

Nottingham Flood Risk Management Schemes



Paul Lockhart
Flood Risk Management

Nottingham Flood Risk Management Schemes



WHY now?

WHAT are we planning?

When will it happen?

How will we do it?

Flooding History - 1947



Arkwright Street - 1947 floods

Flooding History - 2000



Agency Offices - 2000 floods

River Trent Fluvial Strategy



Draft Strategic Appraisal Report

Main Report

Authority Scheme Reference G1009

DEFRA CPW/LDW
Number

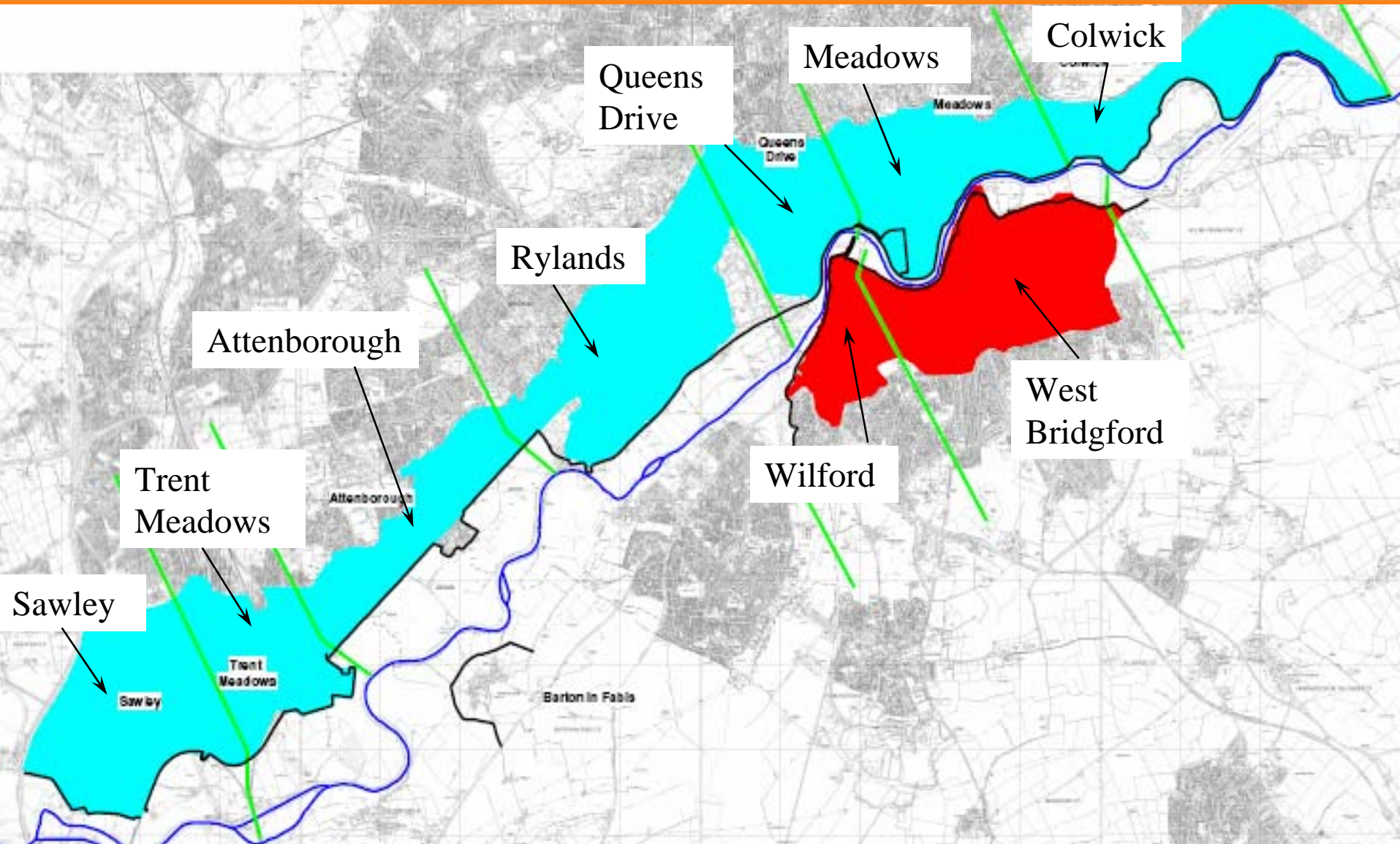
Promoting
Authority Environment Agency
Midlands Region

Scheme Name Fluvial Trent Strategy



- High level review of the Trent Catchment.
- Considered problem areas.
- Considered numerous options and discounted extremes.
- Recommended some for further investigation.

