

Section 4 - B: Economy, Transport and Environment Services

Table 4: Capital Programme

Budget Period: 2017-18 to 2026-27

Summary of Schemes by Start Date	Total Cost £000	Previous Years £000	2017-18 £000	2018-19 £000	2019-20 £000	2020-21 £000	2021-22 £000	Later Years £000
Ongoing	144,975	52,481	15,267	18,941	19,213	18,977	18,395	1,701
Committed Schemes	302,609	203,613	48,719	7,962	6,899	1,951	3,265	30,200
2018-2019 Starts	340	-	-	340	-	-	-	-
TOTAL BUDGET	447,924	256,094	63,986	27,243	26,112	20,928	21,660	31,901

Ref	Scheme	Description	Linked Revenue Proposal	Scheme Start	Total Cost £000	Previous Years £000	2017-18 £000	2018-19 £000	2019-20 £000	2020-21 £000	2021-22 £000	Later Years £000	Committee
B/C.01	Integrated Transport												
B/C.1.002	Air Quality Monitoring	Funding towards supporting air quality monitoring work in relation to the road network with local authority partners across the county.		Ongoing	100	-	20	20	20	20	20	-	E&E
B/C.1.009	Major Scheme Development & Delivery	Resources to support the development and delivery of major schemes.		Ongoing	1,000	-	200	200	200	200	200	-	E&E
B/C.1.011	Local Infrastructure improvements	Provision of the Local Highway Improvement Initiative across the county, providing accessibility works such as disabled parking bays and provision of improvements to the Public Rights of Way network.		Ongoing	3,410	-	682	682	682	682	682	-	H&CI
B/C.1.012	Safety Schemes	Investment in road safety engineering work at locations where there is strong evidence of a significantly high risk of injury crashes.		Ongoing	2,970	-	594	594	594	594	594	-	H&CI
B/C.1.015	Strategy and Scheme Development work	Resources to support Transport & Infrastructure strategy and related work across the county, including long term strategies and District and Market Town Transport Strategies, as well as funding towards scheme development work.		Ongoing	1,725	-	345	345	345	345	345	-	E&E
B/C.1.019	Delivering the Transport Strategy Aims	Supporting the delivery of Transport Strategies and Market Town Transport Strategies to help improve accessibility and mitigate the impacts of growth.		Ongoing	7,426	-	2,030	1,349	1,349	1,349	1,349	-	H&CI
	Total - Integrated Transport				16,631	-	3,871	3,190	3,190	3,190	3,190	-	
B/C.02	Operating the Network												
B/C.2.001	Carriageway & Footway Maintenance including Cycle Paths	Allows the highway network throughout the county to be maintained. With the significant backlog of works to our highways well documented, this fund is crucial in ensuring that we are able to maintain our transport links.		Ongoing	47,704	-	10,547	9,918	9,415	8,912	8,912	-	H&CI
B/C.2.002	Rights of Way	Allows improvements to our Rights of Way network which provides an important local link in our transport network for communities.		Ongoing	700	-	140	140	140	140	140	-	H&CI

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B/C.2.004	Bridge strengthening	Bridges form a vital part of the transport network. With many structures to maintain across the county it is important that we continue to ensure that the overall transport network can operate and our bridges are maintained.		Ongoing	12,820	-	2,564	2,564	2,564	2,564	2,564	-	H&CI
B/C.2.005	Traffic Signal Replacement	Traffic signals are a vital part of managing traffic throughout the county. Many signals require to be upgraded to help improve traffic flow and ensure that all road users are able to safely use the transport network.		Ongoing	4,300	-	900	850	850	850	850	-	H&CI
B/C.2.006	Smarter Travel Management - Integrated Highways Management Centre	The Integrated Highways Management Centre (IHMC) collects, processes and shares real time travel information to local residents, businesses and communities within Cambridgeshire. In emergency situations the IHMC provides information to ensure that the impact on our transport network is mitigated and managed.		Ongoing	1,000	-	200	200	200	200	200	-	H&CI
B/C.2.007	Smarter Travel Management - Real Time Bus Information	Provision of real time passenger information for the bus network.		Ongoing	825	-	165	165	165	165	165	-	H&CI
Total - Operating the Network					67,349	-	14,516	13,837	13,334	12,831	12,831	-	
B/C.03	Infrastructure Management & Operations												
B/C.3.001	Highways Maintenance (carriageways only from 2015/16 onwards)	This fund allows the Council to increase its investment in the transport network throughout the county. With the significant backlog of works to our transport network well documented, this fund is crucial in ensuring that we reduce the rate of deterioration of our highways.		Ongoing	90,000	52,481	6,269	6,250	6,250	6,250	6,250	6,250	H&CI
B/C.3.012	Waste – Household Recycling Centre (HRC) Improvements	To deliver Household Recycling Centre (HRC) improvements by acquiring appropriate sites, gaining planning permission, designing and building new or upgraded facilities. A new facility is proposed in the Greater Cambridge area, a site is required to replace the current facility in March and works are required to maintain/upgrade other HRCs in the network. The programme also includes funds to develop the St Neots HRC reuse facility.		Committed	8,183	60	395	395	3,357	581	395	3,000	H&CI
B/C.3.101	Development of Archives Centre premises	Development of fit for purpose premises for Cambridgeshire Archives, to conserve and make available unique historical records of the county as part of an exciting new cultural heritage centre.		Committed	4,200	3,000	1,200	-	-	-	-	-	H&CI

