary Estimate								
	icestershire County Council Doc: Scenario 2b Cos	t Estimate							
Project: C Code	harnwood Concept Local Plan Support Description Ouantity U	nit Pato	Tota	, I					
Coue A46 / A		iii Kale	(Con		d)				
- /	Footways and Paved Areas		(COII	liiiue	u)				
icci b3, i	Proposed Kerbing								
11.1.1	Foundations to kerbs; mass concrete; 200x100mm	#	1,244	m	£15.00	£18,660.00	£15.00	£18,660.00	⇒ £0.00
11.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	1,244		£40.00	£49,760.00		£49,760.00	_
	exceeding 12m radius								
	Proposed Paving	#							A
11.2.1	Subbase to paved area; sloping not exceeding 10 degrees to the horizontal; 100mm thick hardcore	#	2,406	m2	£20.00	£48,120.00	£35.00	£84,210.00	↑ £36,090.
11.2.2	Paved area; 60mm thick; comprising binder course 40mm thick and	#	2,406	m2	£40.00	£96,240.00	£65.00	£156,390.00	↑ £60,150.
	surface course 20mm thick	#							_
11.2.3 Section Tot	Edging to footways al: 226,200	#	671	m	£20.00	£13,420.00	£16.00	£10,736.00	₩ -£2,684.0
	inary Estimate icestershire County Council Doc: Scenario 2b Cos	t Ectimate							
	harnwood Concept Local Plan Support	t Estimate							
Code	Description Quantity U	nit Rate	Tota	ıl					
A46 / A	· · · · · · · · · · · · · · · · · · ·		(Con	tinue	d)				
Traffic :	Signs and Road Markings								
	Road Markings								
12.1.1	Allowance for relining of road	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	
12.1.2	Allowance for removal of existing lining	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	→ £0.00
	Toucan Crossings	*							
12.2.1	Allowance for reinstallation of existing toucan crossings including	#	7	nr	£35,000.00	£245,000.00	£33,000.00	£231,000.00	₩ -£14,000
	markings, tactiles, beacons, lights and signs Traffic Signage and Bollards								
12.3.1	Allowance for reinstatement of existing traffic signage	#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	⊸ £0 00
12.3.2	Allowance for installation of new signage	#	1	item	£2,500.00	£2,500.00	 	£2,500.00	
12.3.3	Illuminated bollards fixed to concrete base	#	6	nr	£750.00	£4,500.00			₱£600.00
Section Tot		#				- 1,555.55		,	1 1000.00
Client: Le Project: C Code	inary Estimate icestershire County Council harnwood Concept Local Plan Support Description Quantity U		Tota		d)				
Client: Le Project: C Code A46 / A	icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 16 ghting Columns and Brackets, CCTV Masts and Cantilever	nit Rate	Tota (Con		d)				
Client: Le Project: C Code A46 / A Road Li	icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 6 ghting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets	nit Rate Masts	(Con	tinue		(12.200.00	(10000	(30,000,00	A 57 700 0
Client: Le Project: C Code A46 / A Road Li	icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 16 ghting Columns and Brackets, CCTV Masts and Cantilever	nit Rate	(Con		d) £1,200.00	£13,200.00	£1,900.00	£20,900.00	↑ £7,700.0
Client: Le Project: C Code A46 / A Road Li	icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 66 ghting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection,	nit Rate Masts	(Con	tinue		£13,200.00			
Client: Le Project: C Code A46 / A Road Li	icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 66 ghting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm	nit Rate Masts	(Con	nr nr	£1,200.00	£8,800.00	£900.00	£9,900.00	↑ £1,100.0
Client: Le Project: C Code A46 / A Road Li	icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 66 ghting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection,	nit Rate Masts	(Con	nr	£1,200.00		£900.00	£9,900.00	↑ £1,100.0
Client: Le Project: C Code A46 / A Road Li 13.1.1 13.1.2 13.1.3	Road Lighting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns at: 31,900	nit Rate Masts	(Con	nr nr	£1,200.00	£8,800.00	£900.00	£9,900.00	↑ £1,100.0
Client: Le Project: C Code A46 / A Road Li 13.1.1 13.1.2 13.1.3 Section Tot Prelim	icestershire County Council harnwood Concept Local Plan Support Description Quantity U 66 ghting Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns al: 31,900 inary Estimate	Masts ###################################	(Con	nr nr	£1,200.00	£8,800.00	£900.00	£9,900.00	↑ £1,100.0
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Client: Le Project: C COde A46 / A Road Li III. III. III. III. III. III. III. I	Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Geginning Columns and Brackets, CCTV Masts and Cantilever Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns al: 31,900 inary Estimate icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 66 al Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply al: 45,000 inary Estimate icestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U 66 and Embedded Retaining Walls Retaining Wall Retaining Wall Retaining Wall; Keystone precast concrete blocks; 1.0m high; Includes foundation	Masts # # # tt Estimate nit Rate tt Estimate nit Rate	(Con	nr nr nr litem	£1,200.00 £800.00 £900.00 d)	£8,800.00 £9,900.00 £45,000.00 Excluded	£900.00 £1,000.00 £45,000.00 Excluded	£9,900.00 £11,000.00	↑ £1,100.0 ↑ £1,100.0
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30.1.1	Allowance for landscaping works associated with carriageway	#	1 1	tem	£10,000.00	£10,000.00	£10,000.00	£10,000.00 => £0.00
Section Tota	realignment including imported fill, seeding and planting l: 10,000							
	nary Estimate							
	cestershire County Council Doc: Scenario 2b Cos narnwood Concept Local Plan Support	st Estimate						
Code	Description Quantity U	nit Rate	Total					
A46 / A6			(Conti	nued)				
Design [Development and Allowance for Unforeseen				Т			
0.1.1	Design Development Allowance for Design Development	#	20 5	v		£0.00	£0.00	€0.00
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ection Tota					,		•	
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	cestershire County Council Doc: Scenario 2b Cos narnwood Concept Local Plan Support	st Estimate						
Code	Description Quantity U	nit Rate	Total					
	ssington Lane							
Prelimin		1			Т			
.1.1	Traffic Management				0.27	624 000 00		C44 050 00 A 040 050
.1.1	Allowance for Traffic Management General Preliminaries				8.37	£31,000.00		£41,850.00
.2.1	Preliminaries	#	0 9	16	£363,739.50	£363,740.00	£932,165.23	£372,866.09 126.0
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	nary Estimate							
	cestershire County Council Doc: Scenario 2b Cos narnwood Concept Local Plan Support	t Estimate						
Tojecti cii Code	Description Quantity U	nit Rate	Total					
46 / Cos	ssington Lane		(Conti	nued)				
Site Clea	arance							
	Site Clearance	#						
.1.1	Take up or down and remove to tip off site; precast concrete kerbs	#	408		£10.00	£4,080.00	£12.00	£4,896.00
.1.2	Allowance for the removal of existing bollards to tip off site Take down and remove to tip off site; lighting column including	#	4 1	nr nr	£35.00	£140.00 £250.00	£90.00	£360.00
	bracket arm and lantern; 10m high	#	, i	"	2230.00	2230.00	2230.00	
.1.4	Allowance for removal of traffic signs to store off site	#	1 1	tem	£1,000.00	£1,000.00	£1,000.00	£1,000.00 =>£0.00
		#						
ection Tota Prelimi Client: Leio	Allowance for removal of traffic signals to tip off site 1: 5,970 mary Estimate cestershire County Council Doc: Scenario 2b Costarrowood Concept Local Plan Support	# # st Estimate	1	tem	£500.00	£500.00	£500.00	£500.00 ->>£0.00
Client: Leio Project: Ch Code	i: 5,970 nary Estimate cestershire County Council Doc: Scenario 2b Cos		Total (Conti	tem				
Prelimi Prelimi Client: Leio Project: Ch Code A6 / Cos	I: 5,970 nary Estimate cestershire County Council Doc: Scenario 2b Cos narnwood Concept Local Plan Support Description Quantity U ssington Lane e and Service Ducts		Total	tem				
Prelimi Prelimi Client: Leio Project: Ch Code A6 / Cos Drainage	I: 5,970 nary Estimate cestershire County Council Doc: Scenario 2b Cos narnwood Concept Local Plan Support Description Quantity U assington Lane e and Service Ducts Surface Water Drainage		Total (Conti	nued)	£500.00	£500.00	£500.00	£500.00 \$£0.00
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1.1.3 Binder course; dense tarmacadam; 80mm deep # 3,296 m2 £35.00 £74,725.00 £36.50 £120,304.00 ♠£45,57 1.1.4 Surface course; rolled asphalt; 40mm deep # 3,296 m2 £30.00 £89,100.00 £25.50 £84,048.00 ♣25,05 1.1.5 Allowance for night working # 1 item £20,000.00 £20,000.00 £20,000.00 £20,000.00 €0.00.00	7.1.2 7.1.3	Base course; dense tarmacadam; 150mm deep	#	3,296	m2	£40.00	£85,400.00	£40.00	£131,840.00	PEVE VVO
3.15 Milwase for ingle working 1.20 1.10 1.10 1.20			#							
1 cm	7.1.4		#							_
Table Description Description Description Description Quantity Unit Rate Description	7.1.5		#	1						•
Part Continued	1.6		#			.,				
Planing off to surrounding areas							subbase and	subbase and		
Manage of the surrounding parasement of them deeps startfuring surface										
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State Total	2.1		#	1.002		620.00	(25,050,00	535.00	627 225 00	A CO 07E O
Total (Continued) Doc: Senario 2b Cost Estimate roject: Charmood Contexp Local Plan Support Code Description Quantity Unit Rate (Continued)			#	1,055	1112	130.00	123,030.00	123.00	127,323.00	ME2,275.0
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Proposed Keehing A Residual State of the Control of the			nit Rate	Tota	ıl					
Inspects Knothing	6 / Cos	ssington Lane		(Cont	inue	d)				
13.1 Foundations to learns: mass concerts: 2000 1000m	erbs, F	ootways and Paved Areas								
1.1.1 Foundations to leters, mass concrete: 2006 100mm 388 m 115.00 153,20.00 115.00 153,20.00 150.00 155,20.00 20.00		Proposed Kerbing								
exceeding 12m radius	.1.1	Foundations to kerbs; mass concrete; 200x100mm	#	388	m	£15.00	£5,820.00	£15.00	£5,820.00	€0.00
Poposed Faving	.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	388	m	£40.00	£15,520.00	£40.00	£15,520.00	€0.00
12.11 Subhase to pased area: sloping not exceeding 10 degrees to the horizonal. Domain take Anadroce " 333 m² 120,00 12,000 135,00 13,000 13,000 12,500 12,505		exceeding 12m radius								
		Proposed Paving	#							•
1.22 Paved area, 60mm thick, comprising binder course 40mm thick and	.2.1		#	393	m2	£20.00	£7,860.00	£35.00	£13,755.00	£5,895.0
Surface course 20mm thick	2 2		#	202	m?	£40.00	£15 720 00	ter 00	£35 545 00 d	₩ to 835 t
			#	293	1112	140.00	113,720.00	105.00	223,343.00	≡ - 2,023.U
Preliminary Estimate Provided Description Quantity Unit Rate Continued Continued	.2.3		#	23	m	£20.00	£460.00	£16.00	£368.00	⊌ -£92.0∩
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ient: Leicestershire County Council Doc: Scenario 2b Cost Estimate olde Description Quantity Unit Rate 6 / Cossington Lane (Continued) (Continu	relimi	nary Estimate								
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Continued Cont	oject: Ch	arnwood Concept Local Plan Support								
(Continued) Rada Markings Road Markings Road Markings	ode	Description Quantity U	nit Rate	Tota	ıl					
Road Markings	6 / Cos	ssington Lane		(Cont	inue	d)				
1 tem	raffic S	igns and Road Markings								
1 ten		Road Markings								
1 tem	.1.1	Allowance for relining of road	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	€0.00
Toucan Crossings 2 nr £25,000.00 £50,000.00 £1,000.00 £	.1.2		#	1	item					
Allowance for zebra crossings including markings, tactiles, beacons and signs Traffic Signage and Bollards 3.3.1 Allowance for reinstatement of existing traffic signage 3.3.2 Allowance for installation of new signage 3.3.3 Illuminated bollards fixed to concrete base 3.3.3 Illuminated bollards fixed to concrete base 3.3.4 Signage and Bollards 3.3.5 Or reliminary Estimate ent: Leicestershire County Council 3.4 Cossington Lane 3.5 Cossington Lane 3.6 Cossington Lane 3.6 Cossington Lane 3.1 Cadvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 1.0.0m nominal height 3.1.1 Cadvanized steel road lighting column with 5 degree uplift; 1.5m projection, single arm 3.1 Intern unit with photoelectric control set to switch on at 100 lux; 3.2 Intern unit with photoelectric control set to switch on at 100 lux; 3.3 Itantern unit with photoelectric control set to switch on at 100 lux; 3.4 Intern unit with photoelectric control set to switch on at 100 lux; 3.5 Possington Council 3.6 Costington Council 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 4. Intern unit with photoelectric control set to switch on at 100 lux; 5. International problems of the switch on at 100 lux; 6. International problems of the switch on at 100 lux; 6. International problems of the substitution of			#			,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	7	2 20.00
and signs Traffic Signage and Bollards Traffic Signage and Traf	.2.1		#	2	nr	£25.000.00	£50.000.00	£9,500,00	f19.000.00	₽-£31.00
Traffic Signage and Bollards Allowance for reinstatement of existing traffic signage # 1			#	_		223,000.00	230,000.00	25,500.00	213,000.00	201,00
Allowance for installation of new signage 1 item										
Allowance for installation of new signage 1 item	2.3.1		#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	€0.00
Illuminated bollards fixed to concrete base # 7 nr			#							
reliminary Estimate ient: Leicestershire County Council opict: Charnwood Concept Local Plan Support ode Description Quantity Unit Rate 6 / Cossington Lane oad Lighting Columns and Brackets, CCTV Masts and Cantilever Masts Road Lighting Columns and Brackets 1.1.1 Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height 1.1.2 Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm 1.1.3 Lantern unit with photoelectric control set to switch on at 100 lux; all lamps; 250W SON; to suit 8m, 10m and 12m columns ction Total: 2,900 reliminary Estimate ient: Leicestershire County Council Doc: Scenario 2b Cost Estimate oject: Charnwood Concept Local Plan Support	.3.3		#		_					
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Lantern unit with photoelectric control set to switch on at 100 lux; amps; 250W SON; to suit 8m, 10m and 12m columns 1,000.00	oad Lig	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height	Masts ##	1	nr	£1,200.00				
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crossings and lighting column installation	1.1 1.2 1.3 tion Tota relimi rent: Leic object: Ch ode 5 / Cos ectrica	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns E. 2,900 mary Estimate restershire Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity Usington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply	#### t Estimate nit Rate	Tota (Cont	nr nr	£1,200.00 £800.00 £900.00	£800.00 £900.00	£1,000.00	£1,000.00	£100.0
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crossings and lighting column installation 1.1.2 New electrical supply Excluded Excluded Excluded Excluded Excluded	oad Ligonal Li	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns 1: 2,900 nary Estimate restershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U sington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1: 10,000 nary Estimate	######################################	Tota (Cont	nr nr	£1,200.00 £800.00 £900.00	£800.00 £900.00	£1,000.00	£1,000.00	£100.0
crossings and lighting column installation	oad Lig	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns E. 2,900 mary Estimate Eestershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity U sington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply E. 10,000 mary Estimate Eestershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support	######################################	Tota (Cont	nr nr nr inue	£1,200.00 £800.00 £900.00	£800.00 £900.00	£1,000.00	£1,000.00	£100.0
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crossings and lighting column installation L1.2 New electrical supply Treliminary Estimate lient: Leicestershire County Council Doc: Scenario 2b Cost Estimate Doject: Charnwood Concept Local Plan Support Dode Description Quantity Unit Rate Total	pad Lig	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns E. 2,900 mary Estimate Externate county Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U ssington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply E. 10,000 mary Estimate externate county Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U Scenario 2b Cos arnwood Concept Local Plan Support Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U	######################################	Tota (Cont	nr nr nr item	£1,200.00 £800.00 £900.00	£800.00 £900.00	£1,000.00	£1,000.00	£100.0
crossings and lighting column installation 1.2 New electrical supply 1.3 New electrical supply 1.4 Excluded 1.5 Excluded 1.6 Excluded 1.7 Excluded 1.8 Excluded 1.	pad Lig	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns E. 2,900 mary Estimate estershire County Council Doc: Scenario 2b Costarnwood Concept Local Plan Support Description Quantity Usington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply E. 10,000 mary Estimate estershire County Council Doc: Scenario 2b Costarnwood Concept Local Plan Support Description Quantity Usington Concept Local Plan Support Description Quantity Usington Concept Local Plan Support Description Quantity Usington Lane	######################################	Tota (Cont	nr nr nr item	£1,200.00 £800.00 £900.00	£800.00 £900.00	£1,000.00	£1,000.00	£100.0
crossings and lighting column installation L1.2 New electrical supply Excluded Excl	pad Lig	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns 1. 2,900 MARY Estimate Sestershire County Council Doc: Scenario 2b Costarnwood Concept Local Plan Support Description Quantity Usington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1. 10,000 MARY Estimate Sestershire County Council Doc: Scenario 2b Costarnwood Concept Local Plan Support Description Quantity Usington Lane Doc: Scenario 2b Costarnwood Concept Local Plan Support Description Quantity Usington Lane Development and Allowance for Unforeseen	######################################	Tota (Cont	nr nr nr item	£1,200.00 £800.00 £900.00	£800.00 £900.00	£1,000.00	£1,000.00	£100.0
crossings and lighting column installation New electrical supply tion Total: 10,000 reliminary Estimate ient: Leicestershire County Council Doc: Scenario 2b Cost Estimate oject: Charnwood Concept Local Plan Support ode Description Quantity Unit Rate 6 / Cossington Lane esign Development and Allowance for Unforeseen Design Development Design Development	oad Lig	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W 50N; to suit 8m, 10m and 12m columns 1: 2,900 mary Estimate restershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U sington Lane I Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1: 10,000 mary Estimate restershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U scenario Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U sington Lane Development and Allowance for Unforeseen Design Development	t Estimate nit Rate ##	Tota (Cont	nr nr nr nr nr nr item	£1,200.00 £800.00 £900.00	£900.00 £900.00	£10,000.00 £10,000.00 Excluded	£1,000.00	£100.00
crossings and lighting column installation 4.1.2 New electrical supply Preliminary Estimate lilent: Leicestershire County Council Project: Charrwood Concept Local Plan Support Code Description Quantity Unit Rate Occide Description Design Development and Allowance for Unforeseen Design Development	and Ligarian State	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns 1: 2,900 nary Estimate 1: 2,900 nary Estimate 1: 2,900 nary Estimate 1: 2,900 nary Estimate 1: 2,900 Nescription Quantity U description Qu	t Estimate nit Rate ##	Tota (Cont	nr nr nr nr nr nr item	£1,200.00 £800.00 £900.00	£900.00 £900.00	£10,000.00 £10,000.00 Excluded	£1,000.00	£100.00

