



Blackpool Council

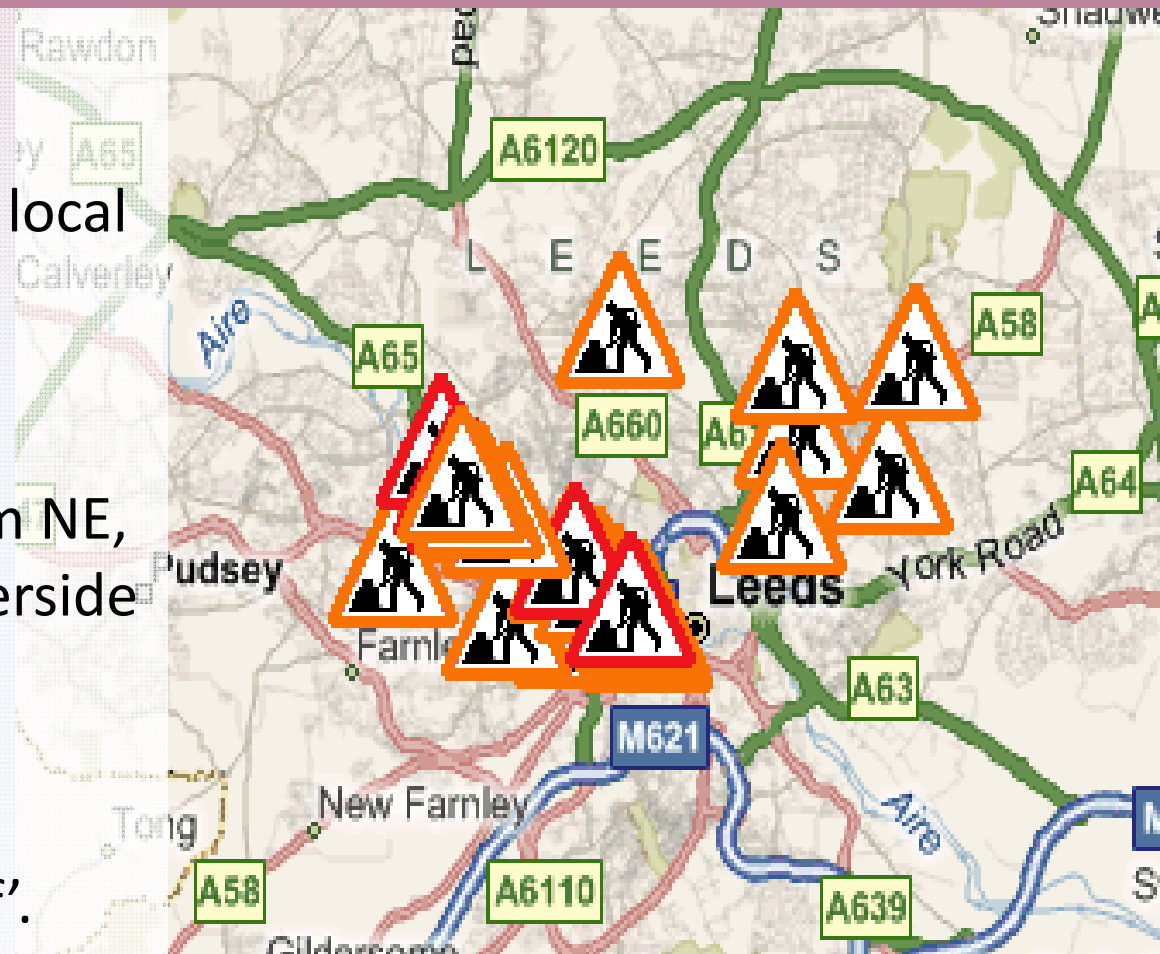
BUILDING A BETTER COMMUNITY FOR ALL

# RoadExplorerUK

A free to use information service available to all UK local authorities

Commitment for trial from NE, NW, Yorkshire and Humberside Traffic Managers

A platform for 'other stuff'.





