



# Preston & South Ribble Flood Risk Management Scheme

Nov 2021

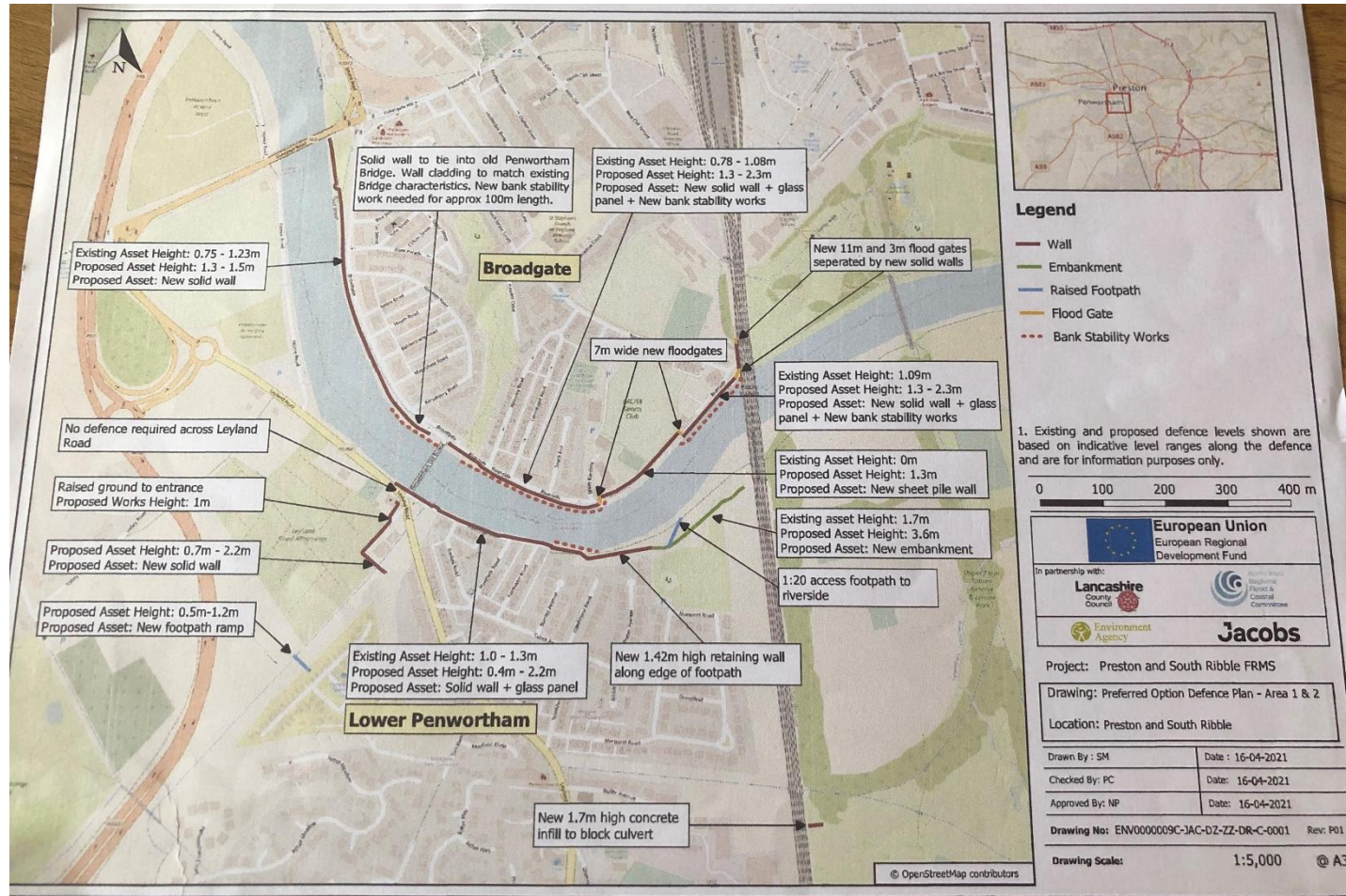
# Update

- Temporary access
- Road closures
- Parking
- Property surveys
- Design of flood defences





