

# 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

DEFRA CPW/LDW  
Number

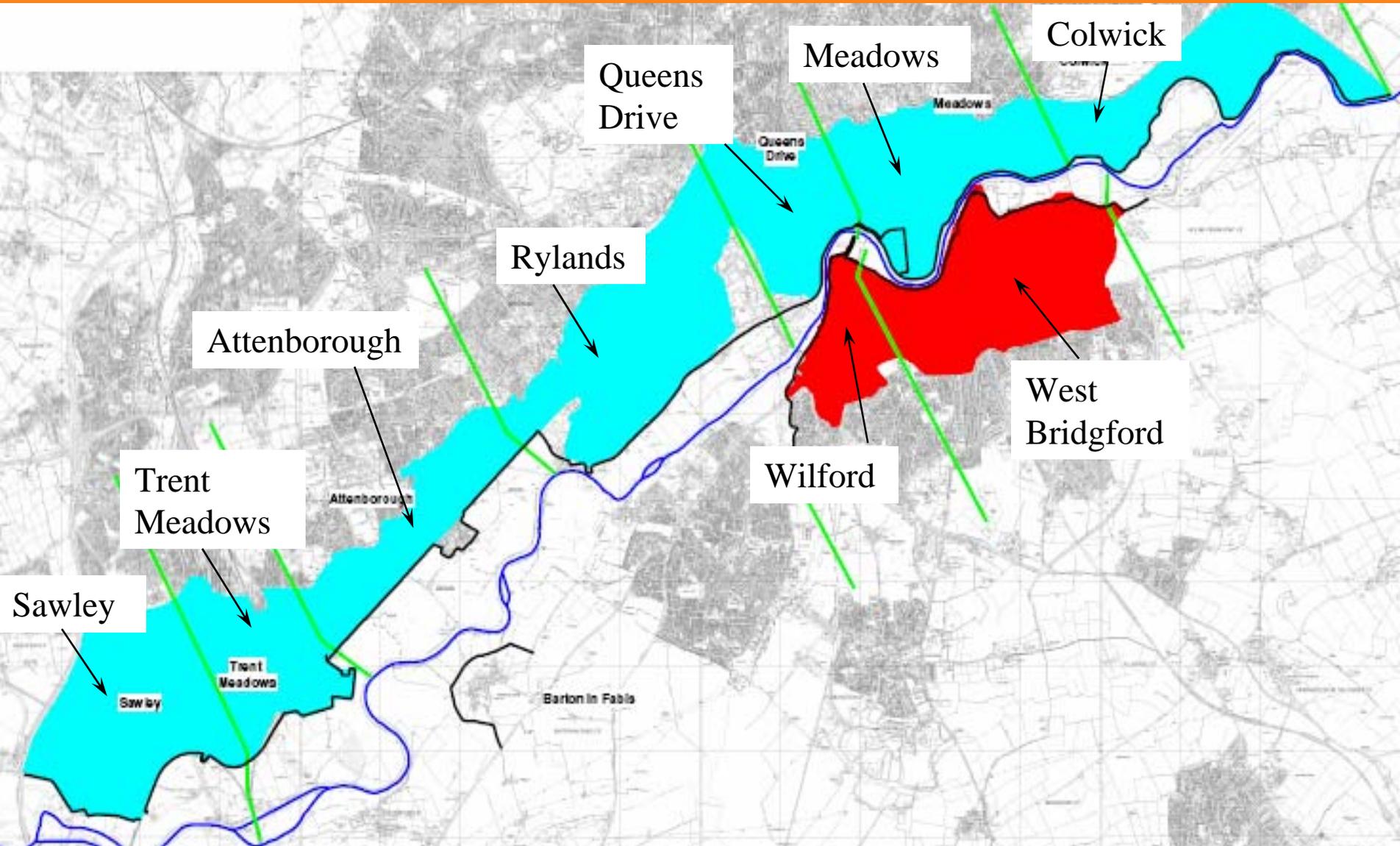
Promoting  
Authority

Scheme Name



- 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

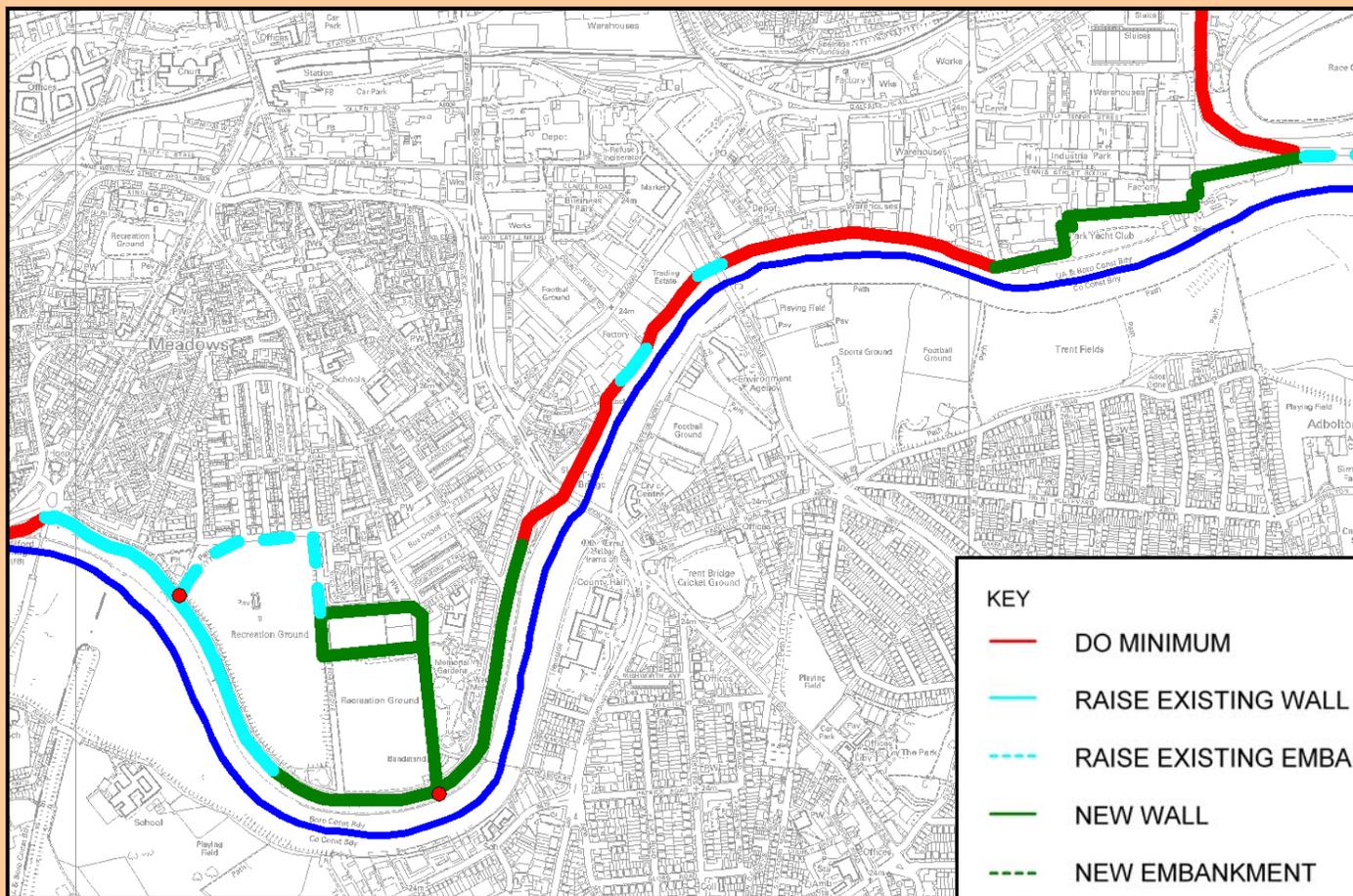


