Údarás
Náisiúnta Iompair
National **Transport** Authority

AECOM ROD
ROUGHAN & O'DONOVAN

SANDYMOUNT / MERRION TO BLACKROCK CORRIDOR STUDY

FEASIBILITY STUDY AND OPTIONS ASSESSMENT REPORT

C3 Coastal Emerging Preferred Cycle Route

SANDYMOUNT / MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

FEASIBILITY STUDY AND OPTIONS ASSESSMENT REPORT - PART C
COASTAL CYCLE ROUTE 13E / EAST COAST TRAIL
C3 - EMERGING PREFERRED ROUTE OPTIONS

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FEASIBILITY REPORT
OCTOBER 2015

ROD ROUGHAN & O'DONOVAN
AECOM

APPROXIMATE LINE OF OLD SEA WALL

PEMBROKE STREET

SEAN MOORE ROAD

SEAN MOORE ROAD

ch 0+000

ch 0+100

ch 0+200

ch 0+300

BATH STREET

BEACH ROAD

BEACH ROAD

CHURCH AVENUE

WARD Bdy

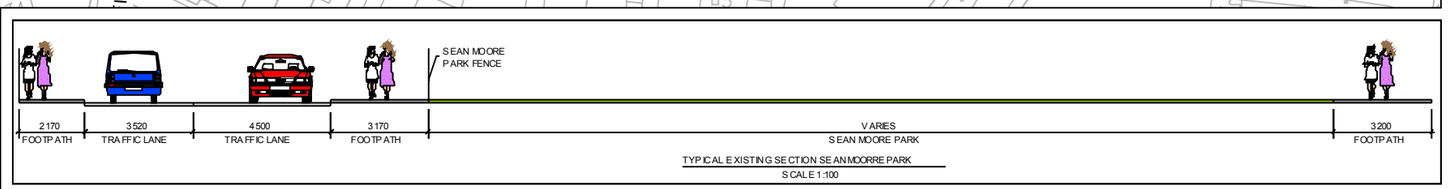
SEAN MOORE PARK

PROPOSED TWO WAY CYCLE TRACK

School

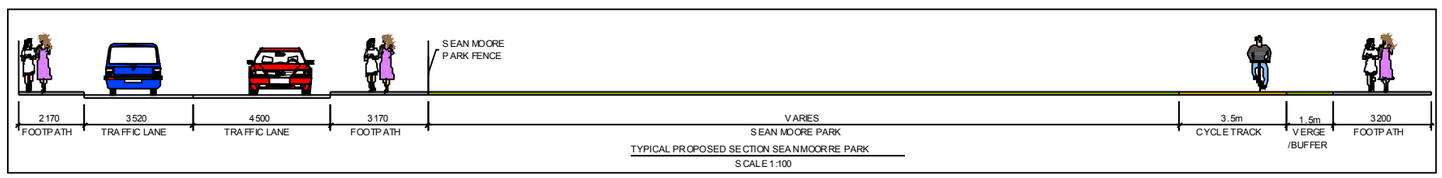
LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH



TYPICAL EXISTING SECTION SEAN MOORE PARK

SCALE 1:100



TYPICAL PROPOSED SECTION SEAN MOORE PARK

SCALE 1:100

No.	Revision	Date	By	Chk'd	Appd
	Stage			Date	Appd
	PRELIMINARY				
	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 1 - IRISHTOWN TO SANDYMOUNT PROMENADE
SHEET 1.1

Designed	Checked	Approved	Status	Drawn	Job No.	Drawing No.	Rev.
SMG	SMG	SMG	FEASIBILITY REPORT	JMK	14.225	161	

Scale: 1:500 (A1) 1:1000 (A3) Date: OCT '15

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Oct 22, 2015 - 2:53pm Drawing Location: J:\2014\14225\Dwg\Feasibility\Preferred Route Option\14225 C3 Section 1 161-164.dwg

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

SEAN MOORE PARK

PROPOSED TWO WAY CYCLE TRACK

ch 0+300

ch 0+400

ch 0+500

ch 0+600

BEACH ROAD

BEACH ROAD

BEACH AVENUE

BEACH DRIVE

SANDYMOUNT COURT

MARINE DRIVE

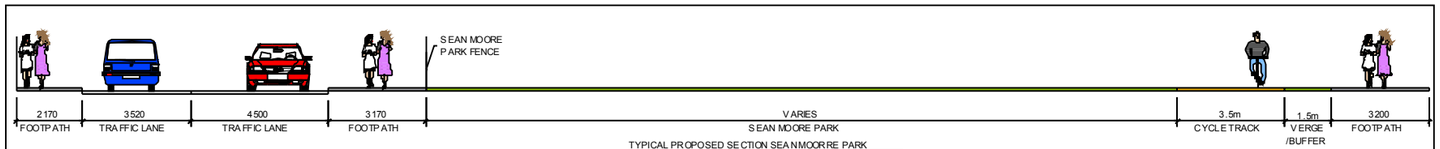
PROPOSED PARKING BAY

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH

TYPICAL EXISTING SECTION SEAN MOORRE PARK

SCALE 1:100



TYPICAL PROPOSED SECTION SEAN MOORRE PARK

SCALE 1:100

No.	Revision	Date	By	Chkd	Appd
	Stage		Date		Appd
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	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 1 - IRISHTOWN TO SANDYMOUNT PROMENADE SHEET 1.2

Drawn: JMK | Job No: 14.225 | Drawing No: 162 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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DO NOT SCALE USE FIGURED DIMENSIONS ONLY

TWO WAY CYCLE TRACK

EXISTING SEA WALL

SANDYMOUNT STRAND

ch 0+800

ch 0+900

ch 1+000

ch 0+700

BEACH ROAD

STRAND ROAD

NEWGROVE AVENUE

SEAFORT AVENUE

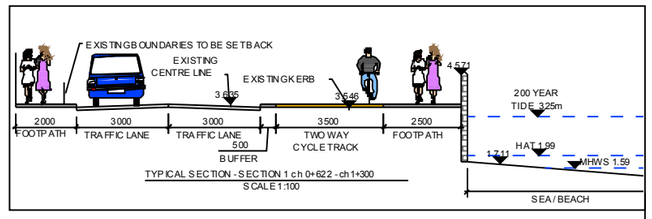
ROSLYN PARK (REHAB) COLLEGE

EXISTING BOUNDARY. ROAD TO BE REALIGNED TO ACCOMMODATE TWO WAY CYCLE TRACK. 1.5m WIDE STRIP OF LAND TO BE ACQUIRED FORM ROSLYN PARK COLLEGE.

