

Bewdley Left Bank Flood Risk Management Scheme

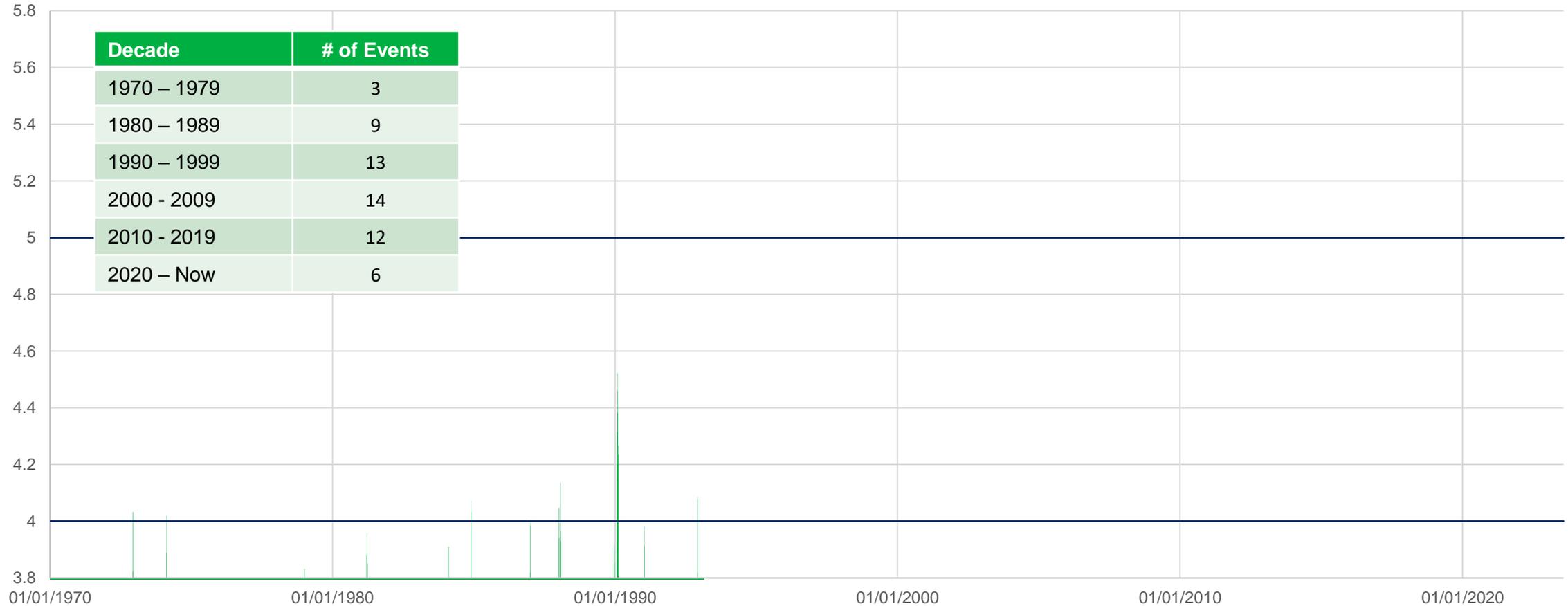
Anthony Perry
Operations Manager



Who are we and
what is our role?