# Scheme overview and update



- 5 areas of works
- Construction to happen in parallel
- Scheme cost has increased from £49M to £54.7M
- 4700 properties benefitting
- All funding has been signed off
- Planning permission awarded April 2021
- Contract has been awarded

# Scheme



The original defences were built intermittently from the 1920s to 1980s and are coming to the end of their life, they need repairing or replacing and ideally brought up to a 75 year standard of protection. The aim of the scheme is to improve the protection to over 4800 business and residential properties by raising the existing defences and building new walls to protect properties within the scheme. Over 200 homes and businesses flooded on boxing day, this was a near miss for other properties and businesses as the event only just missed NEAP high tides.



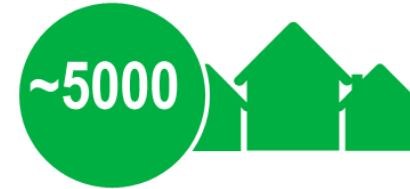
Cost of scheme.



Funding will continue to be sought.



Scheme will provide a 1.33% (1 in 75) Annual Exceedance Probability



Residential Properties and business properties directly benefiting from the scheme



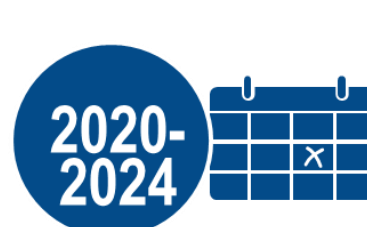
For every tree removed, 5 will be planted