60.2.1									
	Allowance for Unforeseen	#	20	%		£0.00	£0.00	£0.00	∌£ 0.00
ection Total:									
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
roject: Cha Code	arnwood Concept Local Plan Support Description Ouantity U	nit Data	Tota	. 1					
	Description Quantity U na Drive	iii Kale	Tota	ti					
relimina									
Tellillilli	Traffic Management								1
.1.1					9.10	C20 240 00		C40.0E0.00	A 540 540
.1.1	Allowance for Traffic Management General Preliminaries				8.19	£30,340.00		£40,959.00	₩£10,619.
		#		0.1	5200 252 50	5200 254 00	5000 000 07	5252 245 05	
.2.1 ection Total:	Preliminaries : 429,594	#	0	%	£399,253.50	£399,254.00	£883,289.87	£353,315.95	J₩-£45,938
	nary Estimate estershire County Council Doc: Scenario 2b Cos	t Estimata							
	estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support	t Estimate							
Code	Description Quantity U	nit Rate	Tota	ıl					
	na Drive		(Cont		d)				
ite Clea			(/				
	Site Clearance]
.1.1	Take up or down and remove to tip off site; precast concrete kerbs	#	451	m	£10.00	£4,510.00	£12.00	£5.412.00	↑ £902.00
.1.2	Allowance for removal of traffic signs to store off site	#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	-
1.3	Allowance for removal of traffic signals to tip off site	#	1	item	£250.00	£250.00	£250.00		⇒£0.00
ection Total:		#	<u> </u>		2230.00	2230.00	2230.00	2230.00	20.00
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
	arnwood Concept Local Plan Support								
ode	Description Quantity U	nit Rate	Tota	ıl					
	na Drive		(Cont		d)				
)rainage	and Service Ducts								
	Surface Water Drainage								
.1.1	Allowance for surface water drainage alterations	#	1,558	m2	£35.00	£54,530.00	£40.00	£62,320.00	↑ £7,790.0
ction Total:	: 54,530								
relimir	nary Estimate								
lient: Leice	estershire County Council Doc: Scenario 2b Cos	t Estimate							
-	arnwood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota	ıl					
	na Drive		(Cont	inue	d)				
arthwor	ks								
	General Excavation								
.1.1	Excavation of acceptable material Class 5A; using backacters and	#	6	m3	£20.00	£120.00	£9.59	£57.54	₩ -£62.46
.1.2	tractor loaders n.e 3.0m deep	#	16	2	£40.00	£640.00	£35.00	5550.00	↓ -£80.00
.1.2	Excavation of acceptable material excluding 5A; using backacters and tractor loaders n.e 3.0m deep	#	16	m3	140.00	1640.00	135.00	1560.00	-E8U.UU
	Hard Excavation								
5.2.1	General excavation using backacters; Extra over excavation for	#	690	m3	£200.00	£138,000.00	£200.00	£138,000.00	→ £0.00
	excavation in cutting and other excavation for excavation in hard	_							
	material							1	
		#	_						—
.2.2	Extra over allowance for inefficiency	#	1	item	£15,000.00	£15,000.00	£15,000.00	£15,000.00	⇒ £0.00
.2.2		#	1	item	£15,000.00	£15,000.00	£15,000.00		
.3.1	Extra over allowance for inefficiency	# # #	6	m3	£50.00	£300.00	£46.00	£276.00	↓ -£24.00
.3.1	Extra over allowance for inefficiency Disposal of Excavated Material to Tip	# # # # #	6					£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposable of acceptable material excluding class 5A Disposal of unacceptable non hazardous material	# # # # #	6	m3 m3	£50.00	£300.00	£46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1 .3.2 .3.3 ection Total:	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposable of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860	# # # # # #	6	m3 m3	£50.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1 .3.2 .3.3 ection Total:	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposable of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate	# # # # # #	6	m3 m3	£50.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1 .3.2 .3.3 ection Total: Prelimir	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposable of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos	# # # # #	6	m3 m3	£50.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1 .3.2 .3.3 ection Total: Prelimir llient: Leico	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (SA) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cosarnwood Concept Local Plan Support		6 16 690	m3 m3 m3	£50.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1 .3.2 .3.3 ection Total: Prelimir lient: Leico	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arrnwood Concept Local Plan Support Description Quantity U		6 16 690	m3 m3 m3	£50.00 £50.00 £100.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
3.1 3.2 3.3 ection Total: Prelimir lient: Leico roject: Cha Code 450 / Lei	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive		6 16 690	m3 m3 m3	£50.00 £50.00 £100.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00 ↓ -£64.00
.3.1 .3.2 .3.3 ection Total: Prelimir lient: Leico roject: Cha Code A50 / Lei	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive		6 16 690	m3 m3 m3	£50.00 £50.00 £100.00	£300.00 £800.00	£46.00 £46.00	£276.00 £736.00	↓ -£24.00
3.1 3.2 3.3 3.3 Prelimir Jient: Leicoroject: Cha Code 450 / Lei Javemen	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive ts Proposed Road Works		6 16 690 Tota (Cont	m3 m3 m3	£50.00 £50.00 £100.00	£300.00 £800.00 £69,000.00	£46.00 £46.00 £130.43	£276.00 £736.00 £89,996.70	↓-£24.00↓-£64.00♠£20,996.
3.1 3.2 3.3 ection Total: Prelimir lient: Leicr roject: Cha Code 450 / Lei avemen	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of osceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 Cary Estimate estershire County Council Doc: Scenario 2b Cosarrowood Concept Local Plan Support Description Quantity U na Drive ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep		6 16 690 Tota (Cont	m3 m3 m3	£50.00 £50.00 £100.00 d)	£300.00 £800.00 £69,000.00	£46.00 £46.00 £130.43	£276.00 £736.00 £89,996.70	€24.00€64.00€20,996.
3.1 3.2 3.3 Prelimir lient: Leicr roject: Cha Code L50 / Lei avemen 1.1 1.2	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of otopsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 Concept Estimate Estershire County Council Doc: Scenario 2b Cosarnwood Concept Local Plan Support Description Quantity U The Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep		6 16 690 Tota (Cont	m3 m3 m3	f50.00 f50.00 f100.00 d)	£300.00 £800.00 £69,000.00 £16,380.00 £62,320.00	£46.00 £46.00 £130.43	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00	 €24.00 €64.00 €20,996. €4,784. €6,100.
3.1 3.2 3.3 ection Total: Prelimir lient: Leicr roject: Cha Code 450 / Lei avemen	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of osceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 Cary Estimate estershire County Council Doc: Scenario 2b Cosarrowood Concept Local Plan Support Description Quantity U na Drive ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep		6 16 690 Tota (Cont	m3 m3 m3	£50.00 £50.00 £100.00 d)	£300.00 £800.00 £69,000.00	£46.00 £46.00 £130.43	£276.00 £736.00 £89,996.70 £111,595.38 £56,220.00 £51,300.75	 ↓-£24.00 ↓-£4.00 ↑-£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229.
.3.1 .3.2 .3.3 ection Total: Prelimir lient: Leicr roject: Cha Code .550 / Lei avemen	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of otopsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 Concept Estimate Estershire County Council Doc: Scenario 2b Cosarnwood Concept Local Plan Support Description Quantity U The Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep		6 16 690 Tota (Cont	m3 m3 m3	£50.00 £50.00 £100.00 d) f70.00 £40.00 £35.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00	£46.00 £46.00 £130.43	£276.00 £736.00 £89,996.70 £111,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ♠£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,649
3.1 3.2 3.3 ection Total: Prelimir lient: Leico roject: Cha Code 1.50 / Lei avemen 1.1 1.2 1.3 1.4	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cosarnwood Concept Local Plan Support Description Quantity U na Drive its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep		Tota (Cont	m3 m3 m3 m3 m3 m3 m3 m2 m2	£50.00 £50.00 £100.00 d) f70.00 £40.00	£300.00 £800.00 £69,000.00 £16,380.00 £62,320.00 £54,530.00	£46.00 £46.00 £130.43	£276.00 £736.00 £89,996.70 £111,595.38 £56,220.00 £51,300.75	 ↓-£24.00 ↓-£64.00 ♠£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,645
3.1 3.2 3.3 ection Total: Prelimir lient: Leico roject: Cha Code 1.50 / Lei avemen 1.1 1.2 1.3 1.4	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of topsoil (5A) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arrivodo Concept Local Plan Support Description Quantity U na Drive Its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep	######################################	Tota (Cont	m3 m3 m3 m3 m3 m2 m2 m2	£50.00 £50.00 £100.00 d) f70.00 £40.00 £35.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £111,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ♠£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,649
.3.1 .3.2 .3.3 ection Total: Prelimir dient: Leiccion Code ASO / Lei avemen .1.1 .1.2 .1.3 .1.4	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of topsoil (5A) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working		Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 m3 m2 m2 m2	£50.00 £50.00 £100.00 d) f70.00 £40.00 £35.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ♣-£24.00 ♦-£64.00 ♠ £20,996. ♦-£4,784.6 ♦-£6,100.0 ♦-£3,229 ♦-£21,649
.3.1 .3.2 .3.3 section Total: Prelimir lient: Leico roject: Cha Code ASO / Lei avemen .1.1 .1.2 .1.3 .1.4 .1.5	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arrowood Concept Local Plan Support Description Quantity U na Drive tts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface	######################################	Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 m3 m3 m3 m2 m2 m2 item	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ↑£20,996. ↓-£4,784.1 ↓-£6,100.0 ↓-£21,649 ↓-£21,649 ↓-£20.00
.3.1 .3.2 .3.3 section Total: Prelimir lilent: Leico roject: Cha Code ASO / Lei Pavemen .1.1 .1.2 .1.3 .1.4 .1.5	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material: 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arrowood Concept Local Plan Support Description Quantity U na Drive tts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface	######################################	Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 m3 m3 m3 m2 m2 m2 item	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ↑£20,996. ↓-£4,784.1 ↓-£6,100.1 ↓-£21,649 ↓-£21,649 ♠-£0.00
.3.1 .3.2 .3.3 ection Total: Prelimir Client: Leicoroject: Cha Code ASO / Lei Davemen .1.1 .1.2 .1.3 .1.4 .1.5 .2.1 ection Total: Prelimir Client: Leicoroject: Cha Code Clavemen .1.1 .1.2 .1.3 .1.4 .1.5	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (SA) Disposal of topsoil (SA) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arrowood Concept Local Plan Support Description Quantity U na Drive its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 293,150 nary Estimate estershire County Council Doc: Scenario 2b Cos	nit Rate	Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 m3 m3 m3 m2 m2 m2 item	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ♠£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,645. ♠£0.00
.3.1 .3.2 .3.3 ection Total: Prelimir Client: Leiccion Code A50 / Lei Avemen .1.1 .1.2 .1.3 .1.4 .1.5 Prelimir Client: Leiccion Code Code Code Code Code Code Code Code	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (SA) Disposal of topsoil (SA) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 293,150 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support	nit Rate	Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 inue	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ♠£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,645. ♠£0.00
.3.1 .3.2 .3.3 ection Total: Prelimir Client: Leiccion Code ASO / Lei Avemen .1.1 .1.2 .1.3 .1.4 .1.5 Prelimir Client: Leiccion Code Code Code Code Code Code Code Code	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (SA) Disposal of topsoil (SA) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arrowood Concept Local Plan Support Description Quantity U na Drive its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 293,150 nary Estimate estershire County Council Doc: Scenario 2b Cos	nit Rate	Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 inue	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ↑£20,996. ↓-£4,784.1 ↓-£6,100.1 ↓-£21,649 ↓-£21,649 ♠-£0.00
.3.1 .3.2 .3.3 .3.3 cetton Total: Prelimir lient: Leice roject: Che Code .50 / Lei avemen .1.1 .1.2 .1.3 .1.4 .1.5 .2.1 .2.1 .2.1 .1.5 .2.1 .2.1 .2.1	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (SA) Disposal of topsoil (SA) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 293,150 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support	nit Rate	Tota (Cont 211 1,406 2,811	m3 m3 m3 m3 inue	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£4.784. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,645. ↓-£0.00
.3.1 .3.2 .3.3 .3.2 .3.3 ection Total: Prelimir lient: Leico Code .50 / Lei Cavemen .1.1 .1.2 .1.3 .1.4 .1.5 .2.1 ection Total: Prelimir lient: Leico Code .50 / Lei Code	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (SA) Disposal of topsoil (SA) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material : 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arriwood Concept Local Plan Support Description Quantity U na Drive tts Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 293,150 nary Estimate estershire County Council Doc: Scenario 2b Cos arriwood Concept Local Plan Support Description Quantity U	nit Rate	Tota (Cont 211 1,406 2,811 1	m3 m3 m3 m3 inue	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ♠£20,996. ↓-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,645. ♠£0.00
Client: Leicroject: Chacode Code Code Code Code Code Code Code C	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of topsoil (5A) Disposal of unacceptable material excluding class 5A Disposal of unacceptable non hazardous material 223,860 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface 293,150 nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive	nit Rate	Tota (Cont 211 1,406 2,811 1	m3 m3 m3 m3 inue	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ↑£20,996. ↓-£4,784.1 ↓-£6,100.1 ↓-£21,649 ↓-£21,649 ♠-£0.00
.3.1 .3.2 .3.3 ection Total: Prelimir Client: Leice Project: Cha Code A50 / Lei A1.1 .1.1 .1.2 .1.3 .1.4 .1.5 .2.1 ection Total: Prelimir Client: Leice Project: Cha Code A50 / Lei A1.2 .1.5 .2.1 .2.1 .2.1 .2.1 .2.1 .2.1 .	Extra over allowance for inefficiency Disposal of Excavated Material to Tip Disposal of topsoil (5A) Disposal of topsoil (5A) Disposal of acceptable material excluding class 5A Disposal of unacceptable non hazardous material 223,860 Dary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive Its Proposed Road Works Granular material; subbase spread and graded; 150mm deep Binder course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface 293,150 Dary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U na Drive potways and Paved Areas	nit Rate	Tota (Cont 211 1,406 2,811 1	m3 m3 m3 m3 m3 m2 m2 m2 item m2	£50.00 £50.00 £100.00 d) £70.00 £40.00 £35.00 £20,000.00	£300.00 £800.00 £69,000.00 £16,380.00 £2,320.00 £54,530.00 £20,000.00	£46.00 £46.00 £130.43 £55.00 £40.00 £36.50 £25.50	£276.00 £736.00 £89,996.70 £11,595.38 £56,220.00 £51,300.75 £71,680.50	 ↓-£24.00 ↓-£64.00 ↑-£4,784. ↓-£6,100. ↓-£3,229. ↓-£21,649 ↓-£0.00 ↓-£25,715

	exceeding 12m radius								
	Proposed Paving	#							A
11.2.1	Subbase to paved area; sloping not exceeding 10 degrees to the horizontal; 100mm thick hardcore	#	96	m2	£25.00	£2,400.00	£35.00	£3,360.00	♠£960.00
11.2.2	Paved area; 60mm thick; comprising binder course 40mm thick and	#	96	m2	£45.00	£4,320.00	£65.00	£6,240.00	↑ £1,920.00
Section Total:	surface course 20mm thick								
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
-	arnwood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota						
A50 / Len			(Cont	inued	d)				
Traffic Sig	gns and Road Markings Road Markings	Ι							
12.1.1	Allowance for relining of road	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	⇒ £0.00
	Toucan Crossings	#						,	2 L0.00
12.2.1	Allowance for toucan crossings including markings, tactiles, beacons,	#	5	nr	£50,000.00	£250,000.00	£55,000.00	£275,000.00	♠ £25,000.00
	lights and signs								
12.2.1	Traffic Signage and Bollards	#	,	item	£1,000.00	£1,000.00	£1,000.00	(1,000,00	N 00 00
12.3.1	Allowance for reinstatement of existing traffic signage Allowance for installation of new signage	#		item	£1,000.00	£5,000.00	£1,000.00	£1,000.00 £5,000.00	
12.3.3	Illuminated bollards fixed to concrete base	#		nr	£750.00	£1,500.00	£850.00		£200.00
Section Total:		#			2,30.00	21,500.00	2030.00	21,700.00	T1200.00
Prelimin	nary Estimate								
Client: Leice:	estershire County Council Doc: Scenario 2b Cos	t Estimate							
	arnwood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota		15				
A50 / Len	na Drive Works for Road Lighting and Traffic Signs		(Cont	inued	d)				
Electrical	Electrical Works								
14.1.1	Allowance for the electrical works associated with traffic signals,	#	1	item	£20,000.00	£20,000.00	£20,000.00	£20,000.00	€0.00
	crossings and lighting column installation	#				.,		.,	
14.1.2	New electrical supply					Excluded			
Section Total:									
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support	t Estimate							
Code	Description Quantity U	nit Rate	Tota	ıl					
A50 / Len			(Cont		d)				
Design De	evelopment and Allowance for Unforeseen								
	Design Development								
60.1.1	Allowance for Design Development	#	20	%		£0.00	£0.00	£0.00	∌£ 0.00
	Allowance for Unforeseen	,							
60.2.1	Allowance for Unforeseen	#	20	%		£0.00	£0.00	£0.00	⇒ £0.00
Section Total:									
	nary Estimate estershire County Council Doc: Scenario 2b Cos								
LUPIU L PICE		t Estimate							
	arnwood Concept Local Plan Support	t Estimate							
			Tota	ıl					
Project: Char	arnwood Concept Local Plan Support Description Quantity U		Tota	ıl					
Project: Char Code	arnwood Concept Local Plan Support Description Quantity U OSSE Way		Tota	ıl					
Project: Char Code A607 / Fo	arnwood Concept Local Plan Support Description Quantity U OSSE Way		Tota	ıl					
Project: Char Code A607 / Fo Preliminar	arnwood Concept Local Plan Support Description Quantity U OSSE Way Iries Traffic Management Allowance for Traffic Management		Tota	ıl	7.97	£29,500.00		£39,825.00	↑ £10,325.00
Project: Char Code A607 / Fo Preliminar	arnwood Concept Local Plan Support Description Quantity U OSSE Way Iries Traffic Management Allowance for Traffic Management General Preliminaries								
Project: Char Code A607 / Fo Preliminar	arnwood Concept Local Plan Support Description Quantity U OSSE Way Irries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries			N	7.97 £231,147.50		£503,191.84		
Project: Char Code A607 / Fc Preliminar 1.1.1 1.2.1 Section Total:	arnwood Concept Local Plan Support Description Quantity U OSSE Way Lifes Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648						£503,191.84		
Project: Char Code A607 / Fo Preliminal 1.1.1.1 1.2.1 Section Total: Prelimin	arnwood Concept Local Plan Support Description Quantity U osse Way tries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 hary Estimate	nit Rate					£503,191.84		
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin Client: Leice:	arnwood Concept Local Plan Support Description Quantity U OSSE Way Lifes Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648	nit Rate					£503,191.84		
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin Client: Leice: Project: Char	rrivood Concept Local Plan Support Description Quantity U osse Way Iries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 hary Estimate estershire County Council Doc: Scenario 2b Cos	nit Rate		%			£503,191.84		
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin. Client: Leice: Project: Char Code A607 / Fo	arnwood Concept Local Plan Support Description Quantity U OSSE Way Liries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries E 260,648 hary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U OSSE Way	nit Rate	0	%	£231,147.50		£503,191.84		↑ £10,325.00 ↓ -£29,871.20
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin Client: Leice: Project: Char Code A607 / Fo	arnwood Concept Local Plan Support Description Quantity U OSSE Way Irries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 hary Estimate estershire County Council Doc: Scenario 2b Cos urrwood Concept Local Plan Support Description Quantity U OSSE Way rance	nit Rate	0 Tota	%	£231,147.50		£503,191.84		
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin Client: Leice: Project: Char Code A607 / Fo Site Clears	rarnwood Concept Local Plan Support Description Quantity U OSSE Way Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 nary Estimate setershire County Council Doc: Scenario 2b Costarrwood Concept Local Plan Support Description Quantity U OSSE Way France Site Clearance	nit Rate	Tota (Cont	%	£231,147.50	£231,148.00	·	£201,276.74	↓ -£29,871.20
Project: Chan Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin Client: Leice: Project: Chan Code A607 / Fo Site Clear 2.1.1	rarnwood Concept Local Plan Support Description Quantity U OSSE Way Tries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries 260,648 nary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity U OSSE Way Trance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs	nit Rate	Tota (Cont	%	£231,147.50 d)	£231,148.00	£12.00	£201,276.74	↓ -£29,871.2
Project: Char Code A607 / Fo Preliminar 1.1.1 Section Total: Prelimin. Client: Leice Project: Char Code A607 / Fo Site Clear:	Transpood Concept Local Plan Support Description OSSE Way Iries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries 260,648 Dary Estimate Estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity U OSSE Way Fance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site	nit Rate	0 Tota (Cont	% Il iinue	£231,147.50 d) £10.00 £35.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.20
Project: Char Code A607 / Fo Preliminar 1.1.1.1 Section Total: Prelimin. Client: Leice: Project: Char Code A607 / Fo Site Clear: 2.1.1.1 2.1.2 2.1.3	arnwood Concept Local Plan Support Description Quantity U OSSE Way Iries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 Mary Estimate estershire County Council Doc: Scenario 2b Costarrwood Concept Local Plan Support Description Quantity U OSSE Way rance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site	nit Rate	0 Tota (Cont	%	£231,147.50 d)	£231,148.00	£12.00	£201,276.74	↓ -£29,871.20
Project: Char Code A607 / Fc Preliminal 1.1.1 1.2.1 Section Total: Prelimin Code A607 / Fc Site Clear: 2.1.1 2.1.1 2.1.2 2.1.3 Section Total:	Arriwood Concept Local Plan Support Description OSSE Way Irries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries 260,648 Mary Estimate Description Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Quantity U OSSE Way France Site Clearance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site	nit Rate	0 Tota (Cont	% Il iinue	£231,147.50 d) £10.00 £35.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.20
Project: Chan Code A607 / Fc Preliminal 1.1.1 1.2.1 1.2.1 Section Total: Prelimin Code A607 / Fc Site Clears 2.1.1 2.1.1 2.1.1 2.1.2 2.1.3 Section Total: Prelimin	arnwood Concept Local Plan Support Description Quantity U OSSE Way Iries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 Mary Estimate estershire County Council Doc: Scenario 2b Costarrwood Concept Local Plan Support Description Quantity U OSSE Way rance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site	## t Estimate nit Rate	0 Tota (Cont	% Il iinue	£231,147.50 d) £10.00 £35.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.20
Project: Chan Code A607 / Fc Prelimina 1.1.1 1.2.1 Section Total: Prelimin Client: Leice: Project: Chan Code A607 / Fc Site Clears 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Client: Leice:	rarnwood Concept Local Plan Support Description Quantity U OSSE Way Tries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries 260,648 Dary Estimate Estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U OSSE Way France Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site 2,980 Dary Estimate Estershire County Council Doc: Scenario 2b Cos Barry Estimate Estershire County Council Doc: Scenario 2b Cos Barry Estimate Doc: Scenario 2b Cos Doc:	######################################	0 Tota (Cont	% Il iinue	£231,147.50 d) £10.00 £35.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.2
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin. Client: Leice: Project: Char Code A607 / Fo Site Clear: 2.1.1 2.1.2 2.1.3 Section Total: Prelimin. Client: Leice: Project: Char Code Code Code	Arriwood Concept Local Plan Support Description OSSE Way Tries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries Preliminaries Description OSSE Way For County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support Description OSSE Way For County For County Council Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site Expenditure County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support Description OSSE Way Cance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of traffic signs to store off site Description OSSE Way Countity U OSSE Way Co	######################################	0 Tota (Cont	% % % % % % % % % % % % % % % % % % %	£231,147.50 d) £10.00 £35.00 £1,000.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.2 ↑ £354.00 ↑ £330.00
Project: Char Code AGO7 / Fc Preliminal 1.1.1 1.2.1 Section Total: Prelimin. Code AGO7 / Fc Site Clear: 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Code AGO7 / Fc Code Code AGO7 / Fc Code Code Code AGO7 / Fc Code Code AGO7 / Fc Code Code AGO7 / Fc Code AGO7 / Fc	Arriwood Concept Local Plan Support Description OSSE Way DESCRIPTION OSSE Way Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries Preliminaries Preliminaries Doc: Scenario 2b Costarriwood Concept Local Plan Support Description OSSE Way Cance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site 2,980 Bary Estimate Setershire County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Quantity Usosse Way	######################################	0 Tota (Cont	% % % % % % % % % % % % % % % % % % %	£231,147.50 d) £10.00 £35.00 £1,000.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.2 ↑ £354.00 ↑ £330.00
Project: Chan Code AGO7 / Fc Preliminal 1.1.1 1.2.1 Section Total: Prelimin. Code AGO7 / Fc Site Clear: 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Code Code Code Code Code Code Code Code	Arriwood Concept Local Plan Support Description OSSSE Way Irries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries 260,648 Mary Estimate estershire County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Quantity U OSSE Way France Site Clearance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for removal of traffic signs to store off site 2,980 Mary Estimate stershire County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Quantity U OSSE Way Allowance for Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Quantity U OSSE Way ks	######################################	0 Tota (Cont	% % % % % % % % % % % % % % % % % % %	£231,147.50 d) £10.00 £35.00 £1,000.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00	↓ -£29,871.2 ↑ £354.00 ↑ £330.00
Project: Char Code A607 / Fc Preliminal 1.1.1 1.2.1 1.2.1 Section Total: Prelimin Code A607 / Fc Site Clear: 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Client: Leice Project: Char Code A607 / Fc Code A607 / Fc Code A607 / Fc Code	arnwood Concept Local Plan Support Description OSSE Way UTIES Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries Preliminaries E 260,648 Description OSSE Way Prance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for memoval of traffic signs to store off site E 2,980 DATY Estimate Estershire County Council Doc: Scenario 2b Cost Doc	######################################	0 Tota (Cont	%	£231,147.50 d) £10.00 £35.00 £1,000.00	£1,770.00 £1,000.00	£12.00 £90.00 £1,000.00	£201,276.74 £2,124.00 £540.00 £1,000.00	↑£354.00 ↑£350.00 >£0.00
Project: Char Code A607 / Fc Preliminal 1.1.1 1.2.1 1.2.1 Section Total: Prelimin Code A607 / Fc Site Clears 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Client: Leice Project: Char Code A607 / Fc Code A607 / Fc	Allowance for the removal of existing bollards to tip off site Allowance for removal of existing bollards to tip off site Allowance for removal of existing bollards to tip off site Allowance for Traffic Management General Preliminaries Preliminaries 260,648 Nary Estimate Setershire County Council Doc: Scenario 2b Cost Arriwood Concept Local Plan Support Description Quantity U OSSE Way France Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for removal of traffic signs to store off site 2,980 Nary Estimate Setershire County Council Doc: Scenario 2b Cost Allowance for removal of traffic signs to store off site 2,980 Nary Estimate Setershire County Council Doc: Scenario 2b Cost Aurowood Concept Local Plan Support Description Quantity U OSSE Way ks General Excavation Excavation of acceptable material Class 5A; using backacters and	######################################	0 Tota (Cont	% % % % % % % % % % % % % % % % % % %	£231,147.50 d) £10.00 £35.00 £1,000.00	£231,148.00	£12.00	£201,276.74 £2,124.00 £540.00 £1,000.00	↓ -£29,871.20
Project: Char Code A607 / Fc Preliminal 1.1.1 1.2.1 1.2.1 Section Total: Prelimin Code A607 / Fc Site Clear: 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Client: Leice Project: Char Code A607 / Fc Code A607 / Fc Code A607 / Fc Code	arnwood Concept Local Plan Support Description OSSE Way UTIES Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries Preliminaries E 260,648 Description OSSE Way Prance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for memoval of traffic signs to store off site E 2,980 DATY Estimate Estershire County Council Doc: Scenario 2b Cost Doc	######################################	0 Tota (Cont	%	£231,147.50 d) £10.00 £35.00 £1,000.00	£1,770.00 £1,000.00	£12.00 £90.00 £1,000.00	£201,276.74 £2,124.00 £540.00 £1,000.00	↑£354.00 ↑£350.00 >£0.00
Project: Char Code A607 / Fo Preliminar 1.1.1 1.2.1 Section Total: Prelimin Client: Leice: Project: Char Code A607 / Fo Site Clear 2.1.1 2.1.2 2.1.3 Section Total: Prelimin Client: Leice:	arnwood Concept Local Plan Support Description Oosse Way Tries Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries Preliminaries Preliminaries Doc: Scenario 2b Cos Arnwood Concept Local Plan Support Description Oosse Way Take up or down and remove to tip off site; precast concrete kerbs Allowance for the removal of existing bollards to tip off site Allowance for the removal of traffic signs to store off site 2,980 Tary Estimate Estershire County Council Doc: Scenario 2b Cos Allowance for the removal of existing bollards to tip off site Allowance for the removal of traffic signs to store off site 2,980 Tary Estimate Estershire County Council Doc: Scenario 2b Cos Arnwood Concept Local Plan Support Description Quantity U Oosse Way Ks General Excavation Excavation of acceptable material Class 5A; using backacters and tractor loaders n.e 3.0m deep	######################################	0 Tota (Cont	%	£231,147.50 d) £10.00 £35.00 £1,000.00	£1,770.00 £1,000.00	£12.00 £90.00 £1,000.00	£201,276.74 £2,124.00 £540.00 £1,000.00	↑£354.00 ↑£350.00 >£0.00