History of Flooding at Bewdley

Historic River Levels exceeded 3.8mASD at Bewdley River Guage



Flooding on Severnside

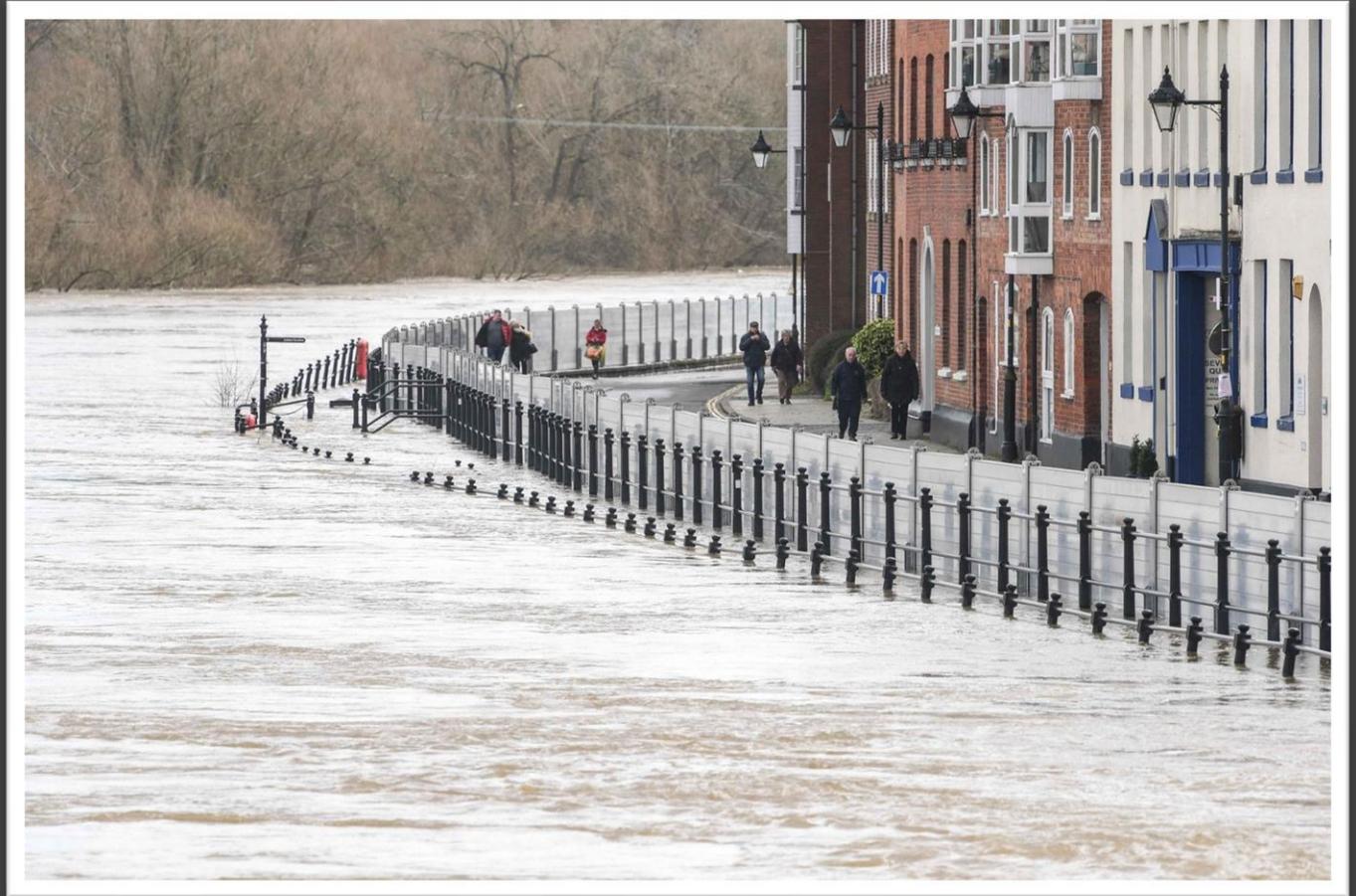


Construction



Scheme Completion

Severnside Completed 2006
Operated 26 times since 2006



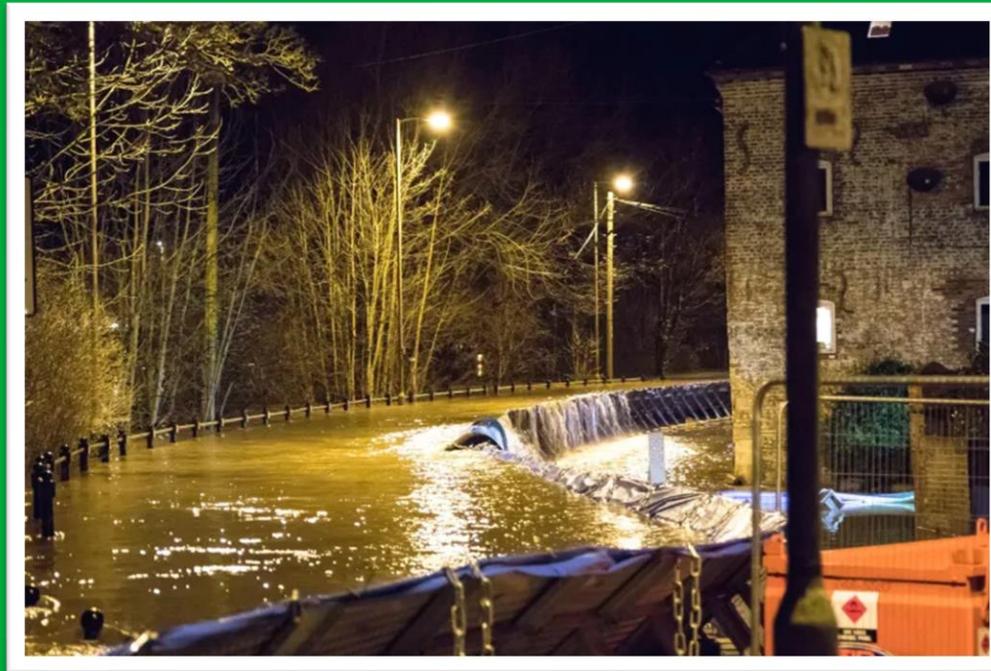
Flooding on Kidderminster and Stourport Road



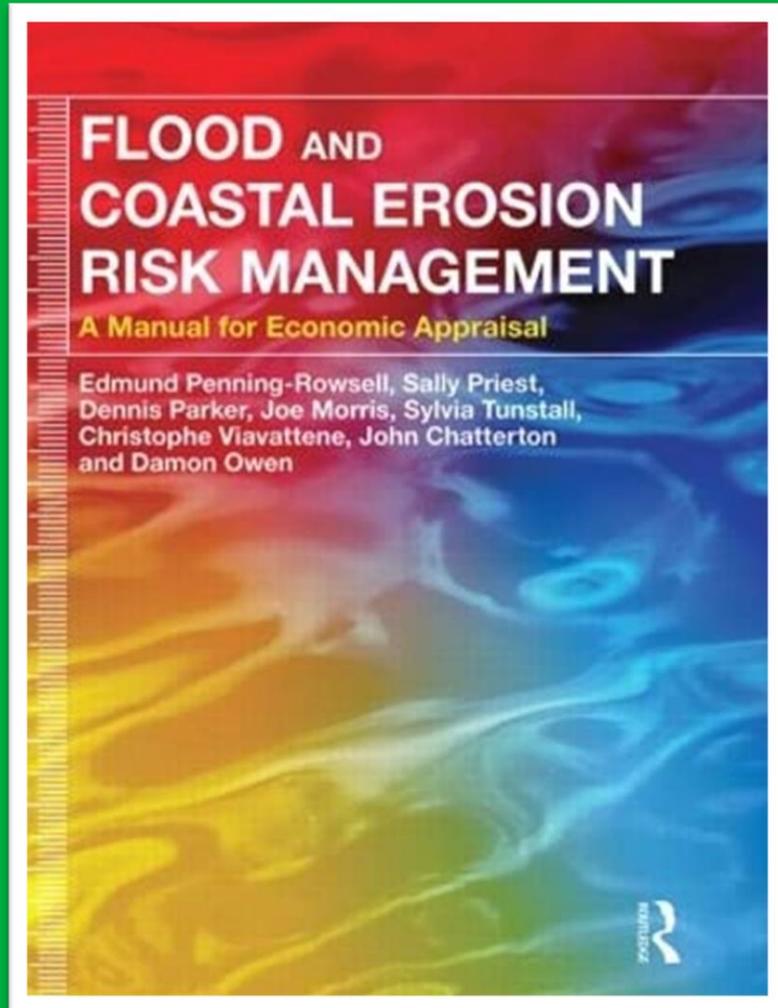
Temporary Barrier Trial



- First Deployment 2006
- Operated 26 Times
- Consultation on Withdrawal in 2014
- Outflanked in 2020 & 2021 and Breached in 2020
- Lower Standard of Protection than Severnside



