Challenge Fund Toolkit

Scheme Name	Oasis Bridge Project (1 of 2): Refurbishment Works **Appendix C**
Scheme Promoter	Essex County Council

Scheme Details

Scheme Opening Year: 2020/21

Apprasial 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	3,000	-	-	-	-	3,000
LA Contribution	264	1,306	612	-	-	2,182
Other Third Party Funding	-	-	-	-	-	-
Total	**3,264**	**1,306**	**612**	**-**	**-**	5,182

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	0.0658	(Km)	
Number of vehicles on affected section (split by vehicle type if possible)	B1137 Combined North East and South West Bound. AADT Total 20,114. A138 Chelmer Road at New Dukes Way: AADT Total 25,620	(Total vehicles - AADT)	B1137 traffic data site code 17122-01. ATC01 B1137 - Springfield Road, Springfield, January 2017 (7 day ATC). Location 70 metres West of Cuton Hall RAB under A138 Chelmer Road Overbridge. A138 Chelmer Road at New Dukes Way. Site number 72497250, 189 metres north of RAB with New Dukes Way, January 2017.
Cars	B1137: 18,890.2	(Cars - AADT)	No data for A138 Overbridge
LGV	B1137: 862.6	(LGV - AADT)	No data for A138 Overbridge
HGV	B1137: 101	(HGV - AADT)	No data for A138 Overbridge
Motorcycles	B1137: 165.6	(Motorcycles - AADT)	No data for A138 Overbridge
Average Speed on Route	B1137 average daily speed (7 days) 32.1 mph. A138	(Km/h)	No data for A138 Overbridge
Type of Road	B1137 is B Road; A138 is a Principal Road	(Motorway, Trunk, Principle or Minor)	No data for A138 Overbridge

Other salient information for the VfM Case	

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	B1137: zero; B138: zero	>=100	The data if for the locality in and around the bridge. The B1137 and A138 are subject to SCANNER road condition surveys annually. The proposed new water proofing will be accomanied by road resurfacing on the A138. The RCI data for 2018/19 has been referenced
Amber	B1137 zero . A138 10%	>=40<100	
Green	B1137 100%. A138 90%	<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	69	Cyclists crossing Springfield Road **not** the total number of cyclists on Springfield Road by carriageway Direction	**Very limited data.** B1137 40 metres south west of pump lane. June 2015. North East to South West and South West to North East combined

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	For the A138 there will be a contraflow in place for the majority of the time and therefore no diversion route; and if temporary short term full closure is required, the diversion route is simply on and off the slip roads, therefore only a marginal diversion route length. There will be a diversion route for the B1137 which will also be accompanied by a pedestrian diversion route.		
Length of any diversion route, if closure is required (over and above existing route)	1.7 km west bound; east bound 3.3 km	km	For the B1137
Average extra time per vehicle on diversion route (over and above existing route)	west bound 2 minutes; east bound 3 minutes	mins	

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	Oasis Bridge is not currently a weak bridge and therefore there are no current or planned weight restrictions		
What year is this restriction due to come into place (if preexisting please put 2018)	N/A		
Number of days per year the restriction is in effect	N/A		
What vehicle class does the restriction apply to?			
Cars	N/A		
LGV	N/A		

HGV	N/A		
PSV	N/A		

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	N/A	(number of closures/year)	
(Average) Duration of closure due to flooding	N/A	(duration of closure - hrs)	

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