

BELFAST TIDAL FLOOD ALLEVIATION SCHEME



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Infrastructure

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Bonneagair

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Presentation to Old Stranmillis Residents Association

June 2018



AGENDA

- Scheme presentation
- Question & answer session



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INTRODUCTION

- DfI Rivers & Atkins
- Tidal Reach of River Lagan - Harbour to Stranmillis Weir
- Outline design stage – consulting landowners & occupiers
- Draft lands agreement & stakeholder support



WHY IS THE SCHEME NEEDED?



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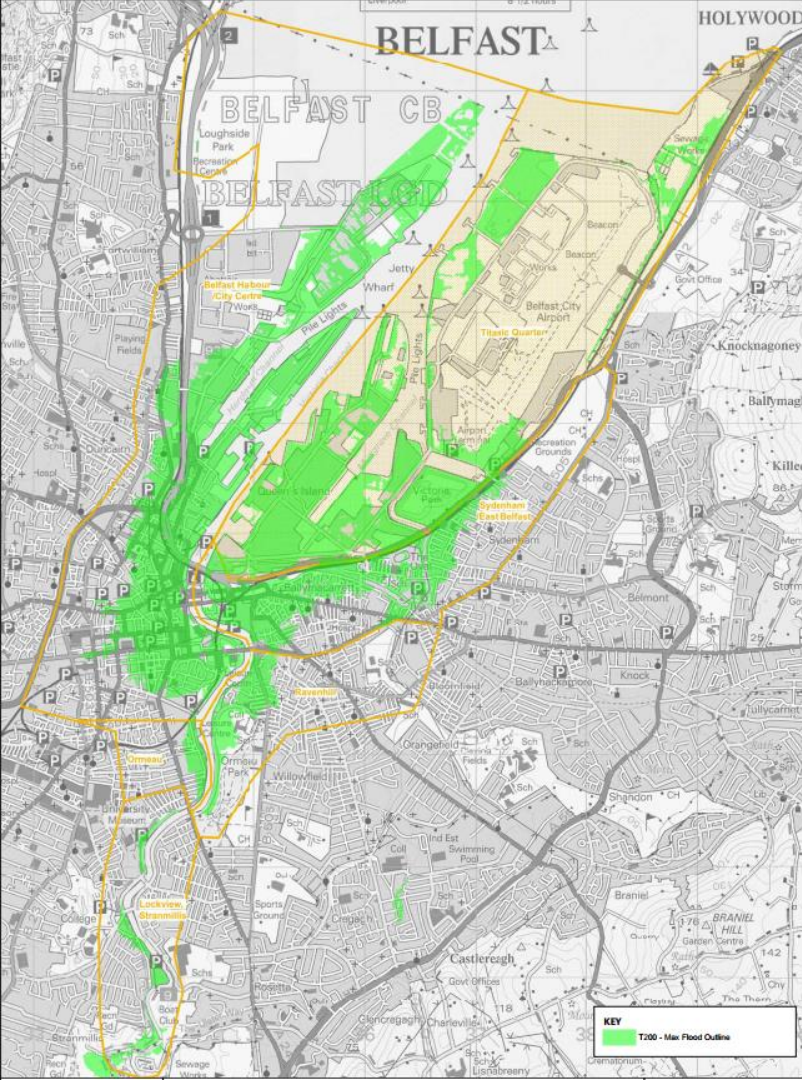
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- Highest tidal events occurred in last 20 years
- Most significant January 2014





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- Currently 1000 properties at risk
- Significant increase in numbers with climate change to approximately 8400



WHAT ARE WE DOING?

- Defend along the river where feasible
- Line & defence type subject to consultation
- Maintain & build on the value of the river environment
- Integrate with riverside developments



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WHAT ARE WE DOING?