Funding for flood risk management schemes



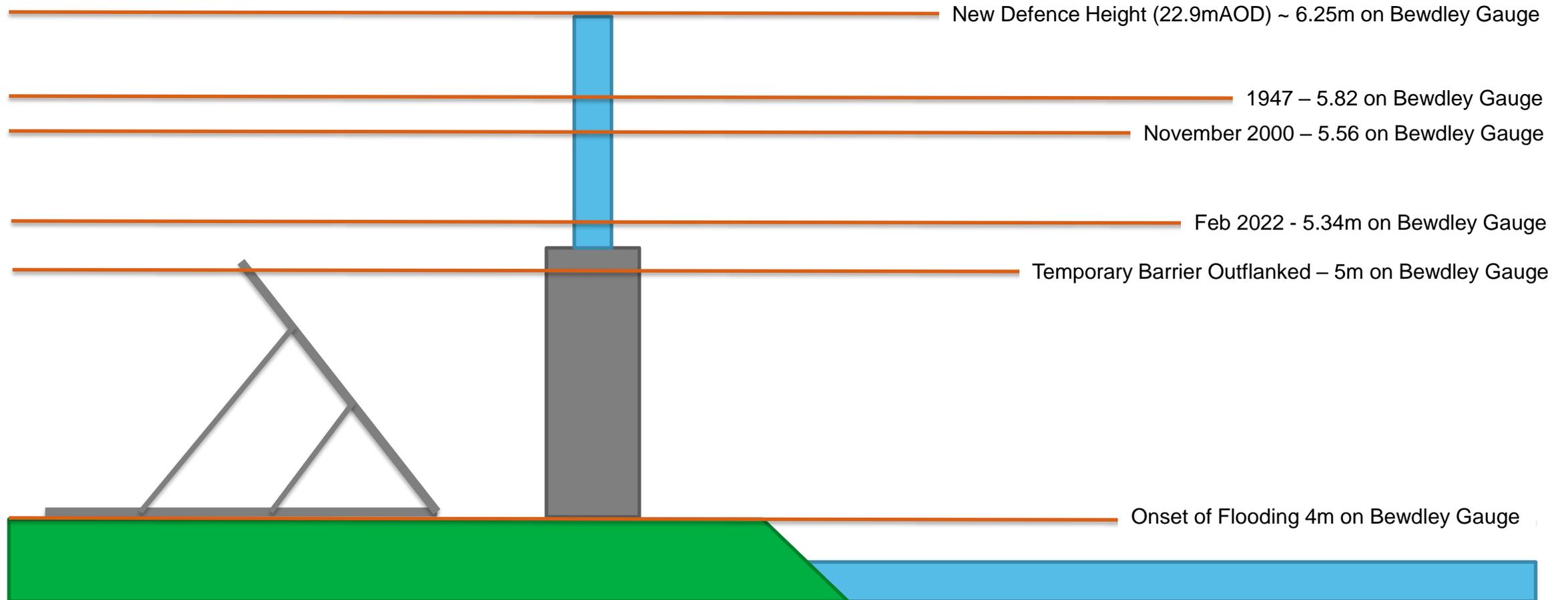
Factors included in Assessment

- Impact on Residential Properties
- Impact on Non-residential Properties
- Indirect Losses (Lost Work Days)
- Vehicle damages
- Relocation costs
- Emergency Services Costs
- Mental Health Impacts
- Risk to Life
- Intangible impact (Impact on Tourism)
- Impact to property access
- Traffic disruption
- Road closure costs
- Educational losses

