AREA WIDE

				SEA ENVIR	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment									
Option 1 Alternative	+/+ +	X	X	Х	X	X	+	+	+/-	
	SPT. Improvement lighting units Assessment of Bus stop and term basis w provide valua bus travel in a where access as the attract Air Quality a support susta	ts may include where appro Commentary: shelter impro ith direct pos able assistance an area where to rail station tiveness as a s nd Material A ainable travel	•	nited to provis neral, will cont tially significa nents for the c is lower than ted. This is like rel mode. The of encouragin ole towards re ques are relat	sion of improve tribute to local ntly positive ir overall passeng the national a ely to improve re is also likely og a modal shif educing air pol	ed footways, l bus infrastruc npacts to Pop er experience verages, part the effectiver to be second t in transport lution and im e there may l	high access ker cture enhancer pulation and F e. This is likely t icularly in mor- ness and functi lary positive in ation to a mor proving air qua be negative im	bs, tactile pay ments on a me luman Health o encourage g e rural locatio onality of bus npacts on Clin e sustainable lity. pacts to Mate	edium to long as it aims to greater use of ns or in areas travel as well natic Factors , network and	

Option 1	+/0	Х	Х	X	X	X	X	X	X	
Alternative	Proposed Opt	ion: Continu	e to provide e	ssential maint	enance and c	eaning on bus	s infrastructu	re.	1	
2	Assessment C									
		•		of an on-going a	agreement be	tween East Du	nbartonshire	Council and SP	T at a regional	
	and local leve				-				-	
	not deteriora	te and disco	urage the use	e of buses in	East Dunbart	onshire. How	ever, the be	nefits to local	communities	
	(Population a	nd Human H	<mark>ealth</mark>) is only l	ikely to be mi	nor positive o	r neutral in na	ture as the o	otion limits the	e possibility of	
	improvements					-		This would also	o not promote	
	sustainable tra	ansport mode	es in the way i	mprovements	to bus stops a	nd shelters wo	ould.			
Option Asses	sment			1	1	1				
Option 2	+/+ +	Х	X	X	X	X	+/+ +	+	+	
Alternative	Proposed Opt	ion: Deployn	nent of Real T	ime Passenger	Information	(RTPI) system	s across East	Dunbartonshir	e.	
1	Assessment C									
\checkmark	The deployme	nt of Real Tin	ne Passenger I	nformation (R ⁻	TPI) across the	area at bus st	ops and shelt	ers is anticipate	ed to promote	\checkmark
	bus travel as a	n attractive s	sustainable mo	de of transpor	rt which in tur	n is likely to pr	omote a reali	stic alternative	to private car	
	use. As RTPI w	vill provide er	hanced repor	ting data and k	ous performar	ces there are	minor positive	e impacts, with	the potential	
	for significant	positive imp	pacts, to Popu	lation and Hu	uman Health	as buses are l	ikely to beco	me more relia	ble and each	
							•	nay lead to sec		
			· · · · · · · · · · · · · · · · · · ·					a more sustain	able network,	
	reducing traffi		ated emissions		ing to local cli	mate change a	and air quality	/ agendas.	_	
Option 2	+	Х	X	×	X	×	+/+ +	+	+	
Alternative	Proposed Opt	ion: Deliver	Real Time Pas	senger Inform	ation on the A	81 and A803	corridors		•	
2	Assessment C	ommentary:								
	Similarly to th	e previous op	otion this alter	native is likely	to result in m	inor positive i	mpacts to Po	pulation and F	luman Health	
	by promoting	; a more rel	iable and att	ractive netwo	rk of sustaina	able bus trave	el but with p	particular bene	efits to those	
						• • •		lso likely to res		
						-	•	ants demonstr		
	impacts to Air	Ouality , Clin	natic Factors a	nd Material A	ssets. There r	nay also be po	tential signific	cant effects to	Air Quality as	
						• •	-			
	greater bus us AQMA at Can	e and less ca	r use will help t	to reduce the r		• •	-			

	uniform, relia from increase	ble service ac	ross the whole						ls to provide a vill not benefit	
otion Assess Option 3	sment +	X	×	X	X	X	x	+	+	
ternative 1 V	city deal bus i	T to implement of the second sec	nt improveme		outes where a	opropriate thr	ough funds th	nat become av	ailable via the	v
	Council area attractiveness Dunbartonshi	rill have a dire which will ha s of public trar re and elsew	ave positive insport for user here, such as	mpacts for th rs and betterin neighbouring	ne local Popul ng opportunitie g Glasgow. The	ation and Hu es to be able to ere is also like	uman Health o travel and a ely to be gre	in terms of increases other are tater encourage	e whole of the increasing the eas within East gement of the purs which will	
			ct on Climatic		Aaterial Asset		U	•		
	have a minor +	positive impa X	X	Factors and N X	Anterial Assets	Х	×	+	+	
Option 3 Iternative 2	have a minor +	positive impa X tion: Allocate	X	Factors and N X	Aaterial Assets	Х	-			

on 4	+	X	X	X	X	X	?/+	?/+	?/+	
ative	Proposed Opti	on: Support g	reater synch	ronisation of k	ous and rail tir	netables at ra	il stations.		•	
	Assessment Co	ommentary:								
	In general it is	anticipated th	nat this optio	n will promote	e more seamle	ss transfers b	etween bus ar	nd rail transpo	ortation which	
	is likely to imp	orove overall	passenger ex	perience, indu	ucing a modal	shift in trans	port to a mor	re sustainable	network and	
	encouraging g	reater public	transport us	se with improv	ved connectiv	ity which is li	ikely to offer	minor positiv	ve benefits to	
	Population and	d Human Hea	lth. Whilst th	nis is also likely	to have a min	or positive im	pact on <mark>Clima</mark>	atic Factors, Ai	ir Quality and	
	Material Asset	s in terms of e	encouraging	reduced vehicu	ılar traffic, em	ission and cor	ntributions to a	a more sustain	nable network	
	within East Du					-			is such that it	
	will be externa	lly managed a	and facilitated	d by transport	groups such as	s Transport Sc	otland and SP	Т.		
	It is considere					•	-			
	responsibility o	•				has limited p	ower to influe	ence the optio	on directly but	
	it can contribu	te to support	and highlight	the benefits o	of this option.					
			<u>.</u>							
on 5	Proposed Opti		n Glasgow Im	provement Pr	ogramme (EG	IP)				
on 5	Proposed Opti Assessment Co	ommentary:		-		-				
on 5	Proposed Opti Assessment Co It is anticipate	ommentary: d that the EGI	IP programm	e of projects w	vill generate m	nultiple benef				
on 5	Proposed Opti Assessment Co It is anticipate stimulate ecor	ommentary: d that the EGI nomic growth	P programm in central Se	e of projects w cotland genera	vill generate mally including j	nultiple benef journey time	savings and ir	ncreased capa	acity between	
on 5	Proposed Opti Assessment Co It is anticipate stimulate ecor Edinburgh and	ommentary: d that the EGI nomic growth Glasgow and	P programm in central So the re-devel	e of projects w cotland genera opment of Que	vill generate m ally including j een Street Sta	nultiple benef ourney time tion is likely to	savings and ir o accelerate m	ncreased capa nodal shift and	acity between d enhance the	
n Asses ion 5 native 1	Proposed Opti Assessment Co It is anticipate stimulate ecor	ommentary: d that the EGI nomic growth Glasgow and	P programm in central So the re-devel	e of projects w cotland genera opment of Que	vill generate m ally including j een Street Sta	nultiple benef ourney time tion is likely to	savings and ir o accelerate m	ncreased capa nodal shift and	acity between d enhance the	

Theme: Roads

				SEA ENV	IRONMENTA	L FACTORS				
Options and Alternatives	Populatio n and Human Health	Cultural Heritage	Biodiversity , Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option

	+	X	Х	Х	X	Х	+	+	+				
Alternative 1	Proposed Op	otion: Investi	ate the feasib	ility of introdu	icing a Car Clu	ıb in East Dur	bartonshire.						
\checkmark	· ·		•	•	•				vehicles can be				
	accessed at a	any time and a	are available fr	om dedicated	spaces near t	o residential a	areas and plac	es of work.					
	Assessment	Commentary	:										
	The introduc	tion of a Car	Club in East D	ounbartonshire	e is likely to h	ave minor po	sitive impact	s on Populatio	on and Human				
	Health, Air C	Luality, Clima	tic Factors and	Material Asse	ets including t	he following:							
	 Health, Air Quality, Climatic Factors and Material Assets including the following: Greater encouragement of more sustainable travel habits particularly for more infrequent car users; 												
	Pron	notion of an c	verall more su	istainable netv	vork in East D	unbartonshir	e by highlight	ing the benefi	ts of a realistic				
	 Promotion of an overall more sustainable network in East Dunbartonshire by highlighting the benefits of a realistic mode of transport to replace car use; Potential decrease in personal car ownership; 												
					•				reduce overall				
									areas such as				
				re Air Quality N	-			-					
					utilise the Car	Club during w	orking hours a	and public use	during evening				
	hour		utilisation of				1						
Option 6	?	X	X	X	X	X	?	?	?				
Iternative 2	Proposed Op	otion: Increas	e Council pool	car provision									
	Assessment	Commentary	:										
						• •		•	bool car usage,				
									igh it has been				
									uality, Climatic				
			-	•			•		otential to cut				
					-			-	missions levels,				
	as use of pool cars will encourage car-sharing there are assumptions made that the use of pool cars will be by multiple people												
			for each journey and the overall positive impact is likely to be benefited by the use of electric cars rather than traditional										
	for each jour	rney and the	•	•	•	•							
	for each jour petrol/diese	rney and the l vehicles. In a	ddition, use o	f the pool cars	is likely to be	•			han traditional Juiring workers				
Option 6	for each jour petrol/diese	rney and the l vehicles. In a	ddition, use o	•	is likely to be	•							

	Assessment	Commentary:								
	Whilst there i	s the potentia	l that this alte	rnative option	will present m	inor positive i	mpacts to Popul	ation and Hun	nan Health,	
	Air Quality,	Climatic Facto	ors and Mate	erial Assets in	terms of con	tributing to p	otential increas	ed connectivit	y for local	
	communities	and better ac	cess to other	settlements in	n East Dunbart	onshire, and p	potentially cross	-boundary to p	places such	
	as neighbour	ing Glasgow. I	f successful, ii	ncreased even	ing provision v	vill contribute	to a more susta	inable transpo	ort network	
	within the lo	cal area and t	to a reduction	n in emissions	and reducing	the negative	effects of car t	ravel on clima	te change.	
	However, the	ere are some	limitations to	o this alternati	ive which cou	d also neutra	lise the enviro	nmental effect	s on these	
	factors. The o	current comm	ercial bus ma	arket supports	bus journeys	in settlement	s where there is	s demand. How	vever, East	
	Dunbartonsh	ire has relative	ely low bus pa	tronage and ev	vening provisio	on may not sui	t the demand a	nd also will not	contribute	
	to a more sus	stainable netw	ork througho	ut the day with	h overall benef	its.				
Option Assessi	ment									
Option 7	Proposed Op	tion: Review o	of procedures	and condition	ns of taxi firm	licensing in Ea	ast Dunbartons	nire		
Alternative 1	Assessment	Commentary:								
	Although it i	s recognised	that this opti	ion could influ	ience smarter	driving, less	vehicle idling a	nd improved	engine/taxi	
	conditions w	ith benefits p	rimarily for a	reduction in	emissions and	impacts to c	limate change t	to an extent, i	t has been	
	determined t	that at this st	age in the as	sessment this	option is not	subject to a	n environmenta	assessment	due to the	
	procedural/o	perational nat	ure of the op	tion.						
Option 7	Proposed Op	tion: Do minir	num							
Alternative 2	Assessment	Commentary:								
	It has been d	etermined tha	t this alterna	tive option is a	lso not subjec	t to an enviro	nmental assessr	nent as it will o	continue to	
	support curre	ent taxi licensii	ng procedure:	s in East Dunba	artonshire as a	'do minimum	r' option.			
Option Assessi	ment									
Option 8	+	Х	Х	X	X	X	+	+	Х	
Alternative 1	Proposed Op	tion: Vehicle I	dling Enforce	ement						
\checkmark										
	The Cou	incil's Environ	mental Health	n Officers will	continue to ca	rry out regula	r engine idling	patrols and en	forcement.	
				iate issue finar					,	\checkmark
		-				-	bution of leaflet	s and advice		
	-	-		and take any a						
		-	•	e idling initiati		•				
		•	•			Jeonana				
	Continu	e to erect app	ronriate signa	ασρ						