Amount of new and improved defences



Opportunity for habitat, sports and leisure enhancements

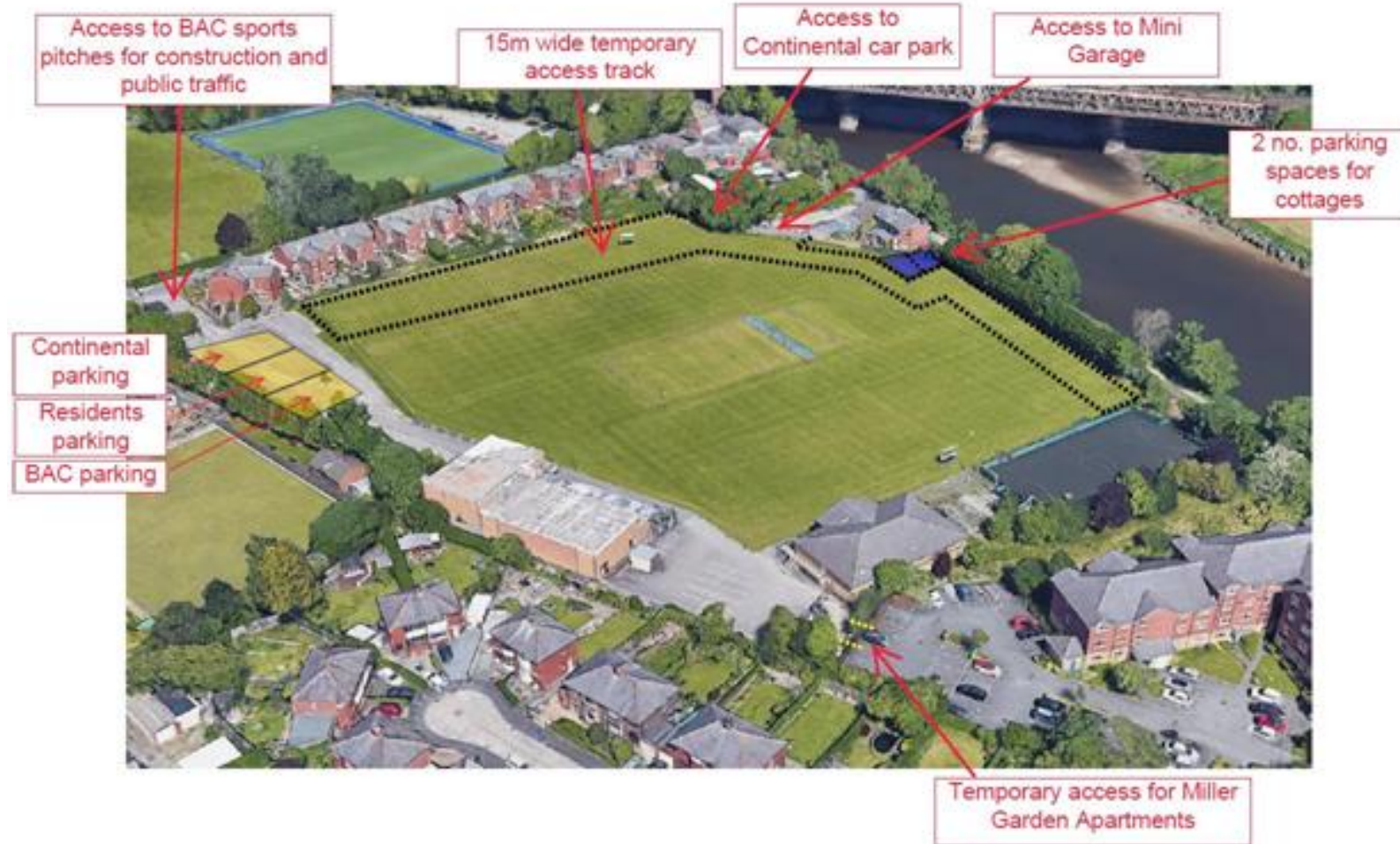


Scheme started in 2019 (ground investigation) and constructed by end 2024

Official

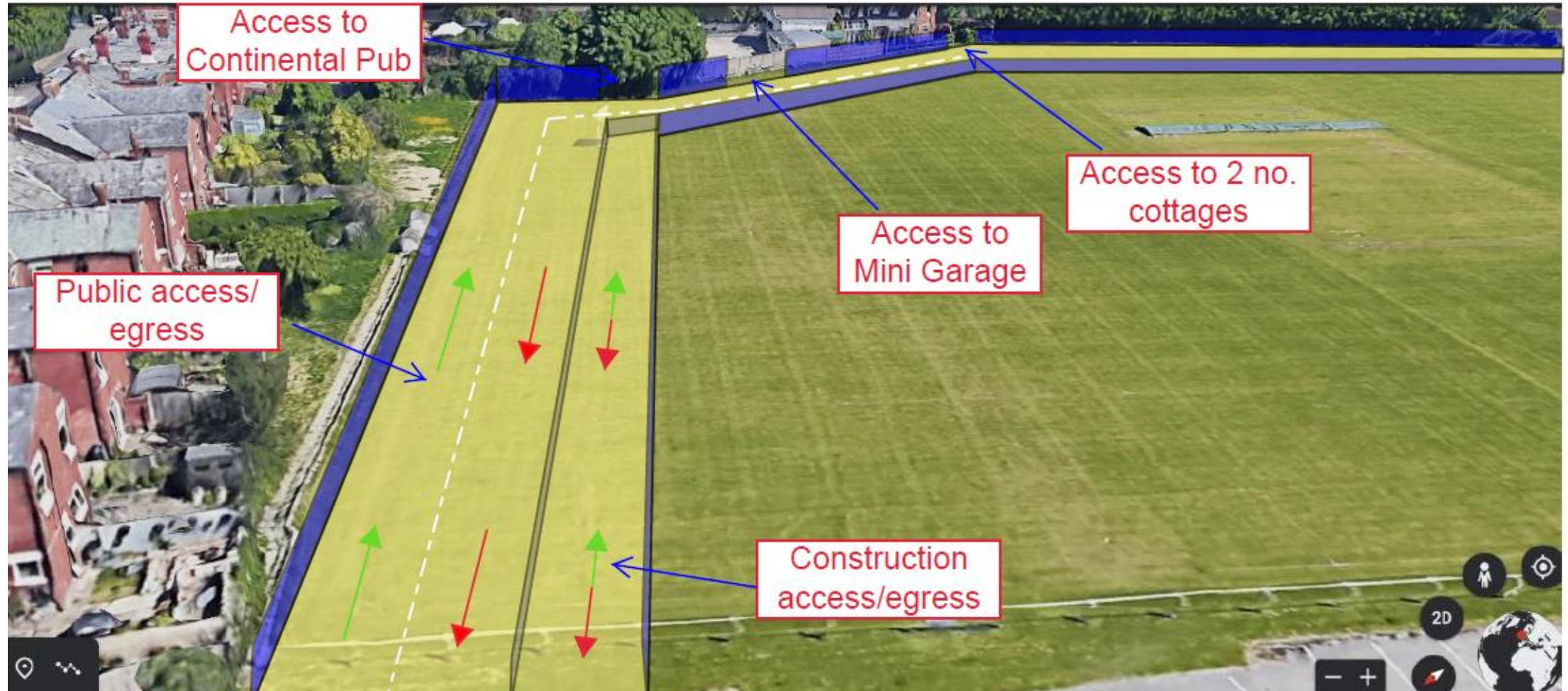


# BAC Sports Pitches - Access/Egress





# BAC Access/Egress Track and Haul Road



# BAC Access/Egress Track and Haul Road



## Why is it required?

Construction of the new flood defence can only be undertaken from the land side.

Runs the perimeter of the BAC sports pitches to minimise the impact on the pitches and ensure some activities can still take place.

## What kind of construction traffic can you expect to see?

Small piling rig, dumper, medium sized excavator, concrete wagon, delivery wagons.



## How often will the construction traffic use the haul road?

Construction traffic movements will be kept to a minimum.

Where possible, materials will be delivered to the satellite compounds and delivered to the area in question on a just in time basis.



## When will the haul road be in place?

Construction works will be undertaken from June 2022 – June 2023

\* If works are completed ahead of programme then access track will be re-instated asap.





# Access Track Materials



Terraforma Matting



Acoustic Barriers



Heras Fencing



String Lighting



# Site access/egress on South Meadow Lane





# South Meadow Lane Compound Location

April 2022 – June 2023





# General Points



## Security

CCTV will be installed throughout the scheme and a security guard will patrol the entire scheme at regular intervals throughout the night.

## Property Surveys

Any properties identified as being in close proximity to the works will be subject to a full and proper visual survey:

- prior to any works being undertaken
- AND after the works have been completed