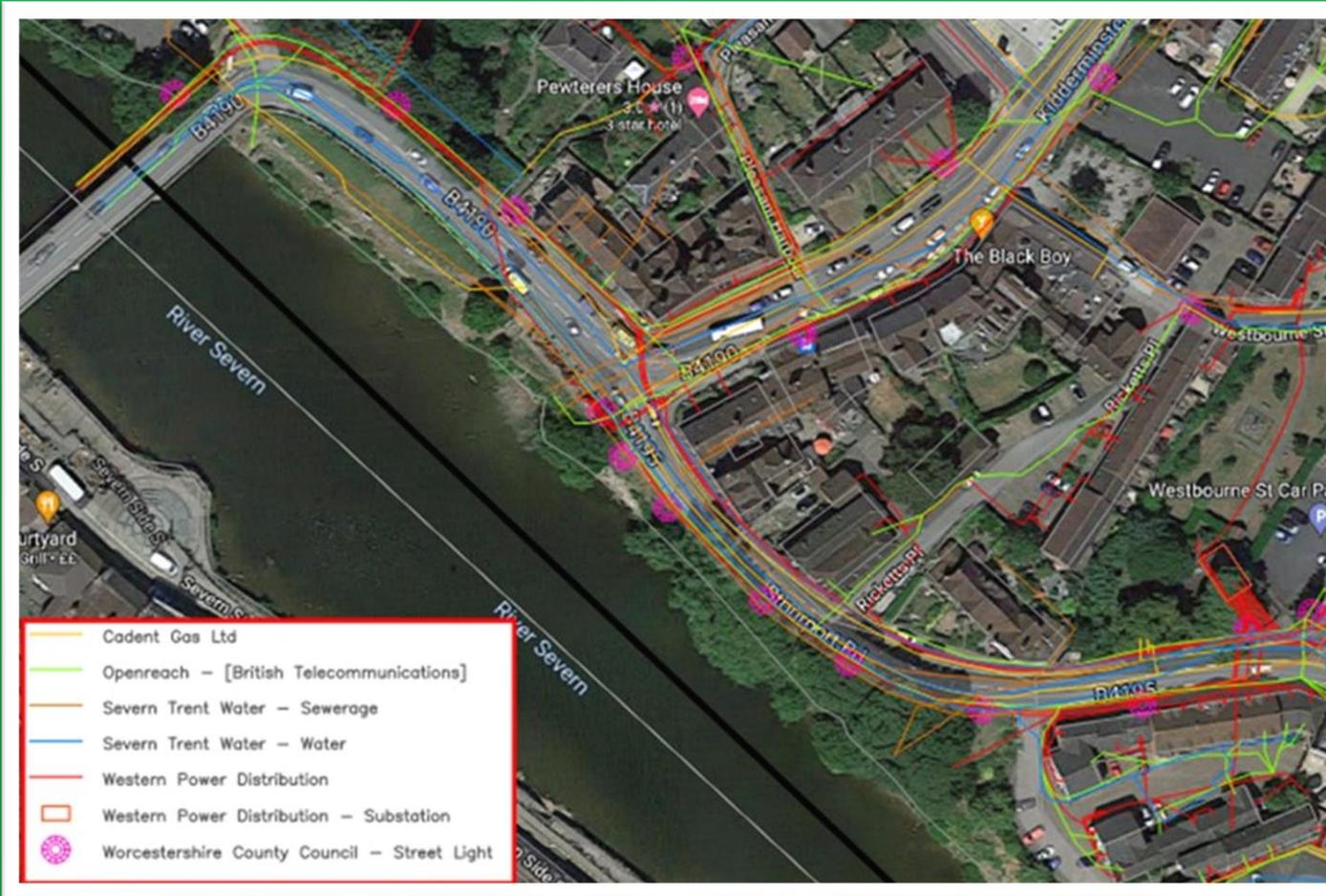
Proposed Scheme



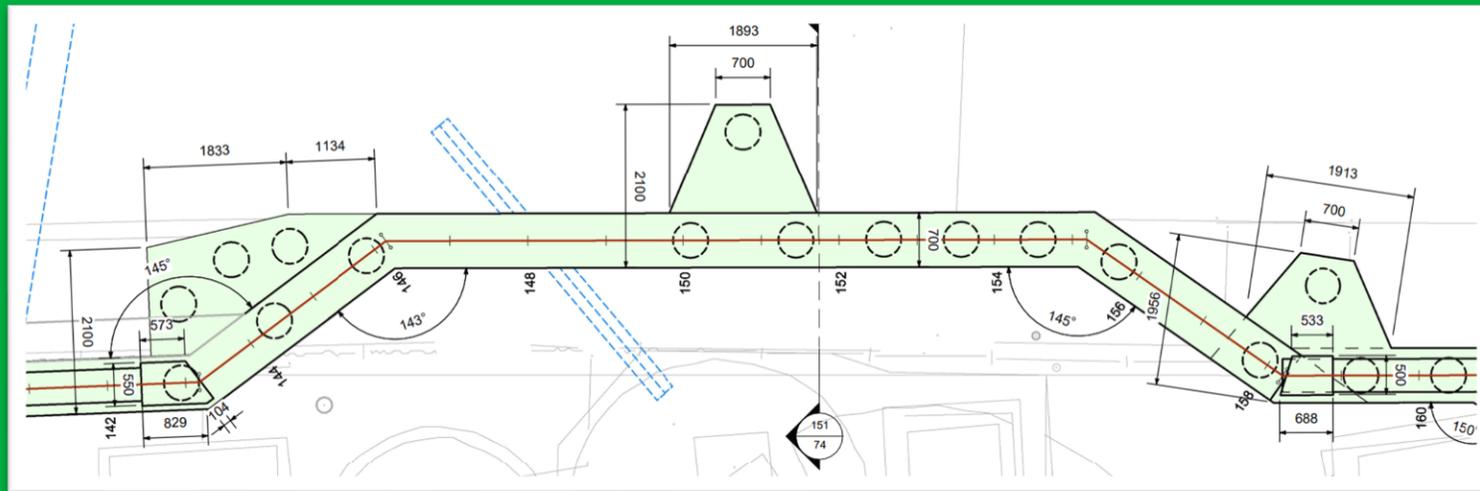
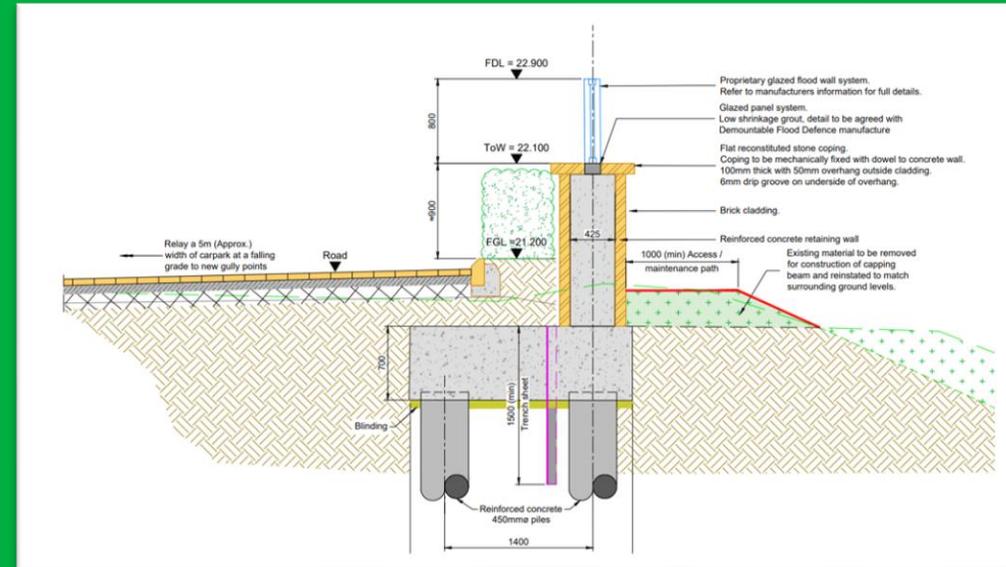
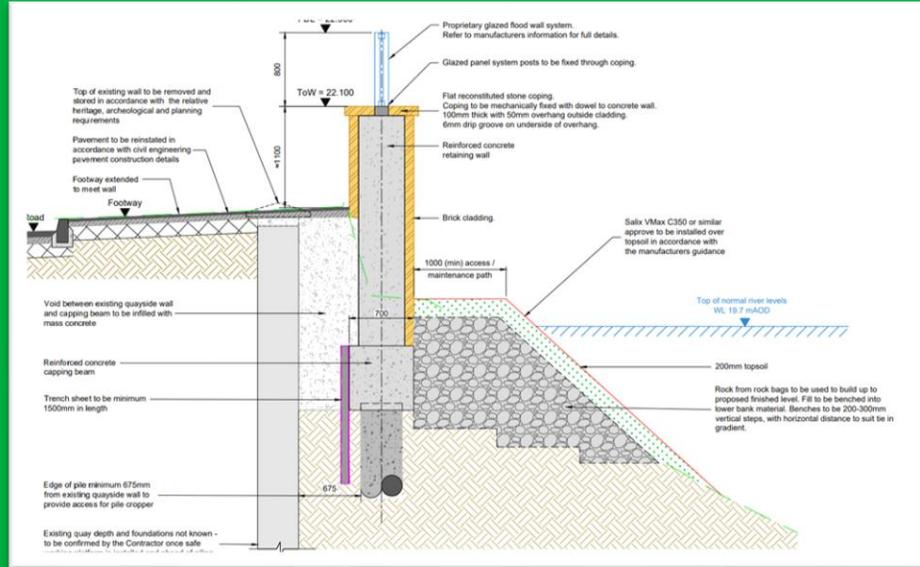
Increasing the Standard of Protection