- Glass flood wall



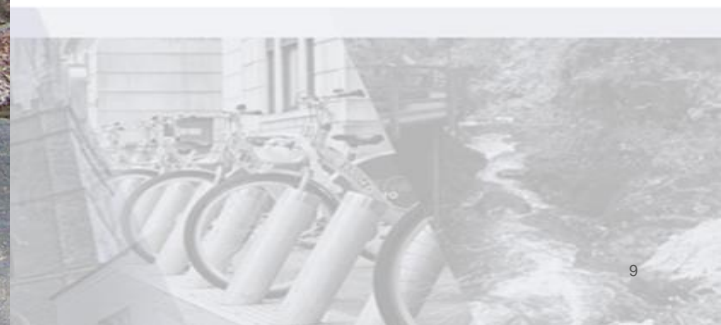
WHAT ARE WE DOING?

- Solid flood wall



WHAT ARE WE DOING?

- In-situ flood gates



WHAT ARE WE DOING?



- Demountable barrier



WHAT ARE WE DOING?



- Property level protection



WHEN ARE WE DOING IT?

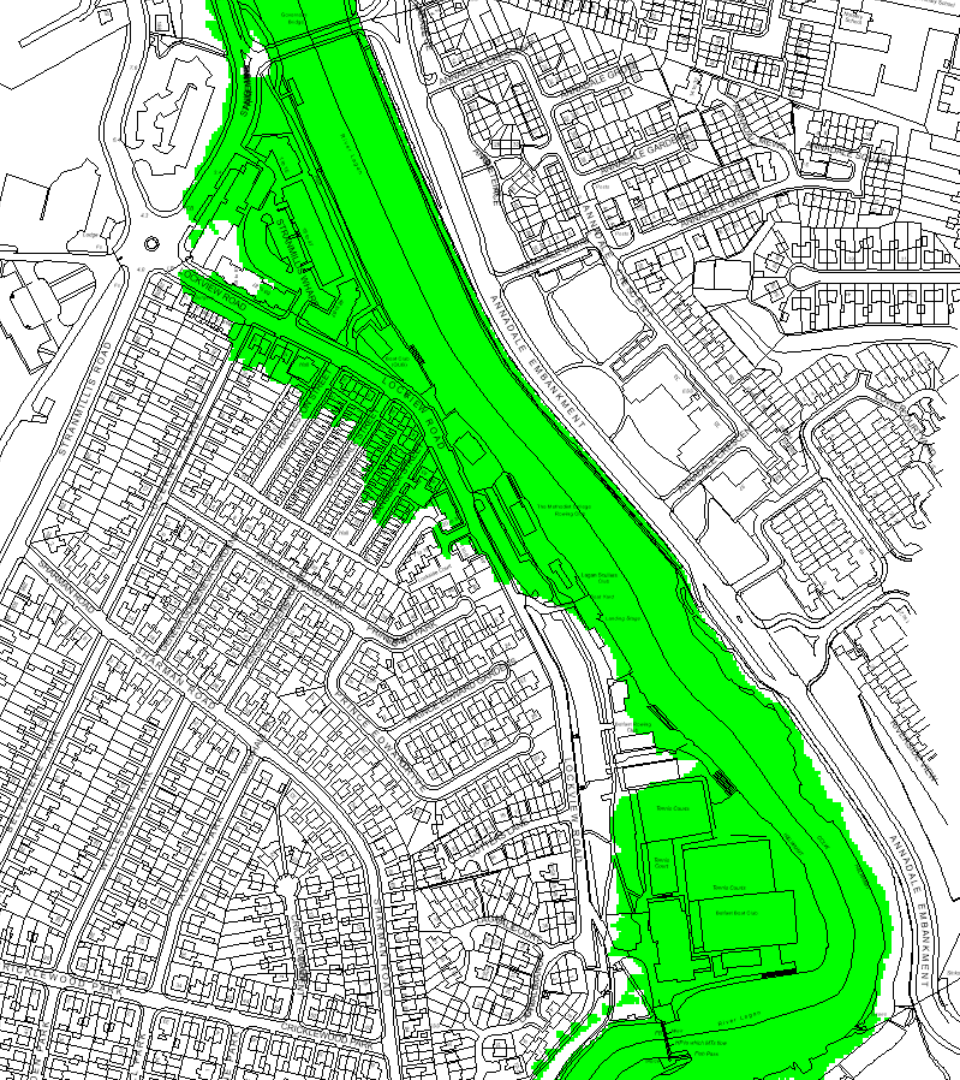
- Challenging programme
- Consultation Summer 2018
- Complete design Winter 2018
- Appoint Design & Build Contractor Spring 2019
- Construction Summer 2019 – Summer 2020



WHAT HAPPENS NEXT?

- Landowner & stakeholder consultation ongoing
- Complete surveys & finalise draft design
- Consultation
- Refine design on basis of consultation

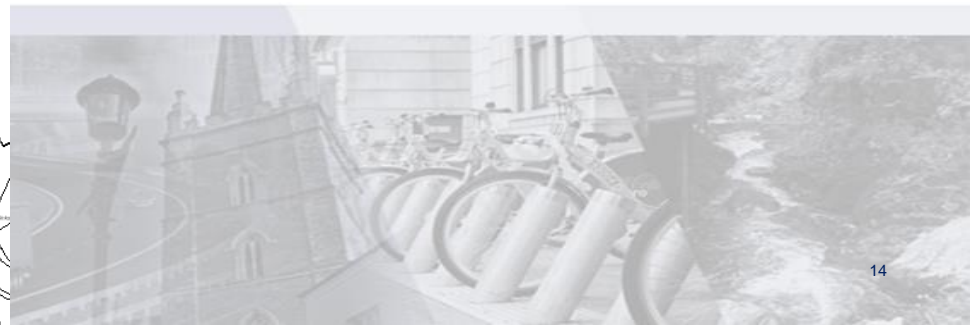


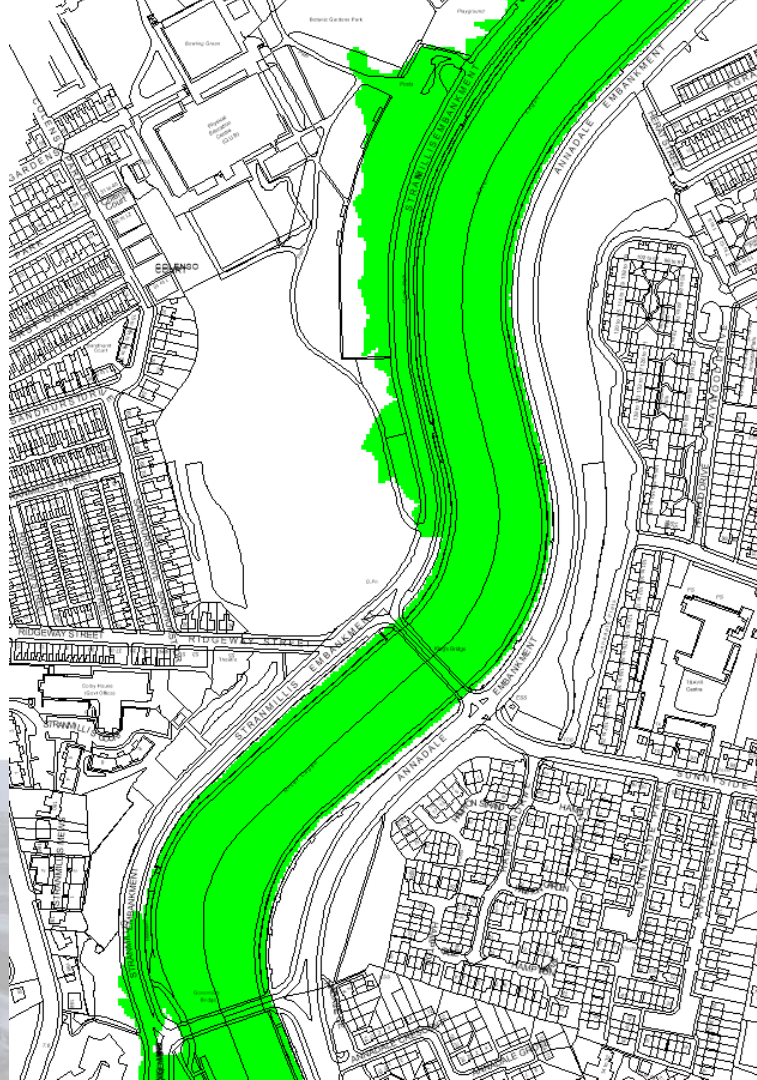


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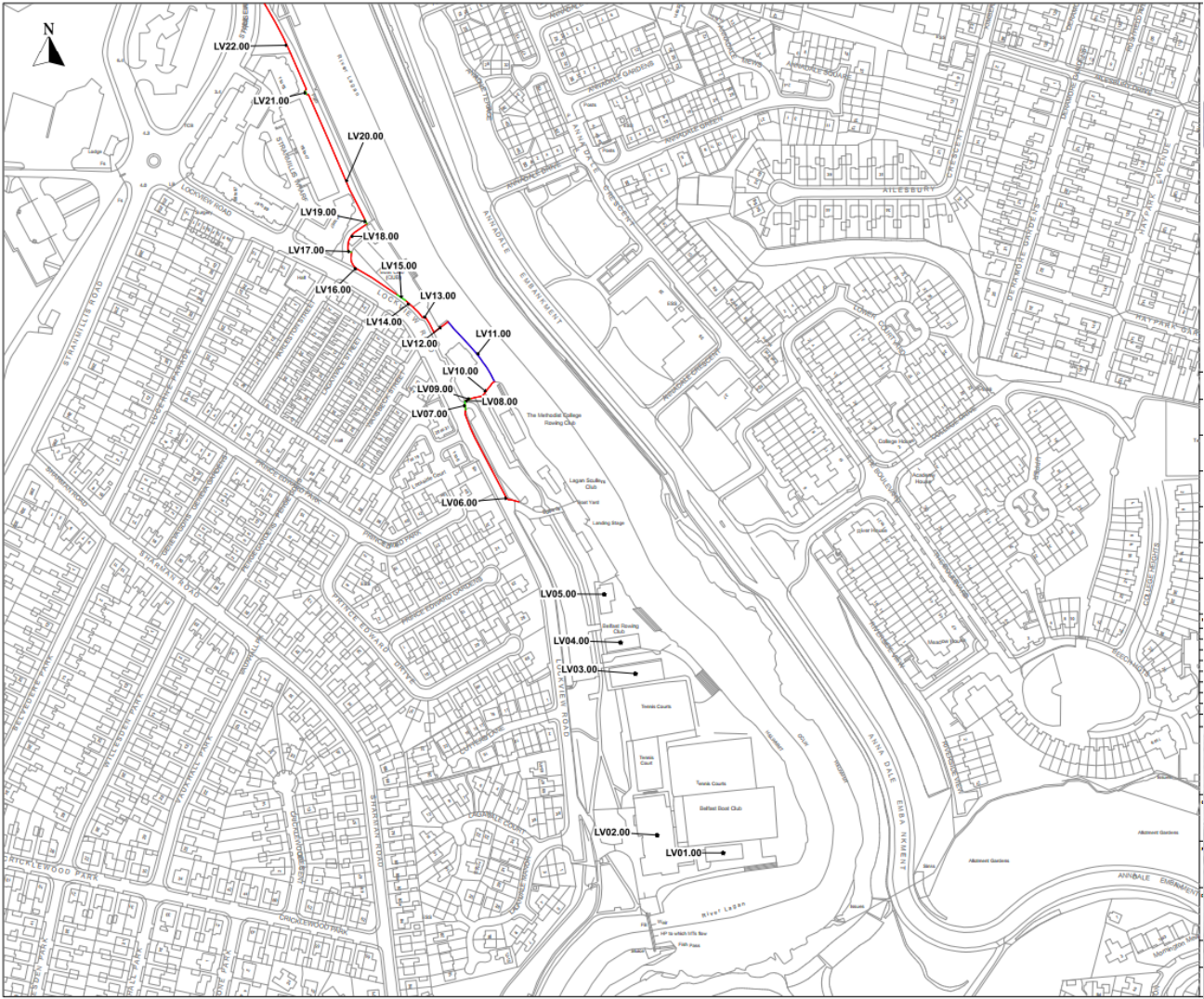




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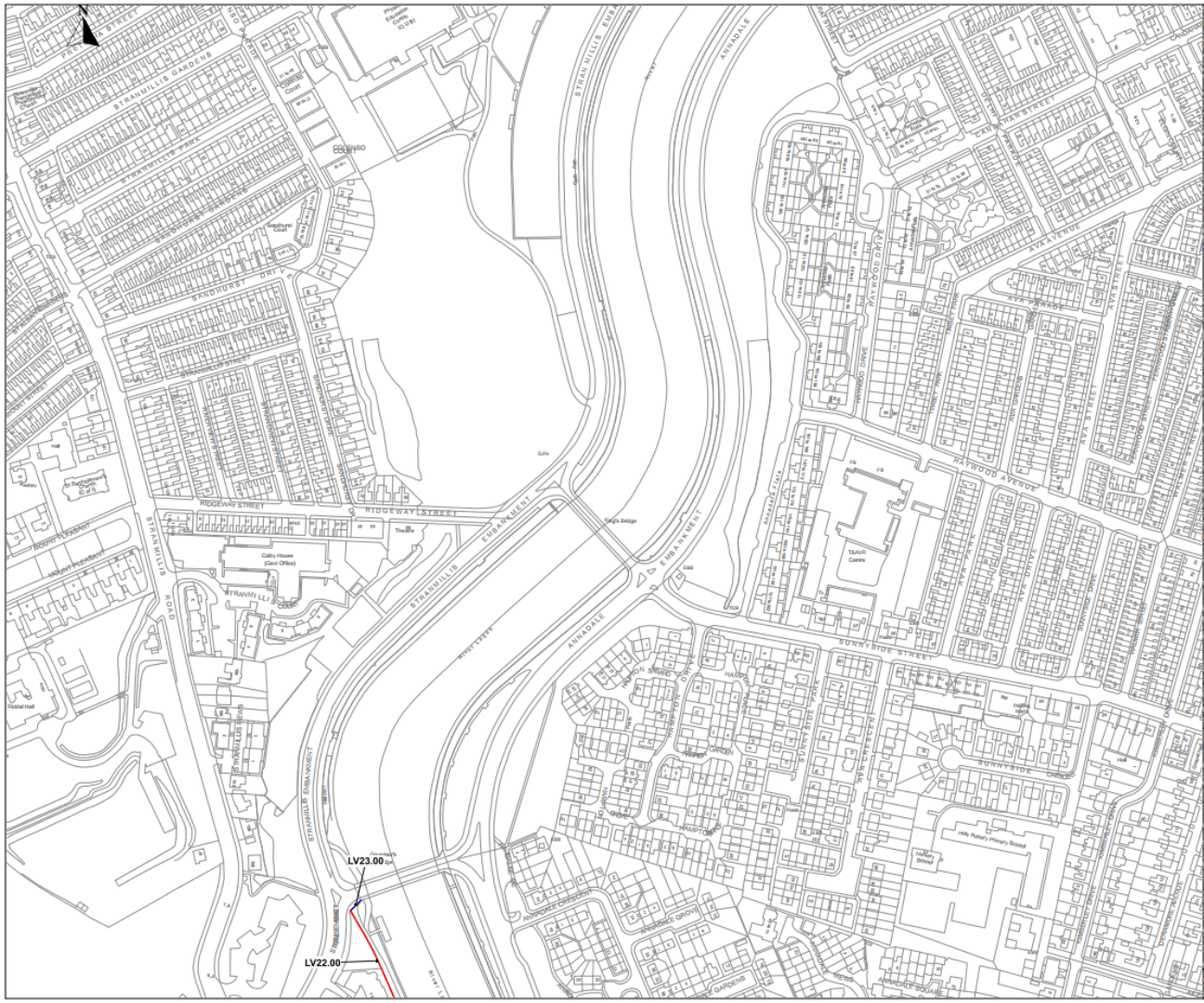


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THANK YOU

Questions