Nottingham Strategy



Nottingham Strategy

- **Current defences built in the 1950s**
 - Reaching end of design life
 - Protect to a lower standard than recommended by Defra

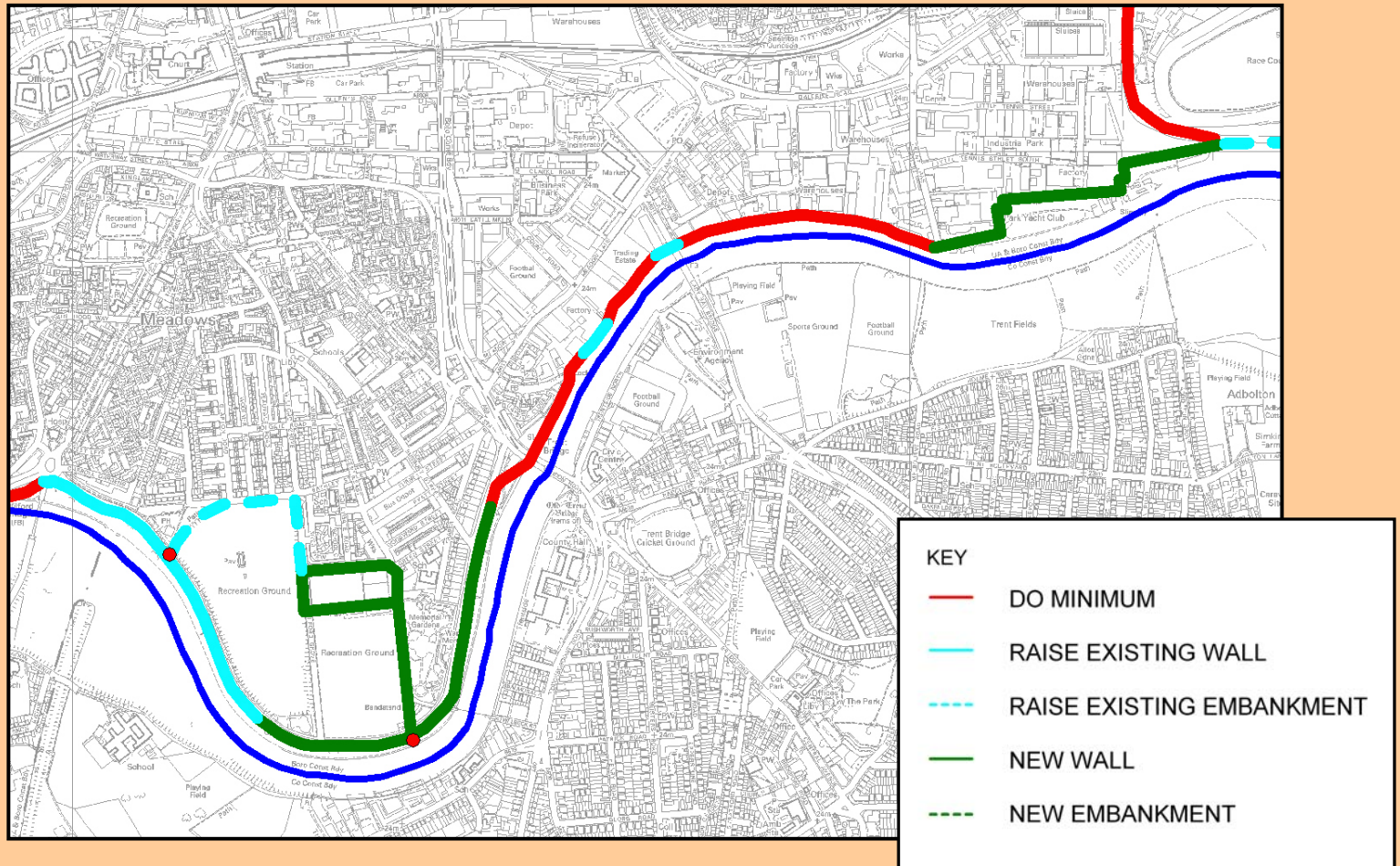


1947 floods, Bosworth Road Shop

What are we doing?

- Raising existing defences by between 0.5m and 1.0m
- Constructing new defences
 - walls
 - embankments

Meadows



Who Pays for it?

- Central block Grant from Defra to the EA
- Schemes then bid for a slice of the 'pot'
- Internal prioritisation based on a scoring system
- Central Government Funding

What else have we considered?