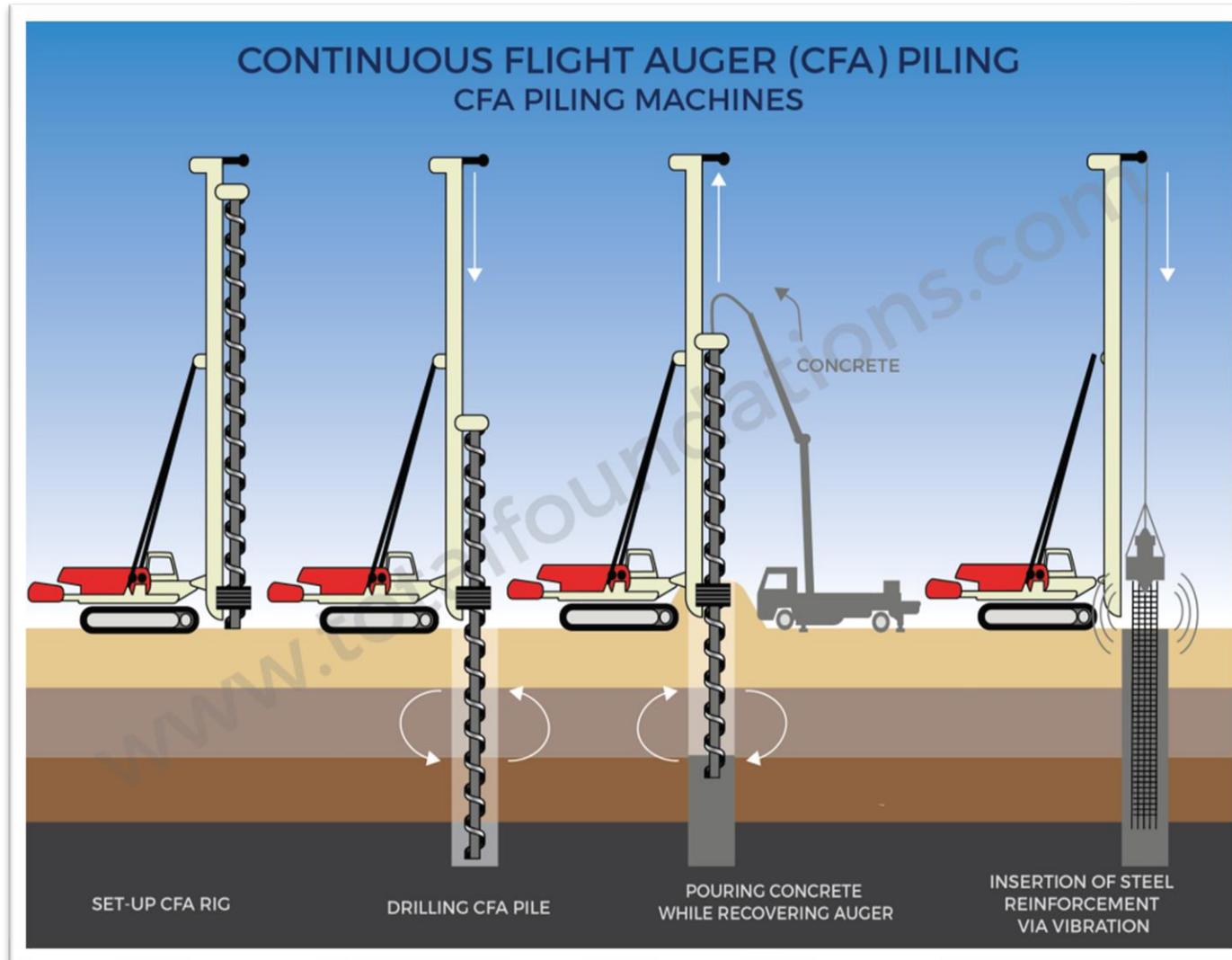
Construction challenges -Buried Services



