

PROJECT FEASIBILITY SUMMARY

Local Highway Improvement (LHI) Initiative



Applicant	Great Abington PC	Status	draft
Application Reference No	3194964	Version	1.1
Assigned Highways Officer	Joshua Rutherford	Approved by	
Location of proposal	High Street, Abington		
Streetview Link	https://www.google.co.uk/maps/@52.116475,0.2381072,3a,75y,48.42h,70.52t/d		
Highway Issue or Improvement	Safety for children		
Key Considerations	Location of flashing school signs, adequate consultation with local residents regarding proposed parking restrictions. Solar units need to be positioned to get 30 minutes of sunlight minimum per day.		
Optimum Solution	Use of flashing wig-wag signals with school sign on western approach of High Street. DYLS possible across the mouth of junction with Linton Road. DYLS eastern side of High Street near to the bend heading into Abington. Also installing gateway features at 50mph limit.		
Other options considered	School warning signs, refreshing existing School Keep Clear, working with school to educate parents/local residents to moderate speeds and parking.		
Supporting Documents			

TECHNICAL APPRAISAL OF PROPOSED SOLUTION

Road Safety Benefit and/or Issues	RAG
No injury accidents at Magna Close. Nothing near the school. But child pedestrian was hit walking into path of vehicle between school and Magna close - serious.	
Risks to Delivery	RAG
Objections to proposed parking restrictions. Suitable mounting locations for the school flashing signs.	
Effectiveness	RAG
Will highlight the school children crossing/using the area. DYL's will limit anti social parking.	
Maintenance Considerations	RAG
Signs and lines to be maintained by CCC going forwards. Flashing units to be solar powered and come with 5 yr guarantee.	

ESTIMATED DESIGN AND MANAGEMENT COSTS

Task	Resource Grade (hrs)					Totals
	A	B	C	D	E	
Site meeting					2	£65
Design			1.5		5	£234
Consultation			1		5	£210
Delivery		0.5	1.5		4	£227
Contract Supervision		0.5	1.5		4	£227
As Builts			0.5		1	£56
						£0
GRAND TOTAL						£1,017

ESTIMATED CONSTRUCTION & OTHER COSTS

Item	Estimated Cost	
Labour	£1,250	
Equipment	£5,400	
Materials	£2,586	
Traffic Management	£960	
Legal Traffic Regulation Order (Includes 2 No. Newspaper Adverts)	£1,000	
Independent Road Safety Audits (Stage 1,2 and 3)	-	
10% Risk Contingency	£1,120	
GRAND TOTAL		£12,316

Total Project Budget Required	£13,333	
Applicant Contribution	£3,500	26.3 %
CCC Contribution applied for	£9,833	
Estimated duration of project	8	

Commencing 1st April 2018