SANDYMOUNT / MERRION TO BLACKROCK CORRIDOR STUDY

FEASIBILITY STUDY AND OPTIONS ASSESSMENT REPORT

Part C: Drawings

C1 Coastal Cycle Route Options
C2 Merrion Road / Rock Road Cycle Route Options
C3 Coastal Emerging Preferred Cycle Route
C4 Merrion Road / Rock Road Emerging Preferred Cycle Route
SANDYMOUNT / MERRION TO BLACKROCK CORRIDOR STUDY

FEASIBILITY STUDY AND OPTIONS ASSESSMENT REPORT

C1 Coastal Cycle Route Options
<table>
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<tr>
<th>SECTION</th>
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<th>OPTION SHEETS</th>
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FEASIBILITY REPORT
OCTOBER 2015

ROD
AECOM
SANDYMOUNT & MERRION TO BLACAROCK CYCLE ROUTE CORRIDOR STUDY

OVERALL SITE PLAN

Project No.: 001

Roughan & O'Donovan-AECOM Alliance

Site Plan: J:\2014\14225\Dwg\Feasibility\Route Opt\14225 001 Site Plan.dwg

Oct 08, 2015 - 10:19am

Do not use figures dimensions only.
EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 6 RESIDENTIAL PROPERTIES (1.5m TYPICAL)

EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 10 RESIDENTIAL PROPERTIES (1.5m TYPICAL)

PROPERTY NOT AFFECTED BY ROAD REALIGNMENT.

EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 9 RESIDENTIAL PROPERTIES (1.5m TYPICAL)

EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 6 RESIDENTIAL PROPERTIES (1.5m TYPICAL)
APPROXIMATE LINE OF OLD SEAWALL

PROPOSED TWO WAY CYCLE TRACK

CHURCH AVENUE
BATH STREET
Pembroke Street
Cranfield Place
SEAN MOORE PARK

SEAN MOORE ROAD
BEACH ROAD

LEAHY'S TERRACE

SEAN MOORE PARK

PROPOSED TWO WAY CYCLE TRACK

APPROXIMATE LINE OF OLD SEAWALL
LEAHY'S TERRACE
BEACH AVENUE
BEACH DRIVE
SEAN MOORE PARK
SAN DYM COURT
MARINE DRIVE
PROPOSED TWO WAY CYCLE TRACK

0+300
0+400
0+500
0+600

BEACH ROAD
2 170
FOOTPATH
3 520
TRAFFIC LANE

SEAN MOORE PARK
SCALE 1:100

SCALE 1:100

SPECIAL AREA OF CONSERVATION
SPECIAL PROTECTION AREA
PROPOSED PROMENADE & FOOTPATH
PROPOSED CYCLE TRACK
PROPOSED CAR PARKING
PROPOSED SHANNON RIVER
PROPOSED LANDING AREA CHANGES
PROPOSED LAND USE
PROPOSED CONNECTIVE
TRAFFIC LANE
FOOTPATH

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.

LEGEN D:
SPECIAL AREA OF CONSERVATION
SPECIAL PROTECTION AREA
PROPOSED PROMENADE & FOOTPATH
PROPOSED CYCLE TRACK
PROPOSED CAR PARKING
PROPOSED SHANNON RIVER
PROPOSED LANDING AREA CHANGES
PROPOSED LAND USE
PROPOSED CONNECTIVE
TRAFFIC LANE
FOOTPATH

DEL 08, 2015 - 10:21am Drawing Location: J:\2014\14225\Dwg\Feasibility\Route Opt\14225 Section 1 111-114.dwg

Roughan & O'Donovan-AECOM Alliance

DO NOT SCALE USE FIGURED DIMENSIONS ONLY
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.