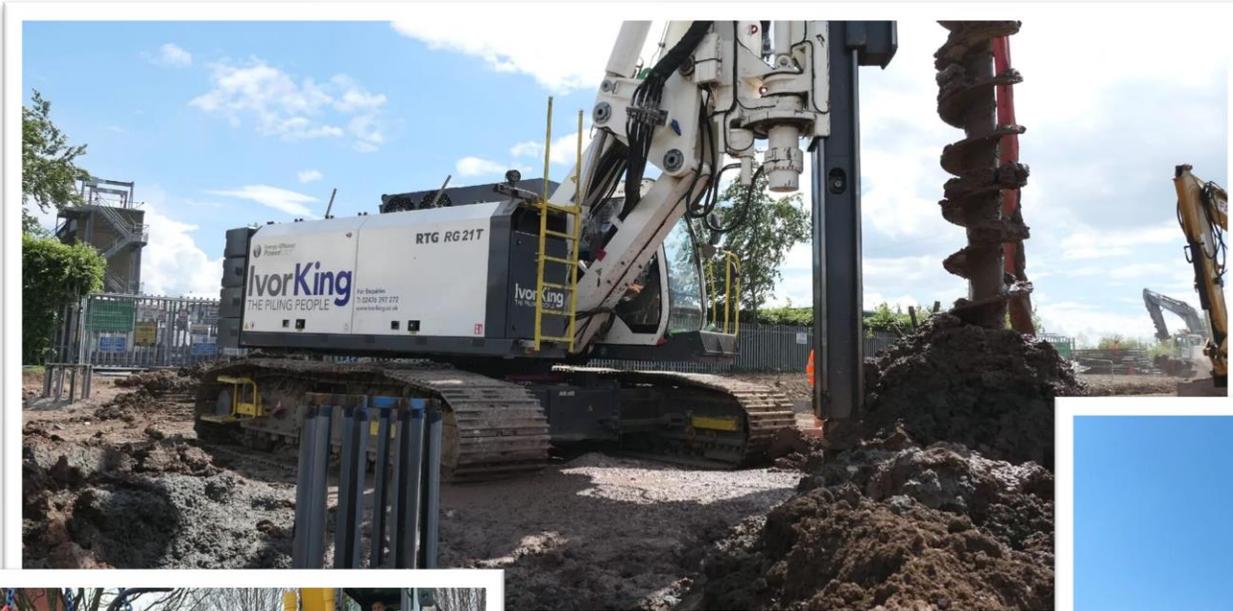
Complex Piling



Construction - Piling



Construction - Piling



Construction – Reinforcement Fixing

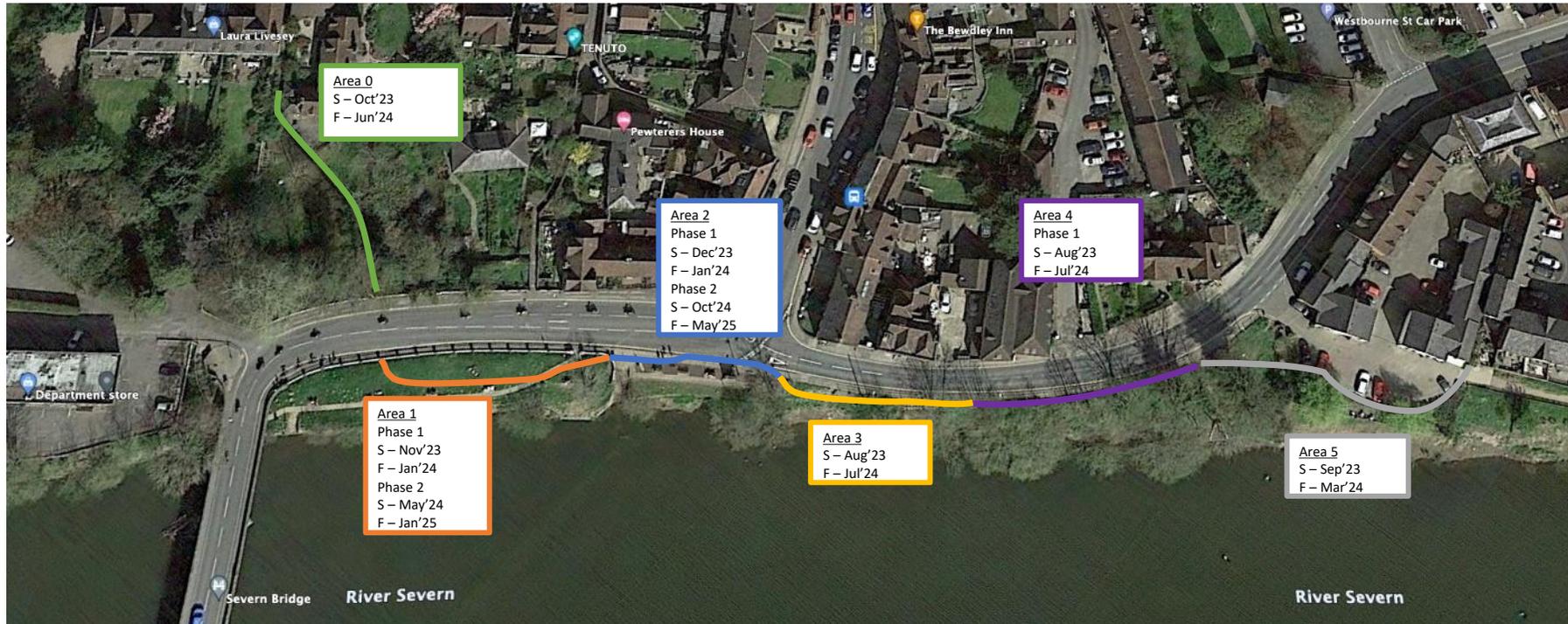


Construction - Formwork



Construction - Concreting





	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	
Site Establishment	Start		Finish																								
Area 0					Start								Finish														
Area 1						Start														Finish							
Area 2							Start																	Finish			
Area 3			Start										Finish														
Area 4			Start										Finish														
Area 5				Start						Finish																	
Site Demob																									Start	Finish	



ISSUED FOR Review		PROJECT TITLE XX Bewdley Flood Elevation Scheme	
REVISIONS Updated to reflect programme update Updated to reflect pricing programme Updated following review		SKETCH TITLE Programme Key Dates	
DATE 14/03/2023	ISSUE 01	DATE 23/06/2023	DATE 23/06/2023
22/06/2023	02	DRAWN O Opong-Yeboah	CHECKED S. Cooper
23/6/2023	03	SKETCH NO. XX028_SK_SC_004	REV 03



Engagement

Engagement Type	Occurrences
Public Engagement	<ul style="list-style-type: none"> • Virtual Drop-Ins (April 22) • Public Drop-ins (Oct 22, August 23, June 23) • Letter Drops • Planning • Resident Update Meeting – October 22 & March 23 • Millside Court – Options Review – June 23
Councillors & MP's	<ul style="list-style-type: none"> • Frequent Councillor Updates – Last update June 23 • Millside Court – Options Review – June 23
Partners	<ul style="list-style-type: none"> • All Partners - 7th October 22 • WCC – Transport Options/Impacts - Dec 22 • WFDC & Historic England - Planning & Heritage – September 22 • Bewdley Town Council – May 23 • Bi Weekly Meeting – Worcester County Highways from 2nd May 22 • STW – Regular Meetings & Ongoing
Landowners	<ul style="list-style-type: none"> • Ongoing Since early 2022
Publicity	<ul style="list-style-type: none"> • Citizen Space • Newsletters Published March 21, July 21, December 21, July 22, December 22, June 23, July 23 • Updates issued via Town Council

Engagement

Environment Agency Update
Beales Corner, Bewdley

During August 2023, work will continue on the Beales Corner Flood Risk Management Scheme in Bewdley. The planning documents for the scheme can be found here: [22/1034/FUL](#)

UPCOMING KEY ACTIVITIES

Monday 7 August 2023 - Construction of the temporary working platform on the River Severn:

The Stourport Road will be closed from Monday 7 August 2023 to allow for a temporary working platform to be constructed as well as the establishment of the main construction area.