1947 floods, Bosworth Road Shop

# 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?

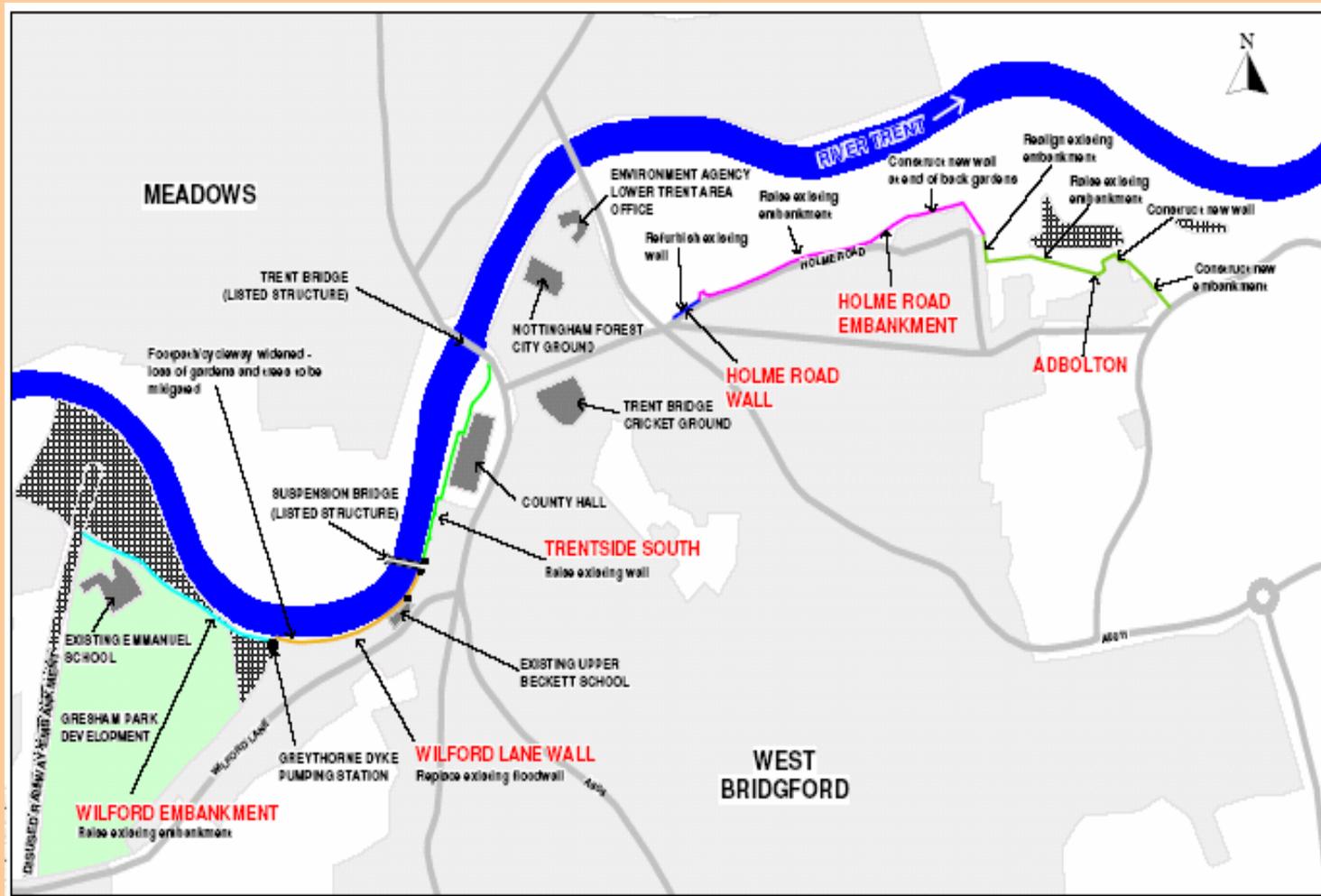
- Dredging
- Flood storage
- Bypass channel
- Removing weirs
- Managed realignment