EXISTING SEA WALL

TWO WAY CYCLE TRACK

EXISTING滩 WALL

PROPOSED PARKING BAY

PROPOSED PARKING BAY

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTIES TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

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

Typical Existing Section - Option 1A - Sheet 1.3

Typical Existing Option 1A Section 0 +622 - 1 +300

Scale: 1:100

Job No:

Drawing Title: Proposed Cycle Route Corridor Study

SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Section 1 - IRISHTOWN TO SANDYMOUNT PROMENADE

Option 1A - SHEET 1.3

JMK 14.225

1:500 (A1) 1:1000 (A3) FEB '15

Rodgers, McDermott & Gribbin AECOM

Alliance
EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 6 RESIDENTIAL PROPERTIES (1.5m TYPICAL).

PROPERTY NOT AFFECTED BY ROAD REALIGNMENT.

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EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 10 RESIDENTIAL PROPERTIES (1.5m TYPICAL).

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
- EXISTING PROPERTY BOUNDARIES
- 200 YEAR TIDE 3.25m
- MHWS 1.59

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE Datum.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

Roughan & O'Donovan-AECOM Alliance

DO NOT SCALE USE FIGURED DIMENSIONS ONLY
Existing boundary footpath to be widened to accommodate two way cycle track.

Proposed parking.

Proposed cycle track.

Existing sea wall.

4m wide boardwalk outside of the seawall.

Extensive cycle track & footpath.

PROPOSED SHARED AREA.

PROPOSED PARKING.

PROPOSED PROMENADE & FOOTPATH.

PROPOSED CARRIAGEWAY.

PROPOSED LAND TAKE.

E XIST ING S EA W All.

E XIST ING CYC LE TR AC K & FO OTPATH.

LEGEND:

SPECIAL AREA OF CONSERVATION

SPECIAL PROTECTION AREA

PROPOSED PROMENADE & FOOTPATH

PROPOSED CYCLE TRACK

PROPOSED CARRIAGEWAY

PROPOSED PARKING

PROPOSED LAND TAKE

PROPOSED CONNECTIONS

EXISTING CYCLE TRACK & FOOTPATH.

NOTES:

1. DIMENSIONS ARE SHOWN IN MILLIMETRES.

2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.

3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.

Project No: S M G S M G S M G F E A S I B I L I T Y R E P O R T

Drawing Title: p 0 0 1 8 7 1 1 A.jpg

Scale: 1:100

Checked:

Design:

Tender:

Approved:

Drawn:

Date:  1 0 0 8 1 1 3 4 . d w g  

123

DO NOT SCALE USE FIGURED DIMENSIONS ONLY
EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 6 RESIDENTIAL PROPERTIES (1.5m TYPICAL).

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PROPERTY NOT AFFECTED BY ROAD REALIGNMENT.

EXISTING PROPERTY BOUNDARY TO BE SET BACK TO ALLOW FOR ROAD REALIGNMENTS. LANE TO BE ACQUIRED FROM 3 RESIDENTIAL PROPERTIES (1.5m TYPICAL).

PROPERTY NOT AFFECTED BY ROAD REALIGNMENT.

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

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.
EXISTING BOUNDARY, FOOTPATH TO BE WIDENED TO ACCOMMODATE TWO WAY CYCLE TRACK.

EXISTING SEA WALL.

PROPOSED PARKING BAY.

EXISTING SEA WALL.

PROPOSED PARKING BAY.

EXTENT OF BOARDWALK.

TWO WAY CYCLE TRACK.

EXISTING CYCLE TRACK 

FOOTPATH TO BE WIDENED.

TWO WAY CYCLE TRACK.
SEAN MOORE ROAD

BEACH ROAD

CHURCH AVENUE

LEAHY'S TERRACE

BATH STREET

PENMOORE STREET

PROPOSED TWO WAY CYCLE TRACK

APPROXIMATE LINE OF OLD SEAWALL

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
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3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

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

HOE0406: A639

Scale 1:100

Job No: Dated: Status:

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DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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Alliance

Blackrock Cycle Route Corridor Study

SECTION 1 - IRISH TO SANDYMOUNT PROMENADE

OPTION A - SHEET 1.1
NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETERS.
2. ALL LEVELS ARE IN METERS AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

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

TYPICAL PROPOSED SECTION SEAN MOORE PARK
SCALE 1:100

TYPICAL EXISTING SECTION SEAN MOORE PARK
SCALE 1:100

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETERS.
2. ALL LEVELS ARE IN METERS AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