Access to Millside Court will be kept whilst the working platform is constructed and any necessary lane closures will have taken place with any impacted residents.



Map showing temporary working platform and area being closed.

www.gov.uk/environment-agency

Environment Agency

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Search



Beales Corner, Bewdley, Flood Risk Management Scheme

Overview

Page created February 2021. Last updated 2 August 2023.



Urgent Project Update

2 August 2023

There are a number of key activities happening in the coming months



Planning

- Historic England
- WCC Highways Authority,
- WFDC Countryside and Parks Manager
- Canal and River Trust
- WFDC Arboricultural Officer
- WFDC Conservation Officer
- Bewdley Civic Society
- Parish Council
- North Worcestershire Water Management
- WCC Archive and Archaeology Service
- Wider Public

The screenshot shows the Wyre Forest District Council website. At the top left is the council's logo and name. A navigation bar includes a search field, 'My Profile', 'Login', and 'Register' links. The main heading is 'Planning – Application Summary' with a 'Help with this page' link. Below this is the application title: '22/1034/FUL | Proposed works to Grade I Listed Severn Bridge, Grade II Listed Quay Wall and Grade II Listed Pleasant Harbour associated with flood risk management scheme. | Quayside At Os 378830 275380 Stourport Road Bewdley Worcestershire'. There are 'Track' and 'Print' buttons. A navigation menu shows 'Details' (selected), 'Comments (7)', 'Constraints (15)', 'Documents (30)', 'Related Cases (4)', and 'Map'. Under 'Details', there are sub-tabs for 'Summary', 'Further Information', 'Contacts', and 'Important Dates'. A table displays the following information:

Reference	22/1034/FUL
Alternative Reference	PP-11770706
Application Received	Wed 28 Dec 2022
Application Validated	Tue 03 Jan 2023
Address	Quayside At Os 378830 275380 Stourport Road Bewdley Worcestershire
Proposal	Proposed works to Grade I Listed Severn Bridge, Grade II Listed Quay Wall and Grade II Listed Pleasant Harbour associated with flood risk management scheme.
Status	Approved
Decision	Approved

Transport Assessment

It is expected that traffic wishing to access the B4195 from the B4190 will be diverted via Westbourne Street as shown in Figure 18. Users approaching from the A456 will be notified of the through-route closure at the B4195/A456 junction and can then follow the signposted diversion for the A4190 inbound lane if they wish to access central Bewdley.



Figure 15: B4190 Closure Proposals (map base © Google, 2022)

Figure 16: B4190 Diversion Proposals

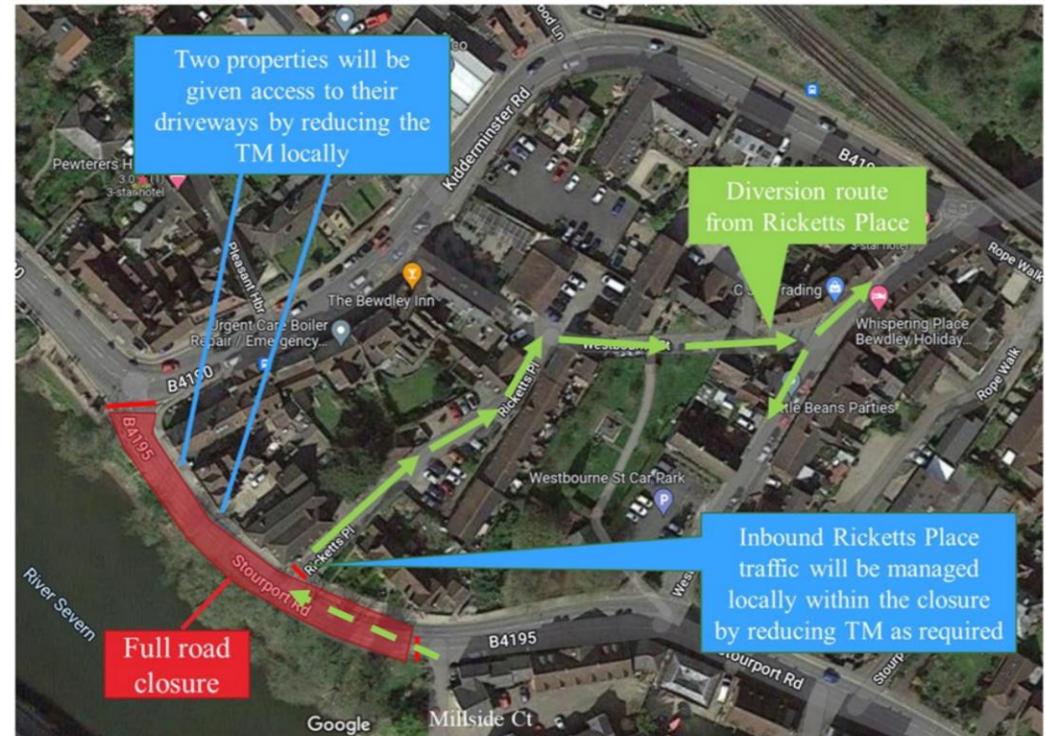
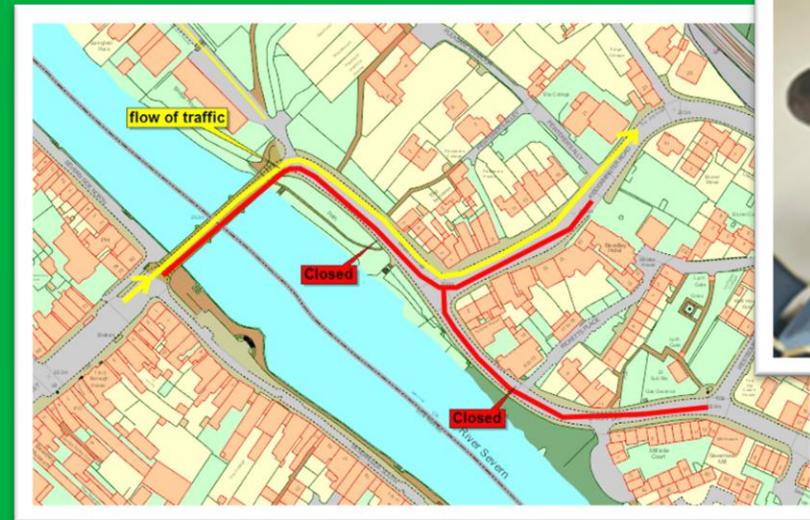
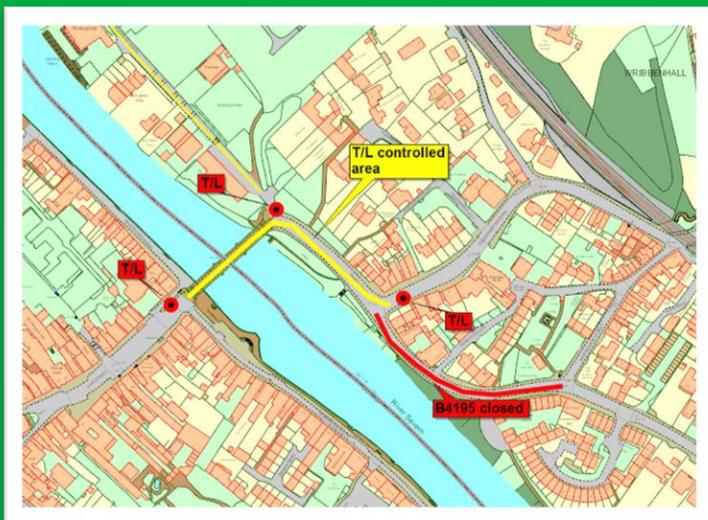