- River reprofiling

# Programme

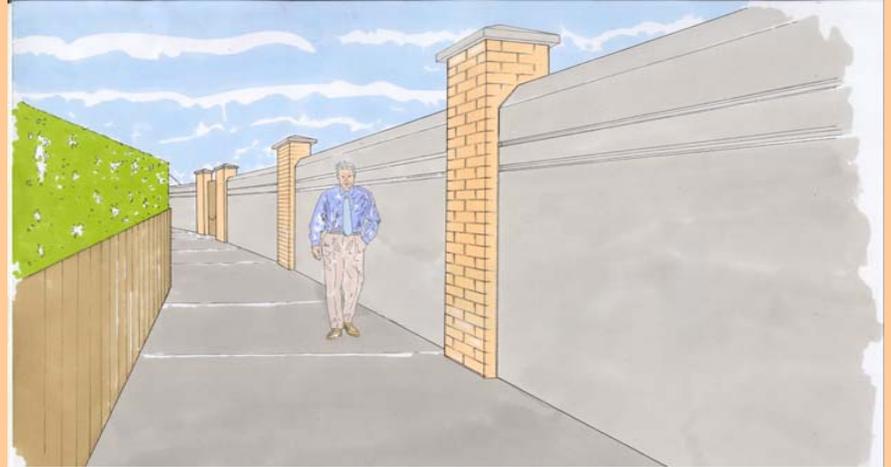
- Detailed Design start
  - ▶ Now
- Construction Start
  - ▶ Spring 2007
- Scheme complete
  - ▶ Autumn 2010



# 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?