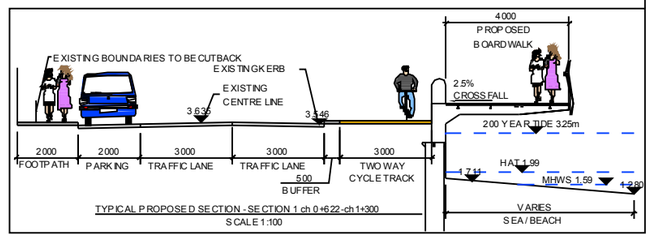
PROPOSED PARKING BAY

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH



TYPICAL SECTION - SECTION 1 ch 0+622 - ch 1+300
SCALE 1:100



TYPICAL PROPOSED SECTION - SECTION 1 ch 0+622 - ch 1+300
SCALE 1:100

No.	Revision	Date	By	Chkd	Appd
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	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 1 - IRISHTOWN TO SANDYMOUNT PROMENADE
SHEET 1.3

Designed	Checked	Approved	Status	Drawn	Job No.	Drawing No.	Rev.
SMG	SMG	SMG	FEASIBILITY REPORT	JMK	14.225	163	

Scale: 1:500 (A1) 1:1000 (A3) Date: OCT '15

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DO NOT SCALE USE FIGURED DIMENSIONS ONLY

EXISTING SEA WALL

TWO WAY CYCLE TRACK

ch 1+000

ch 1+100

ch 1+200

ch 1+300

STRAND ROAD

LEA ROAD

GILFORD AVENUE

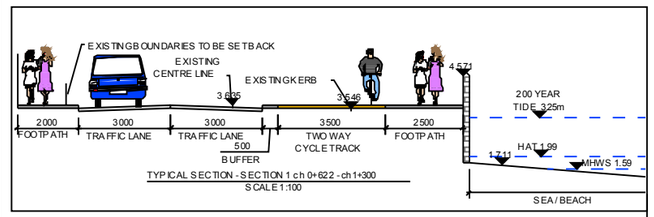
SANDYMOUNT PROMENADE

SECTION 1

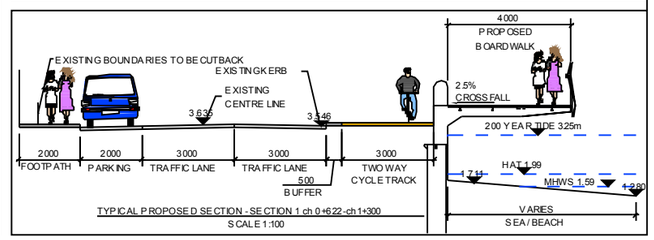
SECTION 2

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH



TYPICAL SECTION - SECTION 1 ch 0+622 - ch 1+300
SCALE 1:100



TYPICAL PROPOSED SECTION - SECTION 1 ch 0+622 - ch 1+300
SCALE 1:100

No.	Revision	Date	By	Chk'd	App'd
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	APPROVAL				
	TENDER				
	CONSTRUCTION				

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www.aecom.com

Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 1 - IRISHTOWN TO SANDYMOUNT PROMENADE
SHEET 1.4

Drawn	Job No	Drawing No	Rev
JMK	14.225	164	
Scale: 1:500 (A1) 1:1000 (A3)	Date: OCT '15		

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ACCESS RAMP FOR BEECH MAINTENANCE

SECTION 1

SECTION 2

EXISTING ACCESS STEPS

PROPOSED TWO WAY CYCLE TRACK

EXISTING PROMENADE FOOTPATH

EXISTING ACCESS STEPS

OLD SEA WALL

STRAND ROAD

CAR PARK 1

SANDYMOUNT PROMENADE

GILFORD ROAD

ch 1+300

ch 1+400

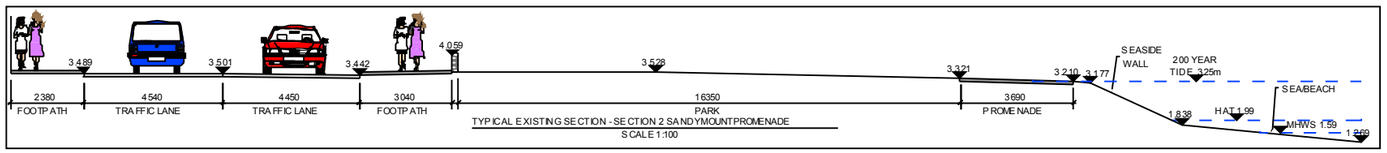
ch 1+500

ch 1+600

ch 1+700

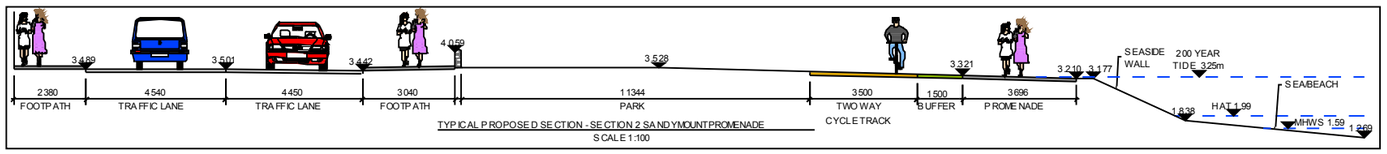
ch 1+810

ch 1+810



TYPICAL EXISTING SECTION - SECTION 2 SANDYMOUNT PROMENADE

SCALE 1:100



TYPICAL PROPOSED SECTION - SECTION 2 SANDYMOUNT PROMENADE

SCALE 1:100

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
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	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 2 - SANDYMOUNT PROMENADE SHEET 2.1

Drawn: JMK | Job No: 14.225 | Drawing No: 211 | Rev.

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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Oct 21, 2015 - 8:48am

Drawing Location: J:\2014\14225\Dwg\Feasibility\Route Opt\14225 Preferred Route Option\14225 C3 Section 2 211-213.dwg

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

EXISTING ACCESS STEPS / RAMP

PROPOSED CAR PARK LAYOUT

PROPOSED TWO WAY TRACK

EXISTING PROMENADE FOOTPATH

SANDYMOUNT BATHS (RUINS)

ch 1+700

ch 1+800

MARTELLO TOWER

STRAND ROAD

CAR PARK 2

ch 1+900

OLD SEA WALL

STRAND ROAD

ST. JOHN'S ROAD EAST

Martello Tower

Mn Towerville

Tower Court

STRAND MEWS

SANDYMOUNT PROMENADE

7.5m

EXISTING ACCESS STEPS / RAMP

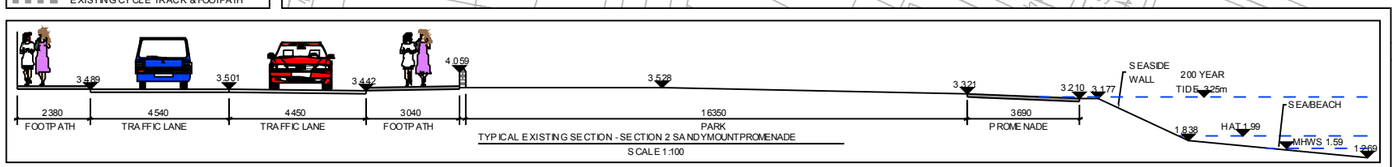
ch 2+000

SYDNEY PARADE AVENUE

ADELAIDE MEWS

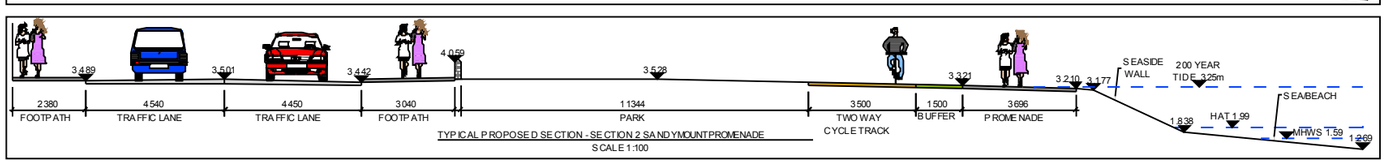
LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH



TYPICAL EXISTING SECTION - SECTION 2 SANDYMOUNT PROMENADE

SCALE 1:100



TYPICAL PROPOSED SECTION - SECTION 2 SANDYMOUNT PROMENADE

SCALE 1:100

No.	Revision	Date	By	Chkd	Appd
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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 2 - SANDYMOUNT PROMENADE SHEET 2.2

Designed	Checked	Approved	Status	Drawn	Job No.	Drawing No.	Rev.
SMG	SMG	SMG	FEASIBILITY REPORT	JMK	14.225	212	

Scale: 1:500 (A1) 1:1000 (A3) Date: OCT '15

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DO NOT SCALE USE FIGURED DIMENSIONS ONLY

EXISTING PROMENADE FOOTPATH

EXISTING ACCESS STEPS

PROPOSED CYCLE TRACK

PROPOSED CAR PARK LAYOUT

SECTION 2

SECTION 3

EXISTING ACCESS RAMP

OLD SEA WALL

SANDYMOUNT PROMENADE

CAR PARK 3

ch 2+100

ch 2+200

ch 2+232

ch 2+300

ch 2+400

MERRION STRAND

ADELAIDE MEWS

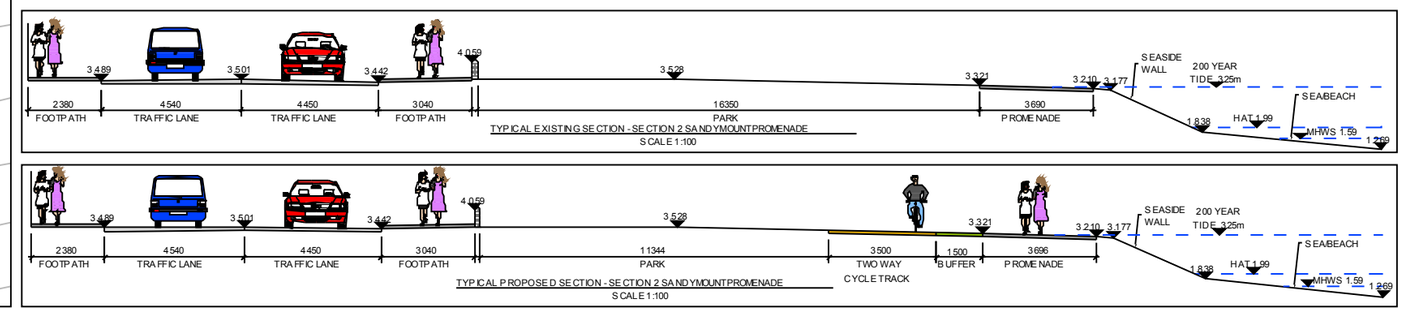
ST. ALBANS PARK

Strand House

Willow Mews

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL
- EXISTING CYCLE TRACK & FOOTPATH



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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 2 - SANDYMOUNT PROMENADE SHEET 2.3

Designed	Checked	Approved	Status	Drawn	Job No	Drawing No	Rev
SMG	SMG	SMG	FEASIBILITY REPORT	JMK	14.225	213	

Scale: 1:500 (A1) 1:1000 (A3) Date: OCT '15

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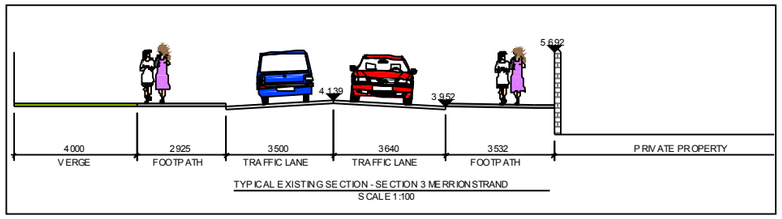
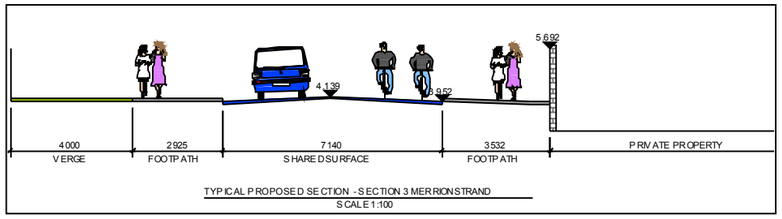
SECTION 2
SECTION 3
EXISTING SEA WALL
ch 2+500
ch 2+600
STRAND ROAD
ch 2+549
Merrion Hall
173
175
179
45
47
43
44
HWM
BM 3.21



TYPICAL EXISTING SECTION - SECTION 3 MERRION STRAND
SCALE 1:100



TYPICAL PROPOSED SECTION - SECTION 3 MERRION STRAND
SCALE 1:100

LEGEND:
- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED AREA ON ROAD
- PROPOSED CYCLE UNDERPASS
- EXISTING SEA WALL

No.	Revision	Date	By	Chk'd	App'd
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Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 3 - MERRION STRAND
SHEET 3.1

Drawn: JMK | Job No: 14.225 | Drawing No: 371 | Rev:
Scale: 1:250 (A1) 1:500 (A3) | Date: OCT '15

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Oct 21, 2015 - 8:28am Drawing Location: J:\2014\14225\Dwg\Feasibility\Route Opt\14225 Preferred Route Option\14225 C3 Section 3 371-373.dwg

