

Item No. \_\_\_\_\_

**Report to the Chairman and Members  
of the North Central Area Committee**

Notification of Intent to submit a Part 8 Planning Application to allow for a modification to the Flood Defence Wall opposite St. Anne's Park.

**Christopher K. Manzira  
Acting Senior Engineer  
Environment and Transportation Department**

**March 2017**

March, 2017.

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**Notification of Intent to submit a Part 8 Planning Application to allow for a modification to the current Flood Defence Wall opposite St Anne's Park.**

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**Background**

Dublin City Council is currently engaged in the construction of the S2S Cycleway and Footway Interim Scheme under a Part 8 planning permission granted in 2013. Part of this project includes the construction of a flood defence wall opposite St. Anne' Park. It has become necessary to lower the flood defence wall following representation from elected representatives and community representatives.

Dublin City Council appointed an independent consultant to review the appropriateness of the current wall height of 4.25m OD, based on the design criteria. The consultant's report concluded that a wall height of 4.25m was justified.

Having taken account of the concern relating to the loss of visual amenity, the consultant proceeded to recommend that consideration could be given to lowering the wall height by a value in the range of 200mm to 300mm.

As part of the review process, Dublin City Council also considered the use of demountable barriers and a glass wall. These options were deemed to have operational as well as technical and functional limitations and would not provide value for money.

**Proposed Works**

It is now proposed to lower approximately 470m (marked in red and in green) of the flood defence wall opposite St. Anne's Park, from the start of the wall opposite the ponds to opposite the Gate Lodge (Chainage 1+250) by up to 300mm. The lowering of the wall by 300mm will mean that this portion of wall will only provide flood protection against a 100 year tidal event rather than the national standard of the 200 year tidal event.

In order to provide some protection against pedestrians falling into the lagoon, it is proposed that the minimum height of wall should be knee high, that is 500mm. This will mean that a section of the wall, approximately 180m in length (marked in green, from chainage 1+510 to the start of the wall at the ponds) will be lowered by less than 300mm.

Dublin City Council also considered options for providing railings over the 180m section but concluded, in consultation with community representatives, that such a alternatives would be less favourable as it is unlikely to enhance the visual amenity. Further, such alternatives would hinder the possibility of sitting on the wall.

***The objective of the proposal is to provide for a flood defence wall with a reduced visual obstruction when viewed from the road and St Anne's Park and to provide opportunities for sitting while providing acceptable minimum flood alleviation measures and safety for road users.***

## **Environmental Considerations**

These proposals have been developed with careful consideration to ensure minimal impacts on the environment. The project is not considered to any significant long term impact on the environment, and any impact will largely be short term during the construction stage. The works will be scheduled so as to minimise potential disruption to wintering birds.

## **Flood Alleviation**

The proposed alterations will reduce the level of flood protection due to a tidal event. Dublin City Council will have to monitor closely the impacts of global warming and changes in weather patterns. These are likely to result in the requirement for increasing the height of the flood defence wall height over this section in the medium term.

## **Dublin City Development Plan 2016-2022**

The proposal supports the policies and objectives of the Dublin City Development Plan 2016 – 2022 which seek to:

- Encourage a modal shift from private modes of transport to public transport, cycling and walking.
- Provide a strategic, coherent and high quality cycle network across the city.
- Protect and improve the natural character of watercourses, including the Dodder and to promote access, walkways, cycleways and other compatible recreational uses along them, having regard to environmental sensitivities.