	material						
	Disposal of Excavated Material to Tip	,					
.3.1	Disposal of unacceptable non hazardous material	#	3 m3	£100.00	£300.00	£130.43	£391.29
ection Total							
	nary Estimate cestershire County Council Doc: Scenario 2b	Cost Estimate					
	narnwood Concept Local Plan Support	Cost Estimate					
Code		Unit Rate	Total				
	Fosse Way		(Continued	d)			
Kerbs, Fo	ootways and Paved Areas						
	Proposed Kerbing	#					
11.1.1	Foundations to kerbs; mass concrete; 200x100mm	#	251 m	£15.00	£3,720.00	£15.00	£3,765.00 1 £45.00
11.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius	#	251 m	£40.00	£9,920.00	£40.00	£10,040.00
Section Total						Į.	
Prelimi	nary Estimate						
	cestershire County Council Doc: Scenario 2b	Cost Estimate					
	narnwood Concept Local Plan Support	. Umit Data	Tatal				
Code	Description Quantity Fosse Way	Unit Rate	Total (Continued	1)			
	igns and Road Markings		(Continued	1)			
	Road Markings						
12.1.1	Allowance for relining of road	#	1 item	£2,500.00	£2,500.00	£2,500,00	£2,500.00 \$\infty\$£0.00
12.1.2	Allowance for removal of existing lining	# #	1 item	£2,500.00	£2,500.00	£2,500.00	£2,500.00 \$\frac{1}{2}\$£0.00
	Toucan Crossings	#					
12.2.1	Allowance for toucan crossings including markings, tactiles, beacons,	#	8 nr	£50,000.00	£400,000.00	£55,000.00	£440,000.00
	lights and signs						
12.3.1	Traffic Signage and Bollards Allowance for reinstatement of existing traffic signage	#	1 item	£1,000.00	£1,000,00	61,000,00	C1 000 00 00 00 00
12.3.1	Illuminated bollards fixed to concrete base	#	8 nr	£750.00	£1,000.00 £6,000.00	£1,000.00 £850.00	£1,000.00 \$\(\frac{\pma}{2}\)£0.00 \$\(\frac{\pma}{2}\)£800.00
Section Total		#	8 111	1730.00	10,000.00	1830.00	10,800.00
	nary Estimate						
	cestershire County Council Doc: Scenario 2b	Cost Estimate					
Project: Ch	narnwood Concept Local Plan Support						
Code		Unit Rate	Total				
	Fosse Way		(Continued	d)			
Electrica	ll Works for Road Lighting and Traffic Signs						
14.1.1	Electrical Works	#	1 item	£30,000.00	£30,000.00	£30,000.00	£30,000.00 ⇒£0.00
14.1.1	Allowance for the electrical works associated with traffic signals, crossings and lighting column installation	#	i item	130,000.00	150,000.00	£30,000.00	250,000.00
14.1.2	New electrical supply				Excluded	Excluded	
Section Total	il: 30,000						
Prelimi	nary Estimate						
Prelimii Client: Leic	nary Estimate cestershire County Council Doc: Scenario 2b	Cost Estimate					
Prelimii Client: Leic Project: Ch	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support		Total				
Prelimii Client: Leic Project: Ch Code	nary Estimate cestershire County Council narnwood Concept Local Plan Support Description Quantity	Cost Estimate Unit Rate	Total (Continued	1)			
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Prelimin Client: Leic Project: Ch Code A607 / F	nary Estimate cestershire County Council parnwood Concept Local Plan Support Description Description Quantity Fosse Way			4)			
Prelimii Client: Leic Project: Ch Code A607 / F	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway			f1,500.00	£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscap	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill	Unit Rate	(Continued		£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscal	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500	Unit Rate	(Continued		£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimii	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate	Unit Rate	(Continued		£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimin Client: Leic Project: Ch Code A607 / F Landscap 30.1.1 Section Total Prelimin Client: Leic	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate	Unit Rate	(Continued		£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimin Client: Leic Project: Ch Code A607 / F Landscap 30.1.1 Section Total Prelimin Client: Leic	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support	Unit Rate	(Continued		£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimii Client: Leic Project: Ch Code A607 / F	nary Estimate cestershire County Council Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill 1: 1,500 nary Estimate cestershire County Council Description Description Quantity Fosse Way	Unit Rate	(Continued	£1,500.00	£1,500.00	£1,500.00	£1,500.00 \$\rightarrow\$£0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimii Client: Leic Project: Ch Code A607 / F	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity	Unit Rate	(Continued	£1,500.00	£1,500.00	£1,500.00	£1,500.00 \$\infty\$£0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimii Client: Leic Project: Ch Code A607 / F Design E	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development	Cost Estimate Unit Rate	(Continued 1 item Total (Continued	£1,500.00			
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Prelimit Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimit Client: Leic Project: Ch Code A607 / F Design E	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill i: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Design Development	Cost Estimate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimit Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimit Client: Leic Project: Ch Code A607 / F Design E	nary Estimate cestershire County Council Description Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen	Cost Estimate Unit Rate	(Continued 1 item Total (Continued	£1,500.00			
Prelimin Client: Leic Project: Ch Code A607 / F Landscal 30.1.1 Section Total Prelimin Client: Leic Project: Ch Code A607 / F Design E 60.1.1	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill di: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Less 289,177	Cost Estimate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscal 30.1.1 Section Total Prelimii Client: Leic Project: Ch Code A607 / F Design E 60.1.1 60.2.1 Section Total Prelimii	nary Estimate cestershire County Council Description Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill al: 1,500 nary Estimate cestershire County Council Description Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Lesses Sign Development Allowance for Unforeseen Allowance for Unforeseen Lesses Sign Development Lesses	Cost Estimate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimin Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimin Client: Leic Project: Ch Code A607 / F Design E 60.1.1 Section Total Prelimin Gient: Leic F Design E	nary Estimate cestershire County Council Doc: Scenario 2b narrwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill al: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narrwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Little 289,177 nary Estimate	Cost Estimate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimii Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimii Client: Leic Project: Ch Code A607 / F Design E 60.1.1 Section Total Prelimii Client: Leic Project: Ch Code Client: Leic Check Code	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill di: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen di: 289,177 nary Estimate cestershire County Council Doc: Scenario 2b	Cost Estimate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimit Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimit Client: Leic Project: Ch Code A607 / F Design E 60.1.1 60.2.1 Section Total Prelimit Client: Leic Project: Ch Code A6004 E	nary Estimate cestershire County Council Description Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill bit 1,500 nary Estimate cestershire County Council Description Description Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen at 289,177 nary Estimate cestershire County Council Description Description Quantity Fosse Way Development Allowance for Unforeseen Design Development Allowance for Unforeseen Description Doc: Scenario 2b Council Description Quantity Decorption Doc: Scenario 2b Council Description Doc: Scenario 2b Council Doc: Sce	Cost Estimate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimit Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimit Client: Leic Project: Ch Code A607 / F Design E 60.1.1 60.2.1 Section Total Prelimit Client: Leic Project: Ch Code A6004 E	nary Estimate cestershire County Council Description Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill in 1,500 nary Estimate cestershire County Council Description Description Description Quantity Fosse Way Development and Allowance for Unforeseen Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Lic 289,177 nary Estimate cestershire County Council Design Development Allowance for Unforeseen Description Doc: Scenario 2b County Council Description Quantity Council Description Quantity Council Description Council Descrip	Cost Estimate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimin Client: Leic Project: Ch Code A607 / F Landscal 30.1.1 Section Total Prelimin Client: Leic Project: Ch Code A607 / F Design E 60.1.1 Frelimin Client: Leic Project: Ch Code A6004 E Prelimin	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill di: 1,500 nary Estimate Cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Local Plan Support Description Description Description Quantity Description Quantity Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Description Quantity Epinal Way / Alan Moss Road aries Traffic Management	Cost Estimate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	£0.00 →£0.00 £0.00 →£0.00
Prelimin Client: Leic Project: Ch Code A607 / F Landscal 30.1.1 Section Total Prelimin Client: Leic Project: Ch Code A607 / F Design E 60.1.1 Section Total Prelimin Client: Leic Project: Ch Code A6004 E Prelimin	nary Estimate cestershire County Council Description Description Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Unforeseen Allowance for Unforeseen Description Quantity Fosse Way Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Description Quantity Fosse Way Traffic Management Allowance for Traffic Management	Cost Estimate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	€0.00
Prelimin Client: Leic Project: Ch Code A607 / F Landscal 30.1.1 Section Total Prelimin Client: Leic Project: Ch Code A607 / F Design E 60.1.1 Prelimin Client: Leic Project: Ch Code A607 / F Code A607 / F Code Code A607 / F Code A607 / F Code Code A607 / F Code A607 /	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Description Concept Local Plan Support Description Description Quantity Fosse Way Development Allowance for Unforeseen Design Development Allowance for Unforeseen Design Development Allowance for Unforeseen Description Concept Local Plan Support Description Description Quantity Formal Way / Alan Moss Road Aries Traffic Management Allowance for Traffic Management General Preliminaries	Cost Estimate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 % Total	£1,500.00	£0.00 £0.00	£0.00	£0.00 →£0.00 £0.00 →£0.00
Prelimin: Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimin: Client: Leic Project: Ch Code A607 / F Design E 60.2.1 Section Total Prelimin: Client: Leic Project: Ch Code A6004 E Prelimin: 1.1.1	nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill i: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Description Quantity Fosse Way Testimate Cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Topical Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Traffic Management Allowance for Traffic Management General Preliminaries Preliminaries	Cost Estimate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 %	£1,500.00	£0.00	£0.00	£0.00 →£0.00 £0.00 →£0.00
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Prelimin Client: Leic Project: Ch Code A607 / F Landscaj 30.1.1 Section Total Prelimin Client: Leic Project: Ch Code A607 / F Design E 60.1.1 60.2.1 Section Total Prelimin Client: Leic Project: Ch Code A6004 E Prelimin: 1.1.1 Section Total Prelimin:	nary Estimate cestershire County Council Description Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill it: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Fosse Way Development and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen Description Concept Local Plan Support Description Design Development Allowance for Unforeseen Allowance for Unforeseen Traffic Management Cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Cepinal Way / Alan Moss Road aries Traffic Management Ceneral Preliminaries Preliminaries Lite 126,200 nary Estimate	Cost Estimate Unit Rate Unit Rate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 % Total	£1,500.00	£0.00 £0.00	£0.00	£0.00 →£0.00 £0.00 →£0.00
Prelimit Client: Leic Project: Ch Code A607 / F Landscal 30.1.1 Section Total Prelimit Client: Leic Project: Ch Code A607 / F Design E 60.1.1 Frelimit Client: Leic Project: Ch Code A6004 E Prelimit 1.1.1 Section Total Prelimit Client: Leic Project: Ch Code A6004 E Prelimit Client: Leic Project: Ch Code A6004 E Prelimit Client: Leic Prelimit Client: Leic	nary Estimate cestershire County Council Description Description Quantity Fosse Way pe and Ecology Landscaping and Ecology Allowance for planting and seeding works associated with carriageway realignment including imported fill di: 1,500 nary Estimate cestershire County Council Doc: Scenario 2b narnwood Concept Local Plan Support Description Quantity Design Development Allowance for Unforeseen Allowance for Unforeseen Allowance for Unforeseen Design Development Allowance for Unforeseen Description Topical Plan Support Description Quantity Description Allowance for Unforeseen Traffic Management Allowance for Unforesen Description Quantity Description Quantity Description Quantity Description Quantity Description Poscription Quantity Description Quantity Description Poscription Quantity Description Description Poscription Poscription Quantity Description Poscription Posc	Cost Estimate Unit Rate Unit Rate Unit Rate Unit Rate Unit Rate	(Continued Total (Continued 20 % Total	£1,500.00	£0.00 £0.00	£0.00	£0.00 →£0.00 £0.00 →£0.00