	It is considere	ed that ensu	iring that thei	re is adequate	e enforcemen	t against vehic	le idling throu	ghout the wh	ole of East	
		•	•	itive impacts t	o Population	and Human H	ealth, Air Qua	lity and Clima	atic Factors	
	including the f	e .								
						th vehicle idling	g including the	role it plays ir	n air quality	
				hange impacts	•		nd doliveries d	ue to potrole o	ndfinancial	
						as buses, taxis a es, areas of high		•		
	and,			ing beneficial		., a cas or mgr	population al		sy manufactures,	
		tial reduction	n in emissions	that contribut	e to poor air d	uality, particul	arly in AQMAs	and near scho	ols which in	
	turn c	an contribut	e towards a re	duction in air	pollution relat	ed illnesses suc	ch as respirator	y disease and	asthma, for	
	-		-		-	at a local level		-		
Option 8		•				able alternativ	es as monitori	ng is current p	ractice and	
Alternative 2 Option Assess	will continue r	regardless of	whether a nev	w option is im	plemented or	not.				
Option 9		X	X	X	X	X			X	
	+	\sim	\wedge			\sim	+	+	\sim	
Alternative 1										
Alternative 1	Proposed Opt	ion: Vehicle	Emissions tes	ting		vorking with B			hiro Council	
Alternative 1	Continue to ca	ion: Vehicle arry out vehi	Emissions test icle emission t	ting		vorking with Po			hire Council	
Alternative 1	· · ·	ion: Vehicle arry out vehi arkshire Cou	Emissions test icle emission t ncil	ting		vorking with Po			hire Council	✓
Alternative 1	Continue to ca and South Lan Assessment C	ion: Vehicle arry out vehi arkshire Cou ommentary:	Emissions test icle emission t ncil	t ing esting through	n partnership v	vorking with Po	blice Scotland,	I North Lanarksl		✓
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate	ion: Vehicle arry out vehi arkshire Cou ommentary: ed that this o	Emissions test icle emission t ncil ption will raise	ting esting through e an awarenes	n partnership v ss of the enviro	-	blice Scotland, cts of vehicle e	North Lanarksl missions for re	educing the	√
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star	ion: Vehicle arry out vehi arkshire Cou ommentary: ed that this o which in tur adards. In ado	Emissions test icle emission t incil ption will raise n can encour dition, this opt	ting esting through e an awarenes age either les ion will entail f	n partnership w s of the enviro s use of vehic fixed penalties	onmental impa cles or upgrade to be given to o	blice Scotland, cts of vehicle e s to vehicles to owners of vehic	North Lanarks missions for re o ensure aligi	educing the nment with not meeting	~
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star	ion: Vehicle arry out vehi arkshire Cou ommentary: ed that this o which in tur ndards. In ado ndards and w	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc	ting esting through e an awarenes age either les ion will entail f courage the us	n partnership v s of the enviro s use of vehic fixed penalties se of older or p	onmental impa cles or upgrade to be given to o polluting vehicl	olice Scotland, cts of vehicle e es to vehicles t owners of vehic es, presenting	North Lanarks missions for re o ensure aligi les which are r minor positive	educing the nment with not meeting impacts to	✓
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar	ion: Vehicle arry out vehi barkshire Cou ommentary: ed that this o which in tur ndards. In ado ndards and w	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc ealth. Working	ting esting through e an awarenes age either les ion will entail f courage the us g with North I	n partnership w s of the enviro s use of vehic fixed penalties se of older or p Lanarkshire an	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla	olice Scotland, cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er	North Lanarks missions for re o ensure aligi les which are r minor positive sure that the	educing the nment with not meeting impacts to benefits to	~
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar communities a	ion: Vehicle arry out vehicle arkshire Cou ommentary: ed that this o which in tur ndards. In ado ndards and w od Human He are also prom	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc ealth. Working noted on a cro	ting esting through e an awarenes age either les ion will entail f courage the us g with North I ss-boundary le	n partnership w s of the enviro s use of vehic fixed penalties se of older or p Lanarkshire an evel. This will li	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla ikely contribute	olice Scotland, cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er e to secondary i	North Lanarks missions for re o ensure aligi les which are r minor positive nsure that the minor positive	educing the nment with not meeting impacts to benefits to impacts for	✓
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar communities a improving loca	ion: Vehicle arry out vehi arkshire Cou ommentary: ed that this o which in tur adards. In ado adards and w are also prom al Air Quality	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc ealth. Working noted on a cro y and reducing	ting esting through e an awarenes age either les ion will entail f courage the us g with North I ss-boundary le g the negative	n partnership w s of the enviro s use of vehic fixed penalties se of older or p Lanarkshire an evel. This will li effects of air	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla	olice Scotland, cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er e to secondary i	North Lanarks missions for re o ensure aligi les which are r minor positive nsure that the minor positive	educing the nment with not meeting impacts to benefits to impacts for	~
Alternative 1	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar communities a	ion: Vehicle arry out vehi arkshire Cou ommentary: ed that this o which in tur adards. In ado adards and w are also prom al Air Quality	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc ealth. Working noted on a cro y and reducing	ting esting through e an awarenes age either les ion will entail f courage the us g with North I ss-boundary le g the negative id surface-wat	n partnership w so of the enviro s use of vehic fixed penalties se of older or p Lanarkshire an evel. This will li effects of air er run-off.	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla ikely contribute pollutants on C	olice Scotland, cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er e to secondary in climatic Factor	North Lanarks missions for re- to ensure aligi- cles which are r minor positive nsure that the minor positive s such as incre	educing the nment with not meeting impacts to benefits to impacts for eased urban	✓
✓	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar communities a improving loca heating and in	ion: Vehicle arry out vehi barkshire Cou ommentary: ed that this o which in tur hdards. In add hdards and w and Human H are also prom al Air Quality preased risk	Emissions test icle emission t incil ption will raise in can encour dition, this opt vill further disc ealth. Working noted on a cro and reducing of flooding an	ting esting through e an awarenes age either les ion will entail f courage the us g with North I ss-boundary le g the negative d surface-wate	a partnership was of the environ s use of vehic fixed penalties se of older or p Lanarkshire an evel. This will li effects of air er run-off.	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla ikely contribute	olice Scotland, cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er e to secondary i	North Lanarks missions for re o ensure aligi les which are r minor positive nsure that the minor positive	educing the nment with not meeting impacts to benefits to impacts for	√
V Option 9	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar communities a improving loca heating and im	ion: Vehicle arry out vehi barkshire Cou ommentary: ed that this o which in tur ndards. In ado ndards and w nd Human H are also prom al Air Quality creased risk X ion: Reduce	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc ealth. Working noted on a cro y and reducing of flooding an X the effort of e	ting esting through e an awarenes age either les ion will entail f courage the us g with North I ss-boundary le g the negative d surface-wate	a partnership w so of the enviro s use of vehic fixed penalties se of older or p Lanarkshire an evel. This will li effects of air er run-off.	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla ikely contribute pollutants on C	olice Scotland, cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er e to secondary in climatic Factor	North Lanarks missions for re- to ensure aligi- cles which are r minor positive nsure that the minor positive s such as incre	educing the nment with not meeting impacts to benefits to impacts for eased urban	✓
V Option 9	Continue to ca and South Lan Assessment C It is anticipate quality of air emissions star emissions star Population ar communities a improving loca heating and in Proposed Opt Assessment C	ion: Vehicle arry out vehi arkshire Cou ommentary: ed that this o which in tur adards. In ado andards and w are also prom al Air Quality acreased risk <u>X</u> ion: Reduce ommentary:	Emissions test icle emission t incil ption will raise n can encour dition, this opt vill further disc ealth. Working noted on a cro and reducing of flooding an X the effort of e	ting esting through e an awarenes age either les ion will entail f courage the us g with North I ss-boundary le g the negative d surface-wate X emissions test	n partnership v s of the enviro s use of vehic fixed penalties se of older or p Lanarkshire an evel. This will li effects of air er run-off. X ing	onmental impa cles or upgrade to be given to o polluting vehicl nd Police Scotla ikely contribute pollutants on C	cts of vehicle e es to vehicles to owners of vehic es, presenting and will also er e to secondary i Climatic Factors	North Lanarks missions for re- co ensure align les which are r minor positive sure that the minor positive such as incre	educing the ment with not meeting impacts to benefits to impacts for based urban	✓

	-			local air qualit I to exacerbate	• •	ne negative in	npacts of air qu	ality will not b	e dealt with	
Option Assess		ption and ha	s the potentia		the issues.					
Option 10	+	X	X	X	×	X	+	+ +	X	
Alternative 1	Proposed Opt	tion: Fleet Re	placement Pr	ogramme	I	I				
\checkmark	Assessment C The options in	•		ures:						
			-		placement pro	gramme with	minimum Euro	6 engine stan	idards.	
			y of electric fl							
	 Increa 	ase electric ve	ehicle charging	g points for flee	et vehicles					\checkmark
	Thurson that have		C . I					1. 1. 1	(() : : : : : : : : : :	
	-	-					ehicle fleet are vehicles offers z			
	-			•	•	•	d Human Health			
			• •	•	•		ular travel, imp	· · · · · · · · · · · · · · · · · · ·		
		•	00 0				stion issues and		,	
				ucing traffic lev						
Option 10	-	X	X	X	X	X	_	-	X	
Alternative 2	Proposed Opt		Council fleet	when vehicles		ests.				
	Assessment C									
		•		cles are replace	d when they a	re assessed to	be failing stand	dard testing. 1	Through this	
				•			g used within th	-	-	
	inefficient vel	nicles use mo	re fuel and ha	ve higher avera	age costs relate	ed to their rur	nning maintena	nce programm	nes.	
Option Assess	ment									
Option 11	+	Х	Х	×	X	X	+	+	X	
Alternative 1	Proposed Opt	tion: Fuel effi	cient driver ti	aining						
	Assessment C									
\checkmark		•		vision of fuel ef	ficient driving	training sessio	ons for all appro	priate Council	employees.	
	The training w	vill ensure that	at Council driv	ers are aware o	of potential co	st savings, env	vironmental bei	nefit of efficie	nt driving of	
	council vehicle	es. Benefits ir	nclude:							
	Typica	al annual savi	ngs of £200-2	50 for a car dri	ver (more for a	ı van).				\checkmark

			d of accidents							
		uced wear and uced carbon e	•	, brakes and c	lutches					
	• Real	iced carbon e	missions							
	Through the	anticipated b	enefits (listed	above) it is lik	elv to result ir	n positive imp	acts in relation	to Population	and Human	
								and risk of accid		
Option 11	+	X	X	X	X	X	-	-	X	
Alternative 2	Proposed Op	otion: Continu	ie only with c	urrent testing	procedures	·		·	•	
	Assessment	Commentary	:							
						•	-		erms of safety	
				•	This would b	e a missed op	portunity and	has the potent	tial to result in	
		bacts to Air Qu	uality and Clin	natic Factors						
Option Assess	ment									
Option 12	+	X	X	X	X	X	+ +	+ +	×	
Alternative 1	Proposed Op	otion: Introdu	ce ECO Stars I	leet recogniti	on Scheme ¹ f	or council flee	et (large vehicle	es), commercia	al HGVs, buses,	
	-		•	st Dunbartons	shire.					
V		Commentary		_				_		
		•	• •	-		•			st efficient and	
		•	•	•	-		•	-	nce for making	
					•	•			ons and has the ating polluting	
		•	•	•	•			•	rformance and	V
						-	•	• •	vings and lower	
		•		nities the firm	• •					
	This option is	s likely to resu	ılt in positive i	mpacts in relat	tion to Popula	ation and Hun	nan Health, Aiı	^r Quality and C	limatic Factors	
	through red	uced carbon	emissions, fu	el consumptic	on and reduce	ed risk to air	quality throug	gh impacts fro	om the Council	
	-				-				hat the Council	
	embraces the	e scheme and	will show the	Council leading	ng by example	e in utilising ve	ehicles with op	timum engine	standards.	

¹ <u>http://www.ecostars-uk.com/</u> The scheme received a Highly Commended Award in the Sustainability category at the CIHT Awards 2016.