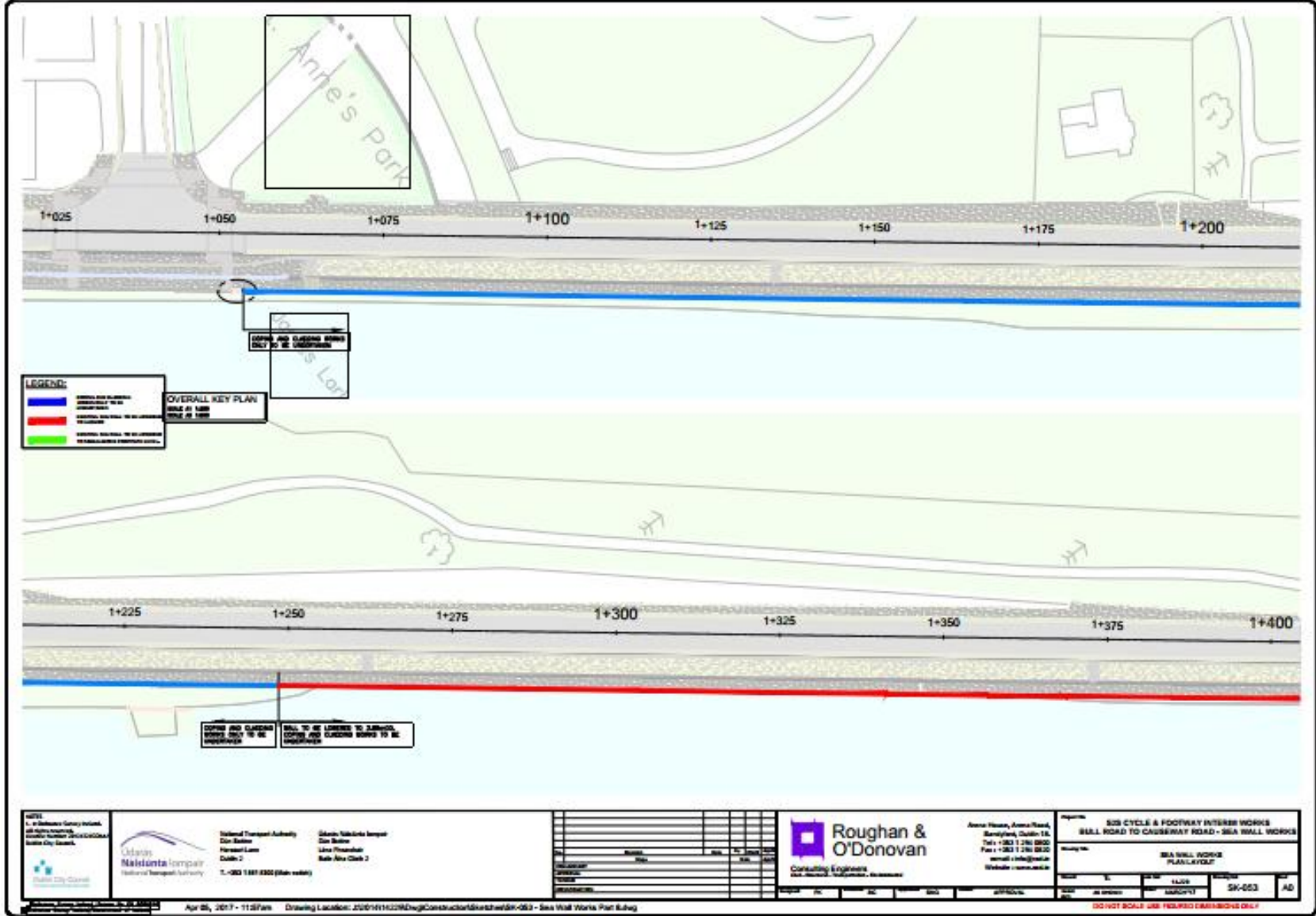
## **Liaison with the Environmental Monitoring and Liaison Committee**