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

TYPICAL PROPOSED SECTION SEAN MOORE PARK
SCALE 1:100

TYPICAL EXISTING SECTION SEAN MOORE PARK
SCALE 1:100
PROPOSED 3m-NIDE PROMENADE EXTENSION

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

LEGEND:
- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARREYWAY
- PROPOSED PARKING
- PROPOSED SEA WALL
- EXISTING SEA WALL

MHWS 1.59 200 YEAR TIDE 3.25m
200 YEAR HIGH TIDE 1.99

Typical Section 1 Option 1a ch 0+622 - ch 1+300
Scale 1:100

Footpath: 3.210
Traffic Lane: 3.860
Traffic Lane: 3.650
Footpath: 3.210

Typical Section 2 Option 1b ch 0+622 - ch 1+300
Scale 1:100

Footpath: 3.210
Traffic Lane: 3.860
Traffic Lane: 3.650
Footpath: 3.210

MHWS 1.59 200 YEAR TIDE 3.25m
200 YEAR HIGH TIDE 1.99

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.
PROPOSED 20m WIDE PROMENADE EXTENSION

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.

LEGEND:
- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARROWAY
- PROPOSED PARKING
- PROPOSED SEA WALL
- EXISTING SEA WALL

SCALE: 1:100

Typhical Section Option 1D - Section 1

Job No: Dwg: Feasibility/Route Opt/14225 Section 1 141-144.dwg

Oct 08, 2015 - 10:25am

Roughan & O'Donovan-AECOM Alliance

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

Section 1 - IRISH TOWN TO SANDYMOUNT PROMENADE OPTION 1D - SHEET 1.4

JMK 14.225 1:500 (A1) 1:1000 (A3) FEB '15

ROUGHAN & O’DONOVAN-AECOM ALLIANCE

SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

SECTION 1 - IRISH TOWN TO SANDYMOUNT PROMENADE

OPTION 1D - SHEET 1.4

1:500 (A1) 1:1000 (A3) FEB '15

ROUGHAN & O’DONOVAN-AECOM ALLIANCE
EXISTING ACCESS STEPS / RAMP

STRAIGHT ROAD

MARTELLO TOWER

OLD SEA WALL

SANDBURY PROMENADE

EXISTING ACCESS STEPS / RAMP

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.
EXISTING ACCESS STEPS / RAMP

EXISTING FOOTPATH TO WIDEN FOR CYCLE TRACK TO HAVE SUFFICIENT WIDTH AT THE TOWER. MINI ROUNDBOUT WOULD NEED TO BE REMOVED OR MOVED.

EXISTING MINI ROUNDBOUT TO BE MOVED TO ALLOW FOR CYCLE TRACK WIDENING AT THE TOWER.

EXISTING ACCESS STEPS / RAMP

EXISTING FOOTPATH TO WIDEN FOR CYCLE TRACK WIDENING AT THE TOWER.

EXISTING ACCESS STEPS / RAMP

EXISTING MINI ROUNDBOUT TO BE MOVED TO ALLOW FOR CYCLE TRACK WIDENING AT THE TOWER.

EXISTING ACCESS STEPS / RAMP

EXISTING MINI ROUNDBOUT TO BE MOVED TO ALLOW FOR CYCLE TRACK WIDENING AT THE TOWER.

EXISTING ACCESS STEPS / RAMP

EXISTING MINI ROUNDBOUT TO BE MOVED TO ALLOW FOR CYCLE TRACK WIDENING AT THE TOWER.
SECTION 3

PRIVATE ACCESS GATES

PROPOSED Shared Area between Pedestrians & Cyclists

EXISTING Sea Wall

PROPOSED 4m Wide Promenade

LEGEND:
- Special Area of Conservation
- Special Protection Area
- Proposed Promenade & Access
- Proposed Cycle Track
- Proposed Carriageway
- Proposed Drainage
- Proposed Shared Area
- Proposed Shared Area on Road
- Proposed Land Take
- Proposed Connections
- Existing Cycle Track & Footpath

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.
MERRION ROAD
FLOOD RAMP WITH
CONTROLLED ACCESS
SECTION 3
SECTION 4

STRAND ROAD
OLD STATION
HOUSE

MERRION STRAND
MERRION ROAD

SECTION 3
MERRION GATES LEVEL
CROSSING

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETERS.
2. ALL LEVELS ARE IN METERS AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DUBLIN COASTAL FLOODING PROTECTION PROJECT.