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B/C.3.103	Library service essential maintenance and infrastructure renewal	This is a rolling programme, ending in 2017-18, to update the public PCs in libraries and library learning centres in order to replace equipment that has become obsolete, and ensure continued service delivery. This is particularly important to support people to access learning, skills, transactions and employment online in response to the Digital by Default agenda. There is also an essential requirement to replace the book sortation system at Cambridge Central Library which has reached the end of its life, and to plan for renewing self service facilities in 2017/18 as this will be coming out of contract and on which we need to make significant revenue savings.		Committed	562	297	265	-	-	-	-	-	H&CI
B/C.3.107	New Community Hub / Library Provision Clay Farm	Contribution to the development of a community centre / hub in Clay Farm, including a library and other community facilities.		Committed	827	808	19	-	-	-	-	-	H&CI
B/C.3.108	New Community Hub / Library Service Provision Darwin Green	Contribution to the fit -out of new community hub / library facilities in areas of growth in the county.		2018-19	340	-	-	340	-	-	-	-	H&CI
	Total - Infrastructure Management & Operations				104,112	56,646	8,148	6,985	9,607	6,831	6,645	9,250	
B/C.04	Strategy & Development												
B/C.4.001	Ely Crossing	The project will alleviate traffic congestion on the A142 at the level crossing adjacent to Ely railway station, which will benefit local businesses and residents. The station area is a gateway to the city. Implementation of the bypass option would remove a significant amount of traffic around the station and enhance the gateway area, making the city more attractive to tourists and improve the local environment.		Committed	36,000	7,998	25,000	1,702	1,300	-	-	-	E&E
B/C.4.006	Guided Busway	Guided Busway construction contract retention payments.		Committed	148,886	144,426	2,980	370	370	370	370	-	E&E
B/C.4.014	Huntingdon West of Town Centre Link Road	The 520 metre link road from Ermine Street to Brampton Road, close to the railway station junction, consists of a single carriageway, with footpaths either side, and new junctions on Ermine Street and Brampton Road. The residual funding is for outstanding land deals for this scheme.		Committed	9,116	8,266	850	-	-	-	-	-	E&E
B/C.4.017	Cambridge Cycling Infrastructure	Cambridge Cycling Infrastructure		Committed	5,103	2,317	1,580	1,206	-	-	-	-	E&E

