Project: Compiled by:	Queensbury Tunnel Greenway Feasibility Study
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	1	Corridors - for locations see Figure 5. Queensbur	Turnel Community Speciality Co. A.								JOIN THE MOVEMENT
nent Summary		1	2	3a	3b	4	5	6	7	8	9
									Clayton variation (Bradford - Clayton -		
Criteria		Cullingworth - Keighley	GNRT (Cullingworth - Queensbury)	Valley Floor (Bradford - Queensbury)	Thornton Road (Bradford - Thornton)	Halifax - Queensbury Tunnel	Station Road (Queensbury N to town)	Queensbury Tunnel	Queensbury)	Bradshaw variation (Holmfield - GNRT)	CatherineS Variation (Halifax - Queensbury town
ice	Score		3	4	4		4	2	4	4	
		Potential links with existing NCN at each end, and	1		Links to existing NCN at both ends, and local				Links with local cycling and walking routes at		
		a local cycle route at Hainworth. The route	`	Links to existing NCN at both ends, and local	cycling and walking routes at Bradford end of	No current links to NCN, but potential to link	Existing NCN link, rated poor, Links to GNRT, and	Arguably critical link in wider Keighley/ Bradford/			Links to NCN at northern end, footpaths and
		provides limited potential for day to day journey	s, Includes GNRT NCN link, and local route cycle	cycling and walking routes at Bradford end of	corridor. Good opportunity for day to day cycling		rk local footpaths. Severe gradient limits consistency				bridleways, but limited day to day destination
	Comments	being mostly outside urban settings.	routes to Harecroft, Wilsden and Harden.	corridor.	support.	and infrastructure.	of provision compared to other corridors.	northern end.	support.	Illingworth at southern end.	potential.
ness	Score		5	5	3	2	3	1	5	3 2	
						Cid	Chartest Saliforn Town to continue Town I acres		Reasonably direct link linking Bradford-Clayton-		
			Corridor as direct as possible give waterbody	Corridor slightly indirect to provide greenway	Direct link from Bradford to exiting NCN, but not	Corridor present reasonably direct link from Halifax to qtr. southern portal. Complex highway	Shortest link from Town to northern Tunnel portal No obstacles to momentum (gradient excepted)	•	Queensbury. Corridor provides good opportunity for greenway/on-road hybrid route,		
		Corridor is the shortest link, with no major	obstacles, and provides good opportunity for	option. Major roads to be navigated at Bradford	so direct link for other strategic towns. Higher	network at Halifax end presents challenging	and provide link to Brown lane not available to	Shortest possible link, with no obstacles, between		Indirect route avoiding use of tunnel. Significantly	Provides reasonably direct link between Halifay
	Comments	roads/severance.	continuous progress.	end	potential for stop start as urban artery.	environment for maintaining forward momentum		tunnel portals.	forward momentum.		and Queensbury, avoiding ancient woodland.
	Score		3	5	4	1	2		4	3 3.5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Outside Keighley and Cullingworth, the corridor is	5			Complex highway network with limited route					Potential for traffic free sections, but likely on-
		largely open fields which could facilitate traffic-				options presents challenge to provision of safe an	d				road required at northern/southern ends. Compl
		free options. At northern and southern ends of			Segregated roadside route proposed. Objectively	perceived safe route at southern end. Highly				Beyond Illingworth, the corridor is largely open	highway network with limited route options
		corridor, existing road layouts are likely to	Potential to develop traffic free route within		safe, but perception of safety may be reduce	dependent on route choice -route options likely t		Traffic free. Would require lighting to provide	free provision. Routes through Clayton itself and		presents challenge to provision of safe and
t	Comments	constrain options.	corridor.	Traffic free potential beyond A6177	among less confident users.	include pinch points.	Virtually traffic free, open environment.	secure tunnel environment.	onward to Queensbury are more constrained.	Possible pinch points within on-road route options.	perceived safe route at southern end.
	Score		2	5	4	3	3		5	3 2	
		Gradients and elevation gain are high, and								Limited potential to accommodate all users likely	
		extended sections of uphill/downhill present.	Gradients are generally <5%. Well Heads Tunnel	Good potential to accommodate all users beyond	Potential to accommodate all users along majority	Potential to accommodate all users highly			Varied comfort depending on whether traffic-free		