	+	X	X	X	X	X	+/-	+/-	×	
Alternative 2				ue to carry ou	t the current o	ommitted trar	sport scheme	s and projects	s but not focus	
	on commerc	ial firms emiss	sions							
		Commentary:								
				•					er, continuing	
				•	•		•		ir Quality and	
		-	otential to res	sult in negative	e impacts depe	ending on the c	verall emissio	ns rates of cor	nmercial firms	
	in East Dunba	artonshire.								
Option Assessr	ment				1	-				
Option 13	+	X	×	X		X	+	+	+	
Alternative 1	Proposed Op	otion: Promot	e EDC Liftsha	re scheme		-			•	
	Assessment	Commentary:								
\checkmark	Implementin	g a Liftshare s	cheme amon	gst Council en	nployees will h	elp to reduce	traffic levels t	o work, conge	stion, journey	\checkmark
	times, parkin	ng pressures, t	ravel costs ar	nd car wear-ar	nd-tear. This w	/ill primarily ha	ave minor pos	itive impacts of	on Population	
	and Human	Health, Air Qu	ality, Climati	c Factors and	Material Asse	ts by contribu	ting to local a	r quality impr	ovements and	
	encouraging	more sustaina	hle modes of	transport thro	ugh a change i	n hahaviour. Th	o cignificance	of offoots will		
			bie modes of	ci anopoi e cin o	ugii u chunge i		ie significance	or effects will	be dependent	
	on the uptak	e of this schen		•					be dependent	
Option 13	on the uptak X			•	X	X	X	X	K	
	X	e of this schen	ne amongst e X	mployees.			-	1	-	
	X Proposed Op	e of this schen X	ne amongst e X mum	mployees.			-	1	-	
	X Proposed Op Assessment	e of this schen X ption: Do mini Commentary:	ne amongst e X mum	mployees.	X	X	X	X	-	
	X Proposed Op Assessment Doing minim	e of this schen X otion: Do min Commentary: um (not prom	ne amongst e X mum noting a Coun	mployees.	X cheme) will re	X sult in a misse	X	X / to help redu	X	
Option 13 Alternative 2	X Proposed Op Assessment Doing minim emissions an	e of this schen X otion: Do min Commentary: um (not prom d a behavioura	ne amongst e X imum noting a Coun al change tow	mployees.	X cheme) will re ustainable app	X sult in a misse	X	X / to help redu	X ce car-related	
Alternative 2	X Proposed Op Assessment Doing minim emissions an are unlikely t	e of this schen X otion: Do min Commentary: um (not prom d a behavioura	ne amongst e X imum noting a Coun al change tow	mployees. X ncil Liftshare so vards a more su	X cheme) will re ustainable app	X sult in a misse	X	X / to help redu	X ce car-related	
Alternative 2 Option Assessi Option 14	X Proposed Op Assessment Doing minim emissions an are unlikely t	e of this schen X otion: Do min Commentary: um (not prom d a behavioura	ne amongst e X imum noting a Coun al change tow	mployees. X ncil Liftshare so vards a more su	X cheme) will re ustainable app	X sult in a misse	X	X / to help redu	X ce car-related	
Alternative 2 Option Assessi Option 14	X Proposed Op Assessment Doing minim emissions an are unlikely t ment +	e of this schen X otion: Do mini Commentary: uum (not prom d a behavioura to result in any X	ne amongst e X mum noting a Coun al change tow r effects to the X	mployees. X ncil Liftshare so vards a more so e environment X	X cheme) will re ustainable app tal factors.	X sult in a misse roach. Howeve	X ad opportunity er, the effects	X v to help redu of a 'do minim	X ce car-related num' approach	
Alternative 2 Option Assessi Option 14	X Proposed Op Assessment Doing minim emissions an are unlikely t ment + Proposed Op	e of this schen X Dian: Do mini Commentary: Jum (not prom d a behavioura to result in any X Dian: On-goin	ne amongst e X mum noting a Coun al change tow r effects to the X	mployees.	X cheme) will re ustainable app tal factors.	X sult in a misse roach. Howeve	X ad opportunity er, the effects	X v to help redu of a 'do minim	X ce car-related num' approach	
Alternative 2 Option Assessi Option 14	X Proposed Op Assessment Doing minim emissions an are unlikely t ment + Proposed Op - winter servi	e of this schen X otion: Do mini Commentary: um (not prom d a behavioura to result in any X otion: On-goin ice provision	ne amongst e X mum noting a Coun al change tow effects to the X g road mainte	mployees. X acil Liftshare so vards a more so e environment X enance includ	X cheme) will re ustainable app tal factors. X ing;	X sult in a misse roach. Howeve	X ad opportunity er, the effects	X v to help redu of a 'do minim	X ce car-related num' approach	
Alternative 2 Option Assess	X Proposed Op Assessment Doing minim emissions an are unlikely t ment + Proposed Op - winter servi - auditing and	e of this schen X otion: Do mini Commentary: um (not prom d a behavioura to result in any X otion: On-goin ice provision	ne amongst e X mum noting a Coun al change tow reffects to the X g road mainted e of the road of	mployees. X ncil Liftshare so vards a more so e environment X	X cheme) will re ustainable app tal factors. X ing;	X sult in a misse roach. Howeve	X ad opportunity er, the effects	X v to help redu of a 'do minim	X ce car-related num' approach	✓

In general, it is anticipated that this option will have no effects on the local environment. However there is the potential for minor positives on **Population and Human Health** as winter service provision will enable the roads to be as safe as possible for travelling around East Dunbartonshire. This option will also help to manage bus and train operation where possible and enable communities to continue to commute.

Furthermore, auditing and maintenance of the road network - As the road managing authority for non-trunk roads, the Council is responsible for annual auditing of the road network. From the auditing programme a scoring system rates roads according to potential safety risks and a programme of annual maintenance is developed prioritising the greatest safety risks. This will present minor positive impacts for **Population and Human Health and Material Assets** in terms of ensuring that the road network within East Dunbartonshire is safe for use and maintained to a standard that does not reduce the functionality of the existing transport network. The Road Asset Management Plan (RAMP) will contribute to further management of a safe and usable road network across East Dunbartonshire.

This is a statutory requirement and it is therefore considered that there are no reasonable alternatives.

Option 15	+	X	X	X	X	X	X	X	+
Alternative 1	Proposed O	Option: Respo	nd to road de	ect reports in	a timeous ma	nner.			
	Assessment	t Commentar	y:						
\checkmark	Through the	e investigation	n of road defec	ts reported by	individuals wi	thin East Dunb	artonshire, the	Council will be	e able to carry
		•			•	• •			an Health and
			•					for use and ma	aintained to a
	standard th	at does not re	educe the func	tionality of the	existing trans	port network.	1	1	
Option 15	+/0	X	X	X	X	X	X	X	+/0
Alternative 2	Proposed O	Option: Invest	igate a propor	tion of reports	based on ass	essment of sei	riousness of de	efect	
	The anticipa with and w taking actio	ill only be pri n on the issue	f this option a oritised deper s will be deper	ding on how s ident on individ	erious they a dual perceptio	re. This may re n and not all de	educe the posi efects will be a	tive nature of	s will be dealt the effects as mely manner,

Option 16	+	Х	X	Х	X	X	X	X	X	
Iternative 1	Proposed (Option: Carry	out a 'Pothole	e Blitz' progra	mme on an a	d hoc basis, to	o fill in pothol	es and ensure	safety of road	
,	-		onstraints allow				·		,	
\checkmark	Assessmen	t Commentar	y:							\checkmark
				•	•				gh a dedicated	
				•					have a minor	
			lation and Hu	man Health b	y contributing	g to a safer ro	ad network w	hereby inciden	nts such as car	
Option 16	damage are	X	X	X	X	X	X	X	X	
Alternative 2									~	
	· · · · · · · · · · · · · · · · · · ·	t Commentar		pairs when th	e roads main	tenance progr	amme allows.			
			•	holes to he re	naired whilst	other work pro	ogrammes are	running concu	rrently. Whilst	
			•		•	•	-	-	educed by the	
		live will brese	נווג אוווומו ווווט							
	fact that m	inor potholes		nt be ignored o					ad defects and	
Option Assessr	fact that m is likely to b	inor potholes	reported migh	nt be ignored o						
Option 17	fact that m is likely to b	inor potholes	reported migh	nt be ignored o						
Option 17	fact that m is likely to t nent +	inor potholes be less cost-ef	reported migh fective over tir X	nt be ignored one.	or not conside	red a priority.	This can cause	e additional roa	ad defects and ?/+	
Option 17	fact that m is likely to to nent + Proposed C	inor potholes be less cost-ef	reported migh fective over tin X ion of low leve	nt be ignored one.	or not conside	red a priority.	This can cause	e additional roa	ad defects and ?/+	
Option Assessr Option 17 Alternative 1	fact that m is likely to b nent + Proposed C Assessmen Implement	inor potholes be less cost-ef X Dption: Provis t Commentar ing low level	reported migh fective over tir X ion of low leve y: cycle signals	nt be ignored one. X el cycle signals at traffic signals	or not conside X at traffic sign als at carriag	red a priority. X nals at carriage eway crossing	This can cause ?/+ eway crossing: s will primaril	e additional roa ?/+ s where approp y benefit cycli	ad defects and ?/+ priate ists as well as	
Option 17	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians	inor potholes be less cost-ef X Dption: Provis t Commentar ing low level s within East D	reported migh fective over tin X ion of low leve y: cycle signals Ounbartonshire	nt be ignored one. X el cycle signals at traffic signates by contribution	or not conside X at traffic sign als at carriageng to a safer e	red a priority. X nals at carriage eway crossing nvironment. T	This can cause ?/+ way crossings s will primaril hese signals w	e additional roa ?/+ s where approp y benefit cycli ill give cyclists	ad defects and ?/+ priate ists as well as priority on the	
Option 17	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic	inor potholes be less cost-ef X Dption: Provis t Commentar ing low level s within East D h will help to	reported migh fective over tin X ion of low leve y: cycle signals ounbartonshire integrate cyc	nt be ignored one. X el cycle signals at traffic signa by contribution ling infrastruct	als at carriage ture with oth	red a priority. X nals at carriage eway crossing nvironment. T er road-based	This can cause ?/+ way crossings s will primaril hese signals w infrastructure	e additional roa ?/+ where approp y benefit cycli ill give cyclists e. This is likely	ad defects and ?/+ priate ists as well as priority on the to encourage	
Option 17	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic greater par	inor potholes be less cost-ef X Dption: Provis t Commentar ing low level s within East D h will help to ticipation in c	reported migh fective over tin X ion of low leve y: cycle signals ounbartonshire integrate cyc ycling as a mea	nt be ignored one. X el cycle signals at traffic signa by contributing ling infrastruct ans of active tr	at traffic sign at traffic sign als at carriageng to a safer e ture with oth ravel, demons	red a priority. X nals at carriage eway crossing nvironment. T er road-based trating minor	This can cause ?/+ way crossings s will primaril hese signals w infrastructure positive impac	e additional roa ?/+ s where approp y benefit cycli ill give cyclists e. This is likely ts to Populatic	ad defects and ?/+ priate ists as well as priority on the to encourage on and Human	√
Option 17	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic greater par Health. The	inor potholes be less cost-eff X Dption: Provis t Commentar ing low level s within East D h will help to ticipation in c ere is the pote	reported migh fective over tin X ion of low leve y: cycle signals ounbartonshire integrate cyc ycling as a mea ential that this	at traffic signate by contributing ing infrastruct option could n	als at carriage als at carriage to a safer e ture with oth ravel, demons result in posit	red a priority. X mals at carriage eway crossing nvironment. T er road-based trating minor ive impacts to	This can cause ?/+ eway crossings s will primaril hese signals w infrastructure positive impac Air Quality, C	e additional roa ?/+ where approp y benefit cycli ill give cyclists e. This is likely ts to Populatic limatic Factors	ists as well as priority on the to encourage on and Human s and Material	
Option 17	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic greater par Health. The Assets in te	inor potholes be less cost-eff X Dption: Provis t Commentar ing low level s within East D h will help to ticipation in c ere is the pote	reported migh fective over tin X ion of low leve y: cycle signals ounbartonshire integrate cyc ycling as a mea ential that this	at traffic signate by contributing ing infrastruct option could n	als at carriage als at carriage to a safer e ture with oth ravel, demons result in posit	red a priority. X mals at carriage eway crossing nvironment. T er road-based trating minor ive impacts to	This can cause ?/+ eway crossings s will primaril hese signals w infrastructure positive impac Air Quality, C	e additional roa ?/+ where approp y benefit cycli ill give cyclists e. This is likely ts to Populatic limatic Factors	ad defects and ?/+ priate ists as well as priority on the to encourage on and Human	✓
Option 17	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic greater par Health. The	inor potholes be less cost-eff X Dption: Provis t Commentar ing low level s within East D h will help to ticipation in c ere is the pote	reported migh fective over tin X ion of low leve y: cycle signals ounbartonshire integrate cyc ycling as a mea ential that this	at traffic signate by contributing ing infrastruct option could n	als at carriage als at carriage to a safer e ture with oth ravel, demons result in posit	red a priority. X mals at carriage eway crossing nvironment. T er road-based trating minor ive impacts to	This can cause ?/+ eway crossings s will primaril hese signals w infrastructure positive impac Air Quality, C e transport ne	e additional roa ?/+ s where approp y benefit cycli ill give cyclists e. This is likely ts to Populatic limatic Factors twork including	ed defects and ?/+ priate ists as well as priority on the to encourage on and Human s and Material g less frequent	
Option 17 Iternative 1	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic greater par Health. The Assets in te car use. +	inor potholes be less cost-eff X Dption: Provis t Commentar ing low level s within East D h will help to ticipation in c ere is the pote erms of the po	reported migh fective over tin X ion of low leve y: cycle signals unbartonshire integrate cyc ycling as a mea ential that this tential outcon X	t be ignored one. X el cycle signals at traffic signals by contributin ling infrastruct ans of active the option could in the of this in p X	als at carriage als at carriage ture with oth ravel, demons result in posit romoting a m	red a priority. X mals at carriage eway crossing nvironment. T er road-based trating minor ive impacts to ore sustainable X	This can cause ?/+ eway crossings s will primaril hese signals w infrastructure positive impac Air Quality, C e transport ne ?/+	e additional roa ?/+ where approp y benefit cycli ill give cyclists e. This is likely ts to Populatio limatic Factors twork including ?/+	ists as well as priority on the to encourage on and Human s and Material	✓
Option 17 Alternative 1	fact that m is likely to b nent Proposed C Assessmen Implement pedestrians roads whic greater par Health. The Assets in te car use. + Proposed C	inor potholes be less cost-eff X Dption: Provis t Commentar ing low level s within East D h will help to ticipation in c ere is the pote erms of the po	reported migh fective over tin X ion of low leve y: cycle signals ounbartonshire integrate cyc ycling as a mea ential that this itential outcon X ment toucan c	t be ignored one. X el cycle signals at traffic signate by contributing ling infrastruct ans of active trans option could rans option could rans	als at carriage als at carriage ture with oth ravel, demons result in posit romoting a m	red a priority. X mals at carriage eway crossing nvironment. T er road-based trating minor ive impacts to ore sustainable X	This can cause ?/+ eway crossings s will primaril hese signals w infrastructure positive impac Air Quality, C e transport ne ?/+	e additional roa ?/+ where approp y benefit cycli ill give cyclists e. This is likely ts to Populatio limatic Factors twork including ?/+	ed defects and ?/+ priate ists as well as priority on the to encourage on and Human s and Material g less frequent	✓