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	Site Clearance	#	70		610.00	6700.00	612.00	5025.00	A 0450
1.1	Take up or down and remove to tip off site; precast concrete kerbs Take down and remove to tip off site; lighting column including	#		m nr	£10.00	£780.00 £250.00	£12.00		№ £156.0 → £0.00
.2	bracket arm and lantern; 10m high	#	· '	"	2230.00	1230.00	1230.00	1230.00	2 LU.UU
.3	Allowance for removal of traffic signs to store off site	#	1	item	£500.00	£500.00	£500.00	£500.00	→ £0.00
tion Total									
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
oject: Cn ode	arnwood Concept Local Plan Support Description Quantity U	nit Dato	Tota	, I					
	pinal Way / Alan Moss Road	iiit Kate		tinued)					
	and Service Ducts		(COII	tillucu)					
	Surface Water Drainage								
.1	Allowance for surface water drainage alterations	#	495	m2	£35.00	£16,835.00	£40.00	£19,800.00	♠ £2.96
tion Total		#		l	<u>'</u>		· ·	-	
relimii	nary Estimate								
ient: Leic	estershire County Council Doc: Scenario 2b Cos	t Estimate							
-	arnwood Concept Local Plan Support								
ode	Description Quantity U	nit Rate	Tota						
	pinal Way / Alan Moss Road		(Con	tinued)					
arthwor					Т				
	General Excavation	#			500.00		50.50		J . coa
1.1	Excavation of acceptable material Class 5A; using backacters and tractor loaders n.e 3.0m deep	#	8	m3	£20.00	£160.00	£9.59	£76.72	↓ -£83.
.2	Excavation of acceptable material excluding 5A; using backacters and	#	32	m3	£40.00	£1,280.00	£35.00	£1,120.00	₩ -£160
	tractor loaders n.e 3.0m deep	#							
	Hard Excavation	#							
2.1	General excavation using backacters; Extra over excavation for	#	181	m3	£200.00	£36,200.00	£200.00	£36,200.00	⇒£0.00
	excavation in cutting and other excavation for excavation in hard material								
2.2	Extra over allowance for inefficiency	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	→£0 00
	Disposal of Excavated Material to Tip	#				,	20,000.00		2 L0.00
3.1	Disposal of topsoil (5A)	#	8	m3	£50.00	£400.00	£46.00	£368.00	4 -£32
3.2	Disposable of acceptable material excluding class 5A	#		m3	£50.00	£1,600.00	£46.00	£1,472.00	-
3.3	Disposal of unacceptable non hazardous material	#		m3	£100.00	£18,100.00	£130.43	£23,607.83	1
	62,740	#							
relimii ient: Leic oject: Ch	nary Estimate estershire County Council poc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity U		Tota	al					
relimii ient: Leic oject: Ch ode 6004 E	nary Estimate estershire County Council arnwood Concept Local Plan Support Description Des			al tinued)					
relimii ient: Leic oject: Ch ode 6004 E	nary Estimate estershire County Council Doc: Scenario 2b Cost arnwood Concept Local Plan Support Description Quantity Ut pinal Way / Alan Moss Road ts								
relimii ient: Leic oject: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cost arnwood Concept Local Plan Support Description Quantity United States Cost pinal Way / Alan Moss Road ts Proposed Road Works		(Con	tinued)	£70.00	£5.040.00	£55.00	f4.793.25	J -F246
relimii ient: Leic oject: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cost arnwood Concept Local Plan Support Description Quantity Unional Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep		(Con	tinued)	£70.00	£5,040.00 £19,240.00	£55.00 £40.00	£4,793.25	
relimii ient: Leic oject: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity Un pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep		(Con	m3 m2	£40.00	£19,240.00	£40.00	£23,240.00	↑ £4,00
relimii ient: Leic object: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity United States Stat		(Con	m3 m2 m2	£40.00 £35.00	£19,240.00 £16,835.00	£40.00 £36.50	£23,240.00 £21,206.50	♠£4,00
relimii ient: Leico oject: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Ui pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep		(Con	m3 m2 m2 m2 m2	£40.00 £35.00 £30.00	£19,240.00 £16,835.00 £30,210.00	£40.00 £36.50 £25.50	£23,240.00 £21,206.50 £29,631.00	♠£4,00 ♠£4,33 ♣-£579
relimii ient: Leico oject: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Ui pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working		(Con	m3 m2 m2	£40.00 £35.00	£19,240.00 £16,835.00	£40.00 £36.50	£23,240.00 £21,206.50	♠£4,00 ♠£4,37 ♣-£579
relimii ent: Leico oject: Ch ode 5004 E evemen	nary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Ui pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas		(Con 87 581 581 1,162	m3 m2 m2 item	£40.00 £35.00 £30.00 £10,000.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00	£40.00 £36.50 £25.50 £10,000.00	f23,240.00 f21,206.50 f29,631.00 f10,000.00	♠£4,00 ♠£4,3° ♣-£57° ⊕£0.00
relimii ient: Leic oject: Ch ode 6004 E avemen	nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity United States of S		(Con	m3 m2 m2 item	£40.00 £35.00 £30.00	£19,240.00 £16,835.00 £30,210.00	£40.00 £36.50 £25.50	£23,240.00 £21,206.50 £29,631.00	♠£4,00 ♠£4,33 ♣-£579 ♣£0.00
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lient: Leicroject: Ch code .6004 E avemen 1.1 1.2 1.3 1.4 1.5 2.1 cction Total relimin lient: Leicroject: Characteristics	nary Estimate estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support Description Quantity Use pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 97,105	nit Rate	(Con 87 581 581 1,162	m3 m2 m2 item	£40.00 £35.00 £30.00 £10,000.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00	£40.00 £36.50 £25.50 £10,000.00	f23,240.00 f21,206.50 f29,631.00 f10,000.00	♠£4,00 ♠£4,37 ♣-£579 ♣£0.00
relimii ient: Leic ioject: Ch ode 6004 E avemen 1.1 1.2 1.3 1.4 1.5 2.1 ction Total ient: Leic	pary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Use pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 97,105 pary Estimate estershire County Council Doc: Scenario 2b Cos	######################################	(Con 87 581 581 1,162	m3 m2 m2 m2 ltem m2	£40.00 £35.00 £30.00 £10,000.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00	£40.00 £36.50 £25.50 £10,000.00	f23,240.00 f21,206.50 f29,631.00 f10,000.00	♠£4,00 ♠£4,37 ♦-£579 ⊕£0.00
relimii ient: Leic oject: Ch ode 6004 E avemen 1.1 1.2 1.3 1.4 1.5 2.1 ction Total ient: Leic oject: Ch ode	pary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Un pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 97,105 Pary Estimate estershire County Council Doc: Scenario 2b Costarrowood Concept Local Plan Support	######################################	(Con 87 581 581 1,162 1 480	m3 m2 m2 m2 ltem m2	£40.00 £35.00 £30.00 £10,000.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00	£40.00 £36.50 £25.50 £10,000.00	f23,240.00 f21,206.50 f29,631.00 f10,000.00	♠£4,00 ♠£4,37 ♦-£579 ⊕£0.00
relimii ient: Leic oject: Ch ode 6004 E avemen 1.1 1.2 1.3 1.4 1.5	pary Estimate estershire County Council Doc: Scenario 2b Cosing armwood Concept Local Plan Support Description Quantity Use Discription Quantity Use Scenario 2b Cosing Proposed Road Works Proposed Road Works Proposed Road Works	######################################	(Con 87 581 581 1,162 1 480	m3 m2 m2 m2 item m2	£40.00 £35.00 £30.00 £10,000.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00	£40.00 £36.50 £25.50 £10,000.00	f23,240.00 f21,206.50 f29,631.00 f10,000.00	♠£4,00 ♠£4,37 ♦-£579 ⊕£0.00
relimii ient: Leic oject: Ch ode 6004 E avemen 1.1 1.2 1.3 1.4 1.5	nary Estimate estershire County Council Doc: Scenario 2b Costernio 2b	######################################	(Con 87 581 581 1,162 1 480	m3 m2 m2 m2 item m2	£40.00 £35.00 £30.00 £10,000.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00	£40.00 £36.50 £25.50 £10,000.00	f23,240.00 f21,206.50 f29,631.00 f10,000.00	♠£4,00 ♠£4,37 ♦-£579 ⊕£0.00
reliminitient: Leicoject: Chode 6004 Eavemen 1.1 1.2 1.3 1.4 1.5 2.1 1.ttion Total reliminitient: Leicoject: Chode 6004 Eerbs, Fo	nary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Use pinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface : 97,105 nary Estimate estershire County Council Doc: Scenario 2b Cos armwood Concept Local Plan Support Description Quantity Use pinal Way / Alan Moss Road potways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm	######################################	(Con 87 581 581 1,162 1 1 480 Con 78 78	tinued) m3 m2 m2 m2 m2 item m2 tinued)	£40.00 £35.00 £30.00 £10,000.00 £30.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00 £15,780.00	£40.00 £36.50 £25.50 £10,000.00 £25.00	£23,240.00 £21,206.50 £29,631.00 £10,000.00 £12,000.00	↑£4,00 ↑£4,37 ↓ -£579 →£0.00 ↓ -£3,7
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reliminitient: Leicoject: Chode 6004 Eavemen 1.1 1.2 1.3 1.4 1.5 2.1 ction Total reliminitient: Leicoject: Chode 6004 E erbs, Fo	pary Estimate estershire County Council posc: Scenario 2b Cos armwood Concept Local Plan Support Description poinal Way / Alan Moss Road ts Proposed Road Works Granular material; subbase spread and graded; 150mm deep Base course; dense tarmacadam; 150mm deep Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working Planing off to surrounding areas Cold milling pavement; 40mm deep; scarifying surface 97,105 nary Estimate estershire County Council posc; posciption Description Description Quantity Use poinal Way / Alan Moss Road cotways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x10mm Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius	######################################	(Con 877 581 581 1,162 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tinued) m3 m2 m2 m2 m2 item m2 tinued)	£40.00 £35.00 £30.00 £10,000.00 £30.00	£19,240.00 £16,835.00 £30,210.00 £10,000.00 £15,780.00	£40.00 £36.50 £25.50 £10,000.00 £25.00	£23,240.00 £21,206.50 £29,631.00 £10,000.00 £12,000.00	↑£4,00 ↑£4,37 ↓ -£579 →£0.00 ↓ -£3,7
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	arnwood Concept Local Plan Support Description Quantity U Dinal Way / Alan Moss Road hting Columns and Brackets, CCTV Masts and Cantilever		Tota (Con		ed)				
	Road Lighting Columns and Brackets								
3.1.1	Galvanized steel road lighting column with flange plate base (including all control gear, switching, fuses and internal wiring; 10.0m nominal height	#	1	nr	£1,200.00	£1,200.00	£1,900.00	£1,900.00	↑ £700.00
3.1.2	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm	#	1	nr	£800.00	£800.00	£900.00	£900.00	↑ £100.00
.1.3	Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns	#	1	nr	£900.00	£900.00	£1,000.00	£1,000.00	↑ £100.00
ection Total:									
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos arnwood Concept Local Plan Support	t Estimate							
Code	Description Quantity U	nit Rate	Tota	ıl					
	pinal Way / Alan Moss Road		(Con	tinue	ed)				
lectrical	Works for Road Lighting and Traffic Signs Electrical Works					1			1
4.1.1	Allowance for the electrical works associated with traffic signals,	# #	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	→ £0.00
	crossings and lighting column installation								
4.1.2 ection Total:	New electrical supply					Excluded	Excluded		
	nary Estimate								
	estershire County Council Doc: Scenario 2b Co	t Estimate							
-	arnwood Concept Local Plan Support	mie Dae	Tata						
Code 16004 Fr	Description Quantity U Dinal Way / Alan Moss Road	nit kat	Tota (Con		ad)				
	evelopment and Allowance for Unforeseen		(0011	tilluc	.u)				
	Design Development								
0.1.1	Allowance for Design Development	#	20	%		£0.00	£0.00	£0.00	≫ £0.00
	Allowance for Unforeseen	#							
0.2.1 ection Total:	Allowance for Unforeseen	#	20	%		£0.00	£0.00	£0.00	⇒ £0.00
	nary Estimate								
	estershire County Council Doc: Scenario 2b Co	t Estimate							
-	arnwood Concept Local Plan Support	:a D	T.4.						
Code	Description Quantity U	nit kat	Tota	ll .					
relimina	oinal Way / Beacon Road Iries								
		1	_	_					ı
	Traffic Management								
.1.1	Traffic Management Allowance for Traffic Management				8.24	£30,500.00		£41,175.00	↑ £10,675.
	Allowance for Traffic Management General Preliminaries	#							
.2.1	Allowance for Traffic Management General Preliminaries Preliminaries	#	0	%	8.24 £220,893.75			£41,175.00 £208,612.28	
.2.1 ection Total:	Allowance for Traffic Management General Preliminaries Preliminaries 251,394	#	0	%					
lient: Leice	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 hary Estimate estershire County Council Doc: Scenario 2b Cos	# #	0	%					
.2.1 ection Total: Prelimin Client: Leice Project: Cha	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 hary Estimate estershire County Council Doc: Scenario 2b Costarrowood Concept Local Plan Support								
.2.1 Prelimin Client: Leice roject: Cha	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 facty Estimate estershire County Council Doc: Scenario 2b Costarrowood Concept Local Plan Support Description Quantity U		e Tota	ıl	£220,893.75				
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.2.1 Prelimin Client: Leice Project: Cha Code A6004 Ep	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 arry Estimate estershire County Council Doc: Scenario 2b Costarrowood Concept Local Plan Support Description Quantity Uponal Way / Beacon Road		e Tota	ıl	£220,893.75				
.2.1 Prelimin Client: Leice Project: Cha Code A6004 Eg Site Clear	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 hary Estimate estershire County Council Doc: Scenario 2b Cost prinwood Concept Local Plan Support Description Quantity Unical Way / Beacon Road rance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs		e Tota (Cont	al inue	£220,893.75	£220,894.00	£521,530.70	£208,612.28	∳ -£12,281
.2.1 Prelimin lient: Leice roject: Cha Code A6004 Ep ite Clear	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 hary Estimate stershire County Council Doc: Scenario 2b Co: Allowance for Plan Support Description Quantity United Dinal Way / Beacon Road rance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal		Tota (Cont	inue	£220,893.75 d) £10.00 £250.00	£220,894.00 £1,320.00 £250.00	£521,530.70	£208,612.28 £1,584.00 £250.00	↓ -£12,281 ↑ £264.00 ⇒ £0.00
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.2.1 ection Total: Prelimin liient: Leice roject: Cha Code A6004 Ep itte Clear .1.1 .1.2 .1.3 ection Total:	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 arry Estimate estershire County Council Doc: Scenario 2b Costarnwood Concept Local Plan Support Description Quantity United Way / Beacon Road trance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal Allowance for removal of traffic signs to tip off site		Tota (Cont	inue	£220,893.75 d) £10.00 £250.00	£220,894.00 £1,320.00 £250.00	£521,530.70	£208,612.28 £1,584.00 £250.00	↓ -£12,281 ↑ £264.00 ⇒ £0.00
.2.1 Prelimin Client: Leice Project: Cha Code A6004 Ep Gite Clear L1.1 L1.2 L1.3 Prelimin Client: Leice	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 Contract Extracte Contracte County Council Concept Local Plan Support Description Description Description Quantity Understand Concept Local Plan Support Description Dinal Way / Beacon Road Concept Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal Allowance for removal of traffic signs to tip off site 2,070 Concept Stimate Estershire County Council Doc: Scenario 2b Concept Council Doc: Scenario 2b Concept Council	nit Rate	Tota (Cont	inue	£220,893.75 d) £10.00 £250.00	£220,894.00 £1,320.00 £250.00	£521,530.70	£208,612.28 £1,584.00 £250.00	↓ -£12,281 ↑ £264.00 ⇒ £0.00
.2.1 ection Total: Prelimin client: Leice Code A6004 Ep Site Clean .1.1 .1.2 .1.3 Prelimin Client: Leice Croject: Cha	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 hary Estimate estershire County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support Description Quantity Understance Site Clearance Take up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal Allowance for removal of traffic signs to tip off site 2,070 hary Estimate estershire County Council Doc: Scenario 2b Costarriwood Concept Local Plan Support	nit Rate	2 Tota (Cont	inue m item item	£220,893.75 d) £10.00 £250.00	£220,894.00 £1,320.00 £250.00	£521,530.70	£208,612.28 £1,584.00 £250.00	↓ -£12,281 ↑ £264.00 ⇒ £0.00
.2.1 ection Total: Prelimin lient: Leice Tode A6004 Ep Site Clear .1.1 .1.2 .1.3 ection Total: Prelimin lient: Leice Tode Code	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 Carry Estimate Estershire County Council Description Description Description Quantity Description Coinal Way / Beacon Road France Take up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal Allowance for removal of traffic signs to tip off site 2,070 Carry Estimate Estershire County Council Doc: Scenario 2b Contravious Concept Local Plan Support Description Quantity Description Quantity Description Quantity Description Quantity Description Quantity Description Description Quantity Description Description Doc: Scenario 2b Contravious Concept Local Plan Support Description Quantity Quantity Description Description	nit Rate	2 Tota (Cont	m item item	£220,893.75 d) £10.00 £250.00	£220,894.00 £1,320.00 £250.00	£521,530.70	£208,612.28 £1,584.00 £250.00	↓ -£12,281 ↑ £264.00 ⇒ £0.00
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.2.1 Prelimin Client: Leice Project: Cha Code A6004 Ep Code .1.1 .1.2 .1.3 ection Total: Prelimin Client: Leice Project: Cha Code A6004 Ep Code A6004 Ep	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 Carry Estimate Estershire County Council Description Description Description Quantity Description Coinal Way / Beacon Road France Take up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal Allowance for removal of traffic signs to tip off site 2,070 Carry Estimate Estershire County Council Doc: Scenario 2b Contravious Concept Local Plan Support Description Quantity Description Quantity Description Quantity Description Quantity Description Quantity Description Description Quantity Description Description Doc: Scenario 2b Contravious Concept Local Plan Support Description Quantity Quantity Description Description	nit Rate	2 Tota (Cont	m item item	£220,893.75 d) £10.00 £250.00	£220,894.00 £1,320.00 £250.00	£521,530.70	£208,612.28 £1,584.00 £250.00	-£12,281 ♠£264.00 ⇒£0.00
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.2.1 Prelimin ilient: Leice A6004 Ep ilient: Leice A1.1 .1.1 Prelimin ilient: Leice A6004 Ep code A6004 Ep	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 Mary Estimate Description Description Description Dinal Way / Beacon Road Farance Site Clearance Site Clearance Jake up or down and remove to tip off site; precast concrete kerbs Allowance for plant / vegetatation removal Allowance for removal of traffic signs to tip off site 2,070 Mary Estimate Description Doc: Scenario 2b Cost Doc: Scenario	nit Rate	Tota (Cont	m item item	£220,893.75 d) £10.00 £250.00 £500.00	£1,320.00 £250.00	£521,530.70 £12.00 £250.00	£208,612.28 £1,584.00 £250.00	↑£264.00 →£0.00 →£0.00
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.2.1 ection Total: Prelimin Client: Leice Project: Cha Code A6004 Ep Cite Clean .1.1 .1.2 .1.3 ection Total: Prelimin Client: Leice Project: Cha Code A6004 Ep Crainage .1.1 cetton Total: Prelimin Client: Leice Croject: Cha Code Code Code Code Code Code Code Code	Allowance for Traffic Management General Preliminaries Preliminaries 251,394 Doc: Scenario 2b Costarrio 2b	######################################	Tota (Cont	m item item m2	£220,893.75 d) £10.00 £250.00 £500.00	£220,894.00 £1,320.00 £250.00 £500.00	£521,530.70 £12.00 £250.00	£208,612.28 £1,584.00 £250.00 £500.00	↑£264.00 →£0.00
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	excavation in cutting and other excavation for excavation in hard material								
5.2.2	Extra over allowance for inefficiency	#	1	item	£10,000.00	£10,000.00	£10,000.00	£10,000.00	⇒ £0.00
	Disposal of Excavated Material to Tip								
.3.1	Disposal of topsoil (5A)	#	37	m3	£50.00	£1,850.00	£46.00	£1,702.00	↓ -£148.0
.3.2	Disposable of acceptable material excluding class 5A	#	103	m3	£50.00	£5,150.00	£46.00	£4,738.00	↓ -£412.0
.3.3	Disposal of unacceptable non hazardous material	#	293	m3	£100.00	£29,300.00	£130.43	£38,215.99	1 £8,915
	Imported Fill								
.4.1	Imported rock fill	#	337	m3	£60.00	£20,220.00	£72.00	£24,264.00	♠ £4,044.
ection Tota									
	inary Estimate								
	icestershire County Council Doc: Scenario 2b Cos	t Estimate							
roject: Cr Code	harnwood Concept Local Plan Support Description Quantity U	nit Data	Tota						
	Epinal Way / Beacon Road	IIIL Kale		inuec	17				
avemei			(COIII	inuec	1)				
aveniei	Proposed Road Works								
1.1.1	Granular material; subbase spread and graded; 150mm deep	#	176	m3	£70.00	£10,430.00	£55.00	£9,673.13	JL 5756 9
1.1.2	Base course; dense tarmacadam; 150mm deep	#	1,173	m2	£40.00	£39,800.00	£40.00	£46,900.00	1
1.1.3	Binder course; dense tarmacadam; 80mm deep	#	1,173	m2	£35.00	£34,825.00	£36.50		-
.1.4		#	2,345	m2	£30.00	£56,580.00	£25.50	£42,796.25	
.1.4	Surface course; rolled asphalt; 40mm deep	#	2,345	-	£15,000.00	£15,000.00	£15,000.00	£59,797.50	
.1.5	Allowance for night working	#		item	£15,000.00	£15,000.00	£15,000.00	£15,000.00	⇒£0.00
	Planing off to surrounding areas	#		-					
.2.1 ection Tota	Cold milling pavement; 40mm deep; scarifying surface al: 183,365	#	357	m2	£30.00	£26,730.00	£25.00	£8,925.00	₩-£17,80
	inary Estimate icestershire County Council Doc: Scenario 2b Cos	. F-1:1							
	harnwood Concept Local Plan Support	t Estillate							
Code	Description Quantity U	nit Rate	Tota	al					
	Epinal Way / Beacon Road			inuec	4)				
	Footways and Paved Areas		(-,				
	Proposed Kerbing								
1.1.1	Foundations to kerbs: mass concrete: 200x100mm	#	219	m	£15.00	£3,285.00	£15.00	£3,285.00	⇒ £0 00
1.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	219	-	£40.00	£8,760.00	£40.00	£8,760.00	
	exceeding 12m radius	*						·	
	Proposed Paving								
	Subbase to paved area; sloping not exceeding 10 degrees to the	#	247	m2	£20.00	£6,940.00	£35.00	£12,145.00	1 £5,205.
1.2.1		#	347						
	horizontal; 100mm thick hardcore	#							A co cze
	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and	#	347		£40.00	£13,880.00	£65.00	£22,555.00	♠ £8,675.
1.2.2	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick	# # #	347	m2	£40.00	£13,880.00			
1.2.2	horizontal; 100mm thick hardcore Pawed area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways	# # # #		m2			£65.00 £16.00		↑ £8,675. ↓ -£520.0
1.2.2 1.2.3 ection Tota	horizontal; 100mm thick hardcore Pawed area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465	# # #	347	m2	£40.00	£13,880.00			
11.2.2 11.2.3 Section Tota Prelimi	horizontal; 100mm thick hardcore Pawed area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways	# # # #	347	m2	£40.00	£13,880.00			
Client: Lei	horizontal; 100mm thick hardcore Pawed area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate	# # # # t Estimate	347	m2	£40.00	£13,880.00			
1.2.2 1.2.3 Section Tota Prelimi Client: Lei	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate destershire County Council Doc: Scenario 2b Cos		347	m2 m	£40.00	£13,880.00			
11.2.3 Frelimi Client: Lei- Project: Ch	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate destershire County Council Doc: Scenario 2b Costharnwood Concept Local Plan Support		347 130	m2 m	£40.00	£13,880.00			
11.2.2 Include the second of	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cosharnwood Concept Local Plan Support Description Quantity U		347 130	m2 m	£40.00	£13,880.00			
1.2.2 1.2.3 Prelimi Client: Leidroject: Ch	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate iccestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road		347 130	m2 m	£40.00	£13,880.00			
11.2.2 Include the second of	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings		347 130	m2 m	£40.00	£13,880.00			↓ -£520.0
11.2.2 11.2.3 Section Tota Prelimi Client: Lei Project: Ch Code A6004 E Traffic S	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings		347 130	m2 m	£40.00 £20.00	£13,880.00	£16.00	£2,080.00	∲ -£520.0
1.2.2 1.2.3 Prelimi Client: Lei Project: Ch Code A6004 E Fraffic S	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cos harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings Road Markings Allowance for relining of road		347 130	m2 m	£40.00 £20.00	£13,880.00	£16.00	£2,080.00	∲ -£520.0
1.2.2 1.2.3 Prelimi Client: Lei Project: Ch Code A6004 E Fraffic S	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cosharnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings Road Markings Allowance for relining of road Allowance for removal of existing markings		347 130 Tota (Cont	m2 m	£40.00 £20.00	£13,880.00	£16.00	£2,500.00	→ £5.20.00 → £0.00
1.2.2 1.2.3 ection Total Prelimi Client: Lei Project: CF Code A6004 E Fraffic S 2.1.1	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cosharnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings Road Markings Allowance for relining of road Allowance for removal of existing markings Traffic Signage and Bollards		347 130 Tota (Cont	m2 m	£2,500.00	£2,500.00	£16.00	£2,080.00	\$\rightarrow\$-£520.0 \$\rightarrow\$£0.00
1.2.2 1.2.3 ection Tota Prelimi Client: Lei Project: Ch Code A6004 E Fraffic S 2.1.1 2.1.2	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate icestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Gigns and Road Markings Road Markings Road Markings Allowance for relining of road Allowance for removal of existing markings Traffic Signage and Bollards Allowance for installation of new signage Toucan Crossings		347 130 Tota (Cont	m2 m	£2,500.00	£2,500.00	£16.00	£2,500.00 £2,500.00 £3,000.00	→£0.00 →£0.00
1.2.2 1.2.3 Section Tota Prelimi Client: Lei Project: Cr Code A6004 E Traffic S 2.1.1 2.1.2	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cosharnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings Road Markings Allowance for relining of road Allowance for removal of existing markings Traffic Signage and Bollards Allowance for installation of new signage Toucan Crossings Allowance for toucan crossings including markings, tactiles, beacons, lights and signs		347 130 Tota (Cont	m2 m al tinuec	£2,500.00 £2,500.00 £3,000.00	£2,500.00 £2,500.00 £2,500.00	£16.00 £2,500.00 £2,500.00	£2,500.00	♣£0.00 ♠£0.00 ♠£0.00
1.2.2 1.2.3 Section Tota Prelimi Client: Lei Project: Cr Code A6004 E Traffic S 2.1.1 2.1.2	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cosharnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Signs and Road Markings Road Markings Allowance for relining of road Allowance for removal of existing markings Traffic Signage and Bollards Allowance for installation of new signage Toucan Crossings Allowance for toucan crossings including markings, tactiles, beacons, lights and signs		347 130 Tota (Cont	m2 m al tinuec	£2,500.00 £2,500.00 £3,000.00	£2,500.00 £2,500.00 £2,500.00	£16.00 £2,500.00 £2,500.00	£2,500.00 £2,500.00 £3,000.00	→£0.00 →£0.00
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1.2.2 1.2.3 ection Tota Prelimi ilient: Lei- roject: Cl Code A6004 E 2.1.1 2.2.2.1 2.2.2.1 2.2.2.1 ection Tota Prelimi ilient: Lei- roject: Cl Code A6004 E Electrica 4.1.1 4.1.2 ection Tota Prelimi ilient: Lei- roject: Cl Code A6004 E	horizontal; 100mm thick hardcore Pawed area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate icestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Gigns and Road Markings Road Markings Allowance for relining of road Allowance for relining of road Allowance for installation of new signage Toucan Crossings Allowance for installation of new signage Toucan Crossings Allowance for toucan crossings including markings, tactiles, beacons, lights and signs al: 58,000 inary Estimate cestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road al Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply al: 4,000 inary Estimate cestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U	######################################	Tota (Cont	m2 m	£40.00 £20.00 £1,500.00 £2,500.00 £3,000.00 £50,000.00	£13,880.00 £2,600.00 £2,500.00 £3,000.00 £50,000.00	£2,500.00 £2,500.00 £3,000.00 £55,000.00	£2,500.00 £2,500.00 £3,000.00	♣£0.00 ♠£0.00 ♠£0.00 ♠£5,000
1.2.2 1.2.3 ection Tota Prelimi Ilient: Lei roject: Cl Code A6004 E 2.1.1 2.3.1 ection Tota Prelimi Ilient: Lei roject: Cl Code A6004 E A6004 E Code A6004 E	horizontal; 100mm thick hardcore Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick: Edging to footways al: 35,465 inary Estimate cestershire County Council Doc: Scenario 2b Cost harmood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Gigns and Road Markings Road Markings Allowance for relining of road Allowance for relining of road Allowance for installation of new signage Toucan Crossings Allowance for installation of new signage Toucan Crossings Allowance for toucan crossings including markings, tactiles, beacons, lights and signs al: 58,000 inary Estimate cestershire County Council Doc: Scenario 2b Cost harmwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road al Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply al: 4,000 inary Estimate cestershire County Council Doc: Scenario 2b Cost harmwood Concept Local Plan Support Description Quantity U	######################################	Tota (Cont	m2 m2 m1 item item item item item item item item	£40.00 £20.00 £1,500.00 £2,500.00 £3,000.00 £50,000.00	£2,500.00 £2,500.00 £2,500.00 £3,000.00 £4,000.00	£2,500.00 £2,500.00 £3,000.00 £55,000.00 £xcluded	£2,500.00 £2,500.00 £3,000.00 £55,000.00	→£0.00 →£0.00 →£0.00 ↑£5,000
1.2.2 1.2.3 ection Total relimition in the project: Clode (1.0 close) 2.1.1 2.1.2 2.2.1 2.2.1 2.3.1 3.3.1 3	horizontal; 100mm thick hardcore Pawed area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Edging to footways al: 35,465 inary Estimate icestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road Gigns and Road Markings Road Markings Allowance for relining of road Allowance for relining of road Allowance for installation of new signage Toucan Crossings Allowance for installation of new signage Toucan Crossings Allowance for toucan crossings including markings, tactiles, beacons, lights and signs al: 58,000 inary Estimate cestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U Epinal Way / Beacon Road al Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply al: 4,000 inary Estimate cestershire County Council Doc: Scenario 2b Cost harnwood Concept Local Plan Support Description Quantity U	######################################	Tota (Cont	m2 m	£40.00 £20.00 £1,500.00 £2,500.00 £3,000.00 £50,000.00	£13,880.00 £2,600.00 £2,500.00 £3,000.00 £50,000.00	£2,500.00 £2,500.00 £3,000.00 £55,000.00	£2,500.00 £2,500.00 £3,000.00	→£0.00 →£0.00 →£0.00 ↑£5,000

Client: Leices	stershire County Council Doc: Scenario 2b Co	st Estir	nate							
	nwood Concept Local Plan Support									
Code	Description Quantity L	Jnit	Rate	Tota						
•	inal Way / Beacon Road			(Cont	inue	ed)				
Landscape	e and Ecology	1		1		T				
30.1.1	Landscaping and Ecology Allowance for restoring the existing landscape following the works		#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	≥ €0.00
Section Total:	1,000	-	#	'	iteiii	11,000.00	11,000.00	11,000.00	11,000.00	2/EU.UU
Prelimina	ary Estimate									
	stershire County Council Doc: Scenario 2b Co	st Estir	nate							
-	nwood Concept Local Plan Support		_	_						
Code	Description Quantity U	Jnit	Rate	Tota		I)				
	inal Way / Beacon Road evelopment and Allowance for Unforeseen			(Cont	inue	ea)				
Design De	Design Development	T								
60.1.1	Allowance for Design Development		#	20	%		£0.00	£0.00	£0.00	€0.00
	Allowance for Unforeseen		#							2 20.00
60.2.1	Allowance for Unforeseen		#	20	%		£0.00	£0.00	£0.00	€0.00
Section Total:	296,908									
	ary Estimate									
	stershire County Council Doc: Scenario 2b Co	st Estir	nate							
Code Code	nwood Concept Local Plan Support Description Quantity U	Init	Rate	Tota	ıl					
	y / Warwick Way	JIIIC	Nate	100	LI.					
Preliminar										
	Traffic Management									
1.1.1	Allowance for Traffic Management					8.10	£30,000.00		£40,500.00	№ £10,500.00
	General Preliminaries									
1.2.1	Preliminaries		#	0	%	£140,368.50	£140,369.00	£315,258.24	£126,103.30	⊮ -£14,265.70
Section Total:	170,369									
	ary Estimate stershire County Council Doc: Scenario 2b Co	ct Ectiv	mata							
	stershire County Council Doc: Scenario 2b Co nwood Concept Local Plan Support	St EStir	nate							
Code	Description Quantity L	Jnit	Rate	Tota	ıl					
	y / Warwick Way			(Con		ed)				
Site Cleara										
	Site Clearance									
2.1.1	Take up or down and remove to tip off site; precast concrete kerbs		#	169	m	£10.00	£1,690.00	£12.00	£2,028.00	
2.1.2	Take down and remove to tip off site; lighting column including		#	2	nr	£250.00	£500.00	£250.00	£500.00	€0.00
2.1.3	bracket arm and lantern; 10m high Allowance for removal of traffic signs to store off site		#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	∌ £0.00
Section Total:	3,190	-	#		item	21,000.00	21,000.00	21,000.00	21,000.00	2 /10.00
Prelimina	ary Estimate									
	stershire County Council Doc: Scenario 2b Co	st Estir	nate							
	nwood Concept Local Plan Support									
Code	Description Quantity U	Jnit	Rate	Tota		٠ ط١				
	y / Warwick Way			(Con	tinue	ea)				
Di alliage a	and Service Ducts Surface Water Drainage	1								
5.1.1	Allowance for surface water drainage alterations		#	667	m2	£35.00	£25,060.00	£40.00	£26 680 00 0	£1,620.00
Section Total:	25,060	-	#	001		253.00	223,000.00	210.00	220,000.00	11,020.00
Prelimina	ary Estimate									
	stershire County Council Doc: Scenario 2b Co	st Estir	nate							
-	nwood Concept Local Plan Support		_	_						
Code	Description Quantity L	Jnit	Rate	Tota		1\				
Earthwork	y / Warwick Way s			(Con	unue	eu)				
LaitiWOIK	General Excavation									
6.1.1	Excavation Excavation Excavation of acceptable material Class 5A; using backacters and		#	36	m3	£20.00	£720.00	£9.59	£345.24	⊌ -£374.76
	tractor loaders n.e 3.0m deep		#			223.00	2,25.00	25.55		
6.1.2	Excavation of acceptable material excluding 5A; using backacters and		#	73	m3	£40.00	£2,920.00	£35.00	£2,555.00	-£ 365.00
	tractor loaders n.e 3.0m deep Hard Excavation									
6.2.1	General excavation using backacters; Extra over excavation for		#	250	m3	£200.00	£50,000.00	£200.00	£50,000.00	€0.00
	excavation in cutting and other excavation for excavation in hard		ж							
622	material Extra over allowance for inefficiency		#		item	£5,000.00	£5,000.00	£ 000 00	£F.000.00	2 60 00
6.2.2	Disposal of Excavated Material to Tip		#		item	15,000.00	15,000.00	£5,000.00	£5,000.00	Z/EU.UU
6.3.1	Disposal of topsoil (5A)		#	36	m3	£50.00	£1,800.00	£46.00	£1.656.00	-£144.00
6.3.2	Disposable of acceptable material excluding class 5A		#		m3	£50.00	£3,650.00	£46.00		-£144.00 -£292.00
6.3.3	Disposal of unacceptable material excitating class 370		#	250		£100.00	£25,000.00	£130.43		£7,607.50
Section Total:	89,090	-	#				.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_ ,==50
Prelimina	ary Estimate									
Client: Leices	stershire County Council Doc: Scenario 2b Co	st Estir	nate							
	nwood Concept Local Plan Support			_						
Code	Description Quantity U	ınıt	Kate	Tota		ad)				
Pavements	y / Warwick Way			(Con	uriue	eu)				
avenients										