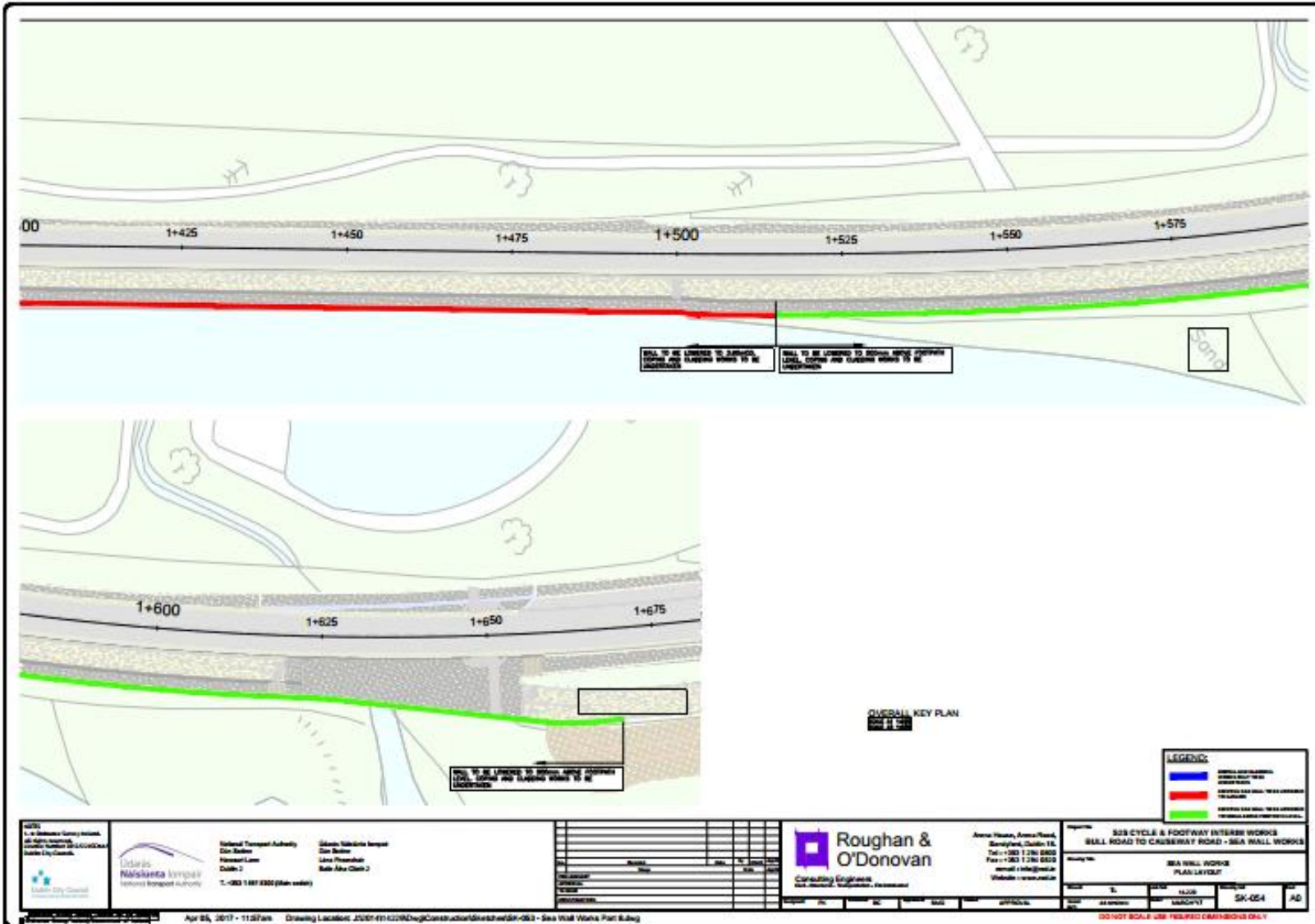
This proposal has been developed in consultation with the environmental Monitoring and Liaison Committee for the S2S Cycleway and Footway interim Scheme.

## **Part 8 Procedure**

It is intended that the Public Consultation will be initiated later this month.

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Project: SEA CYCLE & FOOTWAY INTERIM WORKS  
 BELL ROAD TO CAUSEWAY ROAD - SEA WALL WORKS

Drawing No: SEA WALL WORKS  
 PLAN LAYOUT

Scale: 1:100	Date: 04/03/2017	Sheet: SK-024	AD
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