**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL



# ABC of Highways Asset Management

Will Britain



## In 4 Years time.....

- no Backlog
- Arrest the decline of the highway network
- all reactive maintenance will be on a proactive and planned basis.
- Drastically reduced tripping claims
- Blackpool will have completed Phase 1 of a programme which will save the authority £100 Million over the next 25 years



**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# Deteriorating Transport Networks?







## 2006 – Airport sale



- No Asset Register
- Condition surveys inconsistent
- No valuation
- Technological disconnect
- No confidence in management reports
- Difficult to argue case for budgets.



Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# Acceptance



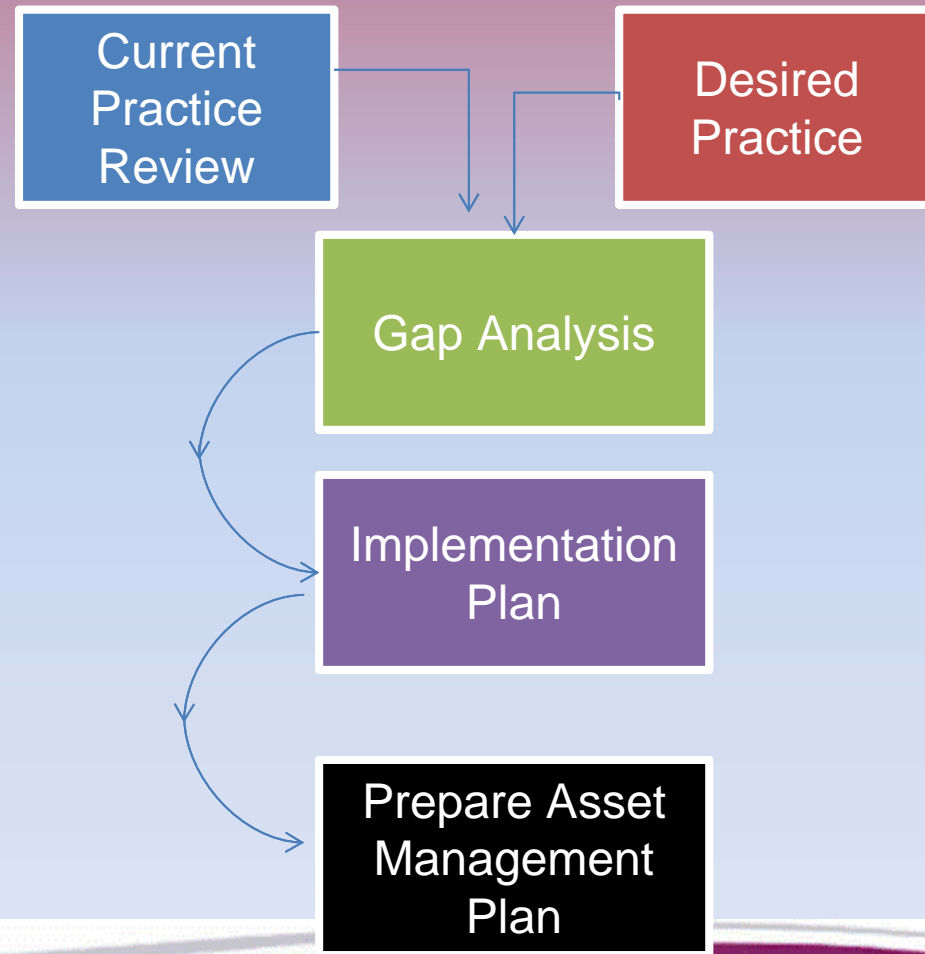
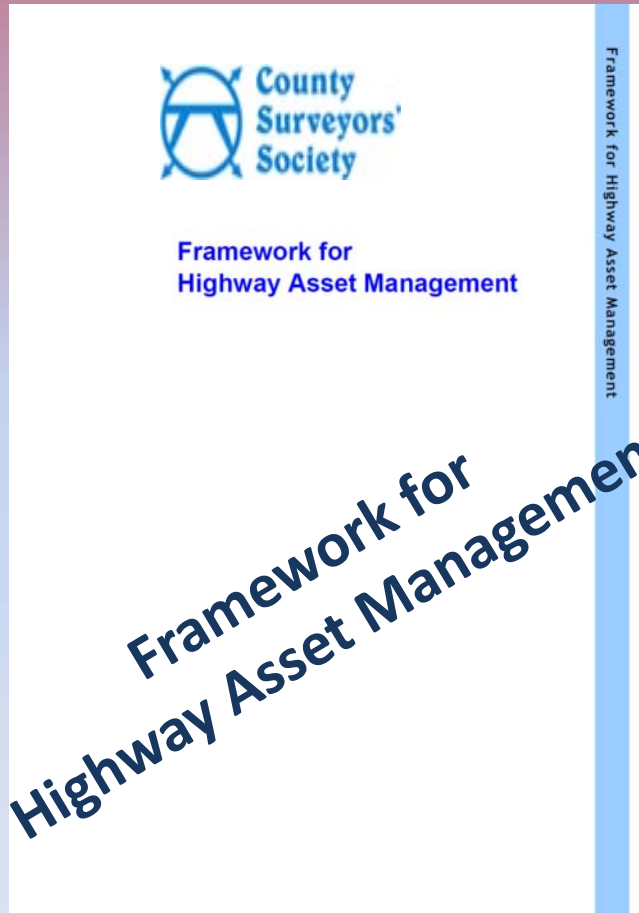
Recognising the  
problem is the  
best starting point