	Proposed Road Works								l
7.1.1	Granular material; subbase spread and graded; 150mm deep	#	107	m3	£70.00	£7,490.00	£55.00	f5 885 00	₩ -£1,605.00
7.1.2	Base course; dense tarmacadam; 150mm deep	#	716	m2	£40.00	£28,640.00	£40.00	£28,640.00	
7.1.3	Binder course; dense tarmacadam; 80mm deep	#	716	m2	£35.00	£25,060.00	£36.50		♠£1,074.00
7.1.4	Surface course; rolled asphalt; 40mm deep	#	1,791	m2	£30.00	£53,730.00	£25.50		₩ -£8,059.50
7.1.5	Allowance for night working	#	1	item	£10,000,00	£10,000.00	£10,000.00	£10,000.00	
	Planing off to surrounding areas	#			,			2.0,000.00	20.00
7.2.1	Cold milling pavement; 40mm deep; scarifying surface	#	1,075	m2	£30.00	£32,250.00	£25.00	£26,875.00	↓ -£5,375.0
Section Total:		#						-	
Prelimin	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
Project: Cha	rnwood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota	ıl					
•	ay / Warwick Way		(Con	tinue	d)				
Kerbs, Fo	otways and Paved Areas	ı							1
	Proposed Kerbing	#							
11.1.1	Foundations to kerbs; mass concrete; 200x100mm	#	168	-	£15.00	£2,520.00	£15.00	£2,520.00	1
11.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	168	m	£40.00	£6,720.00	£40.00	£6,720.00	⇒£0.00
	exceeding 12m radius Proposed Paving								
11.2.1	Subbase to paved area; sloping not exceeding 10 degrees to the	#	190	m2	£20.00	£3,800.00	£35.00	£6,650.00	♠£2,850.00
	horizontal; 100mm thick hardcore	#							
11.2.2	Paved area; 60mm thick; comprising binder course 40mm thick and	#	190	m2	£40.00	£7,600.00	£65.00	£12,350.00	1 £4,750.00
11 2 2	surface course 20mm thick	#	124	m	(30.00	£2.400.00	(16.00	(1.094.00	Ma cancino
11.2.3 Section Total:	Edging to footways 23,120	#	124	m	£20.00	£2,480.00	£16.00	£1,984.00	↓ -£496.00
	nary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
	rnwood Concept Local Plan Support	t Estimate							
Code	Description Quantity U	nit Rate	Tota	ıl					
Epinal Wa	ay / Warwick Way		(Con	tinue	d)				
Traffic Sig	gns and Road Markings								
	Road Markings								
12.1.1	Allowance for relining of road	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	⇒ £0.00
12.1.2	Allowance for removal of existing lining	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	→ £0.00
	Traffic Signage and Bollards								
12.3.1	Allowance for reinstatement of existing traffic signage	#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	⇒ £0.00
12.3.2	Allowance for installation of new signage	#	1	item	£1,500.00	£1,500.00	£1,500.00	£1,500.00	→ £0.00
Section Total:	7,500								
	ary Estimate								
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
-	rnwood Concept Local Plan Support	nit Data	Total	. 1					
Code	Description Quantity U ay / Warwick Way	mit Kate	Tota	แ tinue	۹)				
	nting Columns and Brackets, CCTV Masts and Cantilever	Macte	(COII	tiiiue	u)				
Rodd Ligi	Road Lighting Columns and Brackets	Inases]
13.1.1	Galvanized steel road lighting column with flange plate base (including	#	2	nr	£1,200.00	£2,400.00	£1,900.00	f3.800.00	↑£1,400.00
	all control gear, switching, fuses and internal wiring; 10.0m nominal	#			,	,	,	.,	. ,
	height	#							A 5200 00
13.1.2	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm	#	2	nr	£800.00	£1,600.00	£900.00	£1,800.00	№ £200.00
13.1.3	Lantern unit with photoelectric control set to switch on at 100 lux;	#	2	nr	£900.00	£1,800.00	£1,000.00	£2,000.00	↑£200.00
	lamps; 250W SON; to suit 8m, 10m and 12m columns								ı
Section Total:									l
	nary Estimate	. =							
	estershire County Council Doc: Scenario 2b Cos	t Estimate							
Project: Cha	estershire County Council Doc: Scenario 2b Cos rrnwood Concept Local Plan Support		Tota	ıl.					
Project: Cha Code	estershire County Council Doc: Scenario 2b Cos Irriwood Concept Local Plan Support Description Quantity U				d)				
Project: Cha Code Epinal Wa	estershire County Council Doc: Scenario 2b Cos Irriwood Concept Local Plan Support Description Quantity U ay / Warwick Way			ıl tinue	d)				
Project: Cha Code Epinal Wa	estershire County Council Doc: Scenario 2b Cos Irriwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs				d)				
Project: Cha Code Epinal Wa	estershire County Council Doc: Scenario 2b Cos Irriwood Concept Local Plan Support Description Quantity U ay / Warwick Way	nit Rate	(Con		d) £1,000.00	£1,000.00	£1,000.00	£1,000.00	→ £0.00
Project: Cha Code Epinal Wa Electrical	estershire County Council Doc: Scenario 2b Cos Irriwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works		(Con	tinue		£1,000.00	£1,000.00	£1,000.00	- ≫£0.00
Project: Cha Code Epinal Wa Electrical	estershire County Council Doc: Scenario 2b Costravood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply	nit Rate	(Con	tinue	£1,000.00		£1,000.00 Excluded	£1,000.00	≫ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total:	estershire County Council Doc: Scenario 2b Costravood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000	nit Rate	(Con	tinue	£1,000.00			£1,000.00	- ≫£0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Tary Estimate	nit Rate	(Con	tinue	£1,000.00			£1,000.00	- > £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice	estershire County Council Doc: Scenario 2b Costravood Concept Local Plan Support Description Quantity Usay Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Tary Estimate estershire County Council Doc: Scenario 2b Cos	nit Rate	(Con	tinue	£1,000.00			£1,000.00	⇒ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 DIATY ESTIMATE estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support	nit Rate	(Con	item	£1,000.00			£1,000.00	≥ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Darry Estimate estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U	nit Rate	(Con	item	£1,000.00			£1,000.00	≫ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Tary Estimate Estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way	nit Rate	(Con	item	£1,000.00			£1,000.00	≫ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Tary Estimate Estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way evelopment and Allowance for Unforeseen	nit Rate	(Con	item	£1,000.00			£1,000.00	⇒ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa Design De	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Darry Estimate estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way evelopment and Allowance for Unforeseen Design Development	nit Rate	(Con	item	£1,000.00	Excluded	Excluded		
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 tary Estimate estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way evelopment and Allowance for Unforeseen Design Development Allowance for Design Development	nit Rate	(Con	item	£1,000.00				> £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa Design De	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 tary Estimate estershire County Council Doc: Scenario 2b Cos turnwood Concept Local Plan Support Description Quantity U ay / Warwick Way evelopment and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen	nit Rate	(Con	item	£1,000.00	Excluded £0.00	Excluded £0.00	£0.00	≫ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa Design De	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 arry Estimate estershire County Council Doc: Scenario 2b Cos turnwood Concept Local Plan Support Description Quantity U ay / Warwick Way evelopment and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen	nit Rate	(Con	item	£1,000.00	Excluded	Excluded	£0.00	
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Client: Leice Project: Cha Code Epinal Wa Design De 60.1.1 60.2.1 Section Total:	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U Ally / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Darry Estimate estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U Allowance Way evelopment and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen 192,920	nit Rate	(Con	item	£1,000.00	Excluded £0.00	Excluded £0.00	£0.00	≫ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prelimin Code Epinal Wa Design De 60.1.1 Section Total: Prelimin	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 nary Estimate estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U ay / Warwick Way evelopment and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen 192,920 Dary Estimate	nit Rate	(Con	item	£1,000.00	Excluded £0.00	Excluded £0.00	£0.00	≫ £0.00
Project: Cha Code Epinal Wa Electrical 14.1.1 14.1.2 Section Total: Prellimin Client: Leice Project: Cha Code Epinal Wa Design Do 60.1.1 Section Total: Prelimin Client: Leice	estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U Ally / Warwick Way Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 1,000 Darry Estimate estershire County Council Doc: Scenario 2b Cos trinwood Concept Local Plan Support Description Quantity U Allowance Way evelopment and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen Allowance for Unforeseen 192,920	nit Rate	(Con	item	£1,000.00	Excluded £0.00	Excluded £0.00	£0.00	≫ £0.00

Code	Description Quantity U	nit Ra	te To	tal						
A46 / A50 Prelimina	ries	1								
	Traffic Management			4						•
1.1.1	Allowance for Traffic Management General Preliminaries			+		5.73	£21,220.00		£28,647.00	↑ £7,427.00
1.2.1	Preliminaries	#		0 %		£892,776.00	£892,776.00	£2,192,776.24	£877 110 50	₩ -£15,665.50
Section Total:		#		0 /0		1832,770.00	1032,770.00	12,132,770.24	1877,110.50	-E13,003.3
Prelimin	nary Estimate									
	estershire County Council Doc: Scenario 3 Cost	Estimate								
	arnwood Concept Local Plan Support	:a D	. т.	1						
Code A46 / A50	Description Quantity U	nit ka		tal	nued)					
Site Clear			(CO	11(11	iiueu,	'				
	Site Clearance			T						
2.1.1	Take up or down and remove to tip off site; precast concrete kerbs	#	74	17 m	n	£10.00	£7,470.00	£12.00	£8,964.00	↑ £1,494.00
2.1.2	Allowance for tree and vegetation removal	#		1 it	em	£5,000.00	£5,000.00	£5,000.00	£5,000.00	→£0.00
2.1.3	Take down and remove to tip off site; lighting column including	#		7 n	r	£250.00	£1,750.00	£250.00	£1,750.00	→£0.00
2.1.4	bracket arm and lantern; 10m high Allowance for removal of traffic signs to store off site	#		1 it	em	£1,000.00	£1,000.00	£1,000.00	£1,000.00	 €0.00
2.1.5	Removal of VRS to tip off site	#	50)7 m		£50.00	£25,350.00	£65.00		15.00 15.00 15.00
2.1.6	Allowance for removal of traffic signals to store off site	#		1 it	_	£250.00	£250.00	£250.00		⇒£0.00
Section Total:		#								2
	nary Estimate									
	estershire County Council Doc: Scenario 3 Cost	Estimate								
•	arnwood Concept Local Plan Support	nit Da	to To	+-1						
Code A46 / A50	Description Quantity U	IIIL Ka		tal	nued)	١				
	traint Systems (Vehicle and Pedestrian)		(00)		iiucu)	,				
	Vehicle Restraint System (VRS)			T						
4.1.1	Beam safety barriers; untensioned beams; single sided corrugated	#	50)7 m	n	£80.00	£40,560.00	£77.28	£39,180.96	↓ -£1,379.04
	beam	#								A
4.1.2 Section Total:	Terminal sections 41,160	#		2 n	r	£300.00	£600.00	£700.00	£1,400.00	№ £800.00
	nary Estimate									
	estershire County Council Doc: Scenario 3 Cost	Estimate								
	arnwood Concept Local Plan Support									
Code	Description Quantity U	nit Ra	te To	tal						
A46 / A50	0		(Co	ntii	nued))				
Drainage	and Service Ducts	1								
	Surface Water Drainage	#								
5.1.1 Section Total:	Allowance for surface water drainage alterations	#	5,39)1 m	12	£35.00	£194,005.00	£40.00	£215,640.00	₱£21,635.00
	nary Estimate									
	estershire County Council Doc: Scenario 3 Cost	Estimate								
Project: Cha	arnwood Concept Local Plan Support									
Code	Description Quantity U	nit Ra	te To	tal						
A46 / A50			(Co	ntii	nued))				
Earthwork		1		_						
6.1.1	General Excavation	#	-	35 m	. 2	£15.00	£7,275,00	£9.59	(4 (5)) 5	↓ -£2,623.85
D. I . I	Excavation of acceptable material Class 5A; using backacters and tractor loaders n.e 3.0m deep	#	48	55 III	13	£15.00	17,275.00	19.59	14,651.15	₩-L2,023.83
6.1.2	Excavation of acceptable material excluding 5A; using backacters and	#	1,3!	57 m	13	£30.00	£40,710.00	£35.00	£47,495.00	↑ £6,785.00
	tractor loaders n.e 3.0m deep			4						
6.2.1	Hard Excavation	#	1.11	91 m	2	£200.00	1220 200 00	(200.00	£220,200.00	⇒ £0 00
0.2.1	General excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard	#	1,19	1 1	13	1200.00	£238,200.00	£200.00	£238,200.00	∠ LU.UU
	material	#								
6.2.2	Extra over allowance for inefficiency	#		1 it	em	£25,000.00	£25,000.00	£25,000.00	£25,000.00	→£0.00
	Disposal of Excavated Material to Tip	#		1						
6.3.1	Disposal of topsoil (5A)	#		35 m		£50.00	£24,250.00	£46.00		₩-£1,940.00
6.3.2	Disposable of acceptable material excluding class 5A	#	1,3!	_	_	£50.00	£67,850.00	£46.00		↓ -£5,428.00
6.3.3 Section Total:	Disposal of unacceptable non hazardous material 522,385	#	1,15)1 m	13	£100.00	£119,100.00	£130.43	£155,342.13	↑ £36,242.13
	nary Estimate									
	estershire County Council Doc: Scenario 3 Cost	Estimate								
	arnwood Concept Local Plan Support									
Code	Description Quantity U	nit Ra		tal						
A46 / A50			(Co	ntii	nued))				
Pavement										
	Proposed Road Works	#					,			
7.1.1	Granular material; subbase spread and graded; 150mm deep	#	83	_	_	£70.00	£58,170.00	£55.00		₩-£12,465.0
			5,39	91 m	12	£40.00	£221,720.00	£40.00	£215,640.00	₩-£6.080.00
	Base course; dense tarmacadam; 150mm deep	#		_	_					1
7.1.3	Binder course; dense tarmacadam; 80mm deep	#	5,39	91 m	12	£35.00	£194,005.00	£36.50	£196,771.50	↑ £2,766.50
7.1.3 7.1.4	Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep	# # # 151	5,39	91 m	12	£35.00 £30.00	£194,005.00 £453,270.00	£25.50	£196,771.50 £385,279.50	♠£2,766.50 ♣-£67,990.5
7.1.2 7.1.3 7.1.4 7.1.5	Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep Allowance for night working	# # 151 # #	5,39	91 m	12	£35.00	£194,005.00		£196,771.50	♠£2,766.50 ♣-£67,990.50
7.1.3 7.1.4	Binder course; dense tarmacadam; 80mm deep Surface course; rolled asphalt; 40mm deep	# # 151 # #	5,39 09 15,10	91 m	12 12 :em	£35.00 £30.00	£194,005.00 £453,270.00	£25.50	£196,771.50 £385,279.50 £70,000.00	♠£2,766.50 ♣-£67,990.5

	ry Estimate								
Project: Charn	iy Estillate								
-	ershire County Council Doc: Scenario 3 Cost	Estimate							
Coue	wood Concept Local Plan Support Description Quantity U	nit Data	Tota	, I					
A46 / A50	Description Quantity U	iii Kate		inuec	4)				
	tways and Paved Areas		(00		-,				
	Proposed Kerbing								
11.1.1 F	Foundations to kerbs; mass concrete; 200x100mm	#	1,277	m	£15.00	£19,155.00	£15.00	£19,155.00	→ £0.00
	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	1,277	m	£40.00	£51,080.00	£40.00	£51,080.00	→ £0.00
	exceeding 12m radius								
	Proposed Paving Subbase to paved area; sloping not exceeding 10 degrees to the	#	569	m2	£20.00	£11,380.00	£35.00	£19,915.00	⋒ £8.535.0
	horizontal; 100mm thick hardcore	#	303	1112	220.00	211,300.00	233.00	213,313.00	10,555.0
	Paved area; 60mm thick; comprising binder course 40mm thick and	#	569	m2	£40.00	£22,760.00	£65.00	£36,985.00	↑ £14,225.
Section Total:	surface course 20mm thick 104,375								
	ry Estimate								
	ershire County Council Doc: Scenario 3 Cost	Estimate							
roject: Charm	wood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota						
A46 / A50			(Con	inued	d)				
	ns and Road Markings								
	Road Markings	#							 · ·
	Allowance for relining of road	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	⇒£0.00
	Toucan Crossings	#	_		62.000.6	62.600.6	(1,000.00	(1,005.65	
	Allowance for reinstallation of existing traffic signals Traffic Signage and Bollards	#	1	nr	£2,000.00	£2,000.00	£1,885.00	£1,885.00	∳ -£115.00
	Traffic Signage and Bollards Allowance for reinstatement of existing traffic signage	#	1	item	£1,500.00	£1,500.00	£1,500.00	£1,500.00	→ £0.00
	Allowance for reinstatement of existing traffic signage Allowance for installation of new signage	#	1	item	£1,500.00 £2,000.00	£1,500.00 £2.000.00	£1,500.00 £2,000.00	£1,500.00 s	
	Illuminated bollards fixed to concrete base	#	3	nr	£750.00	£2,250.00	£850.00		£300.00
Section Total:	12,750	#			2730.00	22,230.00	2030.00	22,330.00	/[[\E300.00
Prelimina	ry Estimate								
	ershire County Council Doc: Scenario 3 Cost	Estimate							
	wood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota						
A46 / A50	: 6 12 1 65T/M : 16 17		(Con	inued	d)				
	ing Columns and Brackets, CCTV Masts and Cantilever	Masts							
	Road Lighting Columns and Brackets Galvanized steel road lighting column with flange plate base (including	#	7	nr	£1,200.00	£8,400.00	£1,900.00	£13,300.00	₩ £4 000 0
	all control gear, switching, fuses and internal wiring; 10.0m nominal	#	,	""	11,200.00	10,400.00	11,900.00	113,300.00	/[[\ £4,500.0
ŀ	height	#							
	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm	#	7	nr	£800.00	£5,600.00	£900.00	£6,300.00	↑ £700.00
	Lantern unit with photoelectric control set to switch on at 100 lux;	#	7	nr	£900.00	£6,300.00	£1,000.00	£7,000.00	↑ £700.00
	lamps; 250W SON; to suit 8m, 10m and 12m columns								
Section Total:	20,300								
	.ry Estimate ershire County Council Doc: Scenario 3 Cost	Ectimate							
	wood Concept Local Plan Support	Littinate							
Code	Description Quantity U	nit Rate	Tota	ıl					
A46 / A50			(Con	inued	d)				
Electrical W	Orks for Road Lighting and Traffic Signs								
E	Electrical Works								
	Allowance for the electrical works associated with traffic signals,	#	1	item	£10,000.00	£10,000.00	£10,000.00	£10,000.00	⇒£0.00
	crossings and lighting column installation New electrical supply					Excluded	Excluded		
Section Total:	10,000						Excidueu		
	ry Estimate								
Prelimina									
Prelimina: Client: Leiceste	erstille County Council Doc. Scenario 3 Cost	Estimate							
Client: Leiceste Project: Charny	wood Concept Local Plan Support	Estimate							
Client: Leiceste Project: Charno Code	•		Tota						
Client: Leiceste Project: Charn Code A46 / A50	wood Concept Local Plan Support Description Quantity U			ıl tinuec	i)				
Client: Leiceste Project: Charn Code A46 / A50 Landscape	wood Concept Local Plan Support Description Quantity U and Ecology				i)				
Client: Leiceste Project: Charm Code A46 / A50 Landscape	wood Concept Local Plan Support Description Quantity U and Ecology Landscaping and Ecology		(Cont	inued			60.000	62.000	3 50 50
Client: Leiceste Project: Charm Code A46 / A50 Landscape L 30.1.1	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works		(Cont		£2,000.00	£2,000.00	£2,000.00	£2,000.00	⇒ £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape L 30.1.1 A Section Total:	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000		(Cont	inued		£2,000.00	£2,000.00	£2,000.00	⇒ £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape B0.1.1 Preliminal	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works	nit Rate	(Cont	inued		£2,000.00	£2,000.00	£2,000.00	→ £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Landscape Bection Total: Preliminal Client: Leiceste	wood Concept Local Plan Support Description Quantity U and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 rry Estimate	nit Rate	(Cont	inued		£2,000.00	£2,000.00	£2,000.00	- >£0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Landscape Bection Total: Preliminal Client: Leiceste	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 Ary Estimate ershire County Council Doc: Scenario 3 Cost	nit Rate	(Conf	item	£2,000.00	£2,000.00	£2,000.00	£2,000.00	-) £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Landscape B0.1.1 A Boction Total: Preliminal Client: Leiceste Project: Charm Code A46 / A50	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 ry Estimate ershire County Council wood Concept Local Plan Support Description Quantity U	nit Rate	(Conf	item	£2,000.00	£2,000.00	£2,000.00	£2,000.00	→ £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Landscape B0.1.1 A Boction Total: Preliminal Client: Leiceste Project: Charm Code A46 / A50	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 ry Estimate ershire County Council wood Concept Local Plan Support	nit Rate	(Conf	item	£2,000.00	£2,000.00	£2,000.00	£2,000.00	-) £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Loose Code Bection Total: Preliminal Client: Leiceste Project: Charm Code A46 / A50 Design Dev	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 ry Estimate ershire County Council wood Concept Local Plan Support Description Quantity U	nit Rate	(Cont	inued item	£2,000.00				
Collent: Leiceste Project: Charm Code A46 / A50 Landscape Leiceste Preliminal Client: Leiceste Project: Charm Code A46 / A50 Design Dev	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 rry Estimate ershire County Council Description Description Description Description Description Description Description Design Development Allowance for Design Development Design Development Allowance for Design Development	nit Rate	(Conf	inued item	£2,000.00	£2,000.00	£2,000.00		→ £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Landscape Landscape Landsca	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 Land Ecology Allowance for restoring the existing landscape following the works 2,000 Lang Estimate Lershire County Council Doc: Scenario 3 Cost Local Plan Support Description Quantity U Lelopment and Allowance for Unforeseen Design Development Allowance for Design Development Allowance for Unforeseen	nit Rate	(Coni	item	£2,000.00	£0.00	£0.00	0.002	→ £0.00
Client: Leiceste Project: Charm Code A46 / A50 Landscape Landscape Landscape Landsca	and Ecology Landscaping and Ecology Allowance for restoring the existing landscape following the works 2,000 rry Estimate ershire County Council Description Description Description Description Description Description Description Design Development Allowance for Design Development Design Development Allowance for Design Development	nit Rate	(Cont	item	£2,000.00			0.002	

