

Flood Risk and Investment in Lancashire County at March 2017 – Flood Defence Grant-in-Aid

Appendix C

Current Schemes in the 6 Year Consented Programme 2015/16 - 2020/21

1. Rossall Coastal Defence Improvement Scheme

- 7,497 households in Fleetwood to be better protected from sea flooding
- £48 million GiA budget in the programme from 2015/16 – 2018/19
- Wyre Borough Council is Lead RMA for the project.

2. Morecambe Wave Reflection Wall

- 11,416 households to be better protected from sea flooding
- £9.8 million GiA budget from 2015/16 – 2018/19
- Lancaster District Council is the Lead RMA

3. Anchorholme Coast Protection Scheme

- 4415 households to be better protected from sea flooding in Blackpool & Cleveleys
- 399 households to be better protected from coastal erosion
- £12 million GiA budget from 2015/16 – 2016/17
- Blackpool Council is the Lead RMA

4. Fairhaven and Church Scar Coast Protection Scheme

- 1357 households to be better protected from sea flooding near Lytham St Anne's
- 989 households to be better protected from coastal erosion
- £20 million GiA allocation from 2016/17 – 2018/19
- £400k public contributions in 2016/17
- Fylde Borough Council is the Lead RMA

5. Wyre Dune and Beach Management Scheme

- 1915 households to be better protected from sea flooding in Cleveleys & Fleetwood
- £9.7 million GiA allocation from 2017/18 – 2020/21
- Wyre Borough Council is the Lead RMA

6. Jacks Key Reservoir Improvements, Darwen

- 1098 households to be better protected from river flooding in Darwen
- £2.3 million GiA budget from 2015/16 – 2017/18
- Environment Agency is the Lead RMA

7. East Lytham Flood Risk Management Scheme

- 652 households to be better protected from river flooding
- £3 million GiA budget from 2016/17 – 2018/19
- Environment Agency is the Lead RMA

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8. Croston Flood Risk Management Scheme, River Yarrow

- 347 households to be better protected from river flooding in Croston, near Chorley
- £2.65 million GiA budget in 2015/16
- £967k local levy contribution from 2015/16 – 2017/18
- £1.18 million public funding contribution in 2015/16
- Environment Agency is the Lead RMA

9. Broadfleet culvert replacement

- 607 households to be better protected from river flooding in Pilling, north-east of Fleetwood and Thornton
- £0.85 million GiA budget in 2016/17
- Environment Agency is the Lead RMA

10. Waterfall, Blackburn Flood Risk Management Scheme

- 53 households to be better protected from river flooding
- £1.8 million GiA budget in 2015/16
- £510k local levy funding prior to 2015/16
- Environment Agency is the Lead RMA

11. Whalley and Billington Surface Water Improvement Scheme

- 350 households to be better protected from surface runoff
- £640k GiA from 2018/19 – 2020/21
- Additional funding of £1.4m is required to complete the project and a bid will be made this year
- Lancashire County Council is the Lead RMA

12. Hesketh Outmarsh East, Managed Realignment

- 154 ha New Inter-tidal priority habitat to be created
- £1.4m GiA from 2016/17 – 2018/19
- 140 households already better protected from flooding in prior years of project
- Environment Agency is the Lead RMA

13. Lancaster Phase 4 – Mill Race Surface Water Study

- Main drainage system for the centre of Lancaster
- £152k GiA from 2017/18 – 2018/19
- Additional funding of £3m is required to complete the project and a bid will be made this year
- Lancashire County Council is the Lead RMA

14. The Wrangling, Blackburn

- 66 households to be better protected from river flooding
- £2.22 million GiA budget in 2015/16 – 2016/17
- £122k local levy funding prior to 2015/16

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- Environment Agency is the Lead RMA

15. River Darwen, Darwen

- 82 households to be better protected from river flooding
- £2 million GiA budget from 2015/16 – 2017/18
- Environment Agency is the Lead RMA

16. Darwen Surface Water Management Plan

- Up to 240 ha land at risk of flooding from surface runoff
- 66 households to be better protected
- £1 million GiA budget from 2015/16 – 2019/20
- Blackburn with Darwen Borough Council is the Lead RMA

17. Upper & Middle Wyre FRM Asset Management Review

- 308 households at risk from river flooding in and around St. Michael's-on-Wyre.
- £0.87 million GiA budget in 2020/21
- Environment Agency is the Lead RMA