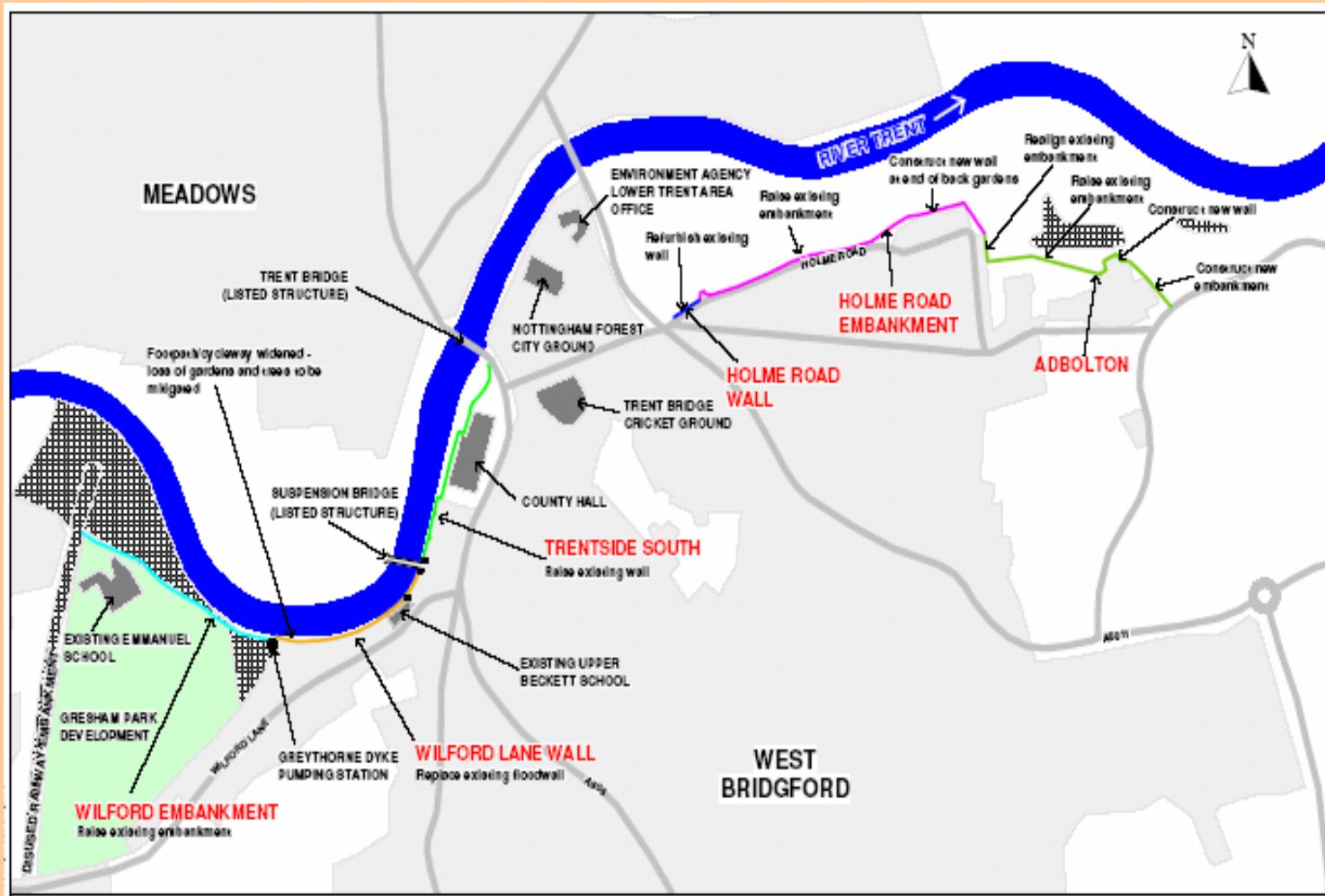
- Dredging
- Flood storage
- Bypass channel
- Removing weirs
- Managed realignment
- River reprofiling

Programme

- Detailed Design start
 - ▶ Now
- Construction Start
 - ▶ Spring 2007
- Scheme complete
 - ▶ Autumn 2010



West Bridgford Flood Risk Management Scheme



West Bridgford Flood Risk Management Scheme



West Bridgford Flood Risk Management Scheme



Summary

Figures

- 30 Km of defences
- Protecting 22,000 Homes
- £64 Million combined cost
- 4 years to build



Nottingham Trent Left Bank Flood Risk Management Scheme



Andy Disney
Development Control



Changing Planning policies

PPG25 - Current Guidance on Development and Flood Risk, due to be replaced in October 2006 by PPS25.

- Main changes expected:
 - Extreme flood – 1 in 1000 yr FZ 2
 - Climate Change – lifetime of development 50 years
 - Exception Test
 - Development behind flood defences
 - Statutory Consultee on flood risk matters

Development behind Defences

- Pre-Scheme -
- Post Scheme -

Appropriate Development

Promotion of SFRA's to identify areas of appropriate development

Funding

DEFRA Funding v ODPM (DCLG)

Any Questions?