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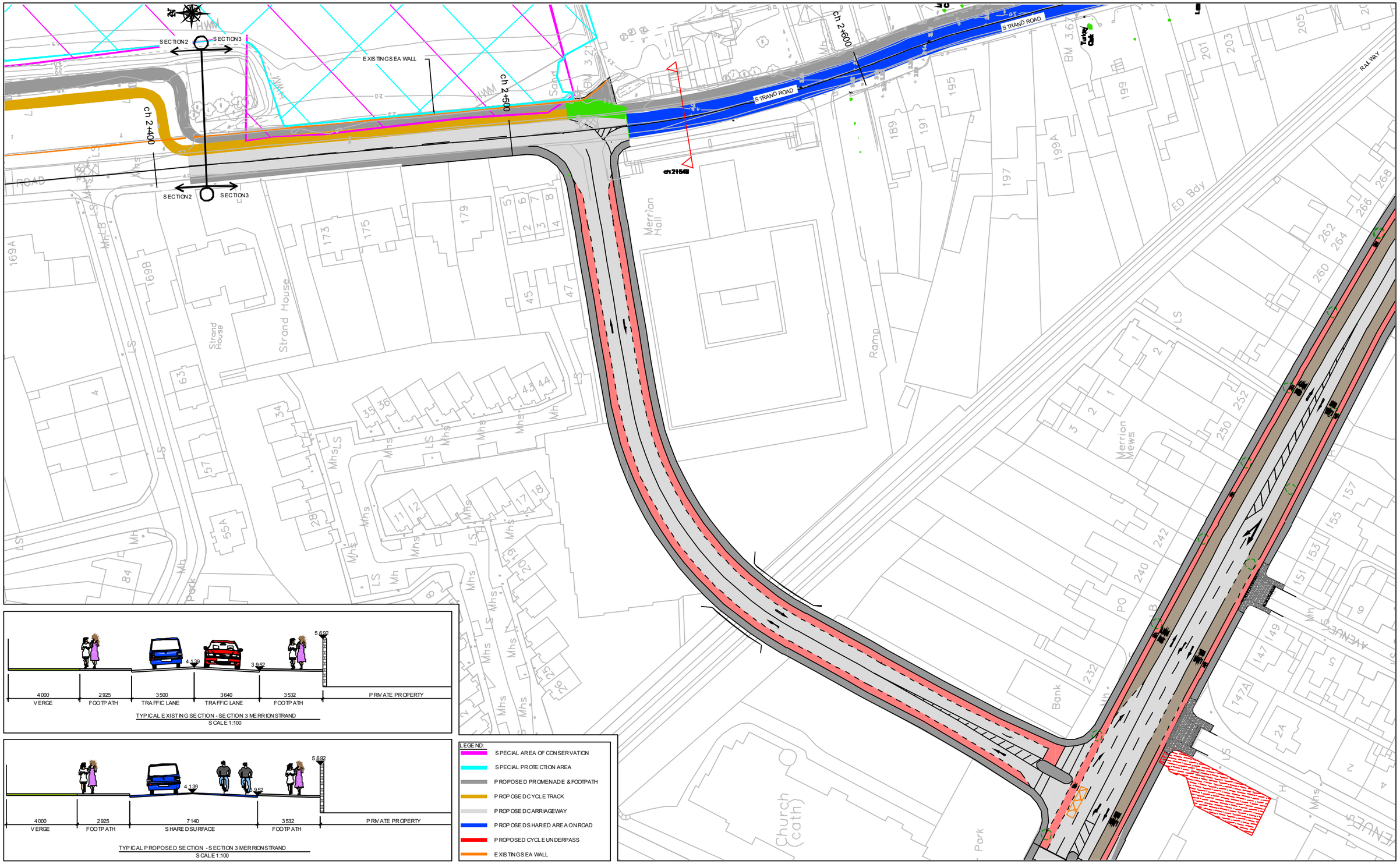

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
	PRELIMINARY				
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	TENDER				
	CONSTRUCTION				

Roughan & O'Donovan-AECOM Alliance

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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 3 - MERRION STRAND
SHEET 3.1A

Designed	Checked	Approved	Status	Drawn	Job No.	Drawing No.	Rev.
SMG	SMG	SMG	FEASIBILITY REPORT	JMK	14.225	371A	
				Scale: 1:500 (A1) 1:1000 (A3)	Date: OCT '15		

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PRIVATE ACCESS GATE

PRIVATE ACCESS GATE

PRIVATE ACCESS GATE

SECTION 3

SECTION 3

SECTION 3

ch 2+800

ch 2+700

ch 2+600

ch 2+706

STRAND ROAD

STRAND ROAD

R131

Strand Rd

RAILWAY

Monterey Cypress (felled)

Copper Beech

Copper Beech

Monterey Cypress

Ash

Turkey Oak

Lime

Lime

Holm Oak

Holm Oak

Holm Oak

Turkey Oak

BM 3.6

195

189

191

199A

199

201

203

205

207

280 278

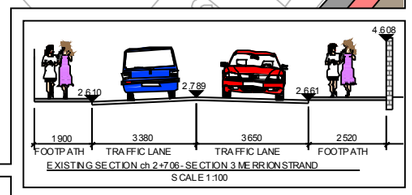
18

18B

20

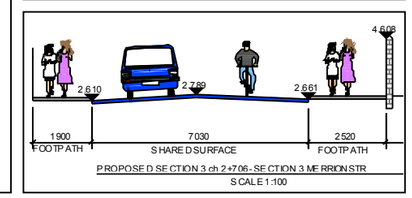
LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED AREA ON ROAD
- PROPOSED CYCLE UNDERPASS
- EXISTING SEA WALL



EXISTING SECTION ch 2+706 - SECTION 3 MERRION STRAND

SCALE 1:100



PROPOSED SECTION 3 ch 2+706 - SECTION 3 MERRION STR

SCALE 1:100

No.	Revision	Date	By	Chkd	Appd
	Stage		Date		Appd
	PRELIMINARY				
	APPROVAL				
	TENDER				
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 3 - MERRION STRAND SHEET 3.2

Drawn: JMK | Job No: 14.225 | Drawing No: 372 | Rev:

Scale: 1:250 (A1) 1:500 (A3) | Date: OCT '15

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FLOOD RAMP WITH CONTROLLED ACCESS

SECTION 3

SECTION 4

STRAND ROAD

ch 2+800

ch 2+900

3.5m WIDE UPDERPASS FOR CYCLEWAY

RAILWAY

SECTION 3

MERRION GATES LEVEL CROSSING

SECTION 4

OLD STATION HOUSE

MERRION ROAD

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED AREA ON ROAD
- PROPOSED CYCLE UNDERPASS
- EXISTING SEA WALL

No.	Revision	Date	By	Chk'd	App'd
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	TENDER				
	CONSTRUCTION				

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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 3 - MERRION STRAND SHEET 3.3

Drawn: JMK | Job No: 14.225 | Drawing No: 373 | Rev.

Scale: 1:250 (A1) 1:500 (A3) | Date: OCT '15

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KEY:

- PROPOSED ISLAND / FOOTWAY
- ONE WAY OFF ROAD CYCLE TRACK
- TWO WAY OFF ROAD CYCLE TRACK
- ON ROAD CYCLE LANE
- SHARED SURFACE
- BUS FACILITY
- EXISTING BOUNDARY
- EXISTING TREE LOCATION

Merrion Strand

STRAND ROAD

OFF PEAK PARKING REMOVED

EXISTING BUILDINGS

EXISTING BUILDINGS

SECTION 3

SECTION 4

SECTION 3

SECTION 4

POSSIBLE PARKING LOCATION FOR LOCAL RESIDENTS

POSSIBLE LOCATION OF UNDERPASS LINKING MERRION ROAD / STRAND ROAD PEDESTRAIN AND CYCEL FACILITIES

TWO WAY CYCLE TRACK BETWEEN MERRION GATES AND BOOTERSTOWN

BARRIER TO BE PLACED ALONG CENTRE MEDIAN TO PREVENT CROSSING MOVEMENTS

ch 2+900

ch 3+000

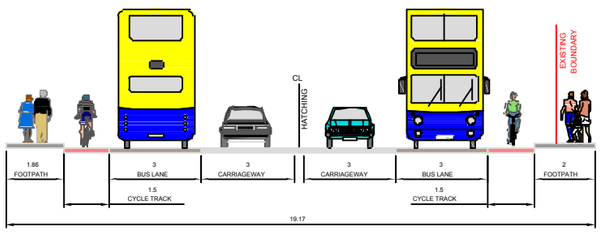
MATCH LINE

Elm Court

Nursing Home

Car Park

Caritas Convalescent Centre



PROPOSED SECTION C-C
MERRION GATES MERRION ROAD

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
	PRELIMINARY				
	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Designed: RH | Checked: JS | Approved: JS | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 4 - MERRION GATES TO BOOTERSTOWN
SHEET 4.1