PROJECT TITLE
SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

ROUGHAN & O'DONOVAN-AECOM

ALLIANCE

SANDYMOUTH & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

SECTION 3 - MERRION STRAND
OPTION 3A - SHEET 3.3

J MK 14.225

1:500 (A1) 1:1000 (A3) FEB '15

323
MERRION ROAD
FLOOD RAMP WITH CONTROLLED ACCESS
SECTION 3
SECTION 4

STRAND ROAD
OLD STATION HOUSE
MERRION GATES LEVEL CROSSING
RAILWAY

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

NOTES:
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3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.
SECTION 2

PRIVATE ACCESS GATES

SECTION 3

EXISTING SEA WALL

CYCLE TRACK VARIES IN WIDTH ALONG SECTION BUFFER BETWEEN CYCLE TRACK AND CARRIGAY VARIES FROM 0.25m WIDE TO 0.5m WIDE.

LEGEND:
- SPECIAL AREA OF CONSERVATION
- SPECIAL PROTECTION AREA
- PROPOSED PROMENADE & FOOTPATH
- PROPOSED CYCLE TRACK
- PROPOSED CARRIAGeway
- PROPOSED PARKING
- PROPOSED SEA WALL
- EXISTING SEA WALL

NOTES:
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Roughan & O'Donovan-AECOM Alliance

SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

SECTION 3 - MERRION STRAND

OPTION 3D - SHEET 3.1

J MK 14.225

1:500 (A1) 1:1000 (A3) FEB '15 S MGS MGS MGS FEASIBILITY REPORT

Project No.: 351

DO NOT SCALE USE FIGURED DIMENSIONS ONLY
CYCLE TRACK VARIES IN WIDTH ALONG SECTION.
BUFFER BETWEEN CYCLE TRACK AND CARRIAGE-way VARIES FROM 0.25m WIDE TO 0.5m WIDE.

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.
MERRION ROAD
FLOOD RAMP WITH
CONTROLLED ACCESS
SECTION 3
SECTION 4

CH 2+800
CH 2+900

STRAND ROAD
OLD STATION HOUSE
MERRION GATES LEVEL CROSSING
RAILWAY

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

NOTES:
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Roughan & O'Donovan-AECOM
Alliance

STANDARD SCALES 1:500 (A1) 1:1000 (A3) FEB '15

SANDYMOUNT & MERRION TO
BLACKROCK CYCLE ROUTE CORRIDOR STUDY

SECTION 3 - MERRION STRAND
OPTION 3D - SHEET 3.3

JMK 14.225

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY.
RAILWAY

CH 3+296

TRIMLESTON

SAN D SPIT

BOOTERSTOWN

T RIMLESTON ST REAM

BOX CULVERT

SEA WALL

CH 3+200

CH 3+300

CH 3+400

CH 3+500

POSSIBLE LINK

100m LONG RAMP

LEGE ND:
S PECIAL AREA OF CONSERVATION
S PECIAL PROTE CTION AREA
P ROP OSE D PROMENADE & FOOTPATH
P ROP OSE D C YCL E TRACK
P ROP OSE D CARRIAGEWAY
P ROP OSE D P ARKING
P ROPOSED SHARED AREA
P ROP OSE D S HAR ED ARE A ON ROAD
P ROP OSE D L AND TAKE
P ROPOSED CONNECTIONS

N OTES:
1. DIMENSIONS ARE SHOWN IN MILLIM ETRES.
2. A LL LEV ELS ARE IN METRES AND RELATE TO O RD NANC E DATU M .
3. WATER LEV ELS BA SE D ON A DM IRALTY TIDE TABLES AND DCC DUBLIN COA STAL FLOO DI NG PRO TECT IO N PROJECT .

