










- Key:**
-  Proposed Cyclepath
 -  Proposed Footway
 -  Proposed Carriageway
 -  Proposed Combined Footway/Cycleway
 -  Proposed Landscape Area
 -  Section Lines
 -  Bus Stop/Cycle Crossing area (for discussion)

North Point ↑ Drawn KMAH Checked by Date 05.05.16 Scale 1:1000 Original Size A1	Project Portobello to Musselburgh Active Travel Link Client SEStran Title General Arrangement (West) <small>Copyright Acknowledgement Crane Survey 2015. All rights reserved. Licence No. AL100017966</small>	IronsideFarrar Environmental Consultants Environmental Planners Civil Engineers Landscape Architects Graphic Design <small>111 McDonald Road EDINBURGH EH7 4JW Tel: 0131 850 8000 Fax: 0131 857 8723 mail@ironsidefarrar.com offices also in BELLSHILL & MANCHESTER</small>
	<small>Quality Assurance UKAS 9001 Quality Assurance ISO 9001:2008 SOS Certificate 0802294529</small>	

Drawing No. Revision
4691_110

Drawing Name and Location

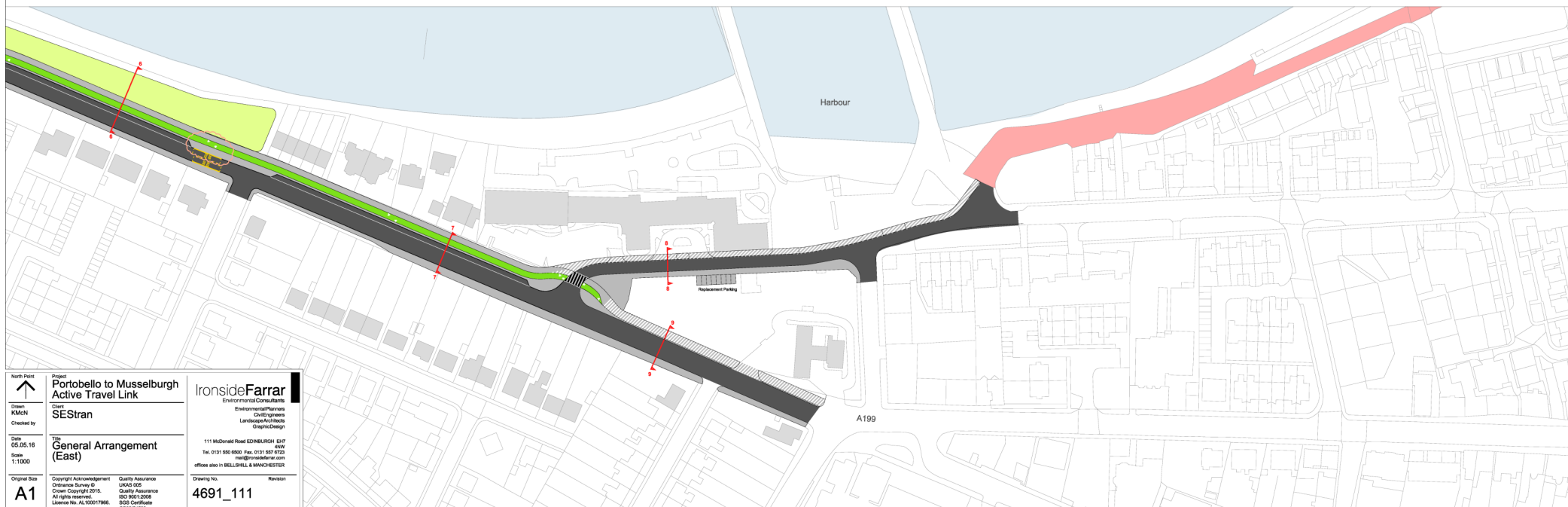




Figure 1: Cross-section of the study area. The diagram shows a 22m wide area divided into several zones from left to right: a 3.0m Footway with a pedestrian and child, a 3.5m Cycleway with a cyclist, a 2.5m Parking area with a car, an 8.0m Carriageway with a car, and a 4.0m Existing Footway with a group of people. A 1.0m buffer zone is indicated between the cycleway and the parking area. A wall is on the far left, and a garden wall is on the far right.

Typical Section 7 [22m]



Figure 1: Typical cross-section of a residential street. The diagram shows a street layout with a 4.5m Shared Surface, a 10m Carriageway, and a 4m Existing Footway. A 0.5m buffer zone is indicated between the shared surface and the carriageway. The total width is 18.5m. A 'Water' feature is on the left and a 'Garden wall' is on the right. Pedestrians and a cyclist are shown on the shared surface, and cars are shown in the carriageway.

Typical Section 9 [19m]



Date	Revision	No.	Index
North Point ↑ Down R&M Checked by	Project Portobello to Musselburgh Active Travel Link Client: SEStran		
Date 07/04/16 Scale 1:100	Title Illustrative Cross Sections	Ironsides Farrar Environmental Consultants Environmental Planners Civil Engineers Landscape Architects Graphic Designers 82 Cranston Road, Gurney Park Strathclyde Business Park, BELLSHILL, ML4 9SQ Tel: 01898 742888 Fax: 01898 163389 sales@ironsidesfarrar.co.uk Drawing also in EDINBURGH & MANCHESTER	
Original Size	Copyright Acknowledgement Design Authority Contract Copyright © 2015 All rights reserved. Licence No. AL100077966	Quality Assurance LMA4 006 Quality Assurance ISO 9001:2008 SGS Certificate B00305439	Drawing No. Revision
A1		4691_112	

Appendix 4 - Outline Cost Estimate

North Path Option

Description	UNIT	QTY	RATE		£
On Road Sections					
Section 1	m	505.0	£	560.80	£ 283,204.00
Section 2	m	225.0	£	560.80	£ 126,180.00
Section 3	m	400.0	£	458.50	£ 183,400.00
Section 4	m	150.0	£	315.81	£ 47,371.50
Section 5	m	155.0	£	417.90	£ 64,774.50
Section 6	m	150.0	£	617.80	£ 92,670.00
Section 7	m	170.0	£	453.80	£ 77,146.00
Section 8	m	230.0	£	192.80	£ 44,344.00
Section 9	m	140.0	£	355.05	£ 49,707.00
Carriageway Works					
White lining	sum	1.0	£	5,000.00	£ 5,000.00
New signage	sum	2125.0	£	10.00	£ 21,250.00
Miscellaneous					
Lighting	m	0.0	£	115.00	£ -
Drainage	m	2125.0	£	100.00	£ 212,500.00
Crossing Points / Build outs	nr	8.0	£	25,000.00	£ 200,000.00
Bus Stop Build outs	nr	12.0	£	25,000.00	£ 300,000.00
New Road Junction/ Traffic	sum	1.0	£	200,000.00	£ 200,000.00
Sub-total					£ 1,907,547.00
Add prelims/contingencies	%	25.0			£ 476,886.75
TOTAL ON ROAD BUDGET					£ 2,384,433.75