Option 19 Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to Ea	X X X ?/+ ?/+		X 7	X	X			X		Х	X		X		+		tion 18
Assessment Commentary: Through the provision of Advanced Stop Lines (ASLs) and lead in cycle lanes at new control junctions, it will primarily bene cyclists as well as pedestrians within East Dunbartonshire by contributing to a safer and healthier environment. The proposed improvements will provide advantages for cyclists in the form of a visible and clear route to bypass queuing traf and provide a safer positioning point for cyclists turning right at junctions. It will also give cyclists priority on the roads whi will help to integrate cycling infrastructure with other road-based infrastructure. This is likely to encourage great participation in cycling as a means of active travel, demonstrating minor positive impacts to Population and Human Healt There is also the potential that this option could result in positive impacts to Air Quality, Climatic Factors and Material Asset in terms of the potential outcomes of this in promoting a more sustainable transport network including less frequent car us of the potential outcomes of this in promoting a more sustainable transport network including less frequent car us of the potential outcomes of this in promoting a more sustainable transport network including less frequent car us of the potential outcomes of this in promoting a more sustainable transport network including less frequent car us of the potential outcomes of this in promoting a curve travel alternatives, healthy habits and outdoor leisure and is likely encourage additional vehicular travel. As a result, there is potential for minor negative impacts on Population and Human Healt Air Quality, Climatic Factors and Material Assets in terms of potential outcomes. Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to East Dunbartonshire residents Assessment Commentary: Yroposed Option: Continue to support trunk	Stop Lines (ASLs), with lead in Cycle Lanes at signal controlled junction	at	cle Lanes at si	d in Cycle Land	, with lead	SLs),	s (AS	op Lines (/	d Sto	Advanced	n of Adv	ovisio	tion: Provisi	-	•		native 1
Option 18 ?/- X X X ?/- ?												ntary:	Commentary			<u> </u>	
Option 18 ?/- X X X X X Y ?/- <td>ast Dunbartonshire by contributing to a safer and healthier environmantages for cyclists in the form of a visible and clear route to bypass que cyclists turning right at junctions. It will also give cyclists priority on the cture with other road-based infrastructure. This is likely to encours ve travel, demonstrating minor positive impacts to Population and Hur</td> <th>afe and p gi re. pa</th> <th>ng to a safer a visible and c t will also give rastructure. Th psitive impacts</th> <th>tributing to a orm of a visible tions. It will al ed infrastruct inor positive in</th> <td>e by contr s in the for ht at junction road-based strating mir</td> <td>shire clists right ner r ionsti</td> <th>or cycl rning r o othe demo</th> <td>Dunbarto ages for c ists turnin e with o travel, dei</td> <td>East I vanta cycli ucture tive t</td> <th>within Ea ovide adv point for o infrastruc ans of act</th> <td>dvanced ians wit ill provic ning poir cling infr means</td> <td>n of Adedestrents words of a construction of a c</td> <td>provision of a ell as pedes provements a safer position integrate cy in cycling as</td> <td>he p we impi de a to i</td> <td>Through the cyclists as w proposed im and provide will help to participation</td> <td>Th cy pr ar w pa</td> <td>✓</td>	ast Dunbartonshire by contributing to a safer and healthier environmantages for cyclists in the form of a visible and clear route to bypass que cyclists turning right at junctions. It will also give cyclists priority on the cture with other road-based infrastructure. This is likely to encours ve travel, demonstrating minor positive impacts to Population and Hur	afe and p gi re. pa	ng to a safer a visible and c t will also give rastructure. Th psitive impacts	tributing to a orm of a visible tions. It will al ed infrastruct inor positive in	e by contr s in the for ht at junction road-based strating mir	shire clists right ner r ionsti	or cycl rning r o othe demo	Dunbarto ages for c ists turnin e with o travel, dei	East I vanta cycli ucture tive t	within Ea ovide adv point for o infrastruc ans of act	dvanced ians wit ill provic ning poir cling infr means	n of Adedestrents words of a construction of a c	provision of a ell as pedes provements a safer position integrate cy in cycling as	he p we impi de a to i	Through the cyclists as w proposed im and provide will help to participation	Th cy pr ar w pa	✓
Alternative 2 Proposed Option: Do minimum Assessment Commentary: Through this proposed option, it will essentially retain the current business as usual for junction development going forwar This option will not be in line with encouraging active travel alternatives, healthy habits and outdoor leisure and is likely encourage additional vehicular travel. As a result, there is potential for minor negative impacts on Population and Hume Health, Air Quality, Climatic Factors and Material Assets in terms of potential outcomes. Option 19 Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to Ea Option 19 Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mowidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region mowidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benef		ne				a mo	ting a		is in p					<u>f the</u>	in terms of t	in	
Proposed Option: Do minimum Assessment Commentary: Through this proposed option, it will essentially retain the current business as usual for junction development going forwar This option will not be in line with encouraging active travel alternatives, healthy habits and outdoor leisure and is likely encourage additional vehicular travel. As a result, there is potential for minor negative impacts on Population and Huma Health, Air Quality, Climatic Factors and Material Assets in terms of potential outcomes. Option 19 Alternative 1 V Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate economigrowth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mowidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region mowidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with th	X X X ?/- ?/-		X .	X	X			X		X	X		X		?/-		
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 This option will not be in line with encouraging active travel alternatives, healthy habits and outdoor leisure and is likely encourage additional vehicular travel. As a result, there is potential for minor negative impacts on Population and Huma Health, Air Quality, Climatic Factors and Material Assets in terms of potential outcomes. Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to Ea Dunbartonshire residents Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate economic growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and w												ntary:	Commentary	nt Co	Assessment	A	Ē
encourage additional vehicular travel. As a result, there is potential for minor negative impacts on Population and Human Health, Air Quality, Climatic Factors and Material Assets in terms of potential outcomes.	ntially retain the current business as usual for junction development go	for	as usual for ju	usiness as usua	urrent bus	he cu	ain th	ally retain	entia	t will esse	ion, it wi	d opti	proposed op	his p	Through this	Tł	
Health, Air Quality, Climatic Factors and Material Assets in terms of potential outcomes. Option Assessment Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to Ea Option 19 Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to Ea Option 19 Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region more widely with knock on benefits for local economies, the option is	raging active travel alternatives, healthy habits and outdoor leisure and	abi	ealthy habits	tives, healthy	el alternati	ravel	ive tr	ing active	uragi	ith encou	ne with	e in li	/ill not be in	n wi	This option	Tł	
Option Assessment Option 19 Alternative 1 V V Proposed Option: Continue to support trunk road improvements out-with the EDC area and highlight benefits to Ea Dunbartonshire residents Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mo widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of	s a result, there is potential for minor negative impacts on Population	itiv	nor negative	I for minor neg	potential f	e is p	there	result, the	As a r	travel. A	ular trav	vehic	ditional veh	e ado	encourage a	er	
Alternative 1 Dunbartonshire residents Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mowidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with the economic set of the region will be accounted with the economic set of the region will be accounted will be accounted with the economic set of the region will be accounted with the economic set of the region will be accounted with the econom	Material Assets in terms of potential outcomes.	m	tial outcomes.	potential out	n terms of p	ts in t	Asset	terial Ass	d Mat	ctors and	ic Factor	limati	uality, Clima	r Qu	Health, Air G	H	
Alternative 1 Dunbartonshire residents Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mowidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of the region movidely with knock on benefits for local economies areas out with the economic set of the region will be a set of the regin will be a set of the region will be a set of th															ient	nen	n Assessm
Assessment Commentary: Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mo widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus of	trunk road improvements out-with the EDC area and highlight bene	DC	ith the EDC a	out-with the	ovements o	nprov	d im	nk road i	t trur	support	ie to suj			-	•		
Whilst this option has the potential to generate multiple benefits for East Dunbartonshire residents and stimulate econom growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mo widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus												lents	ire residents	nshi	Dunbartons	D	native 1
growth in central Scotland generally and encourage journey time savings and increase the competitiveness of the region mo widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus												•	•				
widely with knock on benefits for local economies, the option is related to areas out with the EDC boundary and will focus	•						•			-		-		•			\checkmark
				-			-					-			-	-	
continual support of programmed options. Therefore it has been determined that this option will not require to be assess						•									•		
at this stage and there are no reasonable alternatives		IIS	e that this op	termined that	s been dete	nas r				•		-					
at this stage and there are no reasonable alternatives.	diternatives.						es.	ernatives.	e alte	asonable	no reaso	e are i	and there are	ge al	at this stage	at	

✓	Encouraging Assessment	young people	•	through schoo	ols		I	I	1	
✓	Encouraging Assessment	young people	•	•						
				inior koad Saf	ety Officers (J	RSO)				
	D	Commentary								\checkmark
	-	•	•		•		•	•	Population and	
		•					-	derstanding o	f good practice	
		-		ch is also likely						
Option 20	?/+	X	X	X	X	X	X	X	×	
Iternative 2	Proposed Op	tion: Provide	signage near	schools warn	ing drivers of	children cross	sing			
		Commentary								
		•	•	-			•		ion of children	
	-				•				option is reliant	
	•	-		icate young p	eople of road	safety, redu	cing the poter	itial for positi	ve impacts for	
ption Assessme		nd Human He	eartn.							
Option 21	+	X	X	X	X	X				
Itornativo 1						-	+	+	+	
			· ·	scheme for ED	DC employees					
		Commentary:		nable employe	oc to bo able	to accoss othe	r Council office	oc corry out cit	te visits, attend	
	•							•	cential to result	
	•		e , ,		••	•	•	•	sets due to the	
	•	dicted impact				,,				
		•		alth and well	being due to	access to bil	kes for exercis	se and access	s to the wider	\checkmark
		onment;			-					
	• A re	duction in em	nissions from	cars resulting	; in improver	ents to air qu	uality, especia	lly in AQMAs,	which in turn	
	dem	onstrates posi	tive effects fo	or the overall in	mpacts of clim	nate change at	a local level; a	and,		
		ft in hehaviou	r towards mo	re sustainable	modes of tran	sport. This cou	ild impact on n	ersonal lives a	is well as within	
	A shi						and impact on p			