Job N o :
D ate:
Status :
D r aw i n g No:
R e v:
Approv e d :
D r awn:

P ROPOSED SEA WALL
E XTEN SION

2. 48 0
2. 57 5
2. 46 9
1 600
RAILWAY
1 949
1 600
RAILWAY
1 383
2 263
3 000

P ROPOSED PROMENADE
1. 66 8
3 000

P ROME NADE

1. 99
2. 57 5
2. 46 9
1 600
RAILWAY
1 949
1 600
RAILWAY
1 383
2 263
3 000

SECTION O PT IO N 4A
CH 3+296- SECTION 4 MERRION GATES TO B OOTERSTOWN
S CALE 1 :100

MHWS 1.59
200 YEAR
TIDE 3.25m
MHWN 0.89
1.668
HAT 1.99
2.480
2.575
2.469
1600
RAILWAY
1949
1600
RAILWAY
1383
2263
3000

POSSIBLE LINK

100m LONG RAMP

LEGE ND:
S PECIAL AREA OF CONSERVATION
S PECIAL PROTE CTION AREA
P ROP OSE D PROMENADE & FOOTPATH
P ROP OSE D C YCL E TRACK
P ROP OSE D CARRIAGEWAY
P ROP OSE D P ARKING
P ROPOSED SHARED AREA
P ROP OSE D S HAR ED ARE A ON ROAD
P ROP OSE D L AND TAKE
P ROPOSED CONNECTIONS

N OTES:
1. DIMENSIONS ARE SHOWN IN MILLIM ETRES.
2. A LL LEV ELS ARE IN METRES AND RELATE TO O RD NANC E DATU M .
3. WATER LEV ELS BA SE D ON A DM IRALTY TIDE TABLES AND DCC DUBLIN COA STAL FLOO DI NG PRO TECT IO N PROJECT .

Job N o :
D ate:
Status :
D r aw i n g No:
R e v:
Approv e d :
D r awn:

P ROPOSED PROMENADE
1. 66 8
3 000

P ROME NADE

1. 99
2. 57 5
2. 46 9
1 600
RAILWAY
1 949
1 600
RAILWAY
1 383
2 263
3 000

SECTION O PT IO N 4A
CH 3+296- SECTION 4 MERRION GATES TO B OOTERSTOWN
S CALE 1 :100

MHWS 1.59
200 YEAR
TIDE 3.25m
MHWN 0.89
1.668
HAT 1.99
2.480
2.575
2.469
1600
RAILWAY
1949
1600
RAILWAY
1383
2263
3000

POSSIBLE LINK

100m LONG RAMP

LEGE ND:
S PECIAL AREA OF CONSERVATION
S PECIAL PROTE CTION AREA
P ROP OSE D PROMENADE & FOOTPATH
P ROP OSE D C YCL E TRACK
P ROP OSE D CARRIAGEWAY
P ROP OSE D P ARKING
P ROPOSED SHARED AREA
P ROP OSE D S HAR ED ARE A ON ROAD
P ROP OSE D L AND TAKE
P ROPOSED CONNECTIONS

N OTES:
1. DIMENSIONS ARE SHOWN IN MILLIM ETRES.
2. A LL LEV ELS ARE IN METRES AND RELATE TO O RD NANC E DATU M .
3. WATER LEV ELS BA SE D ON A DM IRALTY TIDE TABLES AND DCC DUBLIN COA STAL FLOO DI NG PRO TECT IO N PROJECT .
6.5m BOARDWALK ON INLAND SIDE OF RAILWAY

NUTLEY STREAM OUTLET

OPTION 4D, 3.5m TWO WAY OFF ROAD CYCLE TRACK.

PETROL STATION
CAR WASH
BOTTLE BANK

FORMER STATION PLATFORM
FORMER STATION HOUSE

MERRION ROAD

LEGEND:

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

NOTES:

1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.