Drawn: RH | Job No: 14.225 | Drawing No: 461 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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KEY:

- PROPOSED ISLAND / FOOTWAY
- ONE WAY OFF ROAD CYCLE TRACK
- TWO WAY OFF ROAD CYCLE TRACK
- ON ROAD CYCLE LANE
- SHARED SURFACE
- BUS FACILITY
- EXISTING BOUNDARY
- EXISTING TREE LOCATION

St Mary's Home For The Blind

Castle (Site of)

Car Park

Sluice

Sand

Merrion House

Car Park

MERRION ROAD

ch 3+000

ch 3+100

ch 3+200

D

D

MATCH LINE

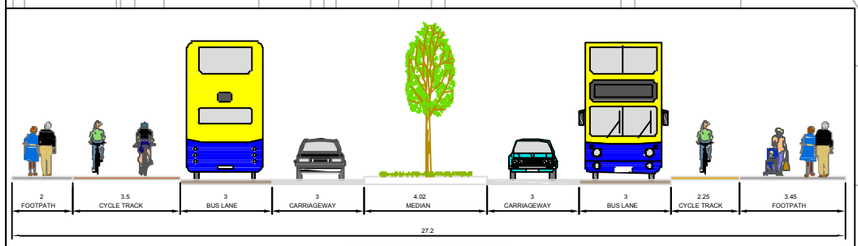
RIGHT TURN LANE REDUCED IN LENGTH

EXISTING SLIP LANES REMOVED TO MAKE THE JUNCTION MORE PEDESTRIAN AND CYCLE FRIENDLY

PROPOSED TOUCAN CROSSING

EXISTING BOUNDARY SET BACK TO PROVIDE IMPROVED CYCLE FACILITIES

EXISTING BOUNDARY SETBACK TO PROVIDE IMPROVED CYCLE FACILITIES



PROPOSED SECTION D-D
TEXACO SERVICE STATION MERRION ROAD

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
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	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 4 - MERRION GATES TO BOOTERSTOWN
SHEET 4.2

Designed: RH	Checked: JS	Approved: JS	Status: FEASIBILITY REPORT

Drawn: RH	Job No: 14.225	Drawing No: 462	Rev:
Scale: 1:500 (A1) 1:1000 (A3)	Date: OCT '15		

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KEY:

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- ONE WAY OFF ROAD CYCLE TRACK
- TWO WAY OFF ROAD CYCLE TRACK
- ON ROAD CYCLE LANE
- SHARED SURFACE
- BUS FACILITY
- EXISTING BOUNDARY
- EXISTING TREE LOCATION

EXISTING BOUNDARY SET BACK TO PROVIDE IMPROVED CYCLE FACILITIES

EXISTING BOUNDARY SETBACK TO PROVIDE IMPROVED CYCLE FACILITIES

PROPOSED CITY BOUND BUS LANE

DROPPED KERB TO ACCESS CYCLE LANE

PROPOSED TOUCAN CROSSING

ADVANCED STOP LINE

CONNECTION TO UCD

MERRION ROAD

BELVIEW AVENUE

Hotel

Car Park

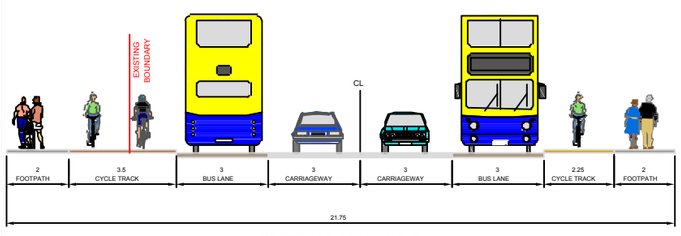
Burial Ground (Disused)

Co Council & Co Boro Bdy

Area under construction

ch 3+300

ch 3+400



PROPOSED SECTION E-E
TARA TOWERS HOTEL MERRION ROAD

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
	PRELIMINARY				
	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Designed: RH | Checked: JS | Approved: JS | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 4 - MERRION GATES TO BOOTERSTOWN SHEET 4.3

Drawn: RH | Job No: 14.225 | Drawing No: 463 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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KEY:

- PROPOSED ISLAND / FOOTWAY
- ONE WAY OFF ROAD CYCLE TRACK
- TWO WAY OFF ROAD CYCLE TRACK
- ON ROAD CYCLE LANE
- SHARED SURFACE
- BUS FACILITY
- EXISTING BOUNDARY
- EXISTING TREE LOCATION

CONNECTION TO UCD

TWO WAY CYCLE TRACK BETWEEN MERRION GATES AND BOOTERSTOWN

BUS LANE CONVERTED TO 24 HOUR OPERATION

ch 3+600

F

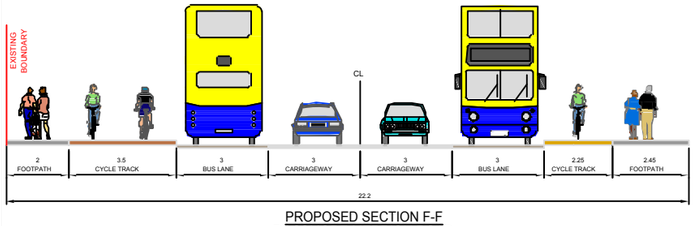
F

ST HELEN'S ROAD

St Helen's Villas

MATCH

MATCH



PROPOSED SECTION F-F
ROSSMORE MERRION ROAD

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
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	APPROVAL				
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Designed: RH | Checked: JS | Approved: JS | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 4 - MERRION GATES TO BOOTERSTOWN
SHEET 4.4

Drawn: RH | Job No: 14.225 | Drawing No: 464 | Rev:

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KEY:

- PROPOSED ISLAND / FOOTWAY
- ONE WAY OFF ROAD CYCLE TRACK
- TWO WAY OFF ROAD CYCLE TRACK
- ON ROAD CYCLE LANE
- SHARED SURFACE
- BUS FACILITY
- EXISTING BOUNDARY
- EXISTING TREE LOCATION