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B/C.4.021	Abbey - Chesterton Bridge	The Chisolm Trail cycle route scheme is being delivered as part of the City Deal Programme and will link together three centres of employment in the city along a North / South axis, including Addenbrooke's hospital, the CB1 Area and the Science Park. The Abbey - Chesterton Bridge scheme is one element of the trail that is not included within the City Deal scheme.		Committed	4,600	677	2,000	1,923	-	-	-	-	E&E
B/C.4.022	Cycling City Ambition Fund	Cycling City Ambition Fund		Committed	8,152	7,362	790	-	-	-	-	-	E&E
B/C.4.023	King's Dyke	The level crossing at King's Dyke between Whittlesey and Peterborough has long been a problem for people using the A605. The downtime of the barriers at the crossing causes traffic to queue for significant periods of time and this situation will get worse as rail traffic increases along the Ely to Peterborough railway line in the future. The issue is also made worse during the winter months as the B1040 at North Brink often floods, leading to its closure and therefore increasing traffic use of the A605 across King's Dyke.		Committed	13,580	1,420	11,667	493	-	-	-	-	E&E
B/C.4.024	Soham Station	Proposed new railway station at Soham to support new housing development.		Committed	6,700	1,000	-	-	-	-	1,500	4,200	E&E
B/C.4.028	A14	Improvement of the A14 between Cambridge and Huntingdon. This is a scheme led by the Highways Agency but in order to secure delivery a local contribution to the total scheme cost, which is in excess of £1bn, is required. The Council element of this local contribution is £25m and it is proposed that it should be paid in equal instalments over a period of 25 years commencing in 2020.		Committed	25,200	100	100	-	-	1,000	1,000	23,000	E&E
B/C.4.031	Growth Deal - Wisbech Access Strategy	Funding provided by the LEP in order to deliver the Wisbech Access Strategy		Committed	1,000	1,000	-	-	-	-	-	-	E&E
	Total - Strategy & Development				258,337	174,566	44,967	5,694	1,670	1,370	2,870	27,200	
B/C.05	Other Schemes												
B/C.5.002	Investment in Connecting Cambridgeshire	Connecting Cambridgeshire is working to ensure businesses, residents and public services can make the most of opportunities offered by a fast-changing digital world. Led by the Council, this ambitious partnership programme is improving Cambridgeshire's broadband, mobile and Wi-Fi coverage, whilst supporting online skills, business growth and technological innovation to meet future digital challenges.		Committed	30,500	24,882	1,873	1,873	1,872	-	-	-	E&E
	Total - Other Schemes				30,500	24,882	1,873	1,873	1,872	-	-	-	

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Ref	Scheme	Description	Linked Revenue Proposal	Scheme Start	Total Cost £000	Previous Years £000	2017-18 £000	2018-19 £000	2019-20 £000	2020-21 £000	2021-22 £000	Later Years £000
B/C.08 B/C.6.001	Capital Programme Variation Variation Budget	The Council has decided to include a service allowance for likely Capital Programme slippage, as it can sometimes be difficult to allocate this to individual schemes due to unforeseen circumstances. This budget is continuously under review, taking into account recent trends on slippage on a service by service basis.		Ongoing	-29,005	-	-9,389	-4,336	-3,561	-3,294	-3,876	-4,549
	Total - Capital Programme Variation				-29,005	-	-9,389	-4,336	-3,561	-3,294	-3,876	-4,549
	TOTAL BUDGET				447,924	256,094	63,986	27,243	26,112	20,928	21,660	31,901

E&E, H&C

Funding	Total Funding £000	Previous Years £000	2017-18 £000	2018-19 £000	2019-20 £000	2020-21 £000	2021-22 £000	Later Years £000
Government Approved Funding								
Department for Transport	216,014	104,909	20,139	17,400	16,524	17,021	17,021	23,000
Specific Grants	39,250	15,419	18,731	4,100	-	-	1,000	-
Total - Government Approved Funding	255,264	120,328	38,870	21,500	16,524	17,021	18,021	23,000
Locally Generated Funding								
Agreed Developer Contributions	33,510	19,925	4,427	5,340	3,103	200	200	315
Anticipated Developer Contributions	12,330	-	400	200	200	200	1,000	10,330
Prudential Borrowing	98,651	65,676	5,682	4,321	7,265	3,537	3,269	8,901
Prudential Borrowing (Repayable)	15,665	27,419	4,849	-4,118	-980	-30	-830	-10,645
Other Contributions	32,504	22,746	9,758	-	-	-	-	-
Total - Locally Generated Funding	192,660	135,766	25,116	5,743	9,588	3,907	3,639	8,901
TOTAL FUNDING	447,924	256,094	63,986	27,243	26,112	20,928	21,660	31,901

Section 4 - B: Economy, Transport and Environment Services

Table 5: Capital Programme - Funding

Budget Period: 2017-18 to 2026-27

Summary of Schemes by Start Date					Total Funding £000	Grants £000	Develop. Contr. £000	Other Contr. £000	Capital Receipts £000	Prud. Borr. £000	
Ongoing					144,975	86,238	731	-	-	58,006	
Committed Schemes					302,609	169,026	44,810	32,504	-	56,269	
2018-2019 Starts					340	-	299	-	-	41	
TOTAL BUDGET					447,924	255,264	45,840	32,504	-	114,316	