Code A46 / A607 Preliminaries	ood Concept Local Plan Support	Estimate							
A46 / A607 Preliminaries									
reliminaries	Description Quantity U	nit Rate	Tota	ıl					
	raffic Management								
	llowance for Traffic Management				5.00	£20,000.00		£25,000.00	♠ £5,000,0
	eneral Preliminaries				3.00	220,000.00		223,000.00	1.23,000.0
2.1 Pre	reliminaries	#	0	%	£451,077.75	£451,078.00	£996,886.07	£398,754.43	↓ -£52,323
ction Total:	471,078	*							
reliminary	y Estimate								
	rshire County Council Doc: Scenario 3 Cost	Estimate							
	ood Concept Local Plan Support								
ode	Description Quantity U	nit Rate	Tota		- 4\				
.46 / A607 ite Clearand			(Con	inue	ea)				
	te Clearance								
	ake up or down and remove to tip off site; precast concrete kerbs	#	503	m	£10.00	£5,030.00	£12.00	£6.036.00	↑ £1,006.0
	llowance for tree and vegetation removal	#		item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	_
	ake down and remove to tip off site; lighting column including	#		nr	£250.00	£1,750.00	£250.00	£1,750.00	
	racket arm and lantern; 10m high	#				,		,	
I.4 All	llowance for removal of traffic signs to store off site	#	1	item	£500.00	£500.00	£500.00	£500.00	⇒ £0.00
	emoval of VRS to tip off site	#	166	m	£50.00	£8,300.00	£65.00	£10,790.00	♠ £2,490.0
ction Total:	18,080								
	y Estimate								
	rshire County Council Doc: Scenario 3 Cost	Estimate							
oject: Charnwo ode	ood Concept Local Plan Support Description Quantity U	nit Date	Tota	. 1					
46 / A607	·	iii Kate	(Con		-d)				
	int Systems (Vehicle and Pedestrian)		(0011		,				
	ehicle Restraint System (VRS)								
	eam safety barriers; untensioned beams; single sided corrugated	# "	166	m	£80.00	£13,280.00	£77.28	£12,828.48	↓ -£451.52
	eam								
	erminal sections	#	2	nr	£300.00	£600.00	£700.00	£1,400.00	№ £800.00
ction Total:	13,880								
	y Estimate								
	rshire County Council Doc: Scenario 3 Cost	Estimate							
ode Charnwo	ood Concept Local Plan Support Description Quantity U	nit Dato	Tota						
46 / A607	·	iii Kate	(Con		ad)				
	d Service Ducts		(COII	liiiut	eu)				
	urface Water Drainage			l					
	llowance for surface water drainage alterations	#	2,589	m2	£35.00	£85,890.00	£40.00	£103,560.00	♠ £17.670.
ction Total:	85,890								. ,
reliminary	y Estimate								
lient: Leicester	rshire County Council Doc: Scenario 3 Cost	Estimate							
	rood Concept Local Plan Support								
`~ d ~	Description Quantity U	nit Rate	Tota	ıl					
	·								
46 / A607	·		(Con		ed)				
46 / A607 arthworks		I			ed)				
.46 / A607 arthworks	eneral Excavation	#	(Con	tinue		(1.050.00	0.50	(1.246.70)	.£702.20
46 / A607 arthworks Ge	eneral Excavation ccavation of acceptable material Class 5A; using backacters and	# #		tinue	£15.00	£1,950.00	£9.59	£1,246.70	∳ -£703.30
46 / A607 arthworks Ge 1.1 Exc	eneral Excavation	# # #	(Con	m3		£1,950.00	£9.59	£1,246.70 \\	
46 / A607 arthworks Ge 1.1 Exit tra 1.2 Exit tra	eneral Excavation ccavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep	# # # #	(Con	m3	£15.00	,		,	
46 / A607 arthworks Ge 1.1 Exc tra 1.2 Exc tra Ha	eneral Excavation ccavation of acceptable material Class SA; using backacters and actor loaders n.e 3.0m deep cavavation of acceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep ard Excavation	# # # #	(Cont	m3	£15.00	£10,920.00	£35.00	£12,740.00	↑ £1,820.00
46 / A607 arthworks Ge 1.1 Exc tra 1.2 Exc tra Ha 2.1 Ge	eneral Excavation Kcavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep actor loaders n.e 3.0m deep ard Excavation n.e 3.0m deep ard Excavation using backacters; Extra over excavation for	# # # #	(Con	m3	£15.00	,		,	↑ £1,820.0
46 / A607 arthworks Ge 1.1 Exi tra 1.2 Exi tra Ha 2.1 Ge exi	eneral Excavation xcavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep xcavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for xcavation in cutting and other excavation for excavation in hard	# # # # # # #	(Cont	m3	£15.00	£10,920.00	£35.00	£12,740.00	↑ £1,820.0
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra Ha 2.1 Ge ext ma	eneral Excavation Kcavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep actor loaders n.e 3.0m deep ard Excavation n.e 3.0m deep ard Excavation using backacters; Extra over excavation for	# # # # # # # # # # # # # # # # # # # #	(Cont	m3	£15.00	£10,920.00	£35.00	£12,740.00	♠£1,820.00 ▶£0.00
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra 2.1 Ge exx ma 2.2 Ext	eneral Excavation ccavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard laterial	# # # # # #	(Cont	m3 m3	£15.00 £30.00	£10,920.00	£35.00	£12,740.00	♠£1,820.00 ▶£0.00
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra Ha 2.1 Ge ext ma 2.2 Ext Dis	eneral Excavation ccavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for ccavation in cutting and other excavation for excavation in hard laterial ktra over allowance for inefficiency	# # # # # # # # # # # # # # # # # # # #	(Cont	m3 m3 item	£15.00 £30.00	£10,920.00	£35.00	£12,740.00 °	↑£1,820.00 →£0.00
46 / A607 arthworks Ge 1.1 Exc tra 1.2 Exc tra Ha 2.1 Ge exc ma 2.2 Ext Dis 3.1 Dis	eneral Excavation ccavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard aterial ktra over allowance for inefficiency isposal of Excavated Material to Tip	# # # # # # # # # # # # # # # # # # # #	(Con:	m3 m3 item	£15.00 £30.00 £200.00	£10,920.00 £134,600.00	£35.00 £200.00	£12,740.00 ° £134,600.00 ° £15,000.00 °	↑£1,820.0 →£0.00 →£0.00 ↓-£520.00
46 / A607 arthworks Ge 1.1 Exx tra 1.2 Ex tra Ha 2.1 Ge ex ma 2.2 Ex Dis 3.1 Dis 3.2 Dis	eneral Excavation ccavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard aterial ctra over allowance for inefficiency isposal of Excavated Material to Tip isposal of topsoil (5A)	# # # # # # # # # # # # # # # # # # #	(Con:	m3 m3 item m3	£15.00 £30.00 £200.00 £15,000.00	£10,920.00 £134,600.00 £15,000.00	£35.00 £200.00 £15,000.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge 1.1 Exx 1.2 Exx 1.3 Exx 1.4 Ge 2.1 Ge 2.2 Exx 3.1 Dis 3.2 Dis 3.3 Dis	eneral Excavation cavation of acceptable material Class SA; using backacters and actor loaders n.e 3.0m deep cavation of acceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep ard Excavation of acceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep ard Excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard laterial terial excavation using backacters; Extra over excavation in hard laterial terial excavation in cutting and other excavation for excavation in hard laterial terial excavation displays the second of the excavation for excavation in hard laterial excavation for excavation for excavation in hard laterial excavation for excavation f	# # # # # # # # # # # # # # # # # # #	(Coni	m3 m3 item m3	£15.00 £30.00 £200.00 £15,000.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	♠£1,820.00 ▶£0.00
46 / A607 arthworks Ge 1.1 Ext tra 2.2 Ext 4.2 Ext 015 2.1 Ge ext ma 2.2 Ext 015 3.3 Dis ction Total:	eneral Excavation cavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep cavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard aterial daterial isposal of Excavated Material to Tip isposal of topsoil (5A) isposable of acceptable material excluding class 5A isposal of unacceptable non hazardous material	# # # # # # # # # # # # # # # # # # #	(Coni	m3 m3 item m3	£15.00 £30.00 £200.00 £15,000.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.0 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge 1.1 Ext tra 2.2 Ext tra 2.1 Ge ext ma 2.2 Ext Dis 3.3 Dis 3.3 Dis trion Total: reliminary ient: Leicesters	eneral Excavation ccavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard laterial tra over allowance for inefficiency isposal of Excavated Material to Tip isposal of topsoil (5A) isposable of acceptable material excluding class 5A isposal of unacceptable non hazardous material 254,470 y Estimate rshire County Council Doc: Scenario 3 Cost	# # # # #	(Coni	m3 m3 item m3	£15.00 £30.00 £200.00 £15,000.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.0 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge 1.1 Exx tra 1.2 Exx tra Ha 2.1 Ge exx ma 2.2 Exx 53.3 Dis crtion Total: reliminary ient: Leicesters oject: Charnwo	eneral Excavation cavation of acceptable material Class SA; using backacters and actor loaders n.e 3.0m deep cavation of acceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep cavation of acceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard laterial taterial txtra over allowance for inefficiency isposal of Excavated Material to Tip isposal of topsoil (SA) isposable of acceptable material excluding class SA isposal of unacceptable non hazardous material 254,470 y Estimate rshire County Council Doc: Scenario 3 Cost	# # # # # Estimate	(Coni	m3 m3 item m3 m3	£15.00 £30.00 £200.00 £15,000.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.0 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge .1 Exc tra .2 Exc tra Ha .1.1 Ge exc ma .2.2 Exc tra .1.1 Join .2.2 Exc tra .1.1 Dis .2.2 Dis .3.3 Dis ction Total: reliminary ent: Leicesters object: Charnwoode	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding for excavation for excavation in cutting and other excavation for excavation in hard atterial Activation of Excavated Material to Tip Accavation of Excavated Material to Tip Accavation of Excavated Material excluding class 5A Accavation of acceptable material excluding class 5A Accavation of acceptable non hazardous material 254,470 YESTIMATE Teshire County Council Doc: Scenario 3 Cost Yood Concept Local Plan Support Description Quantity U	# # # # # Estimate	(Coni	m3 m3 item m3 m3 m3	£15,000 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra 2.1 Ge ext 2.1 Ge 3.1 Dis 3.2 Dis 3.3 Dis ctton Total: reliminary iopict: Charnwoode 46 / A607	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding for excavation for excavation in cutting and other excavation for excavation in hard atterial Activation of Excavated Material to Tip Accavation of Excavated Material to Tip Accavation of Excavated Material excluding class 5A Accavation of acceptable material excluding class 5A Accavation of acceptable non hazardous material 254,470 YESTIMATE Teshire County Council Doc: Scenario 3 Cost Yood Concept Local Plan Support Description Quantity U	# # # # # Estimate	(Coni	m3 m3 item m3 m3 m3	£15,000 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra 2.1 Ge ext ma 2.2 Ext Dis 3.3 Dis 3.2 Dis 3.3 Dis ction Total: reliminary ioigiett: Charnwoode 46 / A607 avements	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation in cutting and other excavation for excavation in cutting and other excavation for excavation in cutting and other excavation for excavation in hard atterial Actor acceptable material to Tip Isposal of Excavated Material to Tip Isposal of topsoil (5A) Isposable of acceptable material excluding class 5A Isposal of unacceptable non hazardous material 254,470 Y Estimate Third County Council Doc: Scenario 3 Cost Poscription Quantity U	# # # # # Estimate	(Coni	m3 m3 item m3 m3 m3	£15,000 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra 2.1 Ge ext ma 2.2 Ext 3.3 Dis 3.3 Dis ction Total: reliminary ient: Leicester: oject: Charnwo oject: Charnwo oject 46 / A607 avements	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation Bereral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard aterial Actra over allowance for inefficiency Isposal of Excavated Material to Tip Isposal of topsoil (5A) Isposal of topsoil (5A) Isposal of unacceptable material excluding class 5A Isposal of unacceptable non hazardous material 254,470 Y Estimate Position Posi	# # # # # Estimate	(Coni	m3 m3 item m3 m3 tem tima	£15.00 £30.00 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00 £67,300.00	£35.00 £200.00 £15,000.00 £46.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00 ° £87,779.39 ° £87,779 ° £87,7	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0 ↑£20,479.0
46 / A607 arthworks Ge 1.1 Ext tra 1.2 Ext tra 2.1 Ge ext ext 3.1 Dis 3.2 Dis 3.3 Dis ction Total: reliminary ient: Leicesters oject: Charnwoode 46 / A607 avements Product Crandon 1.1 Gra	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation in cutting and other excavation for excavation in cutting and other excavation for excavation in cutting and other excavation for excavation in hard atterial Actor acceptable material to Tip Isposal of Excavated Material to Tip Isposal of topsoil (5A) Isposable of acceptable material excluding class 5A Isposal of unacceptable non hazardous material 254,470 Y Estimate Third County Council Doc: Scenario 3 Cost Poscription Quantity U	# # # # # Estimate	(Coni 130 364 673 1 130 364 673 Tota (Coni 368	m3 m3 item m3 m3 tem tima	£15,000 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00	£35.00 £200.00 £15,000.00 £46.00	£12,740.00 £134,600.00 £15,000.00 £5,980.00 £16,744.00 £87,779.39	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0 ↑£20,479.
A6	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation Bereral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard aterial Actra over allowance for inefficiency Isposal of Excavated Material to Tip Isposal of topsoil (5A) Isposal of topsoil (5A) Isposal of unacceptable material excluding class 5A Isposal of unacceptable non hazardous material 254,470 Y Estimate Position Posi	# # # # # Estimate	(Coni 130 364 673 1 130 364 673 Tota (Coni 368	m3 m3 item m3 m3 tem tima	£15.00 £30.00 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00 £67,300.00	£35.00 £200.00 £15,000.00 £46.00 £46.00	£12,740.00 ° £134,600.00 ° £15,000.00 ° £5,980.00 ° £16,744.00 ° £87,779.39 ° £87,779 ° £87,7	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0 ↑£20,479.
A66 / A607 Arthworks Ge	eneral Excavation Accavation of acceptable material Class 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep Accavation of acceptable material excluding 5A; using backacters and actor loaders n.e 3.0m deep ard Excavation Beneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard aterial Actra over allowance for inefficiency Isposal of Excavated Material to Tip Isposal of topsoil (5A) Isposal of topsoil (5A) Isposal of unacceptable material excluding class 5A Isposal of unacceptable non hazardous material 254,470 Y Estimate Parking County Council Doc: Scenario 3 Cost Poposed Concept Local Plan Support Description Quantity U	# # # # # Estimate	(Coni 130 364 673 1 130 364 673 Tota (Coni 368	m3 m3 item m3 m3 m4 item m3 m3 m3	£15.00 £30.00 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00 £67,300.00	£35.00 £200.00 £15,000.00 £46.00 £130.43	£12,740.00 £134,600.00 £15,000.00 £5,980.00 £16,744.00 £87,779.39	↑£1,820.0 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0 ↑£20,479.
1.1.1 Ext. tra 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.3 Ext. tra 1.1.4 Ext. tra 1.1.5 Ext. tra 1.1.6 Ext. tra 1.1.7 Ge 1.1.8 Ext. tra 1.1.8 Ext. tra 1.1.1 Ext. tra 1.1.1 Ext. tra 1.1.2 Bas 1.1.3 Bin 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.3 Ext. tra 1.1.2 Ext. tra 1.1.1 Ext. tra 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.3 Ext. tra 1.1.3 Ext. tra 1.1.2 Ext. tra 1.1.3 Ext. tra 1.1.3 Ext. tra 1.1.1 Ext. tra 1.1.2 Ext. tra 1.1.2 Ext. tra 1.1.3 Ext. tra 1.1.3 Ext. tra 1.1.3 Ext. tra 1.1.1 Ext. tra 1.1.2 Ext. tra 1.1.3 Ext. tra 1.1.3 Ext. tra 1.1.3 Ext. tra 1.1.1 E	eneral Excavation ccavation of acceptable material Class SA; using backacters and actor loaders n.e 3.0m deep ccavation of acceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep ard Excavation exceptable material excluding SA; using backacters and actor loaders n.e 3.0m deep ard Excavation eneral excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard laterial txtra over allowance for inefficiency isposal of Excavated Material to Tip isposal of topsoil (SA) isposal of topsoil (SA) isposal of unacceptable material excluding class SA isposal of unacceptable non hazardous material 254,470 y Estimate rshire County Council Doc: Scenario 3 Cost rood Concept Local Plan Support Description Quantity U roposed Road Works ranular material; subbase spread and graded; 150mm deep ase course; dense tarmacadam; 150mm deep	# # # # # Estimate	(Coni 130 364 673 1 130 364 673 Tota (Coni 368 2,454	m3 m3 item m3 m3 m3 m3 m3 m3 m3	£15.00 £30.00 £200.00 £15,000.00 £50.00 £100.00	£10,920.00 £134,600.00 £15,000.00 £6,500.00 £18,200.00 £67,300.00	£35.00 £200.00 £15,000.00 £46.00 £130.43	£12,740.00 £134,600.00 £15,980.00 £16,744.00 £87,779.39 £20,240.00 £98,160.00 £98,160.00	↑£1,820.00 →£0.00 →£0.00 ↓-£520.00 ↓-£1,456.0 ↑£20,479. ↓-£5,520.0 →£0.00 ↑£3,681.0

	Cold milling pavement; 40mm deep; scarifying surface	#	4,217	m2	£30.00	£126,510.00	£25.00	£105.425.00	♣-£21,085.0
2.1 ection Total:	566,450	#	,,=		20000			2111,12111	121,005.00
	ary Estimate								
	stershire County Council Doc: Scenario 3 Cost	Estimate							
oject: Char ode	rnwood Concept Local Plan Support Description Quantity U	nit Data	Tota						
oue 46 / A60	•	iii Kale	Tota (Con		ad)				
	otways and Paved Areas		(COII	tiiiue	:u)				
(0.03, 10.	Proposed Kerbing								
1.1.1	Foundations to kerbs; mass concrete; 200x100mm	#	515	m	£15.00	£7,725.00	£15.00	£7,725.00	⇒ £0.00
1.1.2	Kerbs; bullnosed, splayed or half battered; laid straight or curved	#	515		£40.00	£20,600.00	£40.00	£20,600.00	
	exceeding 12m radius	24							
ection Total:	28,325								
	ary Estimate								
	stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support	Estimate							
Toject. Chai Code	Description Quantity U	nit Rate	Tota	a I					
446 / A60	•	ine Race	(Con		2d)				
	gns and Road Markings		(0011	····ac	,				
	Road Markings								
2.1.1	Allowance for relining of road	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	⇒£0.00
2.1.2	Allowance for removal of existing lining	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	t
	Traffic Signage and Bollards	#			==,00000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u>></u> 10.00
2.3.1	Allowance for reinstatement of existing traffic signage	#	1	item	£500.00	£500.00	£500.00	£500.00	→£0.00
2.3.2	Allowance for installation of new signage	#		item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	-
ection Total:	9,000	#	'			2.,300.00	,500.00	2.,000.00	2 = 3.00
Prelimin	ary Estimate								
	stershire County Council Doc: Scenario 3 Cost	Estimate							
roject: Char	rnwood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota						
446 / A60			(Con	tinue	ed)				
Road Ligh	iting Columns and Brackets, CCTV Masts and Cantilever	Masts							
	Road Lighting Columns and Brackets	#							
3.1.1	Galvanized steel road lighting column with flange plate base (including	#	7	nr	£1,200.00	£8,400.00	£1,900.00	£13,300.00	1 £4,900.00
	all control gear, switching, fuses and internal wiring; 10.0m nominal height								
3.1.2	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection,	#	7	nr	£800.00	£5,600.00	£900.00	£6,300.00	1 €700.00
	single arm	#							
3.1.3	Lantern unit with photoelectric control set to switch on at 100 lux; lamps; 250W SON; to suit 8m, 10m and 12m columns	#	7	nr	£900.00	£6,300.00	£1,000.00	£7,000.00	₱£700.00
Section Total:	20,300								
Section Total: Prelimin								<u> </u>	
Prelimin	ary Estimate stershire County Council Doc: Scenario 3 Cost	Estimate							
Prelimin	ary Estimate	Estimate							
Prelimin Client: Leice: Project: Char	ary Estimate stershire County Council Doc: Scenario 3 Cost		Tota	al					
Prelimin Client: Leice: Project: Char Code	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U		Tota (Con		ed)				
Prelimin Client: Leice: Project: Char Code A46 / A60	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U				ed)				
Prelimin Client: Leice: Project: Char Code A46 / A60	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U 07				ed)				
Prelimin Client: Leice: Project: Char Code A46 / A60 Electrical	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U 07 Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals,				£5,000.00	£5,000.00	£5,000.00	£5,000.00	≫ £0.00
Prelimin: Client: Leice: Project: Char Code A46 / A60 Electrical	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U 07 Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation	nit Rate		tinue	£5,000.00	.,		-	→ £0.00
Prelimina Client: Leice: Project: Char Code A46 / A60 Electrical	ary Estimate stershire County Council Doc: Scenario 3 Cost rowood Concept Local Plan Support Description Quantity U 7 Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply	nit Rate		tinue	£5,000.00	£5,000.00 Excluded		£5,000.00 Excluded	€0.00
Prelimin Client: Leice: Project: Char Code A46 / A60 Electrical 4.1.1 4.1.2 ection Total:	ary Estimate stershire County Council Doc: Scenario 3 Cost rowood Concept Local Plan Support Description Quantity U 07 Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 5,000	nit Rate		tinue	£5,000.00	.,		-	≫ £0.00
Prelimin Client: Leice: Project: Char Code A46 / A60 Electrical 4.1.1 4.1.2 Prelimin	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U 07 Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 5,000 ary Estimate	nit Rate		tinue	£5,000.00	.,		-	→ £0.00
Prelimin. Client: Leice: Project: Char Code A46 / A60 Electrical 4.1.1 4.1.2 Election Total: Prelimin Client: Leice:	ary Estimate stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U 07 Works for Road Lighting and Traffic Signs Electrical Works Allowance for the electrical works associated with traffic signals, crossings and lighting column installation New electrical supply 5,000 ary Estimate stershire County Council Doc: Scenario 3 Cost	nit Rate		tinue	£5,000.00	.,		-	- €0.00
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.1.1	Allowance for Traffic Management General Preliminaries				5.00	£13,300.00		123,000.00	№ £11,700.0
.2.1	Preliminaries Preliminaries	#	0	%	£671,172.00	£671,172.00	£1,643,708.03	£657,483.21	<u>⊪</u> -£13 688
ction Tota		#		70	10/1,1/2.00	10/1,1/2.00	11,043,708.03	1037,483.21	-113,000
relimi	nary Estimate								
	cestershire County Council Doc: Scenario 3 Cost	Estimate							
-	narnwood Concept Local Plan Support								
ode	Description Quantity U	nit Rate	Tota						
	anlip Road		(Cont	inue	d)				
ite Clea	arance								
	Site Clearance	,							
1.1	Take up or down and remove to tip off site; precast concrete kerbs	#	651	m	£10.00	£6,510.00	£12.00	£7,812.00	f £1,302.0
1.2	Allowance for removal of traffic signs to store off site	#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	€0.00
1.3	Removal of VRS to tip off site	#	395	m	£50.00	£19,750.00	£65.00	£25,675.00	↑ £5,925.0
1.4	Allowance for removal of gate accessing A46	#	1	item	£50.00	£50.00	£50.00	£50.00	€0.00
1.5	Allowance for vegetation and tree clearance	#	1	item	£3,000.00	£3,000.00	£3,000.00	£3,000.00	€0.00
ction Tota	ıl: 30,310				-		<u> </u>		
relimi	nary Estimate								
	cestershire County Council Doc: Scenario 3 Cost	Estimate							
roject: Ch	narnwood Concept Local Plan Support								
ode	Description Quantity U	nit Rate	Tota	ıl					
46 / W	anlip Road		(Cont	inue	d)				
oad Re	straint Systems (Vehicle and Pedestrian)								
	Vehicle Restraint System (VRS)								
1.1	Beam safety barriers; untensioned beams; single sided corrugated	#	507	m	£80.00	£40,560.00	£77.28	£39,180.96	-£1,379. 0
	beam	#							
1.2	Terminal sections	#	2	nr	£300.00	£600.00	£700.00	£1,400.00	№ £800.00
ction Tota									
	nary Estimate								
	cestershire County Council Doc: Scenario 3 Cost	Estimate							
	narnwood Concept Local Plan Support		_						
ode	Description Quantity U	nit Rate	Tota						
	anlip Road		(Cont	inue	d)				
rainage	e and Service Ducts								
	Surface Water Drainage								
	Surface Water Brainage								
1.1	Allowance for surface water drainage alterations	#	3,207	m2	£35.00	£153,790.00	£40.00	£128,280.00	-£ 25,510
ection Tota Prelimi lient: Leid roject: Ch	Allowance for surface water drainage alterations		3,207		£35.00	£153,790.00	£40.00	£128,280.00	. -£25,510
lient: Leid roject: Ch Code N46 / W	Allowance for surface water drainage alterations il: 153,790 nary Estimate cestershire County Council Doc: Scenario 3 Cost narrwood Concept Local Plan Support Description Quantity U anlip Road			ıl		£153,790.00	£40.00	£128,280.00 N	↓ -£25,510
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ction Tota relimi ient: Leic oject: Ch ode 46 / W arthwo 1.1 1.2 2.1 2.2 3.1 3.2 3.3 4.1 ction Tota relimi ient: Leic oject: Ch ode 46 / W avemer	Allowance for surface water drainage alterations il: 153,790 nary Estimate cestershire County Council Doc: Scenario 3 Cost narrwood Concept Local Plan Support	nit Rate	Tota (Cont 212 593 1,293 1,293 1,293 1,293 1,293 455 3,032 3,032	m3 m	£15.00 £30.00 £30,000.00 £50.00 £50.00 £100.00 dd)	£3,180.00 £17,790.00 £258,600.00 £10,600.00 £29,650.00 £129,300.00 £5,580.00 £15,580.00	£9.59 £35.00 £200.00 £30,000.00 £46.00 £130.43 £72.00 £40.00 £40.00 £40.00 £36.50 £25.50	£20,755.00 £258,600.00 £30,000.00 £30,000.00 £168,645.99 £6,696.00 £168,645.99 £166,696.00 £160,381.00 £160,381.00 £208,284.00	↓-£1,146.0 ↑£2,965.0 →£0.00 ↓-£848.00 ↓-£3,72.0 ↑£39,345. ↑£1,116.0 ↓-£9,885.1 →£0.00 ↑£6,591.0 ↓-£36,756 →£0.00
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p Road ways and Paved Areas	Init Rate							
ways and Paved Aleas		(Cont	inue	d)				
oposed Kerbing				1		1		
oundations to kerbs; mass concrete; 200x100mm	#	646	m	£15.00	£9,690.00	£15.00	£9,690.00	→ £0.00
erbs; bullnosed, splayed or half battered; laid straight or curved	#		m	£40.00	£25,840.00	£40.00	£25,840.00	
ceeding 12m radius	-							
35,530								
	F. C							
	Estimate							
	Init Rate	Tota	ı					
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		(00		۵,				
pad Markings								
lowance for relining of road	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	€0.00
lowance for removal of existing lining	#	1	item	£2,500.00	£2,500.00	£2,500.00	£2,500.00	
affic Signage and Bollards	-							
lowance for reinstatement of existing traffic signage	#	1	item	£1,500.00	£1,500.00	£1,500.00	£1,500.00	⇒ £0.00
lowance for installation of new signage	#	1	item	£2,000.00	£2,000.00	£2,000.00	£2,000.00	∌£0.00
11,000						<u> </u>		
y Estimate								
rshire County Council Doc: Scenario 3 Cost	Estimate							
ood Concept Local Plan Support								
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135,000	-							
v Estimate								
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ood Concept Local Plan Support								
Description Quantity U	Init Rate	Tota	J					
p Road		(Cont	inue	d)				
ınd Ecology								
indscaping and Ecology								
lowance for planting, seeding and imported topsoil to close off A46	#	1	item	£1,000.00	£1,000.00	£1,000.00	£1,000.00	→£0.00
	#	,		61 500 00	51 500 00	61 500 00	61 500 00	N 50 00
	#	!	item	11,500.00	£1,500.00	11,500.00	11,500.00	₩£0.00
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ood Concept Local Plan Support								
Description Quantity U	Init Rate	Tota	.l					
p Road		(Cont	inue	d)				
elopment and Allowance for Unforeseen								
esign Development								
lowance for Design Development	#	20	%		£0.00	£0.00	£0.00	∌ £0.00
lowance for Design Development Iowance for Unforeseen	#	20	%		£0.00	£0.00	£0.00	€0.00
lowance for Unforeseen	# # #	20	%		£0.00	£0.00		⇒ £0.00
lowance for Unforeseen lowance for Unforeseen 944,961	#							
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lowance for Unforeseen Jowance for Unforeseen 944,961 Y ESTIMATE Shire County Council Doc: Scenario 3 Cost ood Concept Local Plan Support Description Cost) S affic Management Lowance for Traffic Management	# # # Estimate	20	%	9.72			£0.00	
lowance for Unforeseen Jowance for Unforeseen 944,961 YESTIMATE Shire County Council Doc: Scenario 3 Cost Ood Concept Local Plan Support Description Quantity Unity Description Quantity Unity Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description De	# # # Estimate	Tota	% .I		£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen 944,961 y Estimate shire County Council Description Description Cost) S affic Management Lowance for Traffic Management eneral Preliminaries eliminaries	# # Estimate	20	% .I	9.72 £2,121,506.00	£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen Joyance for Unforeseen	# # Estimate	Tota	% .I		£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen Joyance for Scenario 3 Cost Joyance for Unforeseen Doc: Scenario 3 Cost Output Description Quantity Quantity Universely Affic Management Joyance for Traffic Management Description Quantity Universely Saffic Management Doc: Scenario 3 Cost Quantity Universely Saffic Management Doc: Scenario 3 Cost Output Doc: Scenario 3 C	######################################	Tota	% .I		£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen Joyance for Unforeseen	######################################	Tota	% .I		£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen 944,961 y Estimate shire County Council Doc: Scenario 3 Cost Description Quantity U h Cost) s affic Management lowance for Traffic Management eneral Preliminaries eliminaries 2,157,506 y Estimate shire County Council Doc: Scenario 3 Cost	#### Estimate Init Rate ### ## Estimate	Tota	% 		£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen 944,961 y Estimate shire County Council Doc: Scenario 3 Cost Ood Concept Local Plan Support Description Quantity U h Cost) s affic Management lowance for Traffic Management eneral Preliminaries eliminaries y_157,506 y Estimate shire County Council Doc: Scenario 3 Cost ood Concept Local Plan Support	#### Estimate Init Rate ### ## Estimate	Tota	% 	£2,121,506.00	£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen 944,961 y Estimate shire County Council Description Cost) Saffic Management Ilowance for Traffic Management eneral Preliminaries 2,157,506 y Estimate shire County Council Doc: Scenario 3 Cost Quantity U Description Description Description Description Description Description Doc: Scenario 3 Cost Output Description Doc: Scenario 3 Cost Output Description Doc: Scenario 3 Cost Output Description Description Quantity U Description Doc: Scenario 3 Cost Output Description Quantity U Description Quantity U Description Quantity U Description Doc: Scenario 3 Cost Output Description Quantity U Description Quantity U Description Quantity U Description	#### Estimate Init Rate ### ## Estimate	Tota	% 	£2,121,506.00	£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen 944.961 y Estimate shire County Council Description h Cost) Saffic Management lowance for Traffic Management eneral Preliminaries eliminaries 2,157,506 y Estimate shire County Council Doc: Scenario 3 Cost Quantity Unit of the Cost Description Doc: Scenario 3 Cost Octobre County Council Doc: Scenario 3 Cost Octobre County Council Description Quantity Unit of Cost)	#### Estimate Init Rate ### ## Estimate	Tota	% 	£2,121,506.00	£0.00	£0.00	£0.00	→ £0.00
lowance for Unforeseen 944.961 y Estimate shire County Council Description Cost) S affic Management lowance for Traffic Management eneral Preliminaries eliminaries 2,157,506 y Estimate Shire County Council Doc: Scenario 3 Cost Quantity Unit of the Cost Description Doc: Scenario 3 Cost Octobre Scenario 3 Cost Octobr	#### Estimate Init Rate ### ## Estimate	Tota O Tota (Cont	% 	£2,121,506.00	£0.00	£0.00	£48,600.00 £2,070,920.34	→ £0.00
lowance for Unforeseen 944,961 y Estimate schire County Council Description Cost) Saffic Management Illowance for Traffic Management eleminaries eleliminaries 2,157,506 y Estimate Schire County Council Description Quantity U Description Description Quantity U Description Description Quantity U Description Quantity U Description Doc: Scenario 3 Cost Octobre Council Doc: Scenario 3 Cost Octobre Council Description Quantity U Description Description Ce Description Description Description Description Description Description	### Estimate Init Rate ## ## Estimate	Tota Tota Conf	%	£2,121,506.00	£36,000.00 £2,121,506.00	£0.00	£48,600.00 £2,070,920.34	↑ £12,600.00
lowance for Unforeseen 944,961 y Estimate schire County Council Description	### Estimate Init Rate ## ## Estimate	Tota Tota (Cont	% I	£2,121,506.00 d)	£36,000.00 £2,121,506.00	£5,177,300.85	£48,600.00 £2,070,920.34	↑£1,076.00 ↑£1,076.00
lowance for Unforeseen 944.961 y Estimate shire County Council Doc: Scenario 3 Cost ood Concept Local Plan Support Description Quantity U h Cost) s affic Management lowance for Traffic Management eneral Preliminaries eliminaries 2,157,506 y Estimate shire County Council Doc: Scenario 3 Cost ood Concept Local Plan Support Description Quantity U h Cost) ce te Clearance take up or down and remove to tip off site; precast concrete kerbs lowance for the removal of existing bollards to tip off site take down and remove to tip off site; lighting column including acket arm and lantern; 10m high	### Estimate ### Estimate ### ### ### ### ### ### ### ### ###	7 Tota Tota (Cont \$ 538 2 5	%	£2,121,506.00 d) f10.00 £35.00 £250.00	£36,000.00 £2,121,506.00 £5,380.00 £70.00 £1,250.00	£5,177,300.85 £5,177,300.85	£48,600.00 £2,070,920.34 £6,456.00 £11,250.00	↑£12,600.00 ↑£12,600.00 ↓-£50,585.6 ↑£1,076.00 ↑£110.00 →£0.00
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The property of the property o	Description Quantity United States of Paragraphics of Concept Local Plan Support Description Quantity United States of Paragraphics of Concept Local Plan Support Description Quantity United States of Paragraphics of Paragr	shire County Council Doc: Scenario 3 Cost Estimate Dod Concept Local Plan Support Description Doc: Scenario 3 Cost Estimate	shire County Council Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Do Road And Road Markings ad Markings	shire County Council Doc: Scenario 3 Cost Estimate Dod Concept Local Plan Support Description Descript	shire County Council Description Description Quantity Unit Rate Owance for reinstallation of new signage Description Description Description Quantity Unit Rate Owance for reinstallation of new signage Description Description Description Doc: Scenario 3 Cost Estimate	shire County Council Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Description Quantity Unit Rate (Continued) Description Doc: Scenario 3 Cost Estimate Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Description Quantity Unit Rate (Continued) Doc: Scenario 3 Cost Estimate Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Description Quantity Unit Rate (Continued) Doc: Scenario 3 Cost Estimate Doc: Scenario 3 Cost Estimate Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Doc: Scenario 3 Cost Estimate Doc Concept Local Plan Support Doc: Scenario 3 Cost Estimate Doc	shine County Council Doc: Scenario 3 Cost Estimate ood Concept Local Plan Support Description Quantity Unit Rate O Road and Road Markings ad Markin	shire County Council Doc: Scenario 3 Cost Estimate ood Concept Local Plan Support Description Quantity Unit Rate Continued) Description Quantity Unit Rate Continued) Total (Continued) Total (Continued)