Full Corridor Option

Description	UNIT	QTY	RATE		£
On Road Sections					
Section 1	m	505.0	£	880.45	£ 444,627.25
Section 2	m	225.0	£	880.45	£ 198,101.25
Section 3	m	400.0	£	739.75	£ 295,900.00
Section 4	m	150.0	£	549.71	£ 82,456.50
Section 5	m	155.0	£	713.05	£ 110,522.75
Section 6	m	150.0	£	940.90	£ 141,135.00
Section 7	m	170.0	£	816.95	£ 138,881.50
Section 8	m	230.0	£	192.80	£ 44,344.00
Section 9	m	140.0	£	728.45	£ 101,983.00
Carriageway Works					
White lining	sum	1.0	£	5,000.00	£ 5,000.00
New signage	sum	2125.0	£	10.00	£ 21,250.00
Miscellaneous					
Lighting	m	2125.0	£	115.00	£ 244,375.00
Drainage	m	2125.0	£	100.00	£ 212,500.00
Crossing Points / Build outs	nr	8.0	£	25,000.00	£ 200,000.00
Bus Stop Build outs	nr	12.0	£	25,000.00	£ 300,000.00
New Road Junction/Traffic	sum	1.0	£	200,000.00	£ 200,000.00
Sub-total					£ 2,741,076.25
Add prelims/contingencies	%	25.0			£ 685,269.06
TOTAL ON ROAD BUDGET					£ 3,426,345.31

Description	UNIT	QTY	RATE		£
On road sections					
Section 1	m	260.0	£	880.45	£ 228,917.00
Section 2	m	160.0	£	880.45	£ 140,872.00
Section 3	m	0.0	£	739.75	£ -
Section 4	m	0.0	£	549.71	£ -
Section 5	m	0.0	£	713.05	£ -
Section 6	m	0.0	£	940.90	£ -
Section 7	m	0.0	£	816.95	£ -
Section 8	m	0.0	£	192.80	£ -
Section 9	m	0.0	£	728.45	£ -
Promenade Sections					
Section A (continuous with Section 1)	m	0.0	£	-	£ -
Section B	m	170.0	£	945.60	£ 160,752.00
Section C	m	150.0	£	5,370.60	£ 805,590.00
Section D	m	190.0	£	5,820.60	£ 1,105,914.00
Section E	m	170.0	£	2,005.60	£ 340,952.00
Section F	m	125.0	£	3,720.60	£ 465,075.00
Section G	m	75.0	£	945.60	£ 70,920.00
Section H	m	125.0	£	945.60	£ 118,200.00
Section I	m	170.0	£	945.60	£ 160,752.00
Section J	m	140.0	£	945.60	£ 132,384.00
Resurface Existing within harbour	m	880.0	£	50.00	£ 44,000.00
Carriageway Works					
White lining	sum	1.0	£	2,500.00	£ 2,500.00
New signage	sum	2615.0	£	10.00	£ 26,150.00
Miscellaneous					
Lighting	m	2615.0	£	115.00	£ 300,725.00
Drainage	m	420.0	£	100.00	£ 42,000.00
Bridge Crossing Brunstane Burn (25m span)	sum	1.0	£	75,000.00	£ 75,000.00
Sub-total					£ 4,220,703.00
Add prelims/contingencies	%	25.0			£ 1,055,175.75
TOTAL PROMENADE BUDGET					£ 5,275,878.75

Appendix 5 - Consultation

A formal presentation and round table discussion took place 28th February 2017 with officers from ELC and CEC, Sustrans and Ironside Farrar. The presentation power point is included in this Appendix.

The proposed connection was supported generally by all present, and a total of 36 comments were recorded during the post-presentation discussions.

These comments covered common themes, scheduled below in descending order of frequency:

- funding (9)
- connections (8)
- user experience (6)
- promotion/ engagement (4)
- road details (4)
- health promotion (3)
- construction (2)
- landowners (2)

These matters should be referenced when proceeding with further work on this project.

The meeting agreed that it would be appropriate to progress discussions and consultations between and within the two Council bodies, with a preferred intent to bring a recommended route and proposal forward in due course for public consultation and discussion.

MEETING ON TUESDAY 28 FEBRUARY 2017 AT BRUNTON HALL, ESK ROOM, MUSSELBURGH AT 10.00.am.

Present:	Moira Nelson	(MN)	SEStran (SES)
	Iain Reid	(IR)	East Lothian Council (ELC)
	Jennifer Lothian	(JL)	East Lothian Council (ELC SDO)
	Amber Moss	(AM)	East Lothian Council (ELC SDO)
	Alex Coul	(AC)	East Lothian Council (ELC F/LO)
	Naomi Sandilands	(NS)	East Lothian Council (ELC TM)
	Neil MacFarlane	(NMacF)	East Lothian Council (ELC TP)
	Darren Ryan	(DR)	City of Edinburgh Council (CEC)
	Matt Davis	(MD)	Sustrans (SUS)
	Donald McGregor	(DMcG)	Ironside Farrar Ltd (IFL)
	Robert Davidson	(RD)	Ironside Farrar Ltd (IFL)

	name	council	comment	theme
5	JL:	ELC	John Muir Way would be good / better link.	connections
7	NS:	ELC	Brunstane links – more detail to be shown. Good circle route if it was signed better from A199 end.	connections
8	DMcG:	IFL	No link details yet other than double width to 2 m.	connections
21	NS:	ELC	Zoom further out. Show it as a missing link – not just zoomed in. Link it in with North Edinburgh and Queensferry links.	connections
28	JL:	ELC	ELC local groups with support / desire from them with good links to Prestonpans, etc.	connections
29	JL:	ELC	Good links with John Muir Way.	connections
30	AM:	ELC	Access to Edinburgh College. Links too.	connections
31	MD:	Sustrans	Possible of rerouting NCN76 with this project.	connections
1	AC:	ELC	Harbour Trust Fishery Group looking at raised walkway. Coastal construction issues.	construction
2	AC:	ELC	Area generally suspect to coastal flooding.	construction
13	DR:	CEC	North Sea Cycle Fund?	funding
14	MD:	Sustrans	Really rebranded from NCN1 / NCN76.	funding
15	MD:	Sustrans	How has promotion been funded in the past?	funding
16	NS:	ELC	Not sure, mix College would know who has not attended. Unsure of developer fund. Unsure of extent of developer contribution.	funding
17	MD:	Sustrans	North Sea Cycle Fund is NCN1/76. Merger of routes.	funding
18	DMcG:	IFL	Advised on costs.	funding
23	MD:	Sustrans	Both council support with timescale plans.	funding
24	DMcG:	IFL	Has commitment – built in sections as the need arises.	funding
25		ALL	Series of decisions interim of delivery.	funding
22	IR:	ELC	Walk / cycle – Health links concepts tick boxes. Emphasise this in future consultations.	health promotion
38	IR:	ELC	Emphasis on health / physical activity.	health promotion
39	DMcG:	IFL	Go back and underline health / physical activity.	health promotion

	name	council	comment	theme
11	DMcG:	IFL	Proposed Bridge route too – landowner issues and path over to CEC.	landowners
12	NMcF:	ELC	Section 75 route to delivery paths. Status of planning applications to be looked at.	landowners
26	NMcF:	ELC	Public Consultation / next steps.	promotion/engagement
27	DMcG:	IFL	Client decision.	promotion/engagement
32	MD:	Sustrans	Some degree of certainty after project before Public Consultation.	promotion/engagement
33	IR:	ELC	How do we sell this project? No negativity within the table.	promotion/engagement
3	DR:	CEC	Narrow road transport document has been prepared to a final draft, but road not available for issue yet but is being planned.	resultant road
10	DMcG:	IFL	Current land use – space to take it out.	resultant road
35	DR:	CEC	Route very straight. Alignment of road and impact on traffic management and public transport.	resultant road
36	DR:	CEC	Harder sell with car parking loss from CEC viewpoint.	resultant road
4	AM:	ELC	Recreation use added. Cycling / walking 'bun fight' no segregation. Cyclists more a commuter route.	user experience
6	JL:	ELC	Signage Board, Benches, Welcome along route.	user experience
9	NS:	ELC	Large housing development – more pedestrians will use through route.	user experience
19	NS:	ELC	ELC existing white lining with parked cars.	user experience
20	IR:	ELC	Parking not controlled. Physical separation for cyclists for safety reasons. Cyclists prefer this.	user experience
34	NMcF:	ELC	Not mutually exclusively, can be broken down i.e. coastal section then into the shared surface.	user experience
37	DMcG:	IFL	Invited comments via Moira's email.	



