

HIGHWAYS ENGLAND PROPOSED A66 ROUTES VERSUS LOCAL PROPOSALS

ROUTE	DUAL LENGTH A	SINGLE LENGTH B	JUNCTIONS	BRIDGES	TUNNELS/ UNDEPASSES	EQUIVALENT DUAL CUMULATIVE LENGTH A+B/2	CORRECTION FOR SCALE (NA for Alternatives)
ONE	78	50	21	1	5	$78+25=103$	52
TWO	78	67	33	4	5	$87+34=112$	56
THREE	84	40	26	4	3	$84+20=104$	52
FOUR	84	60	29	3	5	$84+30=114$	57
LOW ALTERNATIVE	33	5	7	0	2	$33+2.5=36$	36
HIGH ALTERNATIVE	40	5	7	0	0	$40+2.5=53$	53

ASSUMPTION; 1 A SINGLE CARRIAGEWAY IS 50% COST OF DUAL
 2 LOW ALTERNATIVE HAS A REASONABLE WATER TABLE

ESTIMATE LOW ALTERNATIVE is 31% cheaper in road building alone AND additional saving in bridges and underpasses
 14 fewer junctions
 0 bridges
 3 less tunnels or underpasses

HIGH ALTERNATIVE; Is less than 1% more expensive in road building than highways option ONE
 14 fewer junctions
 0 bridges
 0 tunnels or underpasses

PROPOSAL Declare AONB southern boundary as River Eden

Build HIGH alternative , by far the cheapest
 a. uses less AONB as a large proposition of HIGH is on a military already severely damaged area
 b. less or no compulsory purchase

- c. less arable land used for road building
- d. far less population disturbance