

## Challenge Fund Toolkit

Scheme Name **Braintree Major Maintenance Package BDC01**

Scheme Promoter **Essex County Council**

### Scheme Details

Scheme Opening Year **2020/21** Appraisal period: 30 years

If you are bidding for multiple schemes please fill out a proforma for each scheme. Blue indicates data needs to be added.

### SCHEME COST (£1000s)

Financial Year	2019	2020	2021	2022	2023	Totals:
DfT Funding Sought	<b>1,000</b>	-	-	-	-	<b>1,000</b>
LA Contribution	<b>300</b>	<b>450</b>	-	-	-	<b>750</b>
Other Third Party Funding	<b>250</b>	<b>500</b>	-	-	-	<b>750</b>
<b>Total</b>	<b>1,550</b>	<b>950</b>	-	-	-	<b>2,500</b>

### All Schemes

Input Data	Specific Data	Units	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Length of Scheme	<b>0.397</b>	(Km)	<b>Data is split High Street / Fairfield Road</b>
Number of vehicles on affected section (split by vehicle type if possible)	<b>379/2658</b>	(Total vehicles - AADT)	<b>Data is split High Street / Fairfield Road</b>
Cars	<b>83/1947</b>	(Cars - AADT)	<b>Data is split High Street / Fairfield Road</b>
LGV	<b>76/296</b>	(LGV - AADT)	<b>Data is split High Street / Fairfield Road</b>
HGV	<b>11/22</b>	(HGV - AADT)	<b>Data is split High Street / Fairfield Road</b>
PSV	<b>149/345</b>	(PSV - AADT)	<b>Data is split High Street / Fairfield Road</b>
Average Speed on Route	<b>48/48</b>	(Km/h)	<b>Data is split High Street / Fairfield Road</b>
Type of Road	<b>Principle</b>	(Motorway, Trunk, Principle or Minor)	<b>Data is split High Street / Fairfield Road</b>

Other salient information for the VfM Case	<p>This funding is needed to improve the condition of these highly visible town centre assets. This will make the town centre more attractive for walking and cycling, contributing to modal switch, reducing CO2 emissions and providing health benefits from physical exercise.</p> <p>Whilst an alternative is to fund these works from the routine Highways Maintenance Block, the magnitude of costs and competing demands with residential streets improvements means that these works would have to be phased over several financial years. This would not have the impact required for the town centre to flourish, and risks leaving it looking incomplete for many years. Furthermore, sections not completed each year will continue to deteriorate, putting added pressure on the County Council's revenue budget for emergency repairs.</p>
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#### Carriageways

SCANNER CATEGORY	Proportion of the road	Average RCI Number	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Red	85.19%	100	
Amber	14.80%	80	
Green	0.00%	40	

#### Cycleways

Input Data	Specific Data	Units	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Number of Cyclists	58/41	Cyclists/day	Data is split High Street / Fairfield Road

#### Diversion

Input Data	Data	Units	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Please give information about the diversion Route	As the scheme comprises of works to Fairfield Road and the High Street. It is proposed that the works be undertaken to Fairfield Road first to therefore enable the diversion fo traffic from the high street to the permanent situation. Therefore no temporary diversions or routing required.		
Length of any diversion route, if closure is required (over and above existing route)	0.657	km	This diversion route is only temporary and whilst the works to Fairfield Road are undertaken, therefore the time this diversion would be in
Average extra time per vehicle on diversion route (over and above existing route)	0.48	mins	As the scheme comprises of works to Fairfield Road and the High Street. It is proposed that the works be undertaken to Fairfield Road first to therefore enable the diversion fo traffic from the high street to the permanent situation. Therefore no temporary diversions or routing required.

## Bridges

Input Data	Specific Data	Units	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Please give information about any current or planned weight restriction			
What year is this restriction due to come into place (if preexisting please put 2018)			
Number of days per year the restriction is in effect			

What vehicle class does the restriction apply to?			
Cars			
LGV			
HGV			
PSV			

## Flooding

Input Data	Specific Data	Units	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Number of closures due to flooding per year		(number of closures/year)	
(Average) Duration of closure due to flooding		(duration of closure - hrs)	







*Note: there is no need to conduct any additional new modelling. Please use whatever existing route mapping tools currently available.*