Option 22	?/+	X	X	X	X	X	X	X	?/+	
Alternative 1	Proposed O	ption: Electro	nic informati	on signs to wa	arn drivers of d	elays, accident	ts or closures.			
_	Assessment	Commentary	/:							
\checkmark	In general, t	this option is	anticipated t	to have no sig	gnificant enviro	nmental impa	cts. However,	there is the p	otential that	
		-			propriate will p	•	•			
					g to an efficier					
	allows peop	le to continue	with their tra	vel plans with	minimum disru	ption and thro	ugh the interve	ention of useful	information.	
					ivoo to thio ovid	ting option of	this is an astal	liched offersti	tion	
Option Assessr		red that there	e are no reaso	naple alternat	ives to this exis	sting option as	this is an estai	blished, effectiv	ve option.	
Option 23	+	X	X	X	X	X	+/+ +	+/+ +	+	
Alternative 1			-				•			
	-	•		Urban Traffic	Control System	ns, such as SCC	DOT, to improv	ve traffic mana	igement	
		Commentary								
\checkmark	Continuing t	the roll out of	Urban Traffic	•	ms in the rest o					
\checkmark	Continuing t have a direc	the roll out of t influence or	Urban Traffic n traffic flow v	which in turn v	will directly pos	sitively impact	on Air Quality	, Climatic Fact	ors, Material	~
√	Continuing t have a direc Assets and	the roll out of t influence or Population a	Urban Traffic n traffic flow w nd Human He	which in turn vealth in terms	will directly pos of reducing co	sitively impact ongestion and	on Air Quality associated em	, Climatic Fact issions which o	ors, Material contribute to	\checkmark
✓	Continuing t have a direc Assets and urban heatin	the roll out of at influence or Population a ng and poor a	Urban Traffic n traffic flow w nd Human He air quality, es	which in turn weight in terms pecially in are	will directly pos of reducing co as such as Bisł	sitively impact ongestion and nopbriggs and	on Air Quality associated em Bearsden whe	, Climatic Fact issions which e re an AQMA is	ors, Material contribute to s designated,	~
~	Continuing t have a direc Assets and urban heatin improving jo	the roll out of the roll out of Population al ng and poor a purney times	Urban Traffic n traffic flow wind Human He air quality, es and contribut	which in turn ealth in terms pecially in are ing to efficien	will directly pos of reducing co as such as Bish t transport net	sitively impact ongestion and nopbriggs and works. SCOOT	on Air Quality associated em Bearsden whe systems can a	, Climatic Fact issions which o ere an AQMA is ilso help to det	ors, Material contribute to s designated, tect incidents	√
✓	Continuing t have a direc Assets and urban heatin improving jo which can in	the roll out of the roll out of Population and ng and poor a purney times acrease safety	Urban Traffic n traffic flow y nd Human He air quality, es and contribut on the roads	which in turn wealth in terms pecially in are ing to efficien and further er	will directly pos of reducing co as such as Bish t transport net asure that the t	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo	on Air Quality associated em Bearsden whe systems can a ork operates w	, Climatic Fact issions which o ere an AQMA is ilso help to det ith minimum is	ors, Material contribute to s designated, tect incidents ssues. For bus	~
~	Continuing t have a direc Assets and urban heatin improving jo which can in travel, this o	the roll out of the roll out of Population and ng and poor a purney times ncrease safety option will hel	Urban Traffic In traffic flow with and Human He air quality, es and contribut on the roads p to give buse	which in turn we ealth in terms pecially in are ing to efficien and further er es priority on t	will directly pos of reducing co as such as Bish t transport net isure that the t the road which	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo	on Air Quality associated em Bearsden whe systems can a ork operates w	, Climatic Fact issions which o ere an AQMA is ilso help to det ith minimum is	ors, Material contribute to s designated, tect incidents ssues. For bus	~
V Option 23	Continuing t have a direc Assets and urban heatin improving jo which can in travel, this o	the roll out of the roll out of Population and ng and poor a purney times ncrease safety option will hel	Urban Traffic In traffic flow with and Human He air quality, es and contribut on the roads p to give buse	which in turn wealth in terms pecially in are ing to efficien and further er	will directly pos of reducing co as such as Bish t transport net isure that the t the road which	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo	on Air Quality associated em Bearsden whe systems can a ork operates w	, Climatic Fact issions which o ere an AQMA is ilso help to det ith minimum is	ors, Material contribute to s designated, tect incidents ssues. For bus	✓
Option 23 Alternative 2	Continuing t have a direct Assets and urban heatin improving jo which can in travel, this o attractivene	the roll out of the roll out of Population and ng and poor a purney times acrease safety option will hel ess of bus as a X	Urban Traffic n traffic flow w and Human He air quality, es and contribut on the roads p to give buse sustainable m	which in turn wealth in terms pecially in are ing to efficien and further eres priority on the of transport X	will directly pos of reducing co as such as Bish t transport net asure that the the the road which ort.	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo will help to im	on Air Quality associated em Bearsden whe systems can a ork operates w prove bus jou	climatic Fact issions which o ere an AQMA is ilso help to det ith minimum is rney times and	ors, Material contribute to s designated, tect incidents ssues. For bus increase the	✓
	Continuing t have a direct Assets and urban heatin improving jo which can in travel, this o attractivene + Proposed O	the roll out of the roll out of Population and ng and poor a purney times acrease safety option will hel tess of bus as a X ption: Implen	Urban Traffic In traffic flow w and Human He air quality, es and contribut on the roads p to give buse sustainable m X ment MOVA s	which in turn wealth in terms pecially in are ing to efficien and further eres priority on the of transport X	will directly pos of reducing co as such as Bish t transport net isure that the the the road which ort.	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo will help to im	on Air Quality associated em Bearsden whe systems can a ork operates w prove bus jou	climatic Fact issions which o ere an AQMA is ilso help to det ith minimum is rney times and	ors, Material contribute to s designated, tect incidents ssues. For bus increase the	✓
	Continuing t have a direct Assets and urban heatin improving jo which can in travel, this o attractivene + Proposed O Assessment	the roll out of ct influence or Population and ng and poor a purney times acrease safety option will hel tess of bus as a X ption: Implen commentary	Urban Traffic in traffic flow w and Human He air quality, es and contribut on the roads p to give buse sustainable m X ment MOVA so	which in turn wealth in terms pecially in are ing to efficien and further er es priority on the priority on the priority of transport X ystems at indi	will directly pos of reducing co tas such as Bish t transport net issure that the to the road which ort. X vidual junction	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo will help to im X as across the an	on Air Quality associated em Bearsden whe systems can a ork operates w prove bus jou + uthority area	y, Climatic Fact issions which over ere an AQMA is ilso help to det ith minimum is rney times and +	ors, Material contribute to s designated, tect incidents ssues. For bus increase the +	√
	Continuing t have a direct Assets and urban heatin improving jo which can in travel, this o attractivene + Proposed O Assessment Whilst this a	the roll out of the roll out of Population and ng and poor a purney times acrease safety option will hel ess of bus as a X ption: Implen Commentary Ilternative is li	Urban Traffic In traffic flow we not Human He air quality, es and contribut on the roads p to give buse sustainable m X ment MOVA so r: kely to preser	which in turn wealth in terms pecially in area ing to efficien and further eres priority on the of transport of the of transport of transport of the of transport of tran	will directly pos of reducing co as such as Bish t transport net issure that the tr the road which ort. X vidual junction	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo will help to im X as across the an ts to Populatio	on Air Quality associated em Bearsden whe systems can a ork operates w prove bus jou + uthority area n and Human	 Climatic Fact issions which over an AQMA is ilso help to det ith minimum is rney times and + Health, Air Qua 	ors, Material contribute to s designated, tect incidents sues. For bus increase the + ality, Climatic	✓
	Continuing t have a direct Assets and urban heatin improving jo which can im travel, this o attractivene + Proposed O Assessment Whilst this a Factors and	the roll out of the roll out of Population and ng and poor a purney times forease safety option will hell tess of bus as a X ption: Implen Commentary Ilternative is li I Material As	Urban Traffic In traffic flow with air quality, est and contribut on the roads p to give buse sustainable m X ment MOVA sur- kely to preserver sets in term	which in turn wealth in terms pecially in are ing to efficien and further er es priority on the node of transp X ystems at indi ant some minor s of increasin	will directly pos of reducing co tas such as Bish t transport net issure that the to the road which ort. X vidual junction	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo will help to im X as across the an at individual j	on Air Quality associated em Bearsden whe systems can a ork operates w prove bus jou + uthority area n and Human junctions in E	c Climatic Fact c Climatic 	ors, Material contribute to s designated, tect incidents sues. For bus increase the + ality, Climatic shire, where	✓
	Continuing t have a direct Assets and urban heatin improving jo which can in travel, this o attractivene + Proposed O Assessment Whilst this a Factors and appropriate,	the roll out of the roll out of Population and ng and poor a purney times forease safety option will hele to bus as a X ption: Implen Commentary Iternative is li I Material As , which can co	Urban Traffic In traffic flow with and Human He air quality, es and contribut on the roads p to give buse sustainable m X ment MOVA so r: kely to presen ssets in term ntribute to a r	which in turn wealth in terms pecially in area ing to efficien and further eres priority on the priority on the priority of th	will directly pos of reducing co tas such as Bish t transport net soure that the the the road which ort. X vidual junction positive impact g traffic flow	sitively impact ongestion and nopbriggs and works. SCOOT ransport netwo will help to im <u>X</u> as across the au ts to Populatio at individual j ork, the option	on Air Quality associated em Bearsden whe systems can a ork operates w prove bus jou + uthority area n and Human junctions in E	c Climatic Fact i ssions which of ere an AQMA is also help to det ith minimum is rney times and + Health, Air Qua ast Dunbarton ond to wider tr	ors, Material contribute to s designated, tect incidents sues. For bus increase the + ality, Climatic shire, where affic patterns	✓

Option 24	+/+ +	?/-	?/-	?/-	+	?/-	+/+ +	+/+ +	+/-
rnative 1	Proposed O	ption: Road o	ptions to enf	orce/reduce s	peeds and enl	nance appeal o	f sustainable	travel includin	lg:
	• Car	riageway mar	king / localise	d narrowing,					
\checkmark	 Place 	e making init	iatives to tow	vn centre envi	ronments (Op	tions include 2	Omph zones,	appropriate st	treet furniture,
	stre	et lighting and	d walking) and	d cycling facilit	ies at and to n	ew developme	nts)		
		t Commentary	•						
		•		•	•				a as a result of
	-	•	Population a	nd Human Hea	alth, Landscap	e, Air Quality,	Climatic Facto	ors and Materi	al Assets, such
	as the follow	•							
			-	-		•		-	be particularly
		•		•					provision is not
		-			•	•	ns and cyclists	s could also co	ontribute to an
			• •	pation as an al					
			•						d to/from new
									th appropriate
						• •			el. These place
		-		•					ually appealing
			-	-	rneys. This car	have seconda	ry positive imp	pacts to tourisi	m, active travel
		ticipation and	-						
		-	-						ore sustainable
		•	•	•			-		noise pollution
				•					inbartonshire's
		-			•	•	-		iour to address
							l effect, increa	ised risk of plu	ivial and fluvial
	floc	oding and air p	ollution whic	h could be sigr	ificantly bene	ficial.			
	Although th	his ontion has	the notential	l to result in r	ositive enviro	nmental henef	its there is als	so the nossihil	ity of negative
	-	•	•					•	but there is the
					•			•	
	l potential th	nat alterations	s to the widt	h of carriagew	avs will requi	ire changes to	the existing i	nfrastructure	which has the

	Areas or nea	r culturul lici	tage assets st		insidered.	1			
ion 24	+	X	X	X	X	X	+/-	+/-	X
ive 2	Proposed Op	otion: Introdu	ice 20 mph zo	nes along the	majority of th	e A81 and A8	03 corridors.		
	Assessment	Commentary	:						
	This approad	ch would con	tribute to slo	wing down tr	affic and help	to reduce no	ise pollution,	contributing to	wards minor
	positive imp	acts to Air Qu	uality and Clin	natic Factors.	In addition, re	duced speeds	along these m	nain corridors v	would help to
			· · · · · · · · · · · · · · · · · · ·		-	•	•	ain corridors v e pedestrian en	•
	improve safe	ety and redres	ss the balance	of priority for	different road	l users as well	as improve the		vironment in
	improve safe town centres	ety and redress s with positive	ss the balance e impacts to P	of priority for opulation and	different road d Human Heal	l users as well th. However, 1	as improve the	e pedestrian en	vironment in along the A81
	improve safe town centres and A803 ha	ety and redress with positive we the poten	ss the balance e impacts to P tial to be cour	of priority for opulation and nter-productiv	r different road d Human Heal ve in compariso	l users as well th. However, to on to the ben	as improve the he benefits of efits of reduce	e pedestrian en 20mph zones a d speed limits i	nvironment in along the A81 in residential,
	improve safe town centres and A803 ha town centre	ety and redress with positive we the poten and school zo	ss the balance e impacts to P tial to be cour ones as this ma	of priority for opulation and nter-productiv ay increase tra	different road d Human Heal ve in compariso affic congestion	l users as well th. However, to on to the ben n, especially at	as improve the he benefits of efits of reduce pinch points a	e pedestrian en 20mph zones a	nvironment in along the A81 in residential, and increase

Theme: Parking

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity , Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assessm	nent						•			
Option 25	+/+ +	?	?	?	?	?	+/+ +	+/+ +	+/+ +	
Alternative 1	Proposed Op	otion: Assess	s and improve	the current	availability o	f electric veh	icle charging i	nfrastructure	within East	
	Dunbartonsh	ire								
\checkmark	Assessment C	Commentary:								
	The number o	of electric vehi	icles is expected	d to increase i	n the coming d	ecades. Assess	sing the current	infrastructur	e and ways to	
	improve it car	n help build a p	platform for fut	ure growths ex	xpected in this	market and en	suring an adequ	uate number o	of EV charging	
	points are ava	ailable to ED re	esidents. This w	ill present mir	nor positive imp	oacts to Mater	rial Assets, Pop	ulation and H	uman Health,	
	Climatic Factor	ors a <mark>nd Air Q</mark> u	uality, with the	potential for s	significant impa	acts, including	:			
	A mo	dal shift towa	ards sustainable	e transport o	ptions. Develo	oment of the	necessary infra	astructure thr	oughout East	
	Dunb	artonshire is r	more likely to e	ncourage a ch	ange from fue	-powered veh	nicles to electric	•	-	

	in are	as of high pol	lutant levels รเ	uch as Bearsde	en Cross and B	ishopbriggs, w	hich in turn w	calised air qual ill contribute to health and well	o reducing the	
	At this stage i	n the assessme	ent, the nature	of the impact	s on the other o	environmental	factors is unk	nown. This will	be dependent	
							Factors such a	as proximity to	water bodies,	
Option 25				ignations will						
Option 25 Alternative 2	0/+	X	X	X	X	X	+	+	0/+	_
	Proposed Op Assessment (n the current l	Electric Vehicle	e charging infr	astructure				_
	maintaining t it fails to take	he current infr in to account	astructure allo predicted futu	ows for it to be re rises in elec	kept in good v tric vehicle ow	working order nership. This c	and keeping u ould mean in	t to the same op with the late future that the for those who	st technology; infrastructure	
Option Assess	and impacts t		own homes.		itive impacts t	o Air Quality a	• • •	actors are like	ly to be minor	
Option 26	and impacts t		own homes.	Therefore pos	itive impacts t	o Air Quality a	• • •	actors are like	ly to be minor	✓
Option Assessn Option 26 Alternative 1	and impacts t nent ?/+	o Population X	own homes. and Human Ho X	Therefore pos eath and Mate	itive impacts t erial Assets ne X	o Air Quality a utral.	and Climatic F	+		 ✓

Option 26 Alternative 2	-	X	X	Х	X	X	-	-	-	
Alternative 2	Proposed Op	tion: Maintair	n free parking	across the aut	hority area					
	Assessment	Commentary:								
	In contrast to	Alternative 1,	this option ha	s the potentia	l to continue t	o encourage u	sers to drive in	to towns, part	icularly on a	
	longer-term l	basis for work.	This can contr	ibute to furthe	er emissions ar	nd air pollutior	n and discourag	ge a change to	wards a more	
	active travel	and sustainabl	e transport cu	ture. This also	has the poten	tial to limit pa	rking space for	shoppers and	therefore	
	have a negat	ive impact on l	ocal businesse	S.						