Ref	Scheme	Linked Revenue Proposal	Net Revenue Impact	Scheme Start	Total Funding £000	Grants £000	Develop. Contr. £000	Other Contr. £000	Capital Receipts £000	Prud. Borr. £000	Committee
B/C.01	Integrated Transport										
B/C.1.002	Air Quality Monitoring			- Ongoing	100	100	-	-	-	-	E&E
B/C.1.009	Major Scheme Development & Delivery			- Ongoing	1,000	1,000	-	-	-	-	E&E
B/C.1.011	Local Infrastructure improvements			- Ongoing	3,410	3,410	-	-	-	-	H&CI
B/C.1.012	Safety Schemes			- Ongoing	2,970	2,970	-	-	-	-	H&CI
B/C.1.015	Strategy and Scheme Development work			- Ongoing	1,725	1,725	-	-	-	-	E&E
B/C.1.019	Delivering the Transport Strategy Aims			- Ongoing	7,426	6,745	681	-	-	-	H&CI
	Total - Integrated Transport			-	16,631	15,950	681	-	-	-	
B/C.02	Operating the Network										
B/C.2.001	Carriageway & Footway Maintenance including Cycle Paths			- Ongoing	47,704	47,704	-	-	-	-	H&CI
B/C.2.002	Rights of Way			- Ongoing	700	700	-	-	-	-	H&CI
B/C.2.004	Bridge strengthening			- Ongoing	12,820	12,820	-	-	-	-	H&CI
B/C.2.005	Traffic Signal Replacement			- Ongoing	4,300	4,250	50	-	-	-	H&CI
B/C.2.006	Smarter Travel Management - Integrated Highways Management Centre			- Ongoing	1,000	1,000	-	-	-	-	H&CI
B/C.2.007	Smarter Travel Management - Real Time Bus Information			- Ongoing	825	825	-	-	-	-	H&CI
	Total - Operating the Network			-	67,349	67,299	50	-	-	-	
B/C.03	Infrastructure Management & Operations										
B/C.3.001	Highways Maintenance (carriageways only from 2015/16 onwards)			- Ongoing	90,000	2,989	-	-	-	87,011	H&CI
B/C.3.012	Waste – Household Recycling Centre (HRC) Improvements			- Committed	8,183	-	2,603	-	-	5,580	H&CI
B/C.3.101	Development of Archives Centre premises			- Committed	4,200	-	-	-	-	4,200	H&CI
B/C.3.103	Library service essential maintenance and infrastructure renewal			- Committed	562	-	-	-	-	562	H&CI
B/C.3.107	New Community Hub / Library Provision Clay Farm			- Committed	827	-	566	-	-	261	H&CI
B/C.3.108	New Community Hub / Library Service Provision Darwin Green			- 2018-19	340	-	299	-	-	41	H&CI
	Total - Infrastructure Management & Operations			-	104,112	2,989	3,468	-	-	97,655	
B/C.04	Strategy & Development										
B/C.4.001	Ely Crossing			- Committed	36,000	22,000	1,000	6,294	-	6,706	E&E
B/C.4.006	Guided Busway			- Committed	148,886	94,667	29,272	9,282	-	15,665	E&E
B/C.4.014	Huntingdon West of Town Centre Link Road			- Committed	9,116	-	4,568	4,548	-	-	E&E
B/C.4.017	Cambridge Cycling Infrastructure			- Committed	5,103	-	5,103	-	-	-	E&E

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Table 5: Capital Programme - Funding

Budget Period: 2017-18 to 2026-27

Ref	Scheme	Linked Revenue Proposal	Net Revenue Impact	Scheme Start	Total Funding £000	Grants £000	Develop. Contr. £000	Other Contr. £000	Capital Receipts £000	Prud. Borr. £000	
B/C.4.021	Abbey - Chesterton Bridge			- Committed	4,600	2,500	1,550	550	-	-	E&E
B/C.4.022	Cycling City Ambition Fund			- Committed	8,152	7,609	148	395	-	-	E&E
B/C.4.023	King's Dyke			- Committed	13,580	8,000	-	3,500	-	2,080	E&E
B/C.4.024	Soham Station			- Committed	6,700	1,000	-	1,000	-	4,700	E&E
B/C.4.028	A14			- Committed	25,200	25,000	-	200	-	-	E&E
B/C.4.031	Growth Deal - Wisbech Access Strategy			- Committed	1,000	-	-	1,000	-	-	E&E
	Total - Strategy & Development			-	258,337	160,776	41,641	26,769	-	29,151	
B/C.05	Other Schemes										
B/C.5.002	Investment in Connecting Cambridgeshire			- Committed	30,500	8,250	-	5,735	-	16,515	E&E
	Total - Other Schemes			-	30,500	8,250	-	5,735	-	16,515	
B/C.08	Capital Programme Variation										
B/C.6.001	Variation Budget			- Ongoing	-29,005	-	-	-	-	-29,005	E&E, H&CI
	Total - Capital Programme Variation			-	-29,005	-	-	-	-	-29,005	
	TOTAL BUDGET				447,924	255,264	45,840	32,504	-	114,316	