Job No:
Date:
Status:
Drawing No:
Rev:
Approved:
Drawn:
Project Title:

Scale: C1 COASTAL CYCLE ROUTE CONSTRUCTION STUDY
SECTION 4 - MERRION GATES TO BOOTERSTOWN
OPTION 4C & 4D - SHEET 4.1

Scale: 1:500 (A1) 1:1000 (A3) FEB '15

PRELIMINARY CONSTRUCTION APPROVAL

Roughan & O'Donovan-AECOM

ALLIANCE

SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CORRIDOR STUDY

Page 441

DO NOT SCALE US FIGURED DIMENSIONS ONLY
OPTION 4D, 3.5m WIDE TWO WAY CYCLE TRACK.

6.5m WIDE BOARDWALK

POSSIBLE LINK

TRIMLESTON STREAM OUTLET

STRAIGHT SECTION 1:100, SECTION OPTION 4C TO BOOTERSTOWN

MERRION ROAD

RAILWAY

SEA WALL

TRIMLESTON SAND SPIT

TRIMLESTON STREAM OUTLET

BOOTERSTOWN MARSH

6.5m WIDE BOARDWALK

NOTES:
1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOOD PROTECTION PROJECT.

Job No: Dated: Status:
Drawing No: Rev:
Approved: Drawn:

Project Title: Section Title: Scale: Check: Designed:

Roughan & O'Donovan-AECOM

Alliance

SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE CONCEPT STUDY
SECTION 4 - MERRION GATES TO BOOHERSTOWN
OPTION 4C & 4D - SHEET 4.2

1:500 (A1) 1:1000 (A3) FEB '15

442
BOOTERSTOWN MARSH

TRIMLESTON STREAM OUTLET

TRIMLESTON STREAM BOX CULVERT

EXISTING SEA WALL

EXISTING ROCK REVETMENT

EXISTING ACCESS TO SEA/BEACH

SECTION 4

SECTION 5

SECTIO N 4

SECTION 4

SECTION 5

SEE ALSO SHEET 4.1 FOR DETAILED DESCRIPTIONS OF PROPOSED PROJECT

LEgend:

SPECIAL AREA OF CONSERVATION
SPECIAL PROTECTION AREA
PROPOSED PROMENADE & FOOTPATH
PROPOSED CYCLE TRACK
PROPOSED CARRIAGEWAY
PROPOSED PARKING
PROPOSED LAND TAKE
PROPOSED SHARED AREA
PROPOSED CONNECTIONS
EXISTING SEA WALL
EXISTING ROCK REVETMENT
EXISTING ACCESS TO SEA/BEACH

NOTES:

1. DIMENSIONS ARE SHOWN IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM.
3. WATER LEVELS BASED ON ADMIRALTY TIDE TABLES AND DCC DUBLIN COASTAL FLOODING PROTECTION PROJECT.

Job No:  
Date: Status:  
Drawing No:  
Rev:  
Approved:  
Drawn:  

PROJECT TITILE

SCALE:  

CHECKED:  
DESIGNED:  

Roughan & O'Donovan-AECOM
Alliance

SANDYMOUNT & MERRION TO BLACKROCK CYCLE ROUTE MASTER STUDY
SECTION 4 - MERRION GATES TO Booterstown (OPTION 4C & 4D - SHEET 4.3)

SCALE 1:500 (A1) 1:1000 (A3) FEB'15

443
Cyclists share with traffic in low speed, low volume street.

General traffic must turn right.

Cyclist share with traffic westbound.

Section 6 - Blackrock to Seapoint

Option 6C - Sheet 6.1

Sandy Mount & Merrion to Blackrock Cycle Route Corridor Study

Roughan & O'Donovan - AECOM Alliance

Day 08, 2015 - 11:01am

Drawing Location: J:\2014\14225\Dwg\Feasibility\Route-06-06 Section 6 641-644.dwg

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
NOTE: SIGNS OF HORIZONTAL MOVEMENT IN ROAD PAVEMENT WITH LARGE CRACKS.

POSSIBLE FUTURE CONTINUATION TO DUN LAOGHAIRE

PROPOSED RETAINING WALL 180m LONG & 3m HIGH.

END OF SCHEME