BEARSDEN & MILNGAVIE

Theme: Active Travel

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment									
Option 27 Alternative	+/+ +	+	?/+/-	?/-	X	?/-	+	+	+	
	north of the second sec	town Commentary: Access link to Medicated effect alation and Heat arry Park will arraging active we West Highla er opportunit alation and Heat forment, heat sm economy Quality, Climates es of transport	Mugdock Count ts: uman Health, give local peo e travel with be and Way which ies to access uman Health lth related adv locally. tic Factors and	Try Park from Biodiversity, pple the opp nefits toward o will be bene our local nat due to the w vantages of w d Material As he use of cars	Milngavie has the second secon	the potential ina and Cult ilise this gree rellbeing impr tourism and bent. There i benefits inclu condary impa- le routes to	to Mugdock Co to present mar ural Heritage - enspace for re rovements. Furt the economy. T s the potentia iding access to acts associated the Park will h n help to reduc	- better acces creation and thermore, the This option wi I for significa open space a with improve	bacts including s to Mugdock leisure whilst re will be links Il also provide nt effects for and the wider ements to the te sustainable	
	-		•	•			factor, there i terioration to i	•	-	

			•	rk. Similar neg pration of soil a	•		•••		nay occur due		
Option 27	0	Х	0	0	Х	X	X	X	X		
Alternative	Proposed Op	tion: Maintaiı	n current walk	ing infrastruct	ure in Milnga	vie		1			
2	Assessment C	Commentary:									
				-	•				nental factors		
	with the potential for neutral impacts to Population and Human Health, Biodiversity, Flora and Fauna and Cultural Heritage.										
	Maintaining routes will provide some opportunities for local people and visitors to access the natural environment, including										
	the West High	hland Way, as	well as histori	c assets. Howe	ever effects ar	e likely to be n	neutral as this	option reduce	s the effort to		
	improve conn	nectivity and e	xpand on exis	ting networks t	to encourage	better use.					

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment									
Option 28	Proposed Op	tion: A81 Qua	lity Bus Corric	dor						
Alternative	Assessment (Commentary:								
1	This option w	as assessed as	s part of the er	vironmental a	assessment of t	the A81 Route	Corridor Study	/ and, as the e	nvironmental	
	baseline has	not changed s	significantly, it	has been det	ermined that	this option wi	ll not be subje	ct to an asses	sment at this	
\checkmark	stage in orde	r to reduce du	plication of as	sessments.						
Option 28	+	?	?	?	?	?	+	+	+/-	
Alternative	Proposed Op	tion: Bus parl	and ride on a	site alongsid	e the A81	·		•		
2	Assessment (Commentary:								
	Creating a bu	s park and rid	e alongside th	e A81 in Bears	den will provid	le a means to	reduce traffic l	evels around I	Bearsden and	•
	into Glasgow,	, potential con	gestion and as	sociated emis	sions due to th	e introductior	n of a more sus	tainable mode	of transport.	
	In addition, a	park and ride	facility in Bea	rsden will help	to fill the exis	ting gap in ter	ms of access to	o public transp	oort provision	

	potential to r development present mino Quality. How disrupt curre run-off and r	educe existing t, and will help or positive env vever, this opt nt transport li	traffic levels to reduce a ironmental et ion will requinks and signif	along the A81 ir pollution ar ffects for Pop ire new or ch icant increase	l, especially fol nd emissions le ulation and Hu	lowing an infl wels. Overall, man Health, structure with nstruction was	ux of people in it is anticipat Material Asse nin a primarily ste, construction	n relation to the ed that this p ets, Climatic F residential a ion traffic and	actors and Air rea which can surface-water	
Option Assess Option 29	sment +/-	_	×	X	_	X	-/+	-/+/	+	
1	corridor, incl - increasing t - options for parking at Hi Assessment The full natu are likely to l effects: Pote proxistation in all Discorrights	uding: he provision or increasing part llfoot for south Commentary: re of effects ar be negative im ntial detraction imity of Milnga on is located d uragement of locations and buragement of	f parking space king at rail state Kilmardinny re likely to be pacts to Cult e of from the adj vie railway state to the visu car use to acc contributing to the use of co	tes at rail stati itions includin per the 2015 dependent or ural Heritage, acent Conservation car park al impact of d ess the train s to localised ef re paths nearl	Landscape, Ai vation Area stat and the Old Be ecking in the to tation for onwa fects of climate by both the Bea	g and at off-sit ilngavie, Wess ute corridor st ocation for par r Quality and tus and Towns arsden Conse own centre ar ard travel, res e change; arsden and W	te locations terton and Bea tudies rking both on Climatic Facto scape Protection rvation Area in ea; ulting in an ind esterton statio	arsden and ad and off-site. H ors in terms o on Area which n which the Be crease of local ons;	ditional lowever, there f the following is within close arsden railway ised emissions	~
	train for onw provision wa poor Air Qua risk area, whi secondary im	vard travel by s an issue rest lity locally and ich may result spacts to trains	nelping to end ricting use pr increasing th in significant of ervice efficient	courage conne eviously, this e negative effe effects to Clim ncies. The imp	ectivity for Pop option is likely	bulation and I to increase p c Factors. Fur increasing th ity and flood r	Human Health private vehicle thermore, the e risks for futu isks has the po	n, particularly use, further c site is located are flooding in stential for sec	ondary health-	

	sustainable of the effects fo However, the to all locatio particularly w	pptions for one or Material Ass ere is the pote ns by enhance where parking	ward travel, the sets are likely intial to present ing connectiviti was a constrait	ne option does to be neutral. It positive impa ty for people nts for using th	s not entirely acts for Popula to access ess ne rail networl	promote sustantion and Hum ential services	ainable transp nan Health and , employment ravel. Howeve	ort networks a d Material Ass t and leisure c	ed impacts to	
Option 29 Alternative	+/+ +	-	X	X	X	X	+	+	+	
2	Proposed Op	tion: Extensio	n of segregat	ed Bears Way	cycleway (pha	ises 2 and 3)				
	The proposal encouraging beneficial for to utilise a s Bearsway has as an alterna associated fo However, par changes to th	greater use o Population a afer environm s the potentia tive to vehicle or climate char rt of the route ne existing roa	ase 1 of the B f cycling as a nd Human He nent for active I to contribute use, reducing nge. This will p for Phase 2 p d network, th	means of acti alth, with the travel as we to a shift tow local emission resent minor asses through	ve travel for h potential for s Il as to benef ards a more s as and helping positive impact a conservatior	both leisure an significant effe it from the he ustainable tran to improve ain ts to Air Qual marea. Althoug	nd commuting ects, as it will g ealth benefits nsport networ r quality and li ity, Climatic F gh the propose	g into Glasgow give people the of cycling. In k which in turn miting the neg actors and Ma al will not invo	contribute to y. This will be e opportunity addition, the n can be used gative impacts iterial Assets. Ive significant acting from its	~

Theme: Roads

				SEA ENV	IRONMENTA	L FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversit y, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	ment									
Option 30	Proposed Op	otion: Junctio	n improvemen	ts – A81						
Alternative	 Opti 	ons include gy	ratory at Bock	air Rd, Roman	Drive and Mile	ngavie Road.				
1	 ASD/ 	A Bearsden/W	est Chapelton	Avenue juncti	ion remodellin	g Bearsden. R	eallocation roa	id space to inc	crease capacity.	
		Commentary vas assessed a		nvironmental	assessment of	the A81 Rout	e Corridor Stu	dv and, as the	environmental	\checkmark
V	•		•					•	essment at this	
		-				•	•		her study it is	
	considered t	hat there is no	o reasonable a	lternative.				-		
Option Assess	ment						_			
Option 31	+	X	X	X	X	X	+/+ +	+	+	
Alternative	Proposed Op	otion: Bearsde	en Cross Juncti	on Improvem	ients	•				
1	Assessment	Commentary	:							
\checkmark		•		-		-			Bearsden Cross	
	•		•	•	•	•		•	n problem and	V
	-					-	-		/ at peak times.	
	•			•				•	r quality issues present minor	
			ea which is a c	lesignateu AC		•	•	•	•	
	•		ects for Popul	ation and Hur	man Health M	laterial ∆cceto	Climatic Fact	ors and $\Delta ir \Omega$	uality	
Option Assess	positive envi		ects for Popul	ation and Hur	man Health, M	laterial Assets	s, Climatic Fact	ors and Air Q	uality.	
Option Assess Option 32	positive envi		ects for Popul	ation and Hur	man Health, M	laterial Assets	s, Climatic Fact	ors and Air Q	-	
	positive envi	ronmental eff X	X		I	I			uality. +/-	
Option 32	positive envi ment + Proposed Op	ronmental eff X otion: Cannies	X sburn Toll	X	X	X	+/+ +	+	-	✓

	In order to a implementation crossings would Health. Impro- active travel p efficiency of the could be par- improvements Quality. Addite there is scope	on of adaptiv uld have a dir ovements to participation the road netw ticularly ben s to localised tional benefit within the op npacts to Ma	ent traffic but e signal contro ect positive in the pedestria and would al vork improver eficial as this air quality as as of delivering otion to impro terial Assets i	ol with enhance npact on Clima n environments so help to reconnents and the sarea in Bea a result of this g this option in ve the function	ed pedestrian atic Factors, A t will help to duce congest e associated in rsden is desi s option has the nclude impro- n of the round	h and cycling p Air Quality, Ma dispel barriers ion, journey ti mpacts of idlin gnated as an he potential to ved access and labout at Cann	aterial Assets aterial Assets s to walking an imes are likely and traffic of Air Quality I o result in sign d parking for m hiesburn Toll; t	Il as potential and Population of cycling the y to be reduce on air quality Management ficant positive hearby busine his has the po	n involving the I reallocation of ion and Human erefore increase ced, the overall improved. This Area (AQMA); e effects for Air esses. However, otential to result xisting network	
Option 32	+/-	X	X	X	Х	X	X	X	+/-	
Alternative 2	Proposed Opt Assessment C			t at Canniesbu	ırn Toll					
	• remov	ignalising of t	ne roundabout he roundabou ian path roun	ıt			cussions of the	design incluc	de:	
		-	outside the fro de the row of s	nt of the shop			et for this, pos	sible options i	nclude a bypass	
	road o This option ha as it will provi way that enco	directly outsid as the potent ide positive in purages safe t	de the row of s ial to result in frastructure c ravel. Howeve	nt of the shops shops. minor positive hanges to help er, there is also	s (no clear des e impacts to l o improve cor o the potentia	sign decided ye both Populatic inectivity throu al for minor ne	on and Humar ughout Bearsd gative to Popu	Health and I en and wider Ilation and H	nclude a bypass Material Assets to Glasgow in a uman Health in ruption for local	
Option Assess	road of This option ha as it will provi way that enco terms of possi businesses.	directly outsid as the potent ide positive in purages safe t	de the row of s ial to result in frastructure c ravel. Howeve	nt of the shops shops. minor positive hanges to help er, there is also	s (no clear des e impacts to l o improve cor o the potentia	sign decided ye both Populatic inectivity throu al for minor ne	on and Humar ughout Bearsd gative to Popu	Health and I en and wider Ilation and H	Material Assets to Glasgow in a uman Health in	
Option Assess Option 33 Alternative	road of This option ha as it will provi way that enco terms of possi businesses. sment	directly outsid as the potent ide positive in ourages safe t ible fragment tion: Continu	de the row of s ial to result in frastructure c ravel. Howeve ation of the ex re to monitor	nt of the shops shops. minor positive hanges to help er, there is also kisting paths fo	s (no clear des e impacts to l o improve cor o the potentia or walking and	sign decided ye both Populatic inectivity throu al for minor ne cycling. There	on and Humar ughout Bearsd gative to Popu e may also be s	Health and I en and wider ulation and Hu hort-term disr	Material Assets to Glasgow in a uman Health in	

	The monitorin Bishopbriggs A Plan was unlike to SEA at this s	ir Quality Ma ely to result ir	nagement Pla n significant po	n has previous ositive or nega	sly been subje Itive environm	ct to SEA (Scre ental impacts	eening) where	it was determ	ined that the	
Option Assess	ment		r				1	-		
Option 34	+	X	X	X	X	X	×	X	X	
Alternative 1	Proposed Op	tion: Continu	e to deliver ro	ad safety me	asures in relat	ion to the A80	09		1	
				, ropriate locati) studs.		
\checkmark	Assessment (Commentary:								
	The impleme	ntation of thi	s option woul	d ensure that	improved roa	d safety meas	ures will be in	nplemented alo	ong the A809	\checkmark
	within identif	fied accident	hotspots. This	s option is like	ly to have a m	inor positive i	mpact on Por	oulation and H	uman Health	
	through impr	ovements to	road safety, h	ealth and com	munity wellbe	ing within the	vicinity of the	e A809.		
					es. The Counc	il has a statuto	ory duty to im	plement impro	ovements	
	and demonst	rate progress	towards road	safety.						

