

A142 ELY LEVEL CROSSING

OPTIONS APPRAISAL TABLE

APPENDIX 3

CRITERIA	ROUTE B	ROUTE D	UNDERPASS	HCV STACKING	EXTEND HCV QUEUING LANES
Landscape & Visual	500m long 10m high viaduct over river and rail lines	10m high bridge over rail lines only	No change	Minor effect alongside ex A142	Minor effect alongside ex A142
Biodiversity	Significant habitat loss and crosses County Wildlife Site	Some habitat loss and adjacent to County Wildlife Site	No effect	No effect	No effect
Water	No effect	No effect	Will need pumping to avoid flooding	No effect	No effect
Air Quality	Decrease in emissions in urban area	Decrease in emissions in urban area	Minor decrease due to reduced queuing	No change	No change
Noise and Vibration	Reduction in urban area	Reduction in urban area	No change	No change	No change
Archaeology	Damage to some assets	Minor damage to some assets	No effect	No effect	No effect
Land Use	Crosses Grade 1 Agricultural Land	Crosses Kings School playing fields	No impact	Small area of agricultural land	Small area of agricultural land
Safety	Improves safety in urban area	Improves safety in urban area	No change	No change	No change
Cost	£28m	£23m	£15m	£1m	£2.5m
Accessibility	Will decrease congestion in station area & promote walking & cycling	Will decrease congestion in station area & promote walking & cycling	No change	No change	No change
Economy	Will relieve congestion & promote growth	Will relieve congestion & promote growth	Will relieve congestion and assist some growth	Will not promote growth	Will not promote growth
Tourism	Improved access to Ely	Improved access to Ely	Some improvement for access but station area still congested	Access will not improve	Access will not improve
Traffic	Removes congestion in station area in long term	Removes congestion in station area in long term	No relief to congestion in station area	Short term remedy and no relief to congestion in station area	Short term remedy and no relief to congestion in station area