		Width to accommodate all users possible in open		A6177. Extended uphill./downhill sections, but	of length. Extended lengths of uphill/downhill, but	dependent on route choice. Extended lengths of	Continuous gradient over whole length, with	Good potential to accommodate all users, traffic	or on-road. Continuous gradients over most of	Extended sections of incline. Gradients largely	Continuous incline along length. Gradients
	Comments	sections.	potential to accommodate all users.	gradients largely<6%.	gradients generally shallow (<5%).	uphill/downhill, but gradients generally <5%.	significant portion >10%, max 17.5%.	free.	corridor length, though mostly <5%,	<5%, though some areas exceed 7%.	generally between 5-10%, reaching 15%.
veness	Score		4	5	4	2 3.	5	2	5	3 3	, , ,
		Corridor provides link to existing GNRT, known to	•						Potential to provide attractive off-road route		Central section of corridor may provide attractive
		be attractive destination for cycling. If corridor		n Potential to provide attractive off-road route	Urban artery with limited destination value in its	Potential to provide safe route linking residential			linking to existing cycle network at Bradford end.		conditions (albeit with challenging gradients).
		were to incorporate traffic free route, it would	GNRT. Extension to this with tunnel attraction		own right. Provides utility link to NCN, and day to	areas to day to day destinations and Queensbury			Potential to form values greenspace route in	Provide potential link to Ogden Water Country	Constrained entry and exits to corridor likely to
	Comments	provide an attractive extension to the GNRT.	likely to enhance attractiveness.	to form values greenspace route in suburban area	. day destinations.	Tunnel portal.	high-scoring route.	attractive destination.	suburban area.	park, and indirect link to GNRT at northern end.	reduce attractiveness.
To	otal Design Score		17	24 1	9 10	15.	.5	2	3 1	14.5	1
	Design Rank	K	4	1	3	0	,		2	8	
tual Criteria	+										
Context	Score		3	5	2		4	3	5	5 3	
					Corridor identified in Bradford Cycle Strategy,			listed as key corridor for CBMDC decision. High	Corridor identified in Bradford Cycle Strategy,		
			Corridor identified in Bradford Cycle Strategy,		WYCA Infrastructure Connectivity Plan. High utility	Corridor identified in connectivity plan Appendix	2	potential to provide strategic link for transport	WYCA Infrastructure Connectivity Plan. Potential	Provides alternative corridor linking Halifax-	Provides alternative corridor linking Halifax-
			WYCA Infrastructure Connectivity Plan. Potential			(Halifax to Ovenden). Potential to link residential			to connect residential areas to future MT stops in		
		Corridor identified in Bradford Cycle Strategy,	to provide link between Cullingworth and a futur			areas to future MT stop in Halifax, and upgraded	documentation, but provide strategic link from	strategic values relies on development of	W. Bradford. Planned extension to Cycle	excluding tunnel. Incorporates Illingworth into	excluding tunnel. Excludes other southern strateg
	Comments	WYCA Infrastructure Connectivity Plan.	MT network, and Thornton Cycle Superhighway.	Bradford End. Bypasses Strategic town of Clayton.	to Cycle superhighway under TCF funding.	Rail station facilities.	Queensbury tow to wide identified corridors.	connecting corridors.	superhighway under TCF funding.	network	towns.
I / Protected	Score		3	2	3		3	o e e e e e e e e e e e e e e e e e e e	2	4 1	
ntext	1	Scheduled Ancient Monument present in corridor may challenge potential for traffic free alignment		Ecological challenge dependent on final route	High potential for BNG within corridor or at	Priority habitat present in corridor. Woodland					Open agricultural land and urban extremities
		Agricultural land use provides opportunity for	existing higher quality habitat likely to raise	alignment. Presence of existing wooded habitat	displaced site. Highway-based route unlikely to	present in Dean Clough/Ovenden Brook raises		Tunnel environment highly likely to provide high	Potential for BNG is woodland habitat in valley is	Corridor adjacent to South Pennine Moors	provide potential for BNG. Ancient woodland in
	Comments	RNG	challenge for BNG,.	within corridor.	present significant ecological challenge.	ecological challenge for traffic free options.	Low ecological challenge, potential for BNG.	ecological challenge.	avoided	Designated Site	corridor restricts route potential.
To	otal Other Score		6	7	5)	7	3	7	9 4	
	Other Rank		7	4	8	i	4	3	4	1 10	
										<u> </u>	
To	tal Overall Score		23	31 2	4 25	22	.5	2 3	0 2	25 18.5	1
	Overall Rank	k	6	1	5	3	7		2	3 9	1

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Cullingworth\Corridor 1 route options.pdf

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to Thornton\Corridor 2 route options.pdf

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Bradford\Corridor 3_7_8 route options.pdf

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