CITY BOUND SEGREGATED CYCLE TRACK

EXISTING PARKING

BOOTERSTOWN DART STATION

CYCLE PARKING

SECTION 4

SECTION 5

RIGHT TURN ONLY SIGNAL TO BE PLACED HERE

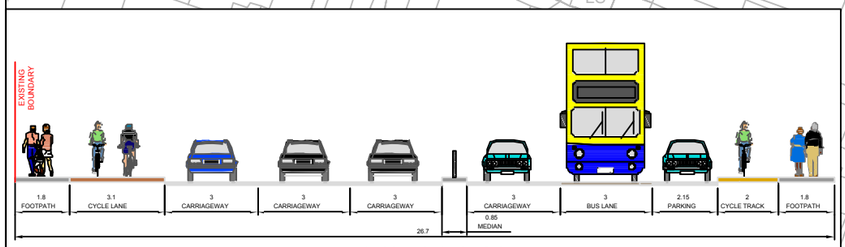
SECTION 4

SECTION 5

EXISTING PARKING

EXISTING TRAFFIC LANE CONVERTED TO 24 HOUR BUS LANE

EXISTING RIGHT TURN LANE TO BE REMOVED



PROPOSED SECTION G-G
BOOTERSTOWN COURT ROCK ROAD

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
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	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Designed: RH | Checked: JS | Approved: JS | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 4 - MERRION GATES TO BOOTERSTOWN
SHEET 4.5

Drawn: RH | Job No: 14.225 | Drawing No: 465 | Rev:

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ROCK REVETMENT

CONCRETE SHELF / WALKWAY

EXISTING ACCESS STEPS

EXISTING SEA WALL

EXISTING ACCESS TO SEA/BEACH

ch 3+800

ch 3+900

ch 4+000

ch 4+090

ch 4+100

HWM

50m LONG RETAINING WALL WITH RAILING

BOOTERSTOWN STATION

EXISTING PEDESTRIAN ACCESS BRIDGE (3m WIDE)

WILLIAMSTOWN CREEK

EXISTING CYCLEWAY / FOOTPATH

BLACKROCK PARK

BLACKROCK / BOOTERSTOWN PARK

Playground

Car Park

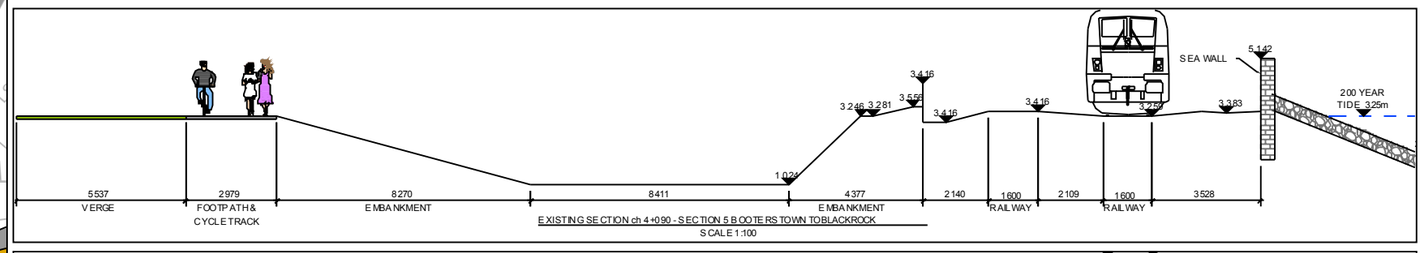
R118

SECTION 4

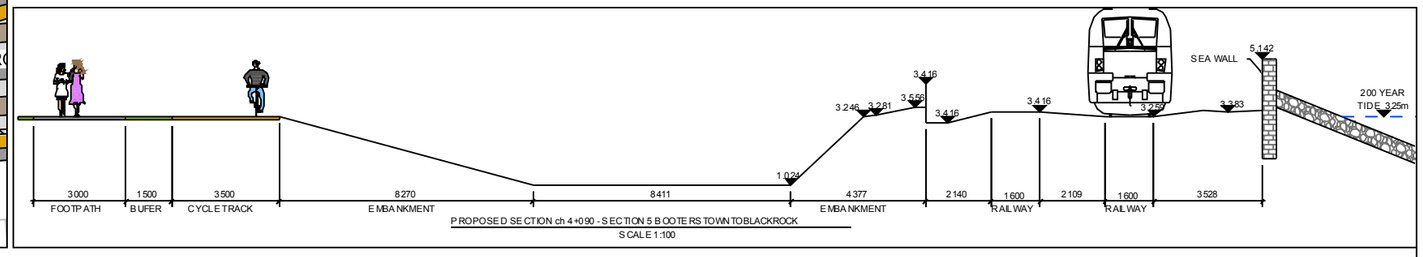
SECTION 5

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL



EXISTING SECTION ch 4+090 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100



PROPOSED SECTION ch 4+090 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100

No.	Revision	Date	By	Chkd	Appd
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 5 - BOOTERSTOWN TO BLACKROCK SHEET 5.1

Drawn: JMK | Job No: 14.225 | Drawing No: 551 | Rev:

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Drawing Location: J:\2014\14225\Dwg\Feasibility\Preferred Route Option\14225 C3 Section 5 551-554.dwg

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Sand & Shingle

PROVIDE BRIDGE OVER LAGOON OUTLET

WILLIAMSTOWN PEDESTRIAN ACCESS TO BATHING PLACE

CONCRETE SHELF / PALTFORM

ACCESS STEPS

ch 4+296

ch +200

ch +300

ch 4+400

HWM

Bathing Place

Platform

RAILWAY

BLACKROCK/ BOOTERSTOWN PARK

Martello Tower

EXISTING FOOTBRIDGE

EXISTING CYCLEWAY /FOOTPATH

WILLIAMSTOWN

CIRCUS FIELD

The Willows

Apts

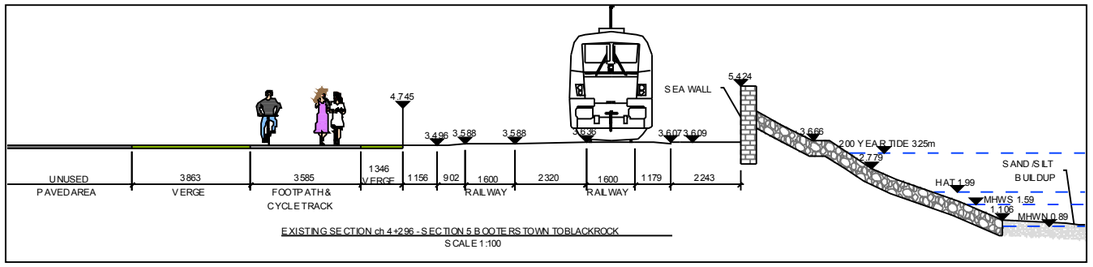
ROCK ROAD

Willow Terrace

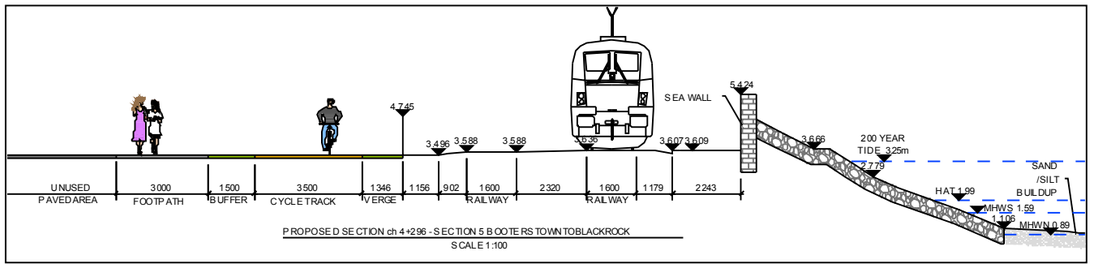
BLACKROCK COLLEGE

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL



EXISTING SECTION ch 4+296 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100