Figure 17: B4195 Closure and Diversion Proposals

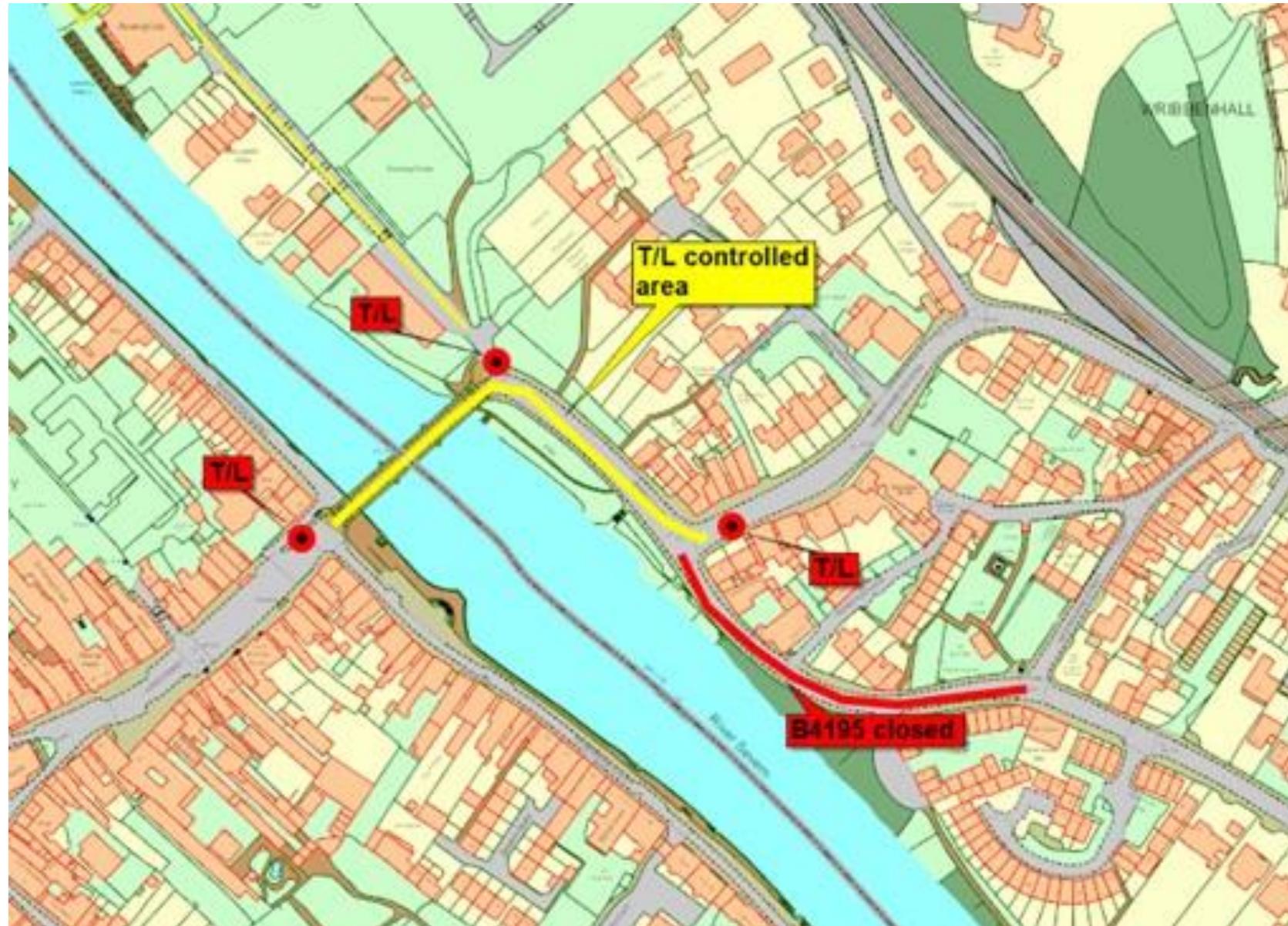
Managing the Disruption



Traffic Options

Jon Fraser – Highways
Worcestershire County Council

Traffic Light Option



One way into town



Questions and thoughts?