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Portobello to Musselburgh High Quality Cycling Link

AGENDA

• INTRODUCTIONS	10:10 – 10:15
• PRESENTATION	10:15 – 10:40
• THE STUDY AREA	
• KEY ELC/CEC PLANNING CONTEXT	
• SITE SURVEY RESULTS	
• ROUTE OPTION APPRAISAL	
• PARKING COUNTS	
• CAMERA SURVEYS	
• INDICATIVE DESIGN, ROUTE AND CROSS SECTIONS	
• BREAK & COFFEE	10:40 – 10:55
• INFORMAL DISCUSSION/DISPLAY REVIEW	10:55 – 11:10
• MEETING DISCUSSION	11:10 – 11:45
• SUMMARY & THANKS	11:45 – 11:50

SEStran & Sustrans • EDINBURGH City Council • East Lothian Council

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Portobello to Musselburgh High Quality Cycling Link

WELCOME

SESTRAN, SUSTRANS, CEC & ELC ARE INVESTIGATING THE FEASIBILITY OF CREATING AN UPGRADED CYCLE LINK BETWEEN MUSSELBURGH AND PORTOBELLO

STRATEGIC CROSS BOUNDARY CYCLE DEVELOPMENT REPORT 2015 IDENTIFIED THE ROUTE AS A "MISSING LINK" IN THE WIDER TRAVEL NETWORK

IRONSIDE FARRAR HAS BEEN APPOINTED TO FACILITATE A WORKSHOP WITH KEY STAKEHOLDER GROUPS TO EXPLORE LOCAL ISSUES, REVIEW LOCAL STRATEGIES AND START TO BUILD CONSENSUS ON A PROPOSED ROUTE



SEStran & Sustrans • EDINBURGH City Council • East Lothian Council


IronsideFarrar urban movement

Portobello to Musselburgh High Quality Cycling Link

THE STUDY

THE AIMS OF THE PROJECT:

1. ASSESS THE FEASIBILITY OF CREATING A CYCLEWAY CONNECTING PORTOBELLO AND MUSSELBURGH PROMENADES
2. PROVIDE SAFER WALKING CONNECTIONS, INCREASING PERMEABILITY OF THE SEA FRONT
3. IMPROVE THE STREETSCAPE & PUBLIC REALM



SEStran & Sustrans • EDINBURGH City Council • East Lothian Council

Musselburgh to Portobello Active Travel Link Feasibility Study


IronsideFarrar
Landscape Architecture

THE STUDY

THE AIMS OF THE PROJECT:

1. ASSESS THE FEASIBILITY OF CREATING A CYCLEWAY CONNECTING PORTOBELLO AND MUSSELBURGH PROMENADES
2. PROVIDE SAFER WALKING ROUTES, INCREASING PERMEABILITY OF THE AREA, ENHANCED PUBLIC REALM ETC.
3. IMPROVE THE STREETScape & PUBLIC REALM

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Strava heat map showing intensity of cyclists using the Strava app along the key routes

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Section 1: street view looking east along B6415 at Portobello promenade

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Section 2: street view looking east along B6415 at the Rockville Restaurant

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East Lothian Council



Section 3a: street view looking east along B6415



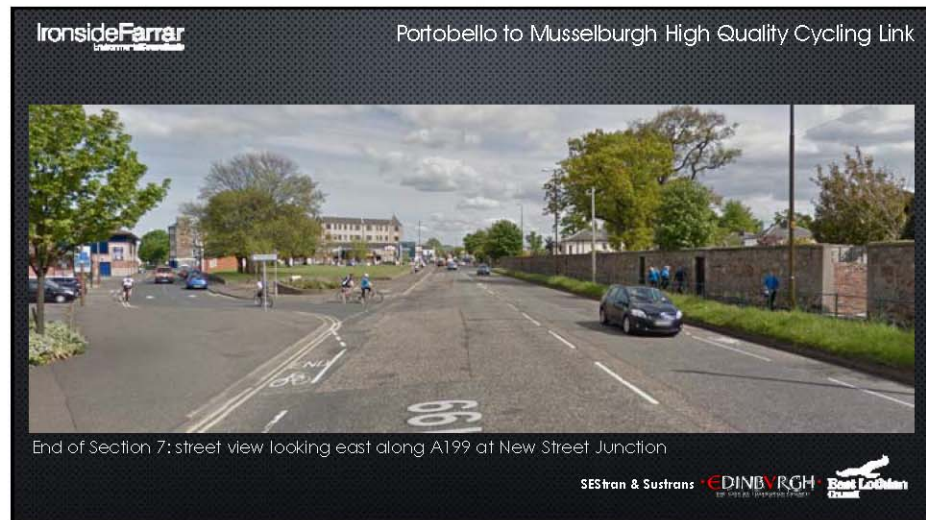
Section 3b: street view looking east at A199 junction