## Signage

Appropriate, clear and concise signage shall be erected within the area prior to works commencing to ensure the public are supplied with prior warning and suitable directions.

# Areas to highlight: Scheme design

- In line with what public wanted in terms of height and finish
- Construction of defences
- Inclusion of glass panels
- Areas 3-5





# Riverside visualisation

## Looking downstream from Ribble Cottage to Miller Gardens apartments



New flood wall and paladin fence along BAC boundary; flood wall is 1.3m high; fence is 2.5m high to reduce risk of ball strike to path users.

Existing two-level path layout retained.

New double-leaf floodgate positioned on either side of path. Gates to remain open during normal times as shown in this view. Gates recessed between two pillars to prevent posing a risk to path users and provide a good finish.



Visualisation

New flood wall and glass panel along the riverfront to replace existing wall. Pre-cast pillars used to manage changes in wall direction.

New street furniture and signage to replace existing. Existing path, where disturbed by the works, reinstated with tarmac. Existing vegetation reinstated along edge of path.



Existing view



# Areas to highlight: Scheme design



- Heavy acid etch, smooth, buff finish to compliment structures
- 4 flood gates





# Bank stability



Examples of recessed blocks after planting has established



- Bank stability
- Will 'green up' over time
- Cobblestone finish and planting recess in each block



# Updates and contact

- [www.thefloodhub.co.uk/psr](http://www.thefloodhub.co.uk/psr): developments regarding disruption to your local area and regular downloadable newsletters.
- Social media though @EnvAgencyNW
- For any queries or to sign up to receive important updates, email: [psr@environment-agency.gov.uk](mailto:psr@environment-agency.gov.uk)