**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# The Recovery Plan





Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# Progress prior to HAMP



- Unlocking the value of data - GRP
- Asset Register – Systems thinking
- Local condition surveys
- Trial Valuations
- Deterioration models
- Element 2 Funding.





Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

I shall say  
this only  
once



## Using the Right Language

- Make the case for the asset based on social impact
- Clear and easy to understand Service levels that underpin the community Goals and aspirations for the town
- Sound business case evidenced with strong financial management information.



# HAMP

## **SPEND THE**

- **RIGHT AMOUNT OF FUNDING**
- **IN THE RIGHT PLACE**
- **AT THE RIGHT TIME.**

- Produced the first HAMP
- Consulted Elected Members
- Headline figures
- Produced HM Strategy.



# HAMP Steps

Step 1

- What are we trying to achieve

Step 2

- What have we got?

Step 3

- What state is it in?

Step 4

- What is it worth?

Step 5

- What do we want it to look like

Step 6

- How will we put it into action

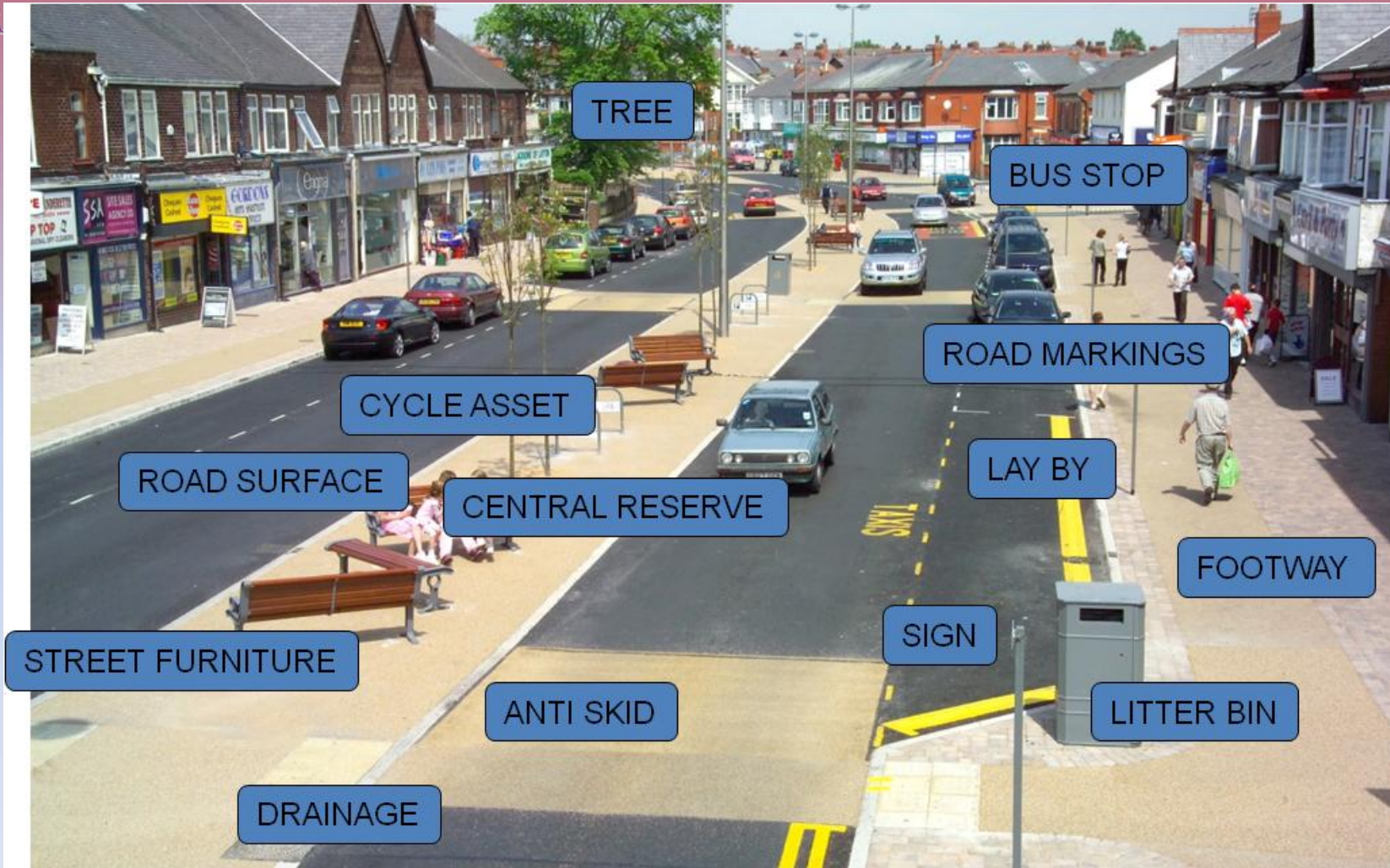
Step 7

- How will we measure our success.





# Other Assets







**Blackpool Council**

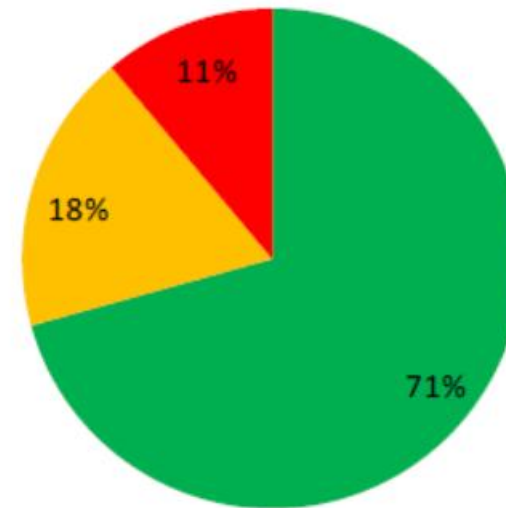
BUILDING A BETTER COMMUNITY FOR ALL

# What State is it in?



## % Condition grade

■ GREEN ■ AMBER ■ RED