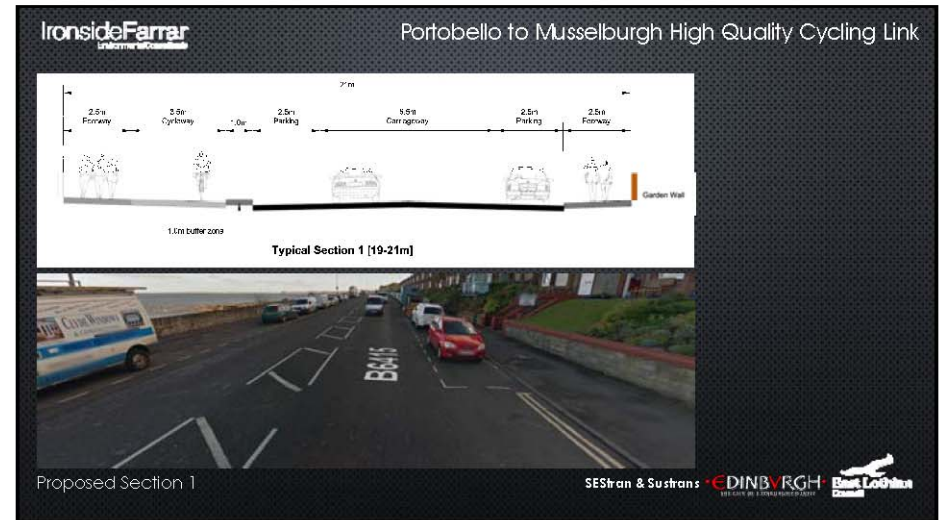
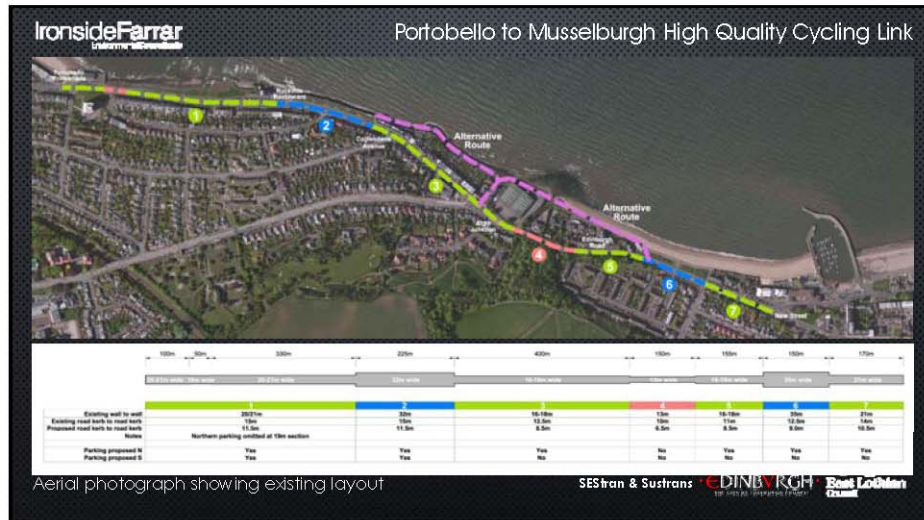
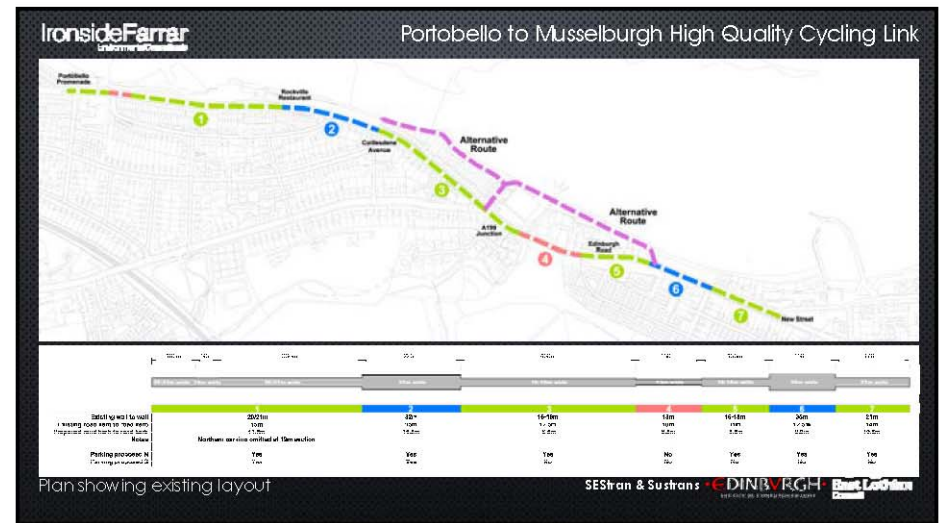
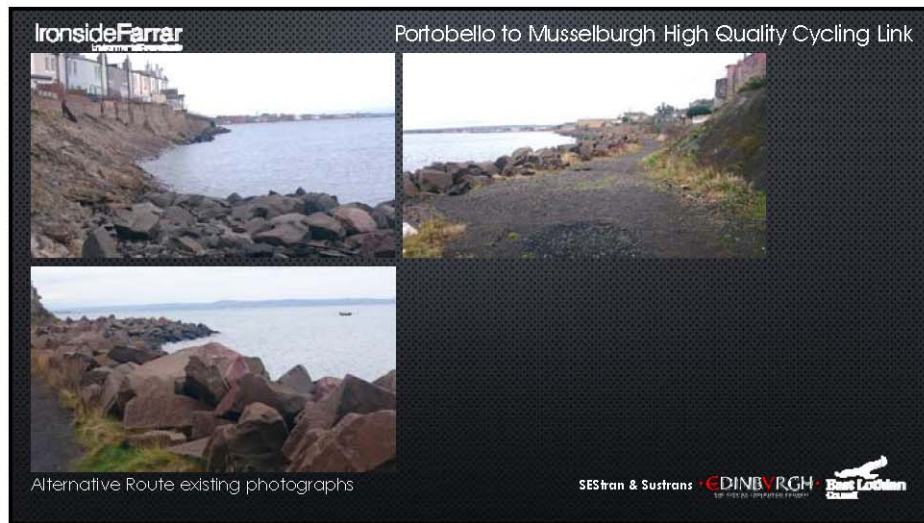


Section 4: street view looking east along A199 with cash and carry entrance junction on the left and Brunstane Burn path entrance on the right

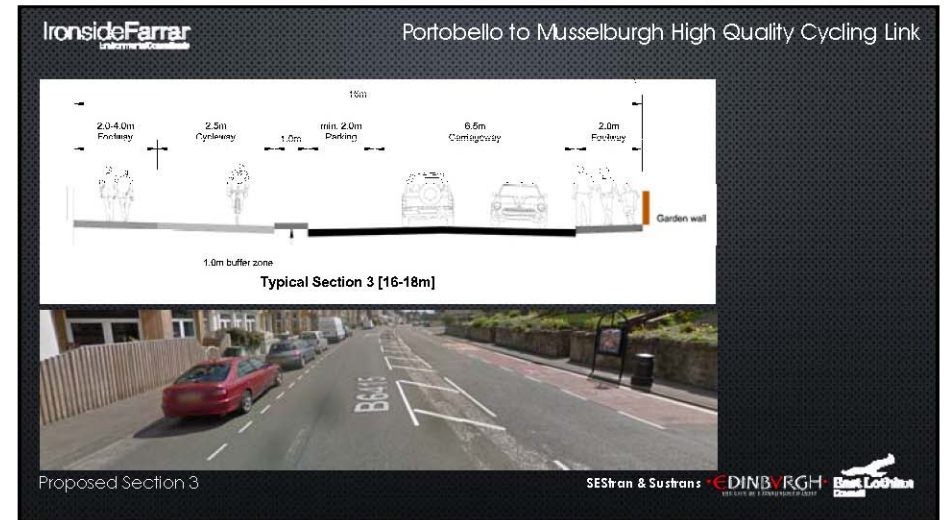
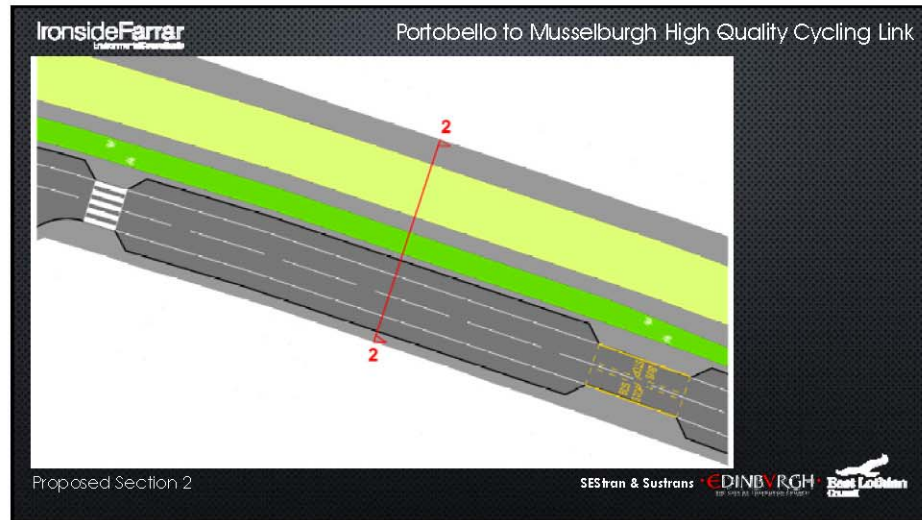
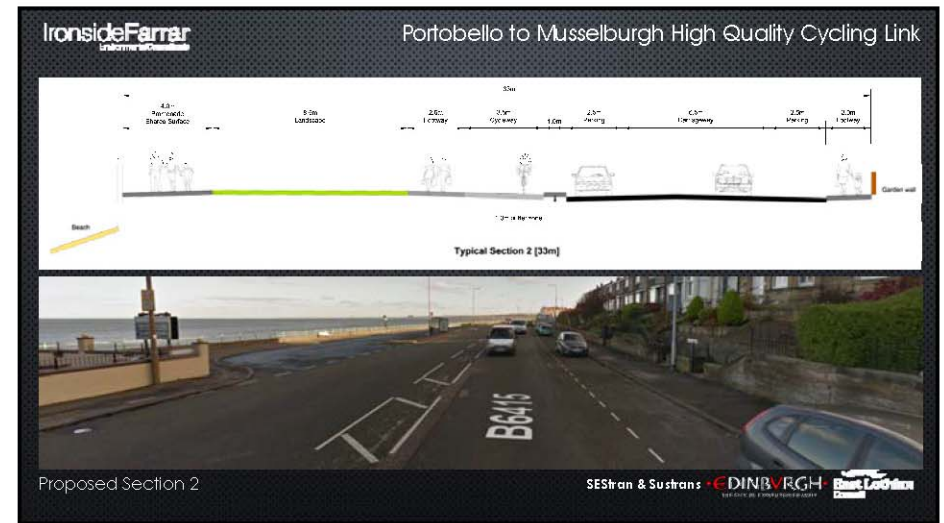
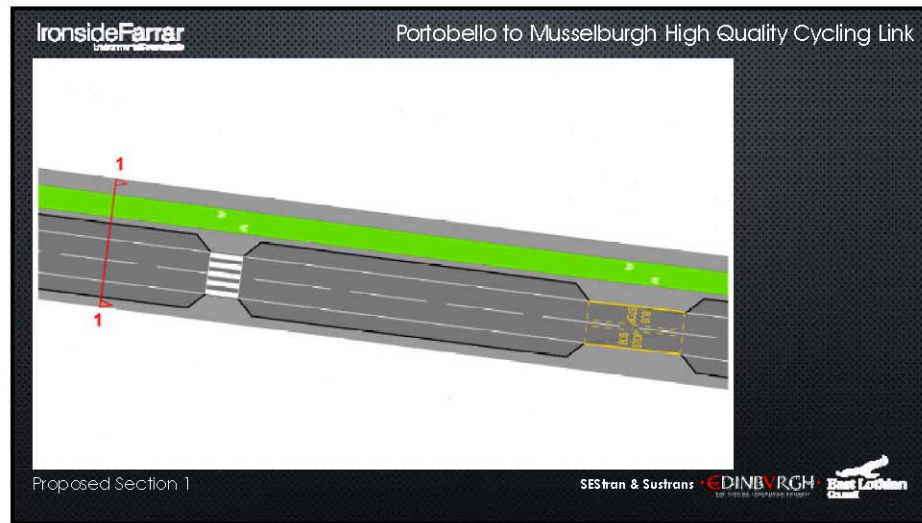