Capital Investment Appraisals

Prioritised List of Schemes

Priority Score (/100)	Class	Service Area	Ref	Title	Total Scheme Cost £000	Total Prudential Borrowing £000	Flexibility in Phasing	Alternative Methods of Delivery
F	Fully Funded	ETE	B/C.1.002	Air Quality Monitoring	100	-		-
F	Fully Funded	ETE	B/C.1.009	Major Scheme Development &	1,000	-		-
F	Fully Funded	ETE	B/C.1.011	Local Highway Improvements (includes Accessibility & New Paths)	3,410	-		-
F	Fully Funded	ETE	B/C.1.012	Safety Schemes	2,970	-		-
F	Fully Funded	ETE	B/C.1.015	Strategy and Scheme Development work	1,725	-		-
F	Fully Funded	ETE	B/C.1.019	Promoting Economic Growth - Delivering Strategy Aims	7,426	-		-
F	Fully Funded	ETE	B/C.2.001	Carriageway & Footway Maintenance including Cycle Paths	47,704	-		-
F	Fully Funded	ETE	B/C.2.002	Rights of Way	700	-		-
F	Fully Funded	ETE	B/C.2.004	Strengthening of Bridges to carry 40 tonne loading	12,820	-		-
F	Fully Funded	ETE	B/C.2.005	Traffic Signal Replacement	4,300	-		-
F	Fully Funded	ETE	B/C.2.006	Smarter Travel Management - Integrated Highways Management Centre	1,000	-		-
F	Fully Funded	ETE	B/C.2.007	Smarter Travel Management - Real Time Bus Information	825	-		-
F	Fully Funded	ETE	B/C.4.021	Abbey - Chesterton Bridge	4,600	-		-
F	Fully Funded	ETE	B/C.4.022	Cycling City Ambition Fund	8,152	-		-
F	Fully Funded	ETE	B/C.4.028	A14	25,200	-		-
F	Fully Funded	ETE	B/C.4.031	Growth Deal - Wisbech Access Strategy	1,000	-		-
F	Fully Funded	ETE	B/C.6.001	Variation Budget	-29,005	-29,005		-
C	Committed	ETE	B/C.3.101	Development of Archives Centre premises	4,200	4,200		-
C	Committed	ETE	B/C.3.103	Library Service essential maintenance and infrastructure renewal	562	562		-
C	Committed	ETE	B/C.3.107	New Community Hub / Library Provision Clay Farm	827	261		-
C	Committed	ETE	B/C.4.001	Ely Crossing	36,000	6,706		-
C	Committed	ETE	B/C.4.006	Guided Busway	148,886	15,665		-

Priority Score (/100)	Class	Service Area	Ref	Title	Total Scheme Cost £000	Total Prudential Borrowing £000	Flexibility in Phasing	Alternative Methods of Delivery
C	Committed	ETE	B/C.4.014	Huntingdon West of Town Centre Link Road	9,116	-		-
C	Committed	ETE	B/C.4.017	Cambridge Cycling Infrastructure	5,103	-		-
C	Committed	ETE	B/C.4.023	King's Dyke	13,580	2,080		-
C	Committed	ETE	B/C.4.024	Soham Station	6,700	4,700		-
C	Committed	ETE	B/C.5.002	Investment in Connecting Cambridgeshire	30,500	16,515		-
53	Other	ETE	B/C.3.001	Highways Maintenance including Footways and Signals	90,000	87,011	N/A	- N/A
44	Statutory	ETE	B/C.3.012	Waste - Cambridge Area Growth	8,183	5,580		-
27	Other	ETE	B/C.3.108	New Community Hub/ Library Service Provision Darwin Green	340	41		-