Continued Description Count Continued Description Continued Cont		ary Estimate								
March 1999 Commander of Service Ducts Continued) Continued		· ·	Estimate							
Decision Continued Decision	Code	Description Quantity U	Init Rat	e Tota	al					
Infants Nation Counting Section Foods				(Con	tinue	ed)				
	Drainage		1		_	I				1
Section Taxal Clinat: Liceocarchical County Causer of Experience Clinatic Liceocarchical County Causer of County Causer	533		#	2.020	2	525.00	100 220 00	640.00	6112 520 00	A C4 4 400 00
Client. Licenseed Screen Source Count of Description Quantity Unit Rate Total (Continued) 1.29 (high Cost) Description Quantity Unit Rate Total (Continued) 1.20 (high Cost) Description Quantity Unit Rate Total (Continued) 1.21 (high Cost) Description Quantity Unit Rate Total (Continued) 1.20 (high Cost) Description Descripti			#	2,838	m2	£35.00	£99,330.00	£40.00	£113,520.00	£14,190.00
Code	Prelimina Client: Leices	ary Estimate stershire County Council Doc: Scenario 3 Cost	Estimate							
March Continued Continue			Init Dat	o Tot	a.l					
Center Control Contr	M1 J23 (H	ligh Cost)	mit Kat			ed)				
material colorism in a 25 and deep 1,000										
1.12 1.12	6.1.1		#	77	m3	£15.00	£1,155.00	£9.59	£738.43	∳ -£416.57
	6.1.2		#	217	m3	£30.00	£6,510.00	£35.00	£7,595.00	♠£1,085.00
Central executation unique bedeaters. Extra one recovation for accordance for executation in accordance of their control and other incursing and other executation for executation for accordance for intelligence of the control and internal internal for internal internal for in			*							
Excession in cutting and other excention for excention in haird			#	0.40						~ 00 00
Early Earl	6.2.1	excavation in cutting and other excavation for excavation in hard		848	m3	£200.00	£169,600.00	£200.00		
6.2.1 Disposal of losgestic (SA) 6.2.2 Disposal of inscreptable nearrial excluding class 5A 6.2.2 Disposal of acceptable nearrial excluding class 5A 6.3.2 Disposal of unacceptable nearrial excluding class 5A 6.3.3 Disposal of unacceptable nearrial excluding class 5A 6.3.3 Disposal of unacceptable nearrial excluding class 5A 6.3.2 Imported Right	6.2.2		#	1	item	£20,000.00	£20,000.00	£20,000.00	£20,000.00	€0.00
6.3.1 Disposal of topical (150) 6.3.2 Disposal of paragraphs of acceptable material excluding class NA 6.3.2 Disposal of unacceptable non hazardous material 6.4.1 Imported rock fill 6.6.1 Imported	621		#				40.6		42 - 1	
### 1900 ### 1900			#		+					1 _
Imported rinch fill			#		_			-		1.
6.4.1 Imported vote, fill	2.3.3		#	040	5	2100.00	254,000.00	2130.43	20,004.04	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Saction Total Sounds (Section Total Section Tota	6.4.1		#	176	m3	£60.00	£10,560.00	£72.00	£12,672.00	↑ £2,112.00
Preliminary Estimate Client: Leicestershire County Council	6.3.2	Imported topsoil	#		+	£40.00				
Client. Liectsetsrible County Council Project. Charmood Concept Local Plan Support Code Description Quantity Unit Rate (Continued) Pavements Proposed Road Works										
Proposed Road Works	Client: Leices Project: Char Code M1 J23 (H	stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U ligh Cost)				ed)				
7.1.1 Granular material; subbase spread and graded; 150mm deep	Pavement		1			ı		1		1
7.1.2 Base course; dense tarmacadam; 150mm deep	711		#	426		670.00	120 820 00	CEE 00	622 420 00	1 4 cc 200 00
7.1.3 Binder course; dense tammacadam; 80mm deep			#		_					
7.1.4 Surface course; rolled asphalt; 40mm deep			# #		_					1
Planing off to surrounding areas 7.2.1 Cold milling pavement. 40mm deep: scarifying surface \$ 4,371 m2 \$ £30.00 £131,130.00 £25.00 £109,275.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7.1.4	Surface course; rolled asphalt; 40mm deep	# #	7,209	m2	£30.00	£216,270.00	£25.50		
7.2.1 Cold milling pavement; 40mm deep; scarifying surface # 4,371 m2 f30.00 f131,130.00 f25.00 f109,275.00 f25.070 Freliminary Estimate Client: Leicestershire County Council Doc: Scenario 3 Cost Estimate Project: Charnwood Concept Local Plan Support Code Description Quantity Unit Rate M1 J23 (High Cost) Kerbs, Footways and Paved Areas Proposed Kerbing	7.1.5	Allowance for night working	#	1	item	£35,000.00	£35,000.00	£35,000.00	£35,000.00	⇒ £0.00
Cold milling pavement; John deep; scarlying surface ### 4,371 m2		Planing off to surrounding areas	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Preliminary Estimate Client: Leicestershire Country Council Doc: Scenario 3 Cost Estimate Project: Charmwood Concept Local Plan Support Code Description Quantity Unit Rate M1 J23 (High Cost) Kerbs, Footways and Paved Areas Proposed Rething		1 - 1 - 1	#	4,371	m2	£30.00	£131,130.00	£25.00	£109,275.00	₩ -£21,855.0
Client: Leicestershire County Council Project: Charmwood Concept Local Plan Support Code Description Quantity Unit Rate M1 J23 (High Cost) Kerbs, Footways and Paved Areas Proposed Kerbing 11.1.1 Foundations to kerbs; mass concrete; 200x100mm ## 816 m										
Proposed Kerbing	Client: Leices Project: Char Code	stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support Description Quantity U				- 4\				
11.1.1 Foundations to kerbing				(Con	ciriue	eu)				
11.1.1 Foundations to kerbs; mass concrete; 200x100mm										
11.1.2 Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius 11.2.1 Subbase to paved area; sloping not exceeding 10 degrees to the horizontal; 100mm thick hardcore 11.2.2 Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick surface course 20mm thick Series 1700 11.2.2 Subbase to paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Series 1700 11.2.2 Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick Series 1700 11.2.2 Section Total: 44,880 Freliminary Estimate Project: Charmwood Concept Local Plan Support Code Description Quantity Unit Rate Total (Continued) Traffic Signs and Road Markings	11.1.1		#	816	m	£15.00	£12,240.00	£15.00	£12,240.00	→ £0.00
Proposed Paving 11.2.1 Subbase to paved area; sloping not exceeding 10 degrees to the horizontal; 100mm thick hardcore 11.2.2 Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick surface			#							•
Subbase to paved area; sloping not exceeding 10 degrees to the horizontal: 100mm thick hardcore 11.2.2 Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick; comprising binder course 40mm thick and surface course 20mm thick; comprising binder course 40mm thick and surface course 20mm thick series 1700 Section Total: 44,880 Preliminary Estimate Client: Leicestershire County Council Doc: Scenario 3 Cost Estimate Project: Charnwood Concept Local Plan Support Code Description Quantity Unit Rate M1 J23 (High Cost) Traffic Signs and Road Markings Road Markings Road Markings 12.1.1 Allowance for relining of road # 1 Item #5,000.00 #5										
horizontal; 100mm thick hardcore 11.2.2 Paved area; 60mm thick; comprising binder course 40mm thick and surface course 20mm thick series 1700 Section Total: 44,880 Preliminary Estimate Client: Leicestershire County Council Doc: Scenario 3 Cost Estimate Project: Charnwood Concept Local Plan Support Code Description Quantity Unit Rate M1 J23 (High Cost) Road Markings Road Markings 12.1.1 Allowance for relining of road # 1 item £5,000.00 £5,000.00 £5,000.00 £5,000.00 £1,000.00 £5,000	11.2.1						Included within	£35.00	£0.00	⇒£0.00
surface course 20mm thick Section Total: 44,880 Preliminary Estimate Client: Leicestershire County Council Doc: Scenario 3 Cost Estimate Project: Charnwood Concept Local Plan Support Code Description Quantity Unit Rate Total (Continued) Traffic Signs and Road Markings Road Markings Road Markings 12.1.1 Allowance for relining of road # 1 Item £5,000.00 £5		horizontal; 100mm thick hardcore						133.00		
Preliminary Estimate Client: Leicestershire County Council Doc: Scenario 3 Cost Estimate Project: Charmwood Concept Local Plan Support Code Description Quantity Unit Rate Total M1 J23 (High Cost) Traffic Signs and Road Markings Road Markings Road Markings 12.1.1 Allowance for relining of road # 1 item £5,000.00		surface course 20mm thick						£65.00	£0.00	∌£0.00
Code Description Quantity Unit Rate Total (Continued) Traffic Signs and Road Markings Road Markings 12.1.1 Allowance for reinstallation of existing toucan crossings including Toucan Crossings 12.2.1 Allowance for reinstallation of existing toucan crossings including Toucan Crossings 12.2.1 Allowance for reinstallation of existing toucan crossings including Toucan Crossings Total (Continued) Titlem	Prelimin	ary Estimate	Estimate							
Road Markings	Code M1 J23 (H	Description Quantity Uligh Cost)	Init Rat			ed)				
12.1.1 Allowance for relining of road # 1 item £5,000.00 £5,000.00 £5,000.00 £5,000.00 \$12.1.2 Allowance for removal of existing lining # 1 item £5,000.00 £5,000.00 £5,000.00 £5,000.00 \$12.1.2 Allowance for removal of existing lining # 1 item £5,000.00 £5,000.00 £5,000.00 \$12.1.2 Allowance for reinstallation of existing toucan crossings including # 5 nr £35,000.00 £175,000.00 £33,000.00 £165,000.00 \$1.1										
12.1.2 Allowance for removal of existing lining # 1 item £5,000.00 £5,000.00 £5,000.00 £5,000.00 Toucan Crossings	12.1.1		#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	→ £0.00
Toucan Crossings # 5 nr £35,000.00 £175,000.00 £33,000.00 €165,000.00 ♥-			# #		_	£5,000.00				t
		Toucan Crossings								
	12.2.1		#	5	nr	£35,000.00	£175,000.00	£33,000.00	£165,000.00	∳ -£10,000.0
markings, tactiles, beacons, lights and signs Traffic Signage and Bollards		markings, tactiles, beacons, lights and signs Traffic Signage and Bollards								
12.3.1 Allowance for reinstatement of existing traffic signage # 1 item £1,500.00 £1,500.00 £1,500.00 €1,	12.3.1		#	1	item	£1,500.00	£1,500,00	£1.500.00	£1.500.00	->£0.00
12.3.2 Allowance for installation of new signage # 1 item £5,000.00 £5,000.00 £5,000.00 £5,000.00 \$5,000.00 \$6,000.0			#	1	_					t

12.3.3	Illuminated bollards fixed to concrete base	#	2	nr	£750.00	£1,500.00	£850.00	£1,700.00	↑ £200.00
Section Total: Prelimin:	193,000 ary Estimate								
	stershire County Council Doc: Scenario 3 Cost	Estimate							
-	rnwood Concept Local Plan Support								
Code M1 J23 (H	Description Quantity U	ınıt Kate	Tota (Cont		ad)				
	iting Columns and Brackets, CCTV Masts and Cantilever	Masts	(COIII	illuc	cu)				
	Road Lighting Columns and Brackets								
13.1.1	Galvanized steel road lighting column with flange plate base (including	#	5	nr	£1,200.00	£6,000.00	£1,900.00	£9,500.00	♠ £3,500.00
	all control gear, switching, fuses and internal wiring; 10.0m nominal height								
13.1.2	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection, single arm	#	5	nr	£800.00	£4,000.00	£900.00	£4,500.00	₱£500.00
13.1.3	Lantern unit with photoelectric control set to switch on at 100 lux;	# #	5	nr	£900.00	£4,500.00	£1,000.00	£5,000.00	♠ £500.00
Section Total:	lamps; 250W SON; to suit 8m, 10m and 12m columns 14,500								
	ary Estimate								
Client: Leices	stershire County Council Doc: Scenario 3 Cost	Estimate							
Project: Char Code	rnwood Concept Local Plan Support Description Quantity U	Init Dato	Tota	ı					
Coue M1 J23 (H		iiii Kate	(Cont		ed)				
	Works for Road Lighting and Traffic Signs		``						
	Electrical Works	#							_
14.1.1	Allowance for the electrical works associated with traffic signals, crossings and lighting column installation	#	1	item	£25,000.00	£25,000.00	£25,000.00	£25,000.00	≫ £0.00
14.1.2	New electrical supply					Excluded	Excluded		
Section Total:	25,000								
	ary Estimate stershire County Council Doc: Scenario 3 Cost	Estimate							
	rnwood Concept Local Plan Support								
Code	Description Quantity U	Init Rate							
M1 J23 (H	ligh Cost) I Embedded Retaining Walls		(Cont	tinue	ed)				
Tilling and	Retaining Wall								
16.1.1	Retaining wall; Keystone precast concrete blocks; 1.0m high; Includes	#	138	m	£600.00	£82,800.00	£620.00	£85,560.00	↑ £2,760.00
Section Total:	foundation 82,800								
	ary Estimate								
Client: Leices	stershire County Council Doc: Scenario 3 Cost	Estimate							
Project: Char Code	rnwood Concept Local Plan Support Description Quantity U	Init Date	Tota	ı					
M1 J23 (H		iiii Kate	(Cont		ed)				
-	Concrete		Ť						
	Foot and Cycle Bridge	#		_					
17.1.1	Reinforced insitu concrete with precast beams; inclusive of excavation, reinforcement, formwork, concrete, bearings expansion joints, deck	#	658	m2	£6,000.00	£3,900,000.00	£5,760.00	13,790,080.00	₩ -£109,920.00
	waterproofing, deck finishings; P6 parapet, span exceeding 20m								
17.1.2 Section Total:	Extra over for jump prevention 3,900,000					Excluded	Excluded		
Prelimina	ary Estimate								
	stershire County Council Doc: Scenario 3 Cost	Estimate							
Project: Char Code	rnwood Concept Local Plan Support Description Quantity U	Init Rate	Tota	ıl					
M1 J23 (H		The Hate	(Cont		ed)				
Landscape	e and Ecology								
	Landscaping and Ecology	#							_
30.1.1	Allowance for restoring the existing landscape following the works Allowance for planting and seeding works to newly introduced island	##		item	£500.00	£500.00		£500.00 £1,000.00	→ £0.00
Section Total:	1,500	#		.ceiii	21,000.00	21,000.00	21,000.00	21,000.00	∠ 10.00
	ary Estimate								
	stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support	Estimate							
Project: Char Code	Description Quantity U	Init Rate	Tota	ıl					
M1 J23 (H	ligh Cost)		(Cont		ed)				
Design De	evelopment and Allowance for Unforeseen								
60.1.1	Design Development Allowance for Design Development	#	20	%		£0.00	CO 00	CO 00	- > co oo
00.1.1	Allowance for Unforeseen	#	20	70		£0.00	£0.00	±0.00	→ £0.00
50.2.1	Allowance for Unforeseen	#	20	%		£0.00	£0.00	£0.00	→ £0.00
Section Total:	2,984,508								
	ary Estimate	Estimate							
	stershire County Council Doc: Scenario 3 Cost rnwood Concept Local Plan Support	LStiifiate							
Code	Description Quantity U	Init Rate	Tota	ıl					
M1 J23 (Lo									
Preliminar									
1.1.1	Traffic Management Allowance for Traffic Management				5.00	£11,750.00		f25 000 00	↑ £13,250.00
					5.00	111,730.00		123,000.00	·

	General Preliminaries							
.2.1	Preliminaries	#	0	%	£83,120.00	£83,120.00	£163,456.61	£65,382.64 \(\psi\)-£17,737
ection Tota	al: 94,870						•	
	nary Estimate							
	cestershire County Council Doc: Scenario 3 Cost	Estimate						
Code	narnwood Concept Local Plan Support Description Quantity U	Init Rate	Tota	al .				
	(Low Cost)	mic nacc	(Con		ed)			
ite Clea	arance		· ·					
	Site Clearance							
.1.1	Take up or down and remove to tip off site; precast concrete kerbs	#	51	m	£10.00	£510.00	£12.00	£612.00 ↑ £102.00
.1.2	Allowance for the removal of existing bollards to tip off site	#	1	nr	£100.00	£100.00	£90.00	£90.00 -£10.00
.1.4	Take down and remove to tip off site; lighting column including	#	2	nr	£250.00	£500.00	£250.00	£500.00 =>£0.00
.1.5	bracket arm and lantern; 10m high Allowance for removal of traffic signs to tip off site	#	1	item	£500.00	£500.00	£500.00	£500.00 \$\infty\$£0.00
.1.7	Allowance for removal of traffic signals to store off site	#	1	item	£150.00	£150.00	£150.00	£150.00 \$£0.00
ection Tota		#	<u>'</u>	ittein	2130.00	2130.00	2130.00	2130.00 - E0.00
Prelimi	nary Estimate							
Client: Leid	cestershire County Council Doc: Scenario 3 Cost	Estimate						
-	narnwood Concept Local Plan Support		_					
Code	Description Quantity U	Init Rate			15			
_	(Low Cost)		(Con	tinue	ed)			
Ji aiiiaye	e and Service Ducts	I	1					
.1.1	Surface Water Drainage Allowance for surface water drainage alterations	#	341	m2	£35.00	£11,935.00	£40.00	£13,640.00 1,705.0
ection Tota	-	#	341	IIIZ	155.00	111,933.00	140.00	£13,640.00 N£1,705.
	nary Estimate							
	cestershire County Council Doc: Scenario 3 Cost	Estimate						
roject: Ch	narnwood Concept Local Plan Support							
Code	Description Quantity U	Init Rate						
_	(Low Cost)		(Con	tinue	ed)			
arthwo					1			
	General Excavation	#	_	_				
.1.1	Excavation of acceptable material Class 5A; using backacters and tractor loaders n.e 3.0m deep	#	8	m3	£20.00	£160.00	£9.59	£76.72 -£83.28
.1.2	Excavation of acceptable material excluding 5A; using backacters and	#	22	m3	£40.00	£880.00	£35.00	£770.00 -£110.0
	tractor loaders n.e 3.0m deep							
	Hard Excavation	#						
.2.1	General excavation using backacters; Extra over excavation for excavation in cutting and other excavation for excavation in hard	#	123	m3	£220.00	£27,060.00	£200.00	£24,600.00
	material							
.2.2	Extra over allowance for inefficiency	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00 => £0.00
	Disposal of Excavated Material to Tip							
5.3.1	Disposal of topsoil (5A)	#		m3	£50.00	£400.00	£46.00	£368.00 -£32.00
.3.2	Disposable of acceptable material excluding class 5A	#	22	_	£50.00	£1,100.00	£46.00	£1,012.00
.3.3 ection Tota	Disposal of unacceptable non hazardous material	#	123	m3	£100.00	£12,300.00	£130.43	£16,042.89 1 £3,742.
	nary Estimate cestershire County Council Doc: Scenario 3 Cost	Ectimate						
	narnwood Concept Local Plan Support	Littinate						
Code	Description Quantity U	Init Rate	Tota	al				
M1 J23 ((Low Cost)		(Con	tinue	ed)			
Pavemer	nts							
	Proposed Road Works							
.1.1	Granular material; subbase spread and graded; 150mm deep	#	51	m3	£70.00	£3,570.00	£55.00	£2,805.00 -£765.0
.1.2	Base course; dense tarmacadam; 150mm deep	# #	341	m2	£40.00	£13,640.00	£40.00	£13,640.00
.1.3	Binder course; dense tarmacadam; 80mm deep	#	341	m2	£35.00	£11,935.00	£36.50	£12,446.50
.1.4	Surface course; rolled asphalt; 40mm deep	#	937	m2	£30.00	£28,110.00	£25.50	£23,893.50 -£4,216
.1.5	Allowance for night working	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00 \$\ightarrow\$£0.00
	Planing off to surrounding areas	#						
.2.1 ection Tota	Cold milling pavement; 40mm deep; scarifying surface	#	596	m2	£30.00	£17,880.00	£25.00	£14,900.00 -£2,980
	nary Estimate cestershire County Council Doc: Scenario 3 Cost	Estimate						
lient: Lei	narnwood Concept Local Plan Support							
llient: Leid roject: Ch		Init Rate	Tota	al				
llient: Leid roject: Ch Code	narnwood Concept Local Plan Support	Init Rate	Tota (Con		ed)			
Client: Leid roject: Ch Code M1 J23 (narnwood Concept Local Plan Support Description Quantity U	Jnit Rate			ed)			
Client: Leid roject: Ch Code M1 J23 (narnwood Concept Local Plan Support Description Quantity U (Low Cost)				ed)			
Client: Leid Project: Ch Code M1 J23 (Kerbs, F	narnwood Concept Local Plan Support Description Quantity U (Low Cost) Ootways and Paved Areas	# #	(Con	tinue _m	ed)	£480.00	£15.00	£480.00 >£0.00
Client: Leid Project: Ch Code M1 J23 (narnwood Concept Local Plan Support Description Quantity U (Low Cost) Ootways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm Kerbs; bullnosed, splayed or half battered; laid straight or curved		(Con	tinue		£480.00 £1,280.00	£15.00 £40.00	£480.00 \$\infty £0.00 \\ £1,280.00 \$\infty £0.00
Client: Leic Project: Ch Code M1 J23 (Kerbs, F	Description Quantity U (Low Cost) Ootways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius	# # #	(Con	tinue _m	£15.00			
Client: Leid Project: Ch Code M1 J23 (Kerbs, F	Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius 1,760	# # #	(Con	tinue _m	£15.00			
Client: Leid roject: Ch Code M1 J23 (Kerbs, F 1.1.1 1.1.2 ection Tota	narnwood Concept Local Plan Support Description Quantity U (Low Cost) Ootways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius 1: 1,760 nary Estimate	# # #	(Con	tinue _m	£15.00			
Client: Leic Project: Ch Code M1 J23 (Kerbs, F 1.1.1 1.1.2 ection Tota Prelimi	Description Quantity U (Low Cost) Ootways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius 1: 1,760 nary Estimate	# # #	(Con	tinue _m	£15.00			
Cerbs, F 1.1.1 1.1.2 ection Tota lient: Leic	narnwood Concept Local Plan Support Description Quantity U (Low Cost) Cootways and Paved Areas Proposed Kerbing Foundations to kerbs; mass concrete; 200x100mm Kerbs; bullnosed, splayed or half battered; laid straight or curved exceeding 12m radius al: 1,760 nary Estimate cestershire County Council Doc: Scenario 3 Cost	######################################	32 32	m m	£15.00			

