

Challenge Fund Toolkit

Scheme Name	A601(M) - Major Maintenance
Scheme Promoter	Lancashire County Council

Scheme Details

Scheme Opening Year	2022	Appraisal period: 30 years
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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	-	2,500	4,895	-	-	7,395
LA Contribution	450	400	700	300	-	1,850
Other Third Party Funding	-	-	-	-	-	-
Total	450	2,900	5,595	300	-	9,245

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	2.1	(Km)	
Number of vehicles on affected section (split by vehicle type if possible)	10,471	(Total vehicles - AADT)	DfT Traffic Count, In OAR, Breakkdown from LCC Traffic Count
Cars	8,010	(Cars - AADT)	DfT Traffic Count, In OAR, Breakkdown from LCC
LGV	1,194	(LGV - AADT)	DfT Traffic Count, In OAR, Breakkdown from LCC
HGV	1,173	(HGV - AADT)	DfT Traffic Count, In OAR, Breakkdown from LCC
PSV	67	(PSV - AADT)	DfT Traffic Count, In OAR, Breakkdown from LCC
Average Speed on Route	72	(Km/h)	
Type of Road	Motorway	(Motorway, Trunk, Principle or Minor)	

Other salient information for the VfM Case	<p>The A601(M) Refurbishment scheme is expected to deliver £26.9m of benefits (2010 prices, discounted over 30 years). The scheme therefore has a Benefit to Cost Ratio (BCR) of 3.3 and is subsequently expected to deliver 'High' Value for Money based on DfT guidance.</p> <p>In addition to the transport benefits, when accounting for potential land value uplift, the BCR increases to 5.0 which represents 'Very High' Value for Money (VfM) according to DfT Value for Money guidance.</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	1%	120	
Amber	5%	59	
Green	94%	4.5	

Cycleways

Input Data	Specific Data	Units	Other Supporting Data / Information (either input directly or provide reference to supporting information reported elsewhere)
Number of Cyclists	0	Cyclists/day	M status road so cyclists are excluded

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	HGVs would have to route via M6 junction 36, A65, A583 and M6 junction 34. This is approximately a 34km diversionary route (following Highways England HGV diversionary route from junction 36).		
Length of any diversion route, if closure is required (over and above existing route)	34	km	Highways England HGV diversionary route
Average extra time per vehicle on diversion route (over and above existing route)	33.55	mins	

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

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	There are 4 bridges on the route that require works: 5381B1 - Brewers Barn West - 3 tonne weight restriction 5381B2 - Brewers Barn West (Widening) 5387B1 - Brewers Barn East 5383B1 - Higher North Road - 3 tonne weight restriction 5384B1 - Elpha		
What year is this restriction due to come into place (if preexisting please put 2018)	2020 2020	7.5 tonne 3 tonne	5381B1 - Brewers Barn West 5383B1 - Higher North Road
Number of days per year the restriction is in effect	365		
What vehicle class does the restriction apply to?			
Cars	No		
LGV	Yes		
HGV	Yes		
PSV	Yes		

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	0	(number of closures/year)	
(Average) Duration of closure due to flooding	0	(duration of closure - hrs)	