PROPOSED SECTION ch 4+296 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100

No.	Revision	Date	By	Chk'd	Appd
	Stage		Date		Appd
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 5 - BOOTERSTOWN TO BLACKROCK SHEET 5.2

Drawn: JMK | Job No: 14.225 | Drawing No: 552 | Rev:

Scale: 1:500 (A1) 1:1000(A3) | Date: OCT '15

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Oct 23, 2015 - 9:19am Drawing Location: J:\2014\14225\Dwg\Feasibility\Preferred Route Option\14225 C3 Section 5 551-554.dwg

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

STREAM OUTLET

PRIORY STREAM OUTLET

ch 4+678

ch 4+600

ch 4+700

ch 4+800

RAILWAY

Platform

ch 4+678

BLACKROCK PARK

EXISTING CYCLEWAY/ FOOTPATH

DART SUB-STATION

Ramp

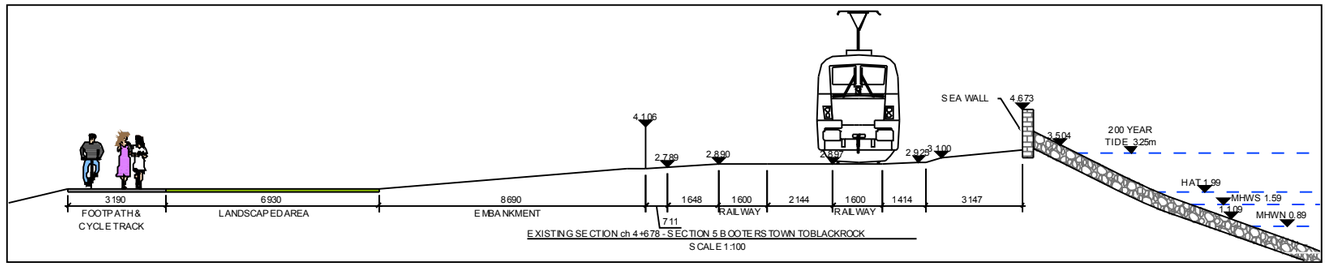
EMMET SQUARE

MARINE VIEW

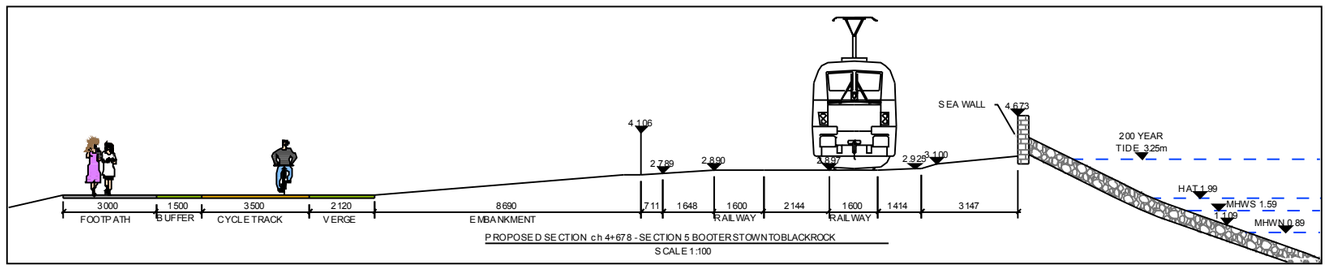
Phoenix Terrace

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL



EXISTING SECTION ch 4+678 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100



PROPOSED SECTION ch 4+678 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100

No.	Revision / Stage	Date	By	Chkd	Appd
			Date		Appd
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	APPROVAL				
	TENDER				
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www.aecom.com

Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION
SECTION 5 - BOOTERSTOWN TO BLACKROCK
SHEET 5.3

Drawn: JMK | Job No: 14.225 | Drawing No: 553 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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NOTE: APPARENT ANOMALY IN S.A.C BOUNDARY

CONCRETE SHELF

BLACKROCK BATHS

PEDESTRIAN ACCESS BRIDGE

SECTION 5

SECTION 6

ch 5+014

ch 4+900

ch 5+000

ch 5+100

ch 5+200

EXISTING FOOTBRIDGE

NEW BRIDGE OVER STREAM

VERY NARROW FOOTPATH (1m) USED BY CYCLISTS WALKING.

BLACKROCK PARK

DEEP WELL HOUSE

CYCLEWAY TO ROCK ROAD

Channel

Merrion Strand

Tennis Ground

Bandstand

Blackrock Park

Playing Pitch

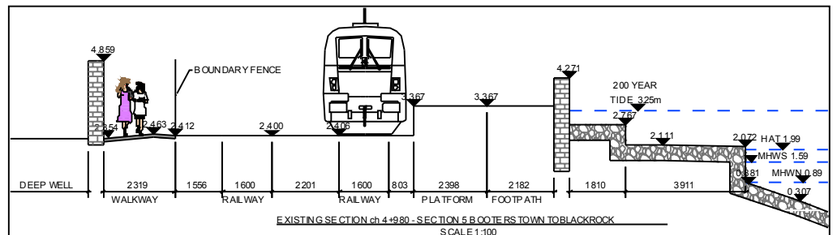
Park

HWM

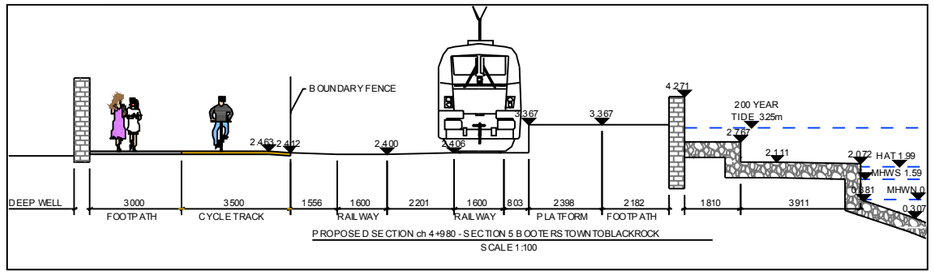
BM 3.73

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL



EXISTING SECTION ch 4+980 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100



PROPOSED SECTION ch 4+980 - SECTION 5 BOOTERSTOWN TO BLACKROCK
SCALE 1:100

No.	Revision	Date	By	Chk'd	Appd
	Stage		Date		Appd
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 5 - BOOTERSTOWN TO BLACKROCK SHEET 5.4

Drawn: JMK | Job No: 14.225 | Drawing No: 554 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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IMPROVED PEDESTRIAN RAMP TO EXISTING FOOTBRIDGE