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment				<u>.</u>					
Option 35	Proposed Op	tion: Deliver	the actions in t	he emerging	Bearsden and	Milngavie To	own Centre Str	ategies		
Alternative	Assessment	Commentary:								-
1	Each of the T	own Centre St	rategies has re	cently been c	onsidered for S	SEA and conse	equently a Scre	ening Report v	vas submitted	
	to the SEA Ga	ateway. After	reviewing the r	esponses, the	Consultation	Authorities w	ere in agreeme	ent with the Co	ouncil that the	
	Town Centre	e Strategies a	re unlikely to	have signifi	cant environm	nental effects	. East Dunba	artonshire Co	uncil made a	V
	determinatio	n under Secti	on 8(1) of the E	Environmenta	l Assessment (Scotland) Act	2005 that the	Town Centre	Strategies are	
	unlikely to ha	ave significant	environmenta	l effects. The	refore, the do	cument will n	ot be subject t	o a Strategic E	invironmental	
	Assessment a	at this stage.					-	C		

BISHOPBRIGGS, TORRANCE, BALMORE AND BARDOWIE

Theme: Active Travel

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment									
Option 36	+	X	X	X	X	X	+	+	+	
Alternative	Proposed Op	tion: Bishopt	priggs Path Imp	provements						
1		Commentary:								-
		•	-		•	•	ectivity to existi	• •		\checkmark
V							encourage activ			
		•		•			nan Health, and ne potential pro			
	•	iated emissio		danty and ch						
Option 36	0	X	0	X	X	X	X	X	X	
Alternative	Proposed Or	tion: Maintai	n current core	path networ	k					-
2	· · · · · · · · · · · · · · · · · · ·	Commentary		P ⁴						-
		•		network ensu	res they are at	t kept at a co	onsistent standa	ard, it fails to	build on their	
	connections	to the wider a	ctive travel link	ks throughout	Bishopbriggs.	Therefore eff	ects to Populat	ion and Huma	an Health, and	
		Flora and Fau	una are likely to	o be neutral d	ue to limitatio	ns of expandi	ng the existing	network.		
Option Assess	sment		1	[1	T				
Option 37	+	×	×	×	X	X	+	+	+	
Alternative	Proposed Op	tion: Promot	e the Wester V	Vay through a	active travel ev	vents, signage	e and social me	dia	•	
		Commentary								
	-						impacts on Pop			
		•	•				el. This can hav	•		
	and wellbein	g by giving pe	ople additiona	I options for c	onnecting to t	he wider envi	ironment. This	has the poten	tial to present	

		ards a more s enefits to red	ustainable tra uce the associ	nsport networ ated negative	k, with contril effects of clim	outions to red ate change at	lucing vehicle a local level.	emissions, air	actors in terms r pollution and	
Option 37	+	X	X	X	Х	X	+	+	+	
Alternative	Proposed Opt	ion: Promote	e the Wester V	Vay through ir	nstalling appro	priate signag	je			
2	Assessment C	ommentary:								
	This option is	likely to have	similar effect	s as those deso	cribed in Optio	on 37, Alterna	tive 1. Howev	er, the means	s of promotion	
	might be restr	ictive in term	is of the numb	er of people th	nat might see t	the signage.				

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment									
Option 38	Proposed Op	otion: Bus Parl	k and Ride adja	acent to the B	ishopbriggs Re	elief Road (BR	R)			
Alternative	Assessment	Commentary:								
1	This option	was assessed	l as part of t	he environm	ental assessm	ent of the A	803 Route Co	orridor Study	and, as the	\checkmark
\checkmark			as not changed order to reduc				hat this optior	n will not be s	subject to an	
Option 38	+	X	X	X	X	X	+	+	+/-	
Alternative	Proposed Op	tion: Bus Parl	and Ride in t	he vicinity of	the B757/KLR	•				
2	Assessment	Commentary:								
	Creating a bu	is park and rid	e in the vicinity	y of the B757/	KLR will provid	le a means to	reduce traffic l	evels around t	the A803/806	
	and into Gla	sgow althoug	h not directly	situated in th	e Bishopbrigg	s, Torrance, B	almore and B	ardowie area.	There is the	
	potential to	reduce conges	tion and assoc	ciated emissio	ns due to the	introduction of	of a more sust	ainable mode	of transport.	
	Overall it is	anticipated th	at this propos	al would proc	ont minor noci		antal offacts	Con Donalation		
	Overall, it is	anticipateu tri	at this propose	ai would pless	ent minor pos	tive environm	iental effects	for Population	n and Human	

			•	•	-			truction waste,		
	for Material A		un-off and rele	ease of polluti	ions to waterb	odies and the	e air, presentir	ng potential ne	gative effects	
Option Asses										
Option 39	Proposed Opt	ion: A803 Qu	uality Bus Corr	idor (QBC) Pa	ckage					
Alternative	Measures cou	-	•		0					
	Provis	sion of real ti	me informatio	n at bus stops	along A803					
			ous stops and s		-					
	• Bus p	riority/conge	stion bypasses	s at key points	on the netwo	rk				
	• Bus d	etection inclu	uded within SC	COOT						V
	Assessment C	ommentary:								
	This option w	vas assessed	l as part of t	he environm:	ental assessm	nent of the A	A803 Route (Corridor Study	and, as the	
	environmenta	I baseline ha	as not change	d significantly	, it has been	determined t	hat this optio	n will not be s	subject to an	
	assessment at	this stage in	order to redu	ce duplication	of assessmen	ts.				
Option 39	+/+ +	Х	X	X	X	X	+	+	+/-	
Alternative	Proposed Opt	tion: Continu	e to develop b	ous infrastruct	ture through r	eliance on an	nual SPT capi	tal programme	for stop and	
2	shelter impro	vements	-		-					
	Assessment C	ommentary:								
	Bus stop and s	shelter impro	vements, in ge	neral, will con	tribute to loca	l bus infrastru	ucture enhance	ements on a me	edium to long	
	term basis wit	th direct posi	itive and poter	ntially significa	antly positive	impacts to Po	pulation and	Human Health	as it aims to	
	provide valua	ble assistance	e and improve	ments for the	overall passe	nger experien	nce. This is like	ly to encourag	e greater use	
	of bus travel i	in an area wł	nere bus patro	nage is lower	than the nati	onal averages	s, particularly i	in more rural lo	ocations or in	
	areas where a	ccess to rail s	tations is limit	ed. These imp	provements are	e likely to imp	rove the effec	tiveness and fu	inctionality of	
	bus travel as	well as impro	ove its attracti	iveness as a s	ustainable tra	vel mode. The	ere is also like	ely to be secon	dary positive	
								l shift in transp		
					-			air pollution a		
		•	• •		•	•		nay be negativ		
				onstruction in	npacts and the	ere may be m	inor short-ter	m disruptions t	to routes and	
	use of bus sto	ps and shelte	ers.							
Option Asses	sment				1	•				
Option Asses Option 40	sment +	x	X	X	×	×	+	+	+	

	Integrated Ira	ansport Hub a	nd associated	public realm v	vorks in Bishop	obriggs Town (Centre. Poten	tial locations for	or the hub are	
	currently und	-								×
	Bishopbriggs result in posit town centre a travel and im potential to r reducing asso	d Transport H Town Centre v ive impacts to nd use a range prove connec educe car jou ciated emissio ntly designate	will enable loc Population a e of transport of tivity, resultin prneys through cons. This will he ed as an Air Qu	al residents to nd Human He options for fur g in minor po n Bishopbriggs nave longer-te	o have better a alth by provid rther travel, fo positive impacts s Town Centre erm benefits fo	access to mult ing better opp r example into to Material A e with benefits or the overall	i-modal trans oortunities for Glasgow. Thi Assets. Furthes to Air Qual air pollution	s Town Centre sport options. r people to acc is will encourag ermore, this o lity and Climat levels at Bisho option will have	This will likely ess their local ge sustainable ption has the tic Factors by pbriggs Cross	
Option 40 Alternative	+ Proposed Opt	?/-	?/-	?/-	X	?/-	+/-	+/-	+/-	
	environmenta following effe • A mo contri	regated cycler al impacts to I cts: dal shift towa	Population an ards a more su a reduction	d Human Hea ustainable tra	alth, Air Quali nsport netwo	ty, Climatic Fa	e promotion	a range of different difference	including the ch is likely to	

Option Assess	scale of cor level; • Rooke the in There may als environment.	of construction ngestion along ery Plantation npact of creation o be secondar	n, there is the the A803 wh LNCS for biod ng a segregat	quired to create potential that ich in turn can diversity is located cycleway o construction of	t any interven enhance the r ated to the we n biodiversity	tion of the exi isk of traffic e est of the A80 value; and,	sting road net missions and p 3 – considerat	work could inc boor air quality ion will need t	rease the risk at a localised to be given to	
Option 41 Alternative	+/++	Х	X	X	X	X	+/+ +	+/+ +	+/+ +	
1	and climate ch Health, Air Q enhance integ travel within E to a car. Furth Auchinairn an reduce the ne	ed that this op nange benefits quality, Mater grated travel n East Dunbarto nermore, this d Bishopbrigg gative impact	In particular ial Assets an etworks betv nshire. It will proposal is lil s, in particul s of transport	resent overall r, the proposed d Climatic Fac veen cycling, w also specificall kely to encour ar, and the im	d option may p ctors, with th valking and bu y benefit thos age a modal s proved bus u ange.	present minor e potential fo is use. This wi e who are soc shift in transp se will help to	positive effect or significant e Il provide more ially excluded o ort to a more o reduce emise	ts to Population effects, as it we e opportunitie or don't have r sustainable ne sions and air p	n and Human yould actively is for locals to regular access etwork within pollution, and	✓
Option 41 Alternative 2	Assessment C Similarly to A Population ar minor in com time informat	commentary: Area Wide Op and Human He parison to the cion in our tow	tion 2 Altern alth, Air Qua se effects de vn centres wi	X shopbriggs and lative 1, this a lity, Climatic I scribed in the Il have multipl Dunbartonshi	Ilternative op Factors and N assessment c le benefits, to	tion has the laterial Asset of Area Wide (s. However, e Option 2 Alter	ffects are mor native 1. While	e likely to be greater real	

Theme: Roads

SEA ENVIRONMENTAL FACTORS

Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option	
Option Assess	ment										
Option 42	+	-			-	?	+/-	-/	-		
Alternative			t the delivery o	of phase 5 of t	he Bishopbrigg	s Relief Road	(BRR)				
1		Commentary				_					
_		The delivery of Phase 5 of the BRR will result in the development of a new road connecting northern Bishopbriggs and									
\checkmark	Torrance with the M80 to the south. Overall, the delivery of this option will help to relieve congestion and journey times from Bishopbriggs town centre and the A803 which will help to enhance connectivity and will help to relieve impact on AQMA in										
		ishopbriggs and potentially improve connections between Bishopbriggs and Glasgow city centre, especially if the route									
		allows for public transport provision. However, there are a number of negative impacts associated with the delivery of this									
	option including the following:										
	Cultural Heritage – The proposed route is in line with the line of the Antonine Wall north and east of Low Moss Prison and Cadder Roundabout, which is part of the proposed route, is also on the line of the Antonine Wall. The										
			e BRR has the p	•	· ·						
	• Biod	liversity, Flora	a and Fauna ar	nd Soil and Ge	eology – A nur	nber of biodiv	versity and geo	diversity desi	ignations are		
	loca	ted within the	vicinity of the	proposed phas	se 5 route inclu	iding a LNCS fo	or geodiversity	north of Low	Moss Prison,		
	•		Low Moss LNC			•		-	•		
			NCS that runs v			•			•		
		•	al to impact ne			sets by reduc	ing their value	and resulting	g in potential		
		0	tion and distur	•		C (1 1 1 1 1 1 1 1 1 1					
			r Quality and (•	•			
	which could result in possible diversion of flood risk areas and the impact of construction could generate addition flood risks for the local area. In addition encouraging more traffic and increased road capacity will increase the risk										
	of additional emissions that will contribute to the negative impacts of climate change such as increased heating and										
		flood risks as well as air pollution. Similarly, whilst there is the potential that this phase of the BRR will relocate traffic									
	from Bishopbriggs town centre to the BRR, could potentially divert or transfer air pollution to another area. The full										
			o water quality				•				
			d considered f		-			•			