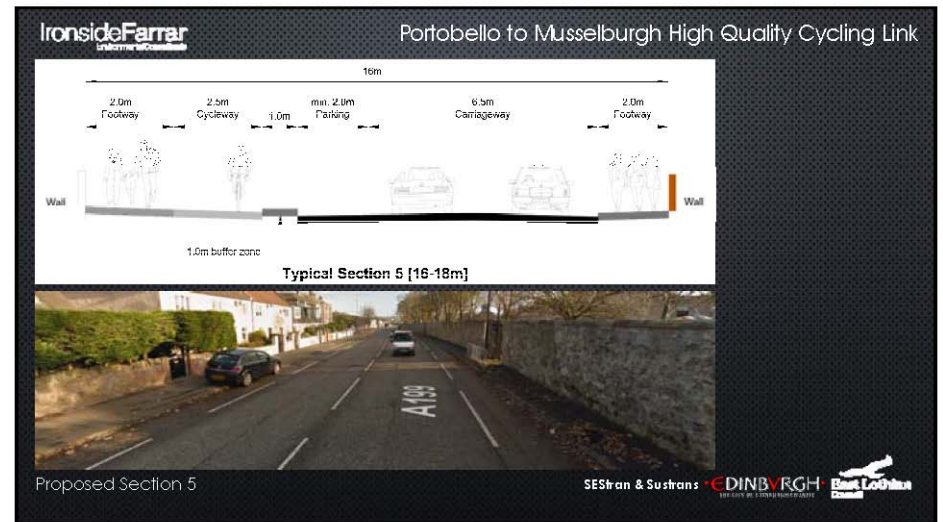
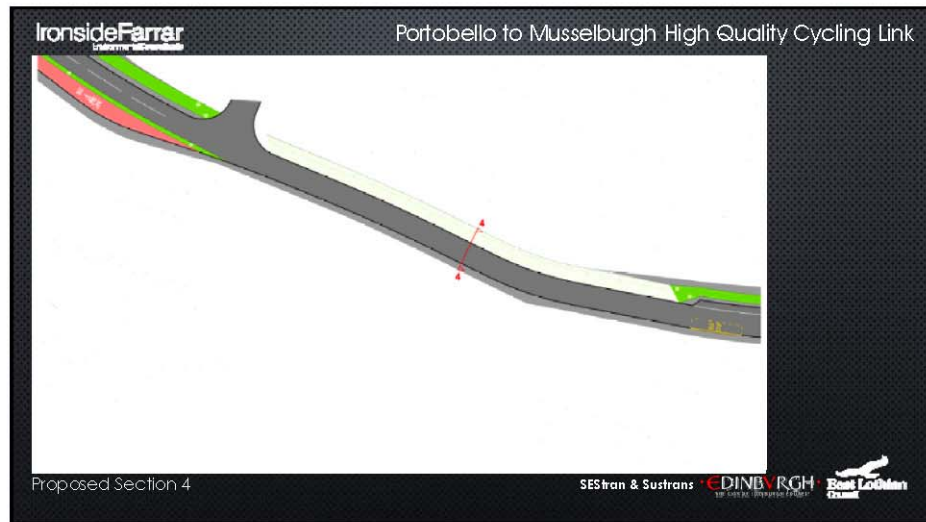
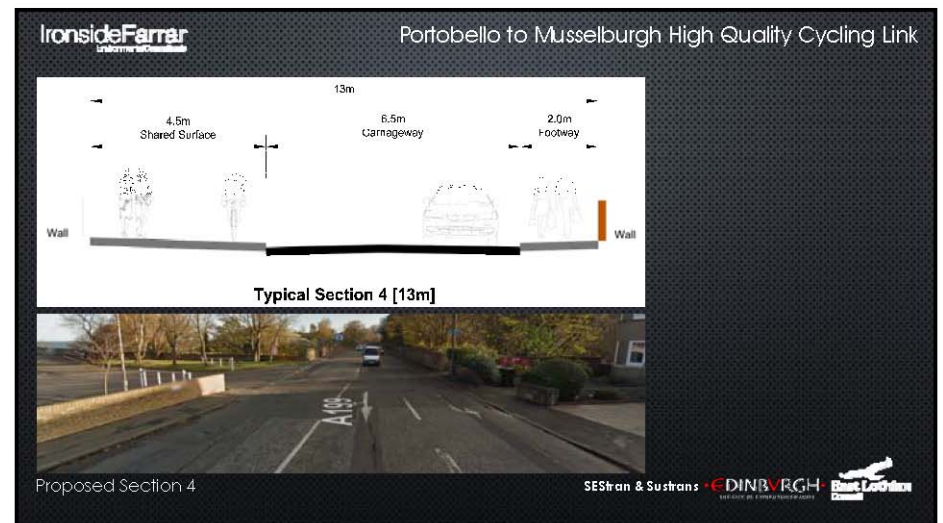
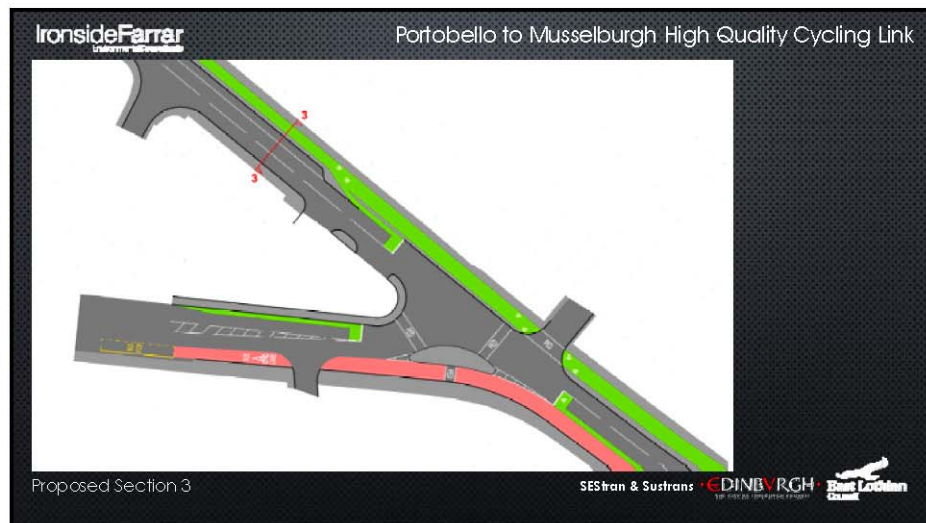
Section 5: street view looking east along A199



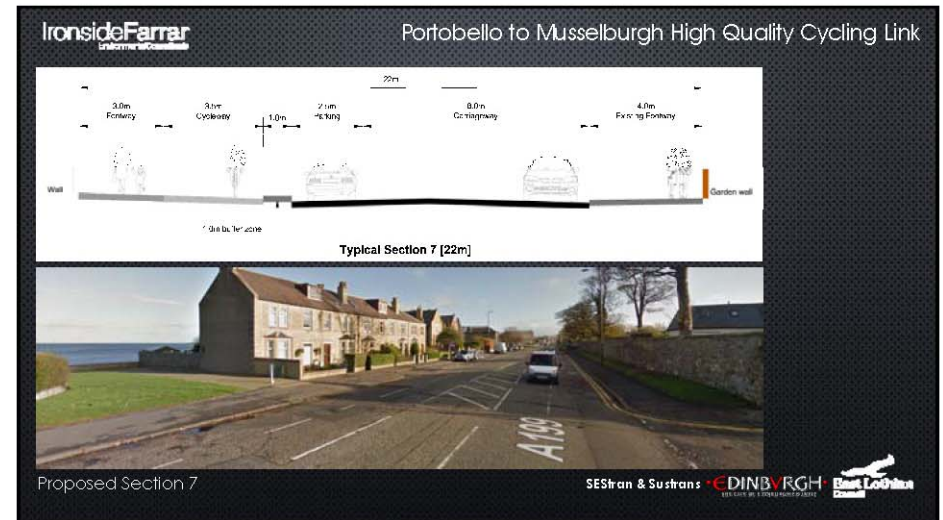
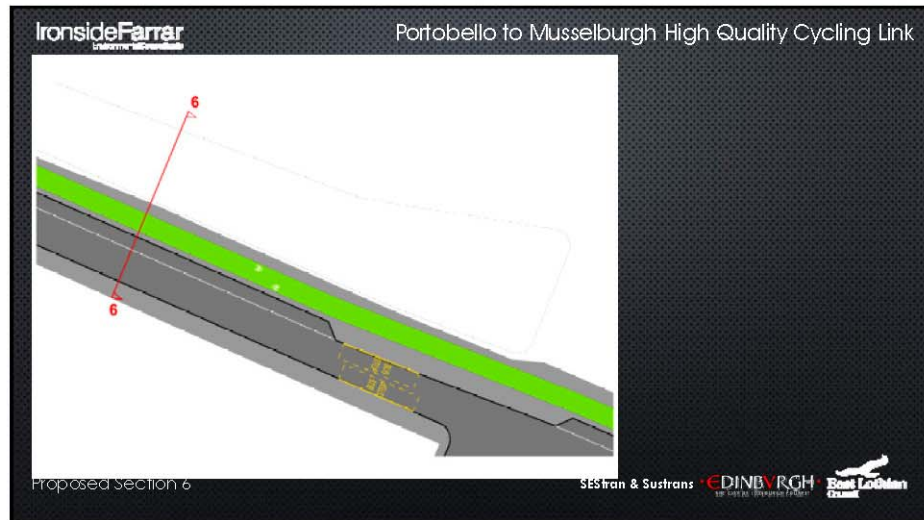
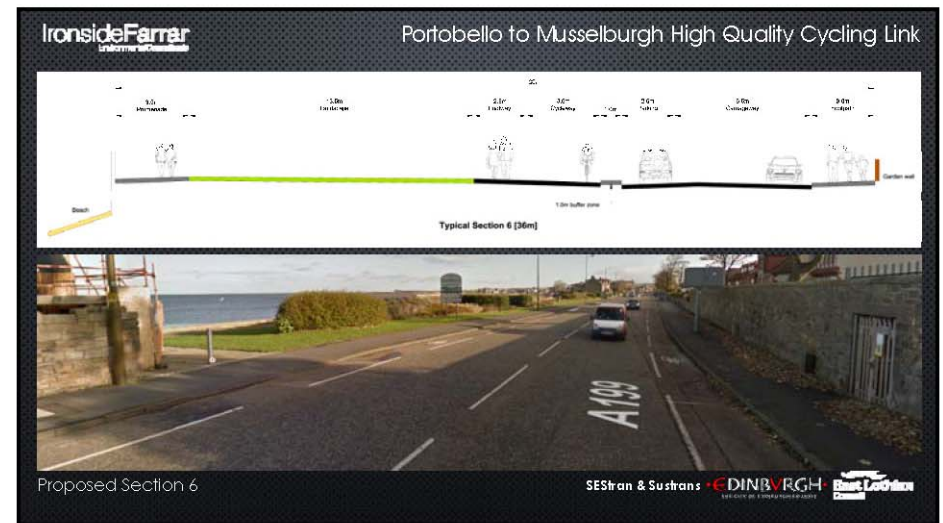
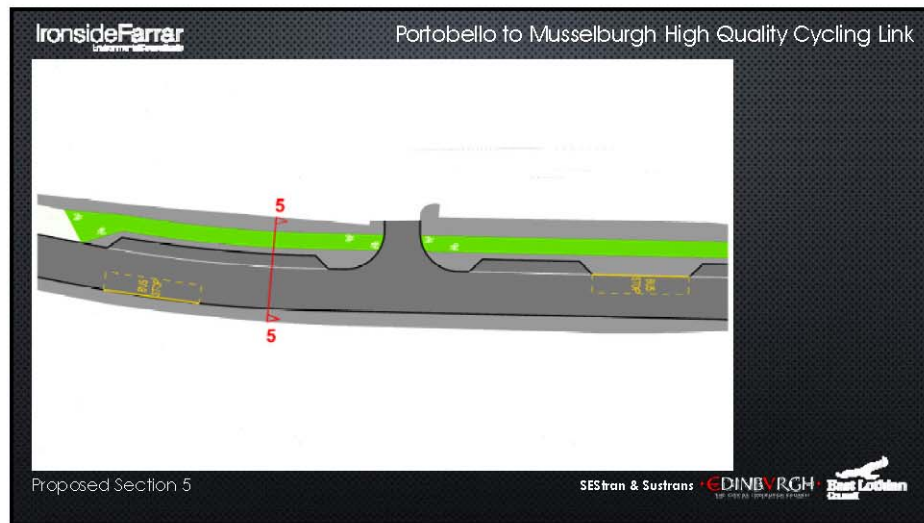