	igns and Road Markings	1							i
	Road Markings	,,							
2.1.1	Allowance for relining of road	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	→£0.00
2.1.2	Allowance for removal of existing lining	#	1	item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	∌£ 0.00
	Traffic Signals								
2.2.1	Allowance for re-erection of existing traffic signals	#	1	item	£200.00	£200.00	£200.00	£200.00	∌£0.00
	Traffic Signage and Bollards								
2.3.2	Allowance for installation of new signage	#	1	item	£2,000.00	£2,000.00	£2,000.00	£2,000.00	≫ £0.00
2.3.3	Illuminated bollards fixed to concrete base	#	1	nr	£750.00	£750.00	£850.00	£850.00	↑£100 .
ection Total	l: 12,950								
Prelimii	nary Estimate								
lient: Leic	cestershire County Council Doc: Scenario 3 Cost	Estimate							
-	arnwood Concept Local Plan Support								
Code	Description Quantity U	nit Rate	Tota						
•	Low Cost)		(Cont	inue	d)				
Road Lig	thting Columns and Brackets, CCTV Masts and Cantilever	Masts							
	Road Lighting Columns and Brackets								
3.1.1	Galvanized steel road lighting column with flange plate base (including	#	2	nr	£1,200.00	£2,400.00	£1,900.00	£3,800.00	1,400 £1,400
	all control gear, switching, fuses and internal wiring; 10.0m nominal height								
3.1.2	Galvanized steel bracket arm with 5 degree uplift; 1.5m projection,	#	2	nr	£800.00	£1,600.00	£900.00	£1,800.00	1 £200.0
	single arm	#				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,	
3.1.3	Lantern unit with photoelectric control set to switch on at 100 lux;	#	2	nr	£900.00	£1,800.00	£1,000.00	£2,000.00	1 £200.
ection Total	lamps; 250W SON; to suit 8m, 10m and 12m columns								
	nary Estimate	F							
	cestershire County Council Doc: Scenario 3 Cost larnwood Concept Local Plan Support	Estimate							
Code	Description Quantity U	nit Dato	Tota						
	Low Cost)	iii Kale	(Cont		4)				
	l Works for Road Lighting and Traffic Signs		(COIII	illuet	1)				
Liectifica		1							1
	Electrical Works Allowance for the electrical works associated with traffic signals,	#		item	£5,000.00	£5,000.00	£5,000.00	£5,000.00	~ 00 00
4.1.1		#		item	15,000.00	15,000.00	15,000.00	15,000.00	₹U.UU
4.1.1									
	crossings and lighting column installation					Excluded	Excluded		
14.1.1 14.1.2 Section Total	crossings and lighting column installation New electrical supply					Excluded	Excluded		
4.1.2 ection Total	crossings and lighting column installation New electrical supply 1: 5,000					Excluded	Excluded		
4.1.2 lection Total Prelimii	crossings and lighting column installation New electrical supply	Estimate				Excluded	Excluded		
4.1.2 ection Total Prelimii Client: Leic	crossings and lighting column installation New electrical supply 1: 5,000 nary Estimate	Estimate				Excluded	Excluded		
4.1.2 ection Total Prelimii Client: Leic Project: Ch	crossings and lighting column installation New electrical supply 1: 5,000 nary Estimate estershire County Council Doc: Scenario 3 Cost		Tota	ı		Excluded	Excluded		
4.1.2 ection Total Prelimit Client: Leic Project: Ch	crossings and lighting column installation New electrical supply 5,000 nary Estimate Eestershire County Council Doc: Scenario 3 Cost Doch Scenario 3 Cost		Tota (Cont		d)	Excluded	Excluded		
4.1.2 Prelimin Client: Leic Project: Ch Code M1 J23 (1)	crossings and lighting column installation New electrical supply 1: 5,000 mary Estimate Lestershire County Council Doc: Scenario 3 Cost Larnwood Concept Local Plan Support Description Quantity U				d)	Excluded	Excluded		
4.1.2 Prelimin Client: Leic Project: Ch Code M1 J23 (1)	crossings and lighting column installation New electrical supply 1: 5,000 mary Estimate Lestershire County Council Doc: Scenario 3 Cost Larnwood Concept Local Plan Support Description Quantity U Low Cost)				1)	Excluded	Excluded		
4.1.2 Prelimir Client: Leic Project: Ch Code M1 J23 (I Design E	crossings and lighting column installation New electrical supply 1: 5,000 nary Estimate estershire County Council Doc: Scenario 3 Cost larnwood Concept Local Plan Support Description Quantity U Low Cost) Development and Allowance for Unforeseen				1)			00.03	⇒ 60.00
4.1.2 Prelimin Client: Leic Project: Ch Code M1 J23 (1)	crossings and lighting column installation New electrical supply 1: 5,000 mary Estimate Lestershire County Council Doc: Scenario 3 Cost Description Quantity U Low Cost) Development and Allowance for Unforeseen Design Development	nit Rate	(Cont	inue	1)	Excluded		£0.00	≫ £0.00

Appendix 7 – Jacobs Estimate with AECOM comments on assumptions and exclusions

1.3 Type of Estimate

This is a Jacobs Class 4 Cost Estimate, where the level of project definition is typically deemed to be between - 1% and 15% defined.

Jacobs Class 4 Cost Estimates are typically used during the initial stages of a capital expenditure programme where there is an increase of firm or verifiable information for the initial evaluation of the project.

1.4 Range of Accuracy

All estimates are classified in accordance with Jacobs MPPG Quantity Surveying Mandatory Procedures. Jacobs classify estimates based upon the amount and quality of the information available at the time the estimate is delivered, and this Class 4 Cost Estimate has an expected overall range of accuracy of -30% to +40% as per the table below: -

ESTIMATE CLASS	MATURITY LEVEL OF PROJECT DEFINITION DELIVERABLES	END USAGE Typical purpose of Estimate	METHODOLOGY Typical Estimating Method	EXPECTED ACCURACY RANGE
Class 5 RIBA Class 0	0% - 2%	Generally prepared based on very limited information Strategic business planning purposes, assessment of initial viability, evaluation of alternate schemes, project screening, project location studies, evaluation of resource needs and budgeting, long-range capital planning	High level analogous or parametric estimating using m2 (or similar measurement type) comparison to similar building type. Measurement applied to unit rates from database (BCIS/Previous projects etc.)	- 50% to +50%
Class 4 RIBA Class 0/1	1% - 15%	Generally prepared based on limited information Detailed strategic planning, option appraisal business development, project screening at more developed stages, option appraisal analysis, confirmation of economic and/or technical feasibility, establish feasibility working cost estimate for preliminary budget approval	High level analogous or parametric estimating using m2 (or similar measurement type) comparison to similar building type. Site-specific cost influencers considered. Specific high value items identified and costed. Measurements applied to unit rates from database (BCIS/Previous projects etc.)	- 30% to + 40%
Class 3 RIBA Class 1/2	10% - 40%	Generally based on outline design and brief information To support final detailed option selection and establish preliminary cost estimate for funding requests becoming the first "control estimate" against which design development estimates will be monitored for variations to the budget. They are used as the project budget until replaced by more detailed estimates.	Approximate quantification of elemental costs / labour, plant materials costs where possible applied to unit rates from previous projects/pricing books. Application of m2 (or similar measurement type) to elemental costs where necessary applied to unit rates from database (BCIS/Previous projects etc.)	- 20% to + 30%
Class 2 RIBA Class 2/3	30% - 75%	Generally based on developed design and definitive brief information for single design solution Establish detailed design cost estimate, prepared as the developed baseline cost for the selected design solution against which design developments will be monitored for variations to the budget, and form a part of the design change/variation control programme	Detailed quantification and application of unit rates/labour, plant materials costs where possible applied to unit rates from previous projects/pricing books. M2 elemental rates where necessary, Determination of programme/schedule costs; soft market testing; 3-point estimating where appropriate	- 10% to + 15%
Class 1 RIBA Class 4	65% - 100%	Based on fully developed tender package information Generally prepared as a pre-tender estimate to be used for final budget setting and tender return comparison purposes	Bottom up estimate using current rates established from recent projects/budget quotations/market testing applied to quantification or activity schedules and programme within tender documents or established from detailed measurement	- 5+ 5%

Note: [a] the state of construction complexity and availability of applicable reference cost data affect the range markedly. The +/- value represents typical percentage variation of actual cost from the cost estimate after application of contingency (typically at a 50% level of confidence) for given scope.

1.5 Methodology / Estimate Approach

This cost estimate is based on quantities obtained from the Concept Drawings developed by Jacobs for Leicestershire County Council and rates from the SPONS Pricing Books 2022 and similar recently tendered schemes. The base date of this estimate is $\underline{022022}$

The following allowances have been made for Preliminaries on each development. Note that these allowances have been uplifted from what they would usually be, this is to capture the impacts of increased NI contributions and the red diesel levy.

There are variances between the preliminary percentages on different developments. This is to reflect the differences in scale of each development in relation to one another and the quantity of labour and plant intensive works required on each development such as excavation and pavement works.

A6 / A6004: 45%

A46 / A6: 35%

A6 / Cossington Lane: 45%

A50 / Lena Drive: 45%

A607 / Fosse Way: 50%

A6004 Epinal Way / Alan Moss Road: 50%

A6004 Epinal Way / Beacon Road: 45%

Epinal Way / Warwick Way: 45%

A46 / A50 : 40%

A46 / A607: 45%

A46 / Wanlip Road: 40%

M1 J23 (High Cost): 40%

M1 J23 (Low Cost): 50%

3

2. Qualifications, Assumptions and Exclusions

2.1 Qualifications

Any measurement contained within this document should not be relied upon for any other purpose other than the formulation of this cost estimate.

The figures reported in this estimate are not considered "Bankable". Information from this estimate cannot be used by third parties (i.e. banks brokers, investors or underwriters).

2.2 Assumptions

Generally

- Costs based upon a single contractor appointment following competitive tender process
- Costs based upon a Traditional procurement route
- Rates taken from SPONS Price Books 2022 and similar recently tendered projects, with some adjustments to rates to account for differences in scale of the works
- Estimate includes an allowance for design development and contingency. However, we recommend that this is supported by a quantified risk analysis
- Priced at Q2 2022
- No adjustments have been made to include for tender or construction inflation
- Priced for standard bullnosed / hard battered kerbs 125mm x 150mm
- Works to be undertaken during normal working hours except where stated
- Extra over allowances have been included for in relation to earthworks and new pavements based on the assumption that 1 lane will remain open at a time to ensure traffic flow and that new pavements will be laid during night time hours
- An allowance has been made for amendments to surface water drainage at the areas of full reinstatement only
- From road level, excavation will be 420mm deep meaning that the road thickness when reinstated will be 420mm. On footpaths where excavation is required for road realignment, excavation will be taken down an extra 150mm to account for the difference in level
- Where there is significant carriageway realignment both sides, the whole road will be fully excavated and
 reinstated however, where there is slight realignment both sides or realignment on one side, full
 reinstatement will go out about half way into the road as well as onto any existing paving to ensure the
 new road structure ties in with the existing
- Assumed all excavated material other than the existing road is acceptable material
- Assumed 15km to the nearest tip
- No land acquisition charges have been considered
- Removal of road markings to be carried out by hydro-blasting

- Excavation for footways (where required) is included under Series 600 items
- Edging is to be provided to all footways and is either one or two sided as per the associated drawing
- Existing lighting columns which need taking up for road realignment will be replaced with new ones to the same positions if possible or nearby
- Footway and traffic island build up can be found in section 11.2 of Appendix A
- Allowances have been made for restoring surrounding landscape which includes general making good works and also some additional planting and turfing. Allowances have also been made for where grass verges are to be constructed or extended
- Kerbing build outs are to be constructed on top of existing road and are built up as per footways where
 paving is present or are to receive topsoil and turfing
- Cold milling will be carried out to a depth of 40mm to the areas surrounding where full reinstatement has been carried out to ensure that the road surface is level
- Existing traffic signage is to be stored off site and reused where possible. Where there are significant changes e.g. introduction of a new left turn lane, some new signage will be provided as well as reinstating the existing signage
- An allowance for the cost of motorway possessions and closures has not been included in this estimate
- For the purpose of this estimate, it is assumed that where VRS is taken up it will be replaced with the same quantity of new VRS
- Rates for items including concrete and steel have been uplifted further than usual to take account of the current material cost rises
- Prelims have been uplifted to take account of increased NI and the red diesel levy

A6 / A6004 Specific

- VRS is to remain in place on the Eastern arm of the junction
- Traffic Management allowance has been calculated based on a 10-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures to allow the junction to remain open during the works
- Assumed that two days will be required to carry out road relining. One day would only be required for removal as most of this will be done through the excavation and milling process
- Allowances for both reinstatement of existing crossings and new crossing installation has been made at each stop line which includes traffic signals, tactile paving, beacons, signage and associated road markings
- On the Northbound arm, one tree is to be removed and replanted to accommodate the new shared use footway
- No works to Westbound arm other than removal and relining of the road and relocation of the crossing as specified on the drawing. The crossing parallel from it is to remain in place
- Since the existing crossing being moved is being moved significantly, this has been assumed to fall within the rate for a new toucan crossing

A46 / A6 Specific

- Traffic Management allowance has been calculated based on a 20-week programme. Included within the allowance is the provision of 3-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that two days will be required to carry out road relining. One day would only be required for removal as most of this will be done through the excavation and milling process
- An allowance for existing crossings to be reinstated has been made at each stop line which includes traffic signals, tactile paving, beacons, signage and associated road markings
- Retaining wall rate is based on Forticrete Ltd Keystone precast concrete block wall 1.0m high and is assumed to be required to the North East of the junction where the left turn bypass is being built
- Assumed that some imported fill is required to level out the road which is going out onto the sloping surface. Up to 1.0m deep
- An allowance has been made for tree and vegetation removal along the Southern arm heading Southbound and also where the left turn bypass is being built as well as replanting works for trees, shrubs etc.
- The same amount of fencing being taken up is assumed to be disposed of and replaced with new fencing at the same length

A6 / Cossington Lane Specific

- Traffic Management allowance has been calculated based on a 10-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that one day will be required to carry out road relining and one day for removal of existing as
 most of this will be done through the excavation and milling process
- An allowance for zebra crossings has been made for the offset pedestrian crossings noted on the drawing which includes tactile paving, beacons, signage and associated road markings
- Overrun area has been assumed to be built up to a height of 90mm sloping to existing road with a circular road marking at the base. This has been allowed for within items 7.1.1 and 7.1.4
- Roundabout centre to be built up as per refuge islands and footways
- 1 nr bollard per island and at roundabout centre

A50 / Lena Drive Specific

- Existing road markings are to be removed through the excavation and planing off process
- Traffic Management allowance has been calculated based on a 8-week programme. Included within the allowance is the provision of 3-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that one day will be required to carry out road relining and no existing marking removal required as this will be fully completed through the milling and excavation process
- An allowance for toucan crossings has been made at each stop line which includes traffic signals, tactile paving, beacons, signage and associated road markings

A607 / Fosse Way Specific

- Excavated topsoil to be retained on site and backfilled with additional imported fill
- Islands to be fully excavated and reinstated
- Traffic Management allowance has been calculated based on a 4-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that one day will be required to carry out road relining and One day for removal of existing as
 most of this will be done through the excavation and milling process
- An allowance for toucan crossings has been made at each stop line which includes traffic signals, tactile paving, beacons, signage and associated road markings
- 2 nr bollards to be installed per traffic island

A6004 Epinal Way / Alan Moss Road Specific

- Traffic Management allowance has been calculated based on a 3-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that two days will be required to carry out road relining. One day would only be required for removal as most of this will be done through the excavation and milling process

A6004 Epinal Way / Beacon Road Specific

- Traffic Management allowance has been calculated based on a 8-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that one day will be required to carry out road relining and One day for removal of existing as
 most of this will be done through the excavation and milling process
- Retaining wall rate is based on Forticrete Ltd Keystone precast concrete block wall 1.0m high and is to be installed to both sides of the newly constructed free flow lane and footpath
- Assumed that some imported fill is required to level out the road which is going out onto the sloping surface. Up to 1.0m deep

Epinal Way / Warwick Way Specific

- Traffic Management allowance has been calculated based on a 6-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that one day will be required to carry out road relining and One day for removal of existing as
 most of this will be done through the excavation and milling process

A46 / A50 Specific

- New traffic island is to be paved rather than landscaped
- Traffic Management allowance has been calculated based on a 14-week programme. Included within the allowance is the provision of 3-way temporary traffic lights and costs associated with lane closures as per previous

- Assumed that two days will be required to carry out road relining. No works would be required for
 existing marking removal as it is assumed that this will be completed through the excavation and milling
 process
- An allowance for existing traffic signals to be installed to different locations has been made

A46 / A607 Specific

- Traffic Management allowance has been calculated based on a 10-week programme. Included within the allowance is the provision of 2-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that two days will be required to carry out road relining. One day would only be required for removal as most of this will be done through the excavation and milling process

A46 / Wanlip Road Specific

- Works to Pochin Bridge have been excluded as it is not yet clear whether structural alterations are
 required. It is noted however that the works required here if alterations are required to the bridge would
 make up a substantial amount of the final cost and therefore this should be revisited at a later date when
 required works become more defined
- A46 access is to be closed off with imported topsoil and planting
- Traffic Management allowance has been calculated based on a 10-week programme. Included within the allowance is the provision of 3-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that two days will be required to carry out road relining. One day would only be required for removal as most of this will be done through the excavation and milling process
- Retaining wall rate is based on Forticrete Ltd Keystone precast concrete block wall 1.0m high and will go along the Leicester Western Bypass Westbound up to where the first section of VRS ends and the existing pathway begins
- Assumed that some imported fill is required to level out the road which is going out onto the sloping surface. Up to 1.0m deep

M1 J23 (High Cost) Specific

- Assumed that the layby is hard material and is to be excavated as such
- Traffic Management allowance has been calculated based on a 30-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that two days will be required to carry out road relining. One day would only be required for removal as most of this will be done through the excavation and milling process
- Retaining wall rate is based on Forticrete Ltd Keystone precast concrete block wall 1.0m high and will be constructed to support the new left turn bypass lane
- Assumed that some imported fill is required to level out the road which is going out onto the sloping surface. Up to 1.0m deep

- The allowance for the foot and cycle bridge is inclusive of the following; reinforced insitu concrete with
 precast beams; inclusive of excavation, reinforcement, formwork, concrete, bearings expansion joints,
 deck waterproofing, deck finishes, P6 parapet with a span exceeding 20m and width not exceeding 6m
- The only paving works (11.2) required are to the new foot and cycle bridge and are included in the total cost under Series 1700
- Newly introduced island to be filled with topsoil and receive seeding and planting
- Assumed that two days will be required to carry out road relining and two days for existing marking removal

M1 J23 (Low Cost) Specific

- Assumed that the layby is hard material and is to be excavated as such
- Traffic Management allowance has been calculated based on a 3-week programme. Included within the allowance is the provision of 4-way temporary traffic lights and costs associated with lane closures as per previous
- Assumed that two days will be required to carry out road relining and two days for existing marking removal

2.3 Exclusions

The following are exclusions to this cost estimate. It is recommended that the items listed are fully understood by the Client, as they may need to be identified and covered by other funds, where appropriate.

Generally

- All other works not identified within this cost estimate
- Out of hours / weekend working not allowed for except where stated
- Inflation, both in relation to tender and construction, has been excluded
- Costs associated with contaminated land, UXO's and environmental requirements
- Costs associated with ecological and archaeological finds
- Maintenance costs
- Any costs associated with statutory undertakers
- Hazardous material excavation and disposal
- Costs resulting from tariffs or other charges following the withdrawal of the UK from the European Union
- Costs resulting from Covid-19 or similar events
- Professional Fees
- Insurances other than required contractor work related insurances
- Legal fees

- Statutory body fees
- Third party costs
- Client costs and client commissioning
- VAT
- Optimism bias
- Landfill tax and any associated costs
- Land acquisition costs
- Replacement of pedestrian guard railing where it has been removed
- New electrical supply where required
- Additional cost of motorway possessions and closures
- Costs associated with statutory undertakers including relocation of telegraph poles and BT boxes where relocation is required

A6 / A6004 Specific

Fencing works

A46 / A6 Specific

• No specific exclusions

A6 / Cossington Lane Specific

• Landscaping

A50 / Lena Drive Specific

Landscaping

A607 / Fosse Way Specific

Drainage alterations

A6004 Epinal Way / Alan Moss Road Specific

- Landscaping
- Works to existing crossings

A6004 Epinal Way / Beacon Road Specific

• No specific exclusions

Epinal Way / Warwick Way Specific

- Works to vehicle restraint system
- Landscaping

A46 / A50 Specific

• No specific exclusions

A46 / A607 Specific

• Works to existing crossings

A46 / Wanlip Road Specific

• Works to Pochin Bridge

M1 J23 (High Cost) Specific

 Jump protection to the bridge will more than likely be needed but the extent of this is uncertain so is therefore excluded

M1 J23 (Low Cost) Specific

Landscaping

2.4 Baseline Control Document

This is the first estimate to be produced relating to this scheme so is therefore the first baseline estimate.

2.5 Approximate Project Programme / Schedule

Programme dates have not been provided however, for the purpose of this estimate we have assumed the following project programmes to calculate an allowance for Traffic Management;

A6 / A6004: 10 Weeks

A46 / A6: 20 Weeks

A6 / Cossington Lane: 10 Weeks

A50 / Lena Drive: 8 Weeks

A607 / Fosse Way: 4 Weeks

A6004 Epinal Way / Alan Moss Road: 3 Weeks

A6004 Epinal Way / Beacon Road: 8 Weeks

Epinal Way / Warwick Way: 6 Weeks

A46 / A50: 14 Weeks

A46 / A607: 10 Weeks

A46 / Wanlip Road: 10 Weeks

M1 J23 (High Cost): 30 Weeks

M1 J23 (Low Cost): 3 Weeks

2.6 Design Development Provision

This estimate **does** include for a "Design Development Provision". The Design Development provision is a factor that can be applied to an estimate, after due consideration of the status of design, to cover quantity adjustments that are anticipated to occur during the detailed design. Design development is in addition to Allowance for Unforeseen.

An allowance of 20% has been provided for Design Development within the estimate.

2.7 Allowance for Unforeseen

This estimate **does** include an "Allowance for Unforeseen". The Allowance for Unforeseen is commonly known as the project risk or contingency budget. Any Allowance for Unforeseen is considered to be in addition to the Design Development provision. It is to cover unusual weather conditions, labour problems, increases in costs not covered by contractual provisions, items which have been inadvertently left out of the estimate, delays in deliveries of equipment or materials, and the like.

Only contingency and design development allowances have been included within the estimate. It should be supported by a full risk assessment process including quantified risk allowance

An allowance of 20% has been provided for Allowance for Unforeseen within the estimate.

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