SEA WALL

SECTION 5

SECTION 6

ch 5+300

ch 5+400

ch 5+500

ch 5+600

COASTAL FOOTPATH

RAILWAY

IDRONE TERRACE

CYCLISTS SHARE WITH TRAFFIC IN LOW SPEED. LOW VOLUME STREET

IDRONE TERRACE

IDRONE LANE

EXISTING CONTRA FLOW CYCLE TRACK

GENERAL TRAFFIC MUST TURN RIGHT

NEWTOWN AVENUE

MAIN STREET

CYCLIST SHARE WITH TRAFFIC WESTBOUND

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL

No.	Revision	Date	By	Chk'd	Appr'd
	Stage		Date		Appr'd
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 6 - BLACKROCK TO SEAPOINT SHEET 6.1

Drawn: JMK | Job No: 14.225 | Drawing No: 651 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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Drawing Location: J:\2014\14225\Dwg\Feasibility\Preferred Route Option\14225 C3 Section 6 651-654.dwg

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SEA WALL

ch 5+600

ch 5+700

ch 5+800

ch 5+900

RAILWAY

COASTAL FOOTPATH

Pump House (Dun Laoghaire Boro)

MARETIMO GARDENS EAST

Maretimo House

Flats

Maretimo Terrace

NEWTOWN AVENUE

Blackrock House

Blackrock Lodge

Newtown House

Hall

Tobernea

Car Park

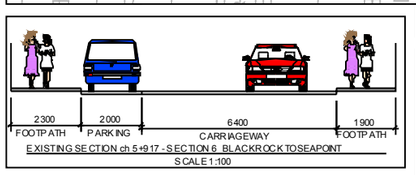
The Courtyard

PROPOSED TWO-WAY CYCLE TRACK ON CONVERTED TRAFFIC LANE

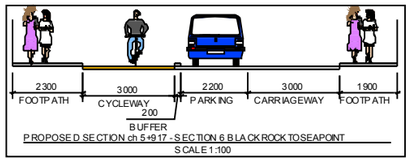
ON STREET PARKING

ch 5+917

SEAPOINT AVENUE CONVERTED TO ONE-WAY TRAFFIC WITH SINGLE LANE



EXISTING SECTION ch 5+917 - SECTION 6 BLACKROCK TO SEAPOINT
SCALE 1:100



PROPOSED SECTION ch 5+917 - SECTION 6 BLACKROCK TO SEAPOINT
SCALE 1:100

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
- PROPOSED SHARED AREA ON ROAD
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL

No.	Revision	Date	By	Chk'd	App'd
	Stage		Date		App'd
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 6 - BLACKROCK TO SEAPOINT SHEET 6.2

Drawn: JMK | Job No: 14.225 | Drawing No: 652 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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PROPOSED BOARDWALK

ch 6+000

ch 6+100

ch 6+200

ch 6+300

RAILWAY

PROPOSED PUBLIC FOOTPATH ON CONVERTED PRIVATE LANEWAY ACCESS TO 17A BRIGHTON VALE

BRIGHTON VALE

SEAPOINT AVENUE

SEAPOINT STATION

Tunnel

Bathing Place

Flat Rock

Sandy

Seapoint Terrace

BELGRAVE ROAD

ARDENZA TERRACE

PROPOSED TWO-WAY CYCLE TRACK ON CONVERTED TRAFFIC LANE

SEAPOINT AVENUE CONVERTED TO ONE-WAY TRAFFIC WITH SINGLE LANE

ch 6+079

ALMA ROAD

The Orchard

SEAPOINT DENTAL CLINIC

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
- PROPOSED SHARED AREA
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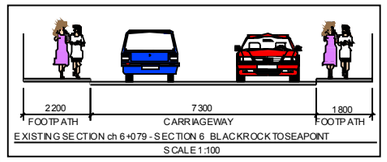
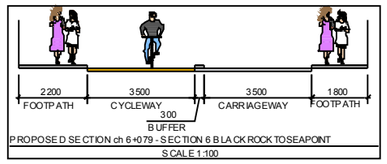
- EXISTING SEA WALL



EXISTING SECTION ch 6+079 - SECTION 6 BLACKROCK TO SEAPOINT

SCALE 1:100



PROPOSED SECTION ch 6+079 - SECTION 6 BLACKROCK TO SEAPOINT

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No.	Revision	Date	By	Chkd	Appd
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Designed: SMG | Checked: SMG | Approved: SMG | Status: FEASIBILITY REPORT

Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 6 - BLACKROCK TO SEAPOINT SHEET 6.3

Drawn: JMK | Job No: 14.225 | Drawing No: 653 | Rev:

Scale: 1:500 (A1) 1:1000 (A3) | Date: OCT '15

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BRIGHTON VALE

MARTELLO TOWER

Bathing Place

Sand

RAILWAY

ch 6+400

ch 6+500

ch 6+600

ch 6+652

SEAPOINT AVENUE

END OF SCHEME

ch 6+442

TRAFALGAR TERRACE

Seapoint Terrace

BELGRAVE PLACE

SEAFIELD AVENUE

Seafield Mews

TRAFALGAR LANE

PROPOSED TWO-WAY CYCLE TRACK ON CONVERTED TRAFFIC LANE

SEAPOINT AVENUE CONVERTED TO ONE-WAY TRAFFIC WITH SINGLE LANE

LEGEND:

- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGEWAY
- PROPOSED PARKING
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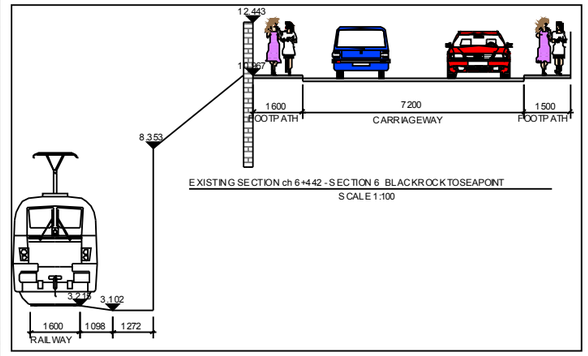
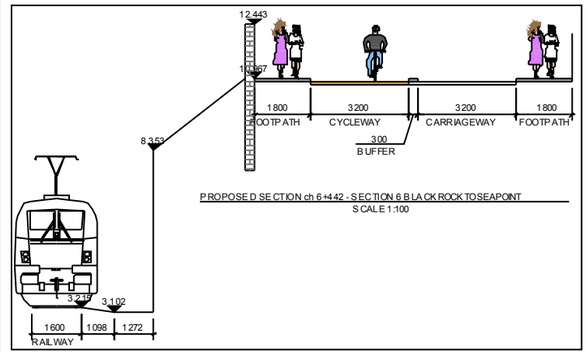
- PROPOSED LAND TAKE
- PROPOSED CONNECTIONS
- EXISTING SEA WALL



EXISTING SECTION ch 6+442 - SECTION 6 BLACKROCK TO SEAPOINT
SCALE 1:100



PROPOSED SECTION ch 6+442 - SECTION 6 BLACKROCK TO SEAPOINT
SCALE 1:100

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Project Title: SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Drawing Title: C3 - EMERGING PREFERRED ROUTE OPTION SECTION 6 - BLACKROCK TO SEAPOINT SHEET 6.4

Designed	Checked	Approved	Status	Drawn	Job No.	Drawing No.	Rev.
SMG	SMG	SMG	FEASIBILITY REPORT	JMK	14.225	654	

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