2 P T A L	0/-	X	0	odes of transpo 0	-	?	-	-	-/	
Iternative 2	Proposed Op			BRR as the fir	•					
		-	-	connect cent	ral and wester	n Bishopbrigg	s to the BRR vi	a Westerhill Ro	bad.	
	Assessment Commentary: Leaving Phase 4 of the BRR as the final phase will present positive and negative effects to the local environment. The									
	anticipated effects are detailed below:									
	 Population and Human Health – No further phases of the BRR will limit access between northern Bishopbriggs and 									
	Torrance to the M80 in the south. Therefore, in comparison to Alternative 1, connectivity will not be improved.									
	• Cultural Heritage – Not continuing to the next phase of the BRR will limit any impacts on the line of the Antonine Wall and buffer zone further north, helping to protect and maintain its integrity as a historic asset.									
	Wall	and buffer zo	one further no	rth, helping to	protect and m	aintain its in	tegrity as a hist	oric asset.		
								rectly impact o		
	designations. However, Cadder Yard LNCS is located to the north of the Route. It is unlikely however that use of this part of the BRR will impact on this designation with any effects on its value. The effects on this will have been									\checkmark
				-	•		value. The eff	ects on this w	ill have been	
	mitigated and managed through the development of the BRR Phase 4.									
	• Water Quality, Air Quality and Climatic Factors – This option could encourage more traffic and increased road capacity which could increase the risk of additional emissions related to vehicle use that will contribute to the									
	negative impacts of climate change such as increased heating and flood risks as well as air pollution. Similarly, whilst									
	there is the potential that this phase of the BRR will relocate traffic from Bishopbriggs town centre there is still the									
		•						opbriggs AQM		
	proxi	mity to it. Th	e full nature c	of effects to wa	ater quality wil	need to be i	nvestigated fui	ther.		
	• Lands	scape – The i	route of the B	RR has the pot	tential to visua	ly impair this	s open rural se	tting and influe	ence a change	
	in set	tlement patt	erns for easte	rn Bishopbrig	gs.					
	Material Assets – Route does not support existing Active Travel Strategy for EDC and does not promote active travel									
	and sustainable modes of transport.									
Option Assess										
					Dichembrigge	Course Contro	in line with a	bligations for a	an Air Quality	
Option 43 Alternative	Proposed Op Management			air quality in	BISHOPDINggs	own centre	in the with o	oligations for a		

The monitoring of air quality in designated AQMAs in East Dunbartonshire is a statutory requirement. The updated Bearsden Air Quality Management Plan (2017) has previously been subject to SEA (Screening) where it was determined that the Plan was unlikely to result in significant positive or negative environmental impacts. Therefore this option will not be subject to a SEA at this stage and consequently, there are no reasonable alternatives.

			SEA ENVI	RONMENTAL	FACTORS						
Options and Alternatives	Population and Cultura Human Heritag Health	Elora and	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option		
Option Assess	sment										
Option 44	Proposed Option: Deli	ver the actions in	the emerging	Bishopbriggs	Town Centre	Strategy					
Alternative	Assessment Commentary:										
1	Each of the Town Centre Strategies has recently been considered for SEA and consequently a Screening Report was submitted										
	to the SEA Gateway. Af	ter reviewing the	responses, the	e Consultation	Authorities w	ere in agreeme	ent with the Co	ouncil that the			
	Town Centre Strategi	es are unlikely to	o have signifi	cant environm	nental effects	s. East Dunba	artonshire Co	uncil made a	•		
	determination under S	etermination under Section 8(1) of the Environmental Assessment (Scotland) Act 2005 that the Town Centre Strategies are									
	unlikely to have signific	likely to have significant environmental effects. Therefore, the document will not be subject to a Strategic Environmental									
	Assessment at this stag	je.									

KIRKINTILLOCH, LENZIE, WATERSIDE AND TWECHAR

				SEA ENVIR	RONMENTAL	FACTORS						
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option		
Option Assess	sment											
Option 45	Proposed Op	tion: A803 Qu	ality Bus Corric	lor (QBC) Pac	kage							
Alternative	See Bishopbr	riggs Option 2	, Alternative 1.									
										×		
Option Assess	sment											
Option 45	Proposed Op	tion: Continu	e to develop bu	s infrastructu	ure through re	liance on ann	nual SPT capital	programme	for stop and			
Alternative	shelter improvements.											
2	See EDC Wide Option 1, Alternative 1.											
Option Asses	sment		I		I							
Option 46	+/+ +	-	X	Х	×	X	+/+ +	+/+ +	+/+ +/-	\checkmark		
Alternative 1	Proposed Op Centre Maste		loch Town Cent	re Bus Impro	vements – inc	orporate in to	o the refresh o	f the Kirkintill	loch Town			
	Assessment Commentary: It is anticipated that this option would present, in general, positive environmental impacts for local communities, air quality and climate change benefits. In particular, the proposed option may present minor positive effects to Population and Human Health, Air Quality, Material Assets and Climatic Factors, with the potential for significant effects, as it would actively enhance integrated travel networks between cycling, walking and bus use. This will support wider regeneration plans for Kirkintilloch town centre, such as complimenting the Kirkintilloch Town Centre Masterplan improvements, as well as providing more opportunities for locals to travel within East Dunbartonshire. It will also specifically benefit those who are socially excluded or don't have regular access to a car. For pedestrians, this option will contribute to improved safety due to reduced											

	traffic speed	s and wider fo	ootways to dis	scourage spee	eding and car	use in genera	l. Furthermor	e, this propos	al is likely to				
	-		•			k within Kirkin	•	•					
				ll help to red	uce emissions	and air pollut	ion, and redu	ce the negativ	ve impacts of				
	transport on	climate chang	е.										
	However, cha	anging the carr	iageway to giv	e priority to p	edestrians usi	ng the footway	/s and bus infr	astructure/wa	iting facilities				
				• • •		sent minor adv			-				
	of potential construction waste and surface-water run-off, with potential impacts to water quality in nearby courses such as the Forth and Clyde Canal. In addition, the line of the Antonine Wall World Heritage Site and its buffer zone runs directly												
	through Kirkintilloch Town Centre. Any changes to the current infrastructure, although bringing benefits to the local community, has the potential to impact on this Cultural Heritage asset such as deterioration of its value and it will be vital												
	•	•	•		-								
	that the design and use of materials for infrastructural changes should be in line with the Antonine Wall Management Plan to integrate with this historical and tourist attraction.												
Option Assess	-												
Option 47	Proposed Op	Proposed Option: Kirkintilloch/Lenzie bus service improvements											
Alternative	Investigate ways of providing a service between Kirkintilloch, Lenzie and Woodilee, including altering existing services in												
1	partnership with operators.												
		Commentary:											
\checkmark	•		•			he A803 Route		• •					
			not changed s	significantly, t	this option ha	s been screen	ed out and t	he assessmen	t will not be				
	duplicated at												
Option 47		tigation Meas											
Option 47 Alternative	?/+	X	X	X	X	X	?/+	?/+	?/+				
2			ng and allow	the deregulat	ed bus marke	t to provide se	rvices on a co	mmercial basi	S				
		Commentary:											
		-			•	ervices along t		-	-				
						tonshire and o	•		-				
						or positive im							
						he routes pro							
			•	•	cts may result	for Population	and Human H	lealth, Air Qua	ality, Climatic				
		Material Asset		-									
	Bette	er provision fo	r local resident	s to utilise p	ublic transpo	rt and theref	ore travel to	other locatio	ns;				

	٠	Potential reductions in car use and associated emissions with benefits to localised air quality and effects of	
		climate change; and,	
	•	A shift towards more sustainable modes of transport.	

				SEA ENVIR	RONMENTAL	FACTORS					
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option	
Option Assess	sment										
Option 48	+/+ +	-	X	X	X	X	+/+ +	+/+ +	+/+ +		
Alternative	Proposed Op	tion: Lenzie li	mprovements P	roject					•		
1	 Deliver improvements to Lenzie village centre and station area. Improving connections between bus and rail and improving access to the town centre and station for pedestrians and cyclists. 										
\checkmark											
	Assessment Commentary: This option will primarily present future minor positive impacts, with the potential for significant effects, for Population and										
		• • • •	y, Climatic Fact	•	•	•	-		-	\checkmark	
	more sustain	able transpor	t network, whe	ereby multi-m	odal journeys	across Lenzie	e and wider ca	n be explored	l, particularly		
	-		cross-boundary			-					
		-	s, and layout at			•	•		-		
			ea is likely to en	-	• •		-				
			out appropriate vnscape Protect	-		nor negative	impacts to th	e village cent	re due to its		
			inscape rioteci	LIGH AIEG UESI	Shations.						
Option 48	+	?	?	X	X	X	+/0	+/0	+/-		
Alternative 2	Proposed Option: Increase parking at Lenzie Rail Station										
	Provide a parking deck at the north side of the car park										
	Assessment (Commentary:									

mative	Proposed Option: Foster strong partnership working with community groups and an external consultant to improve the layout and associated transport infrastructure at Townhead, Kirkintilloch Assessment Commentary:									
tion 49 rnative	+/+ +	X	X	X	X	X	?	?	+/+ +	
on Assess	sment					1	-	1		
	site.									
	the deliverabil	ity of this op	tion could imp	pact on the va	lue of Lenzie I	Moss and Loca	l Nature Rese	rve which is a	djacent to the	
		-				-			e account that	
			-					-	ice their value.	
						•			the effects on on. There is the	
	Lonzio Doil eta	tion is situat	ad within a C		rea and Taura	aana Duataati	an Area Tha f		the offects on	
	availability dur				·					
	-	-	-			-	-	-	educed parking	
			-			-			n turn has the n construction	
	Quality, espec	•	•				•			
		-		-			-		actors and Air	
									ainable modes	
				,	•		•	•	and congestion ult in increased	
					•	-		•	work for East	
						•			ality, Material	
	ensuring that t	nere is parki	ng provision fo	or those who v	would normall	y not use rail t	ravel due to th	neir proximity	to the station	
l l		1								

This initiative will be facilitated by EDC but will be community led as community groups will work directly with the consultant throughout this process. The main transport impacts this initiative will have is to address the main Townhead junction in order for it to cope better with the volume of traffic currently passing through it. This has the potential to pose benefits to **Population and Human Health** in terms of improved safety from traffic and potential speeding. There is also scope to investigate improved connectivity between cycle routes. This has the potential to promote a change in transport modes with

	benefits to Material Assets whilst also encouraging active travel with benefits to health and wellbeing. The nature of the impacts on Air Quality and Climatic Factors will be dependent on the outcomes of this consultation exercise with community groups.	
	This option is being facilitated by the regeneration team within the Council and funding is already in place to recruit a consultant and, therefore, there is no reasonable alternative.	

LENNOXTOWN, MILTON OF CAMPSIE, HAUGHHEAD AND CLACHAN OF CAMPSIE

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment						·		-	
Option 50	+	Х	X	Х	X	Х	+	+	+	
Alternative 1	+AAAAA+++Proposed Option: Work with operators and SPT to ensure continuation of X85 service from Campsie Glen to GlasgowAssessment Commentary:Ensuring the continuation of this bus service will be beneficial for local people, giving them greater access to Glasgow for both commuting and leisure purposes and in turn will help to meet air quality improvement agendas at a local level, encourage greater use of public transport as a more sustainable option and reduce emissions.As the powers for provision of bus services, commercial or subsidised, generally lie with operators and SPT, the Council is unlikely to be able to provide an alternative service, should this be withdrawn. Therefore it is considered that there are no reasonable alternatives.									

				SEA ENVI	RONMENTAL	FACTORS				
Options and Alternatives	Population and Human Health	Cultural Heritage	Biodiversity, Flora and Fauna	Soil and Geology	Landscape	Water Quality	Air Quality	Climatic Factors	Material Assets	SEA Preferred Option
Option Assess	sment									
Option 2 Alternative	+/+ +	X	X	Х	X	Х	+/+ +	+/+ +	+/+ +	
•	and will be outlined in the forthcoming Lennoxtown Place Plan. Assessment Commentary: The delivery of transport related actions in Lennoxtown include street design, active travel links to reduce road speed and improved safety and connections in Lennoxtown. These options are likely to present positive impacts to Population and Human Health, Air Quality, Climatic Factors and Material Assets, with the potential for significant effects, as they can help to improve safe travel through the village, improve connectivity locally to elsewhere in East Dunbartonshire and further-afield to places such as Glasgow, and encourage sustainable options to be utilised for travel. This can result in reduced emissions to improve air quality and reduce the negative effects of climate change.									
	It is considered that there are no reasonable alternatives to this option. Work is ongoing to deliver improvements that were identified as part of the Lennoxtown Charrette and Place Plan process.									