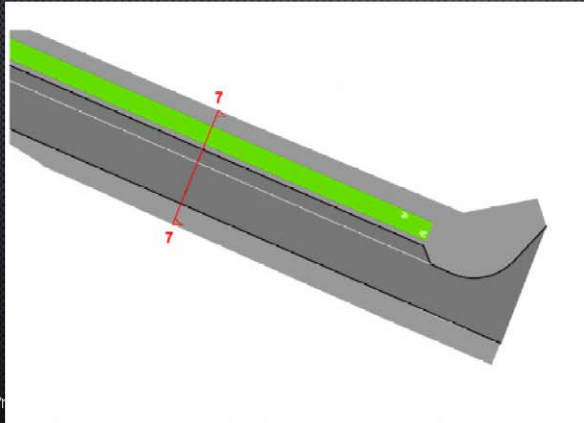
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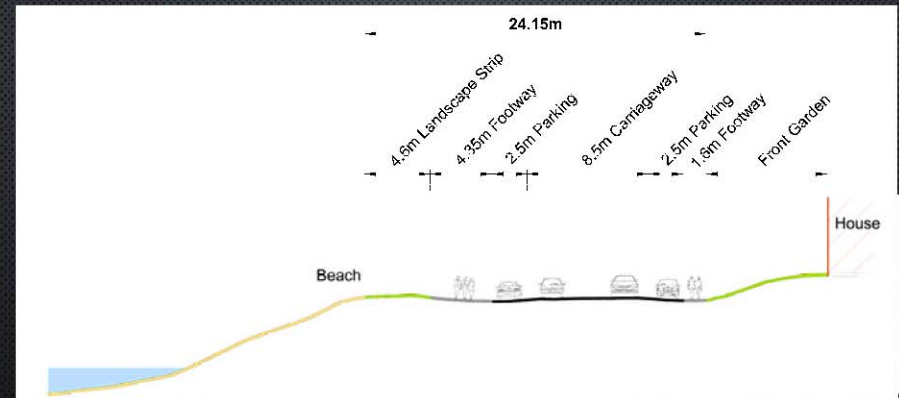


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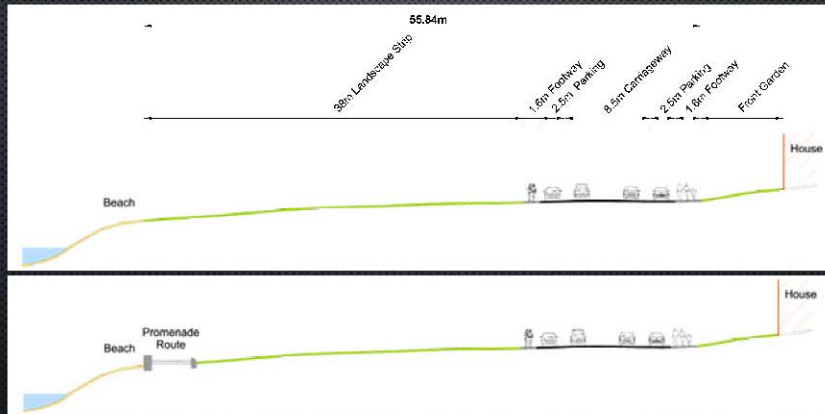




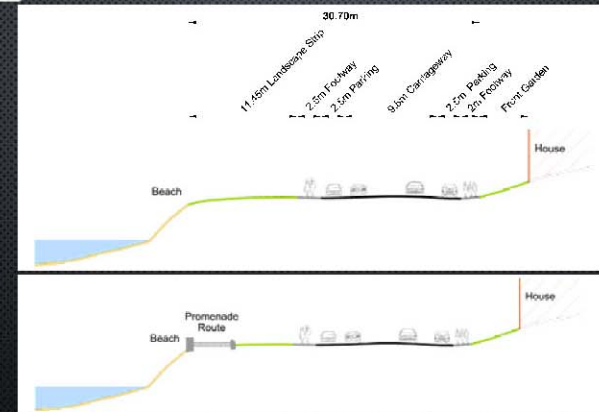
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Existing Section A-A

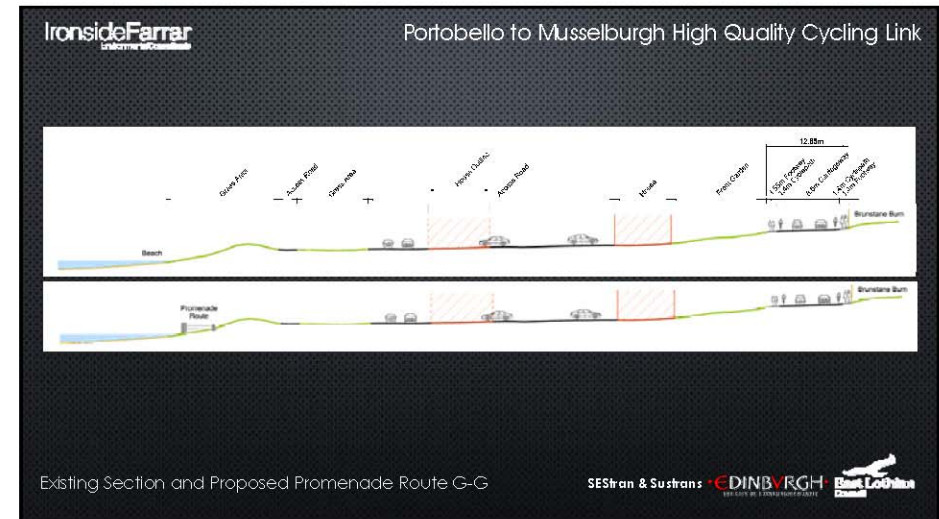
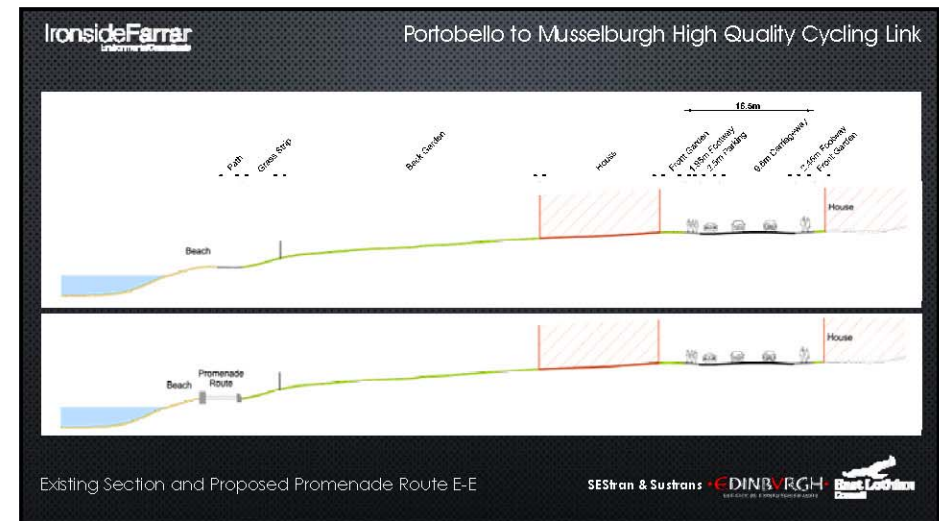
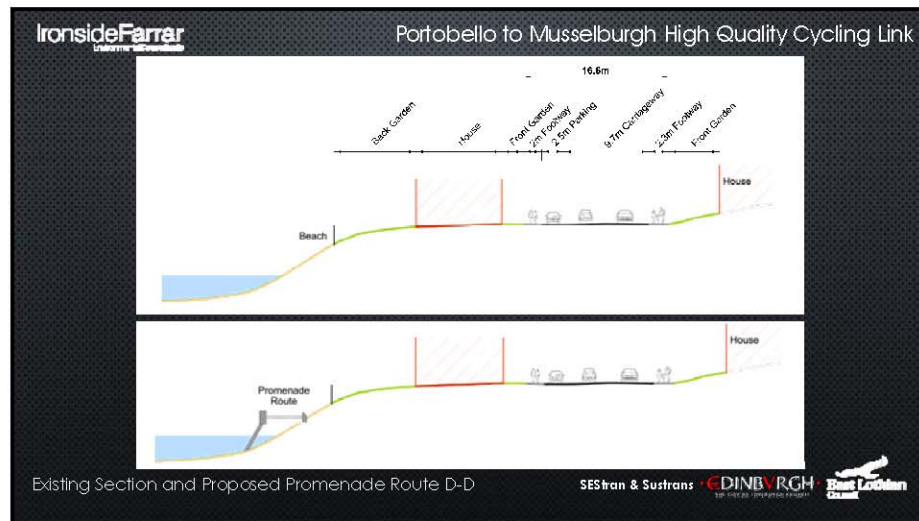


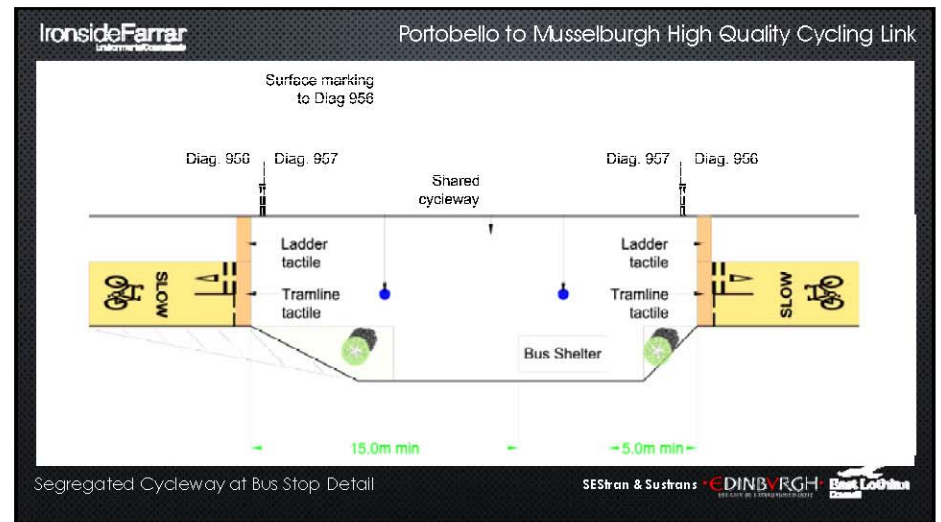
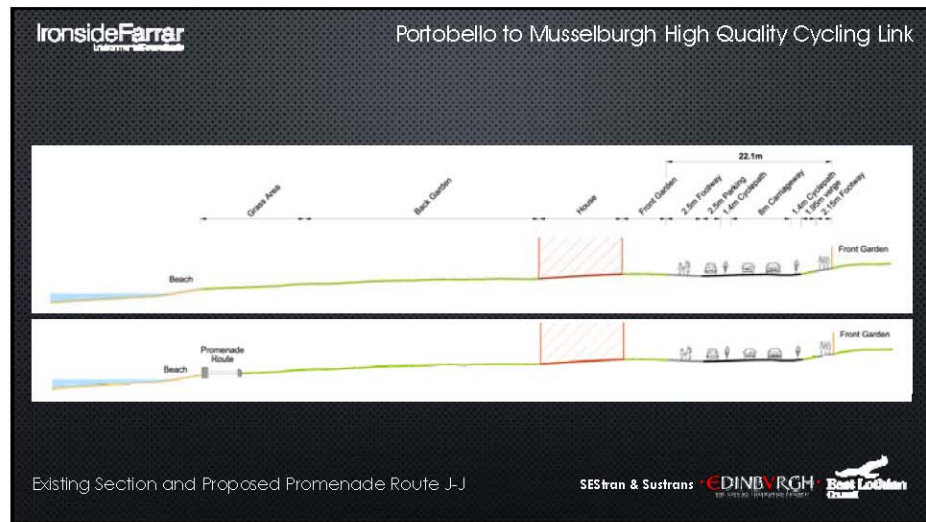
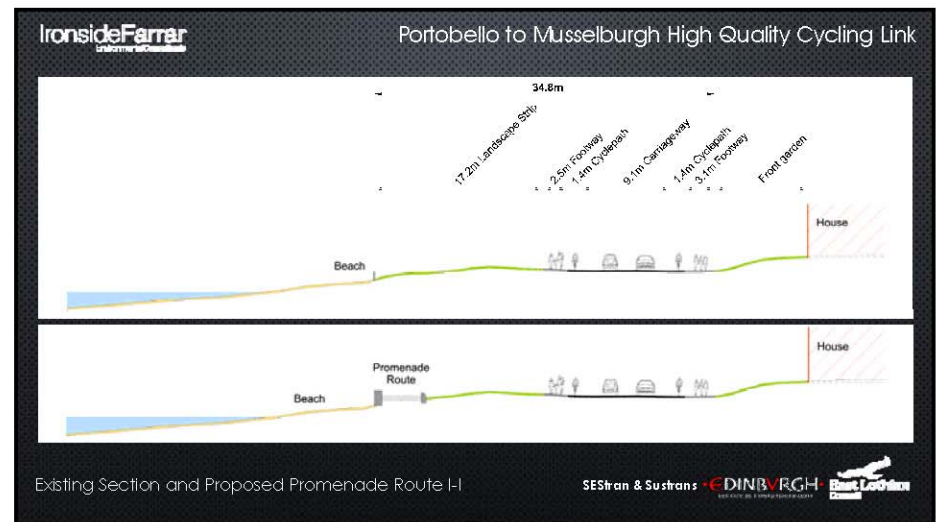
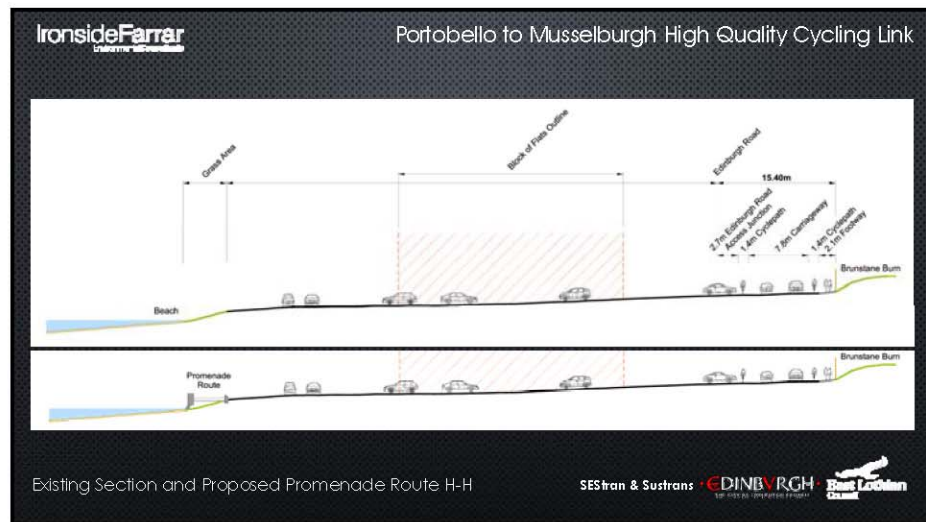
Existing Section and Proposed Promenade Route B-B



Existing Section and Proposed Promenade Route C-C

Musselburgh to Portobello Active Travel Link Feasibility Study







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