18. Red Bridge Pumping Station

- 245 households to be better protected from tidal river flooding in Blackpool
- £120k GiA budget in 2016/17
- Environment Agency is the Lead RMA

19. Abbey Brook (The Pines Estate), Ormskirk

- 25 households to be better protected from river flooding in Ormskirk
- £567k GiA allocation in 2019/20
- Environment Agency to be the Lead RMA

20. Ewood Mill Race Embankment, Blackburn

- 69 households to be better protected from river flooding
- £475k GiA allocation in 2016/17
- Environment Agency is the Lead RMA

21. Boundary Edge Brook, Rossendale

- 4 households to be better protected from river flooding
- £60k GiA allocation for 2020/21
- Lancashire County Council is Lead RMA

22. Pendle Ordinary Watercourse Study

- 35 households to be better protected from river flooding
- £55k GiA allocation for 2020/21
- Lancashire County Council is Lead RMA

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23. Cote Beck, Halton Flow Control

- 6 households to be better protected
- £26k GiA allocation in 2020/21
- Lancaster City Council is the Lead RMA

24. Downholland Brook Berm Removal

- £746k GiA allocation from 2016/17 – 2019/20
- EA led project to protect 181 at risk properties

25. River Alt Asset Reconditioning

- 165 households to be better protected from river flooding
- £130k GiA budget in 2016/17
- Environment Agency is the Lead RMA

26. Altcar Pumping Station

- 80 households to be better protected from river flooding
- £190.5k GiA allocation in 2016/17
- Environment Agency is the Lead RMA

27. Fine Jane Pumping Station Ph1, Formby

- £100k GiA allocation in 2016/17 to decommission disused PS and building
- EA led project

28. Fine Jane Pumping Station Ph2, Formby

- 74 households to be better protected from river flooding
- £115k GiA budget in 2016/17
- EA led asset refurbishment project

29. The Sluice/Back Drain Embankment, Banks

- 112 households to be better protected from river flooding at Banks, near Southport
- £50k GiA allocation in 2016/17
- Environment Agency is the Lead RMA

30. Birch Hall, Darwen

- 6 households to be better protected from surface water runoff
- £140k GiA budget in 2020/21 – project accelerated
- Blackburn with Darwen Borough Council is the Lead RMA

31. Preston / South Ribble

- Circa 2,900 properties to be better protected from river flooding
- £32 million scheme currently estimated

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- £3.8 million GiA allocation from 2019/20 – 2020/21
- Additional GiA funding of £13.2 million is required and a further £15 million in contributions is required
- Environment Agency is the Lead RMA

32. Hurlston Brook, Ormskirk West Study

- 214 households to be better protected from river flooding
- £112k GiA allocation in 2020/21
- A further £1.94 million funding is required to complete the project and a bid will be made this year
- Lancashire County Council is the Lead RMA

33. Blackpool Local Flood Risk Management Strategy Review

- £100k GiA allocation in 2017/18 – 2018/19
- 446 households to be better protected from surface runoff
- Blackpool Council is the lead RMA

34. Chorley District Focussed Studies – Eccleston, Brinscall, Whittle-Le-Woods, Coppull

- £70k GiA allocation in 2017/18
- 49 households to be better protected from surface runoff
- Lancashire County Council is the Lead RMA

35. Glasson Dock Gate Refurbishment

- High Tide gates to reduce the risk of Sea Flooding
- £126k GiA allocation in 2017/18
- EA is the lead RMA

36. Lancashire Armco Culverts

- £100k GiA in 2017/18
- EA is the lead RMA

37. Old Gate Drive, Blackburn

- £192k GiA in 2019/20 – project accelerated
- 26 households to be better protected from surface runoff
- Blackburn with Darwen Borough Council is the lead RMA

38. Rossendale District Level 2's – Waterfoot, Rawtenstall, Bacup, Shawforth

- £90k GiA allocation in 2017/18 – 2018/19
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39. Slyne Level 3 Surface Water Management Plan

- £75k GiA allocation in 2017/18
- 36 households to be better protected from surface runoff
- Lancashire County Council is the lead RMA

40. Staining, Fylde Level 3 Surface Water Management Plan

- £85k GiA allocation in 2017/18 – 2018/19
- 40 households to be better protected from surface water runoff
- Lancashire County Council is the lead RMA

41. Churchtown Defence Improvements

- 45 households to be better protected from river flooding
- £100k GiA budget in 2017/18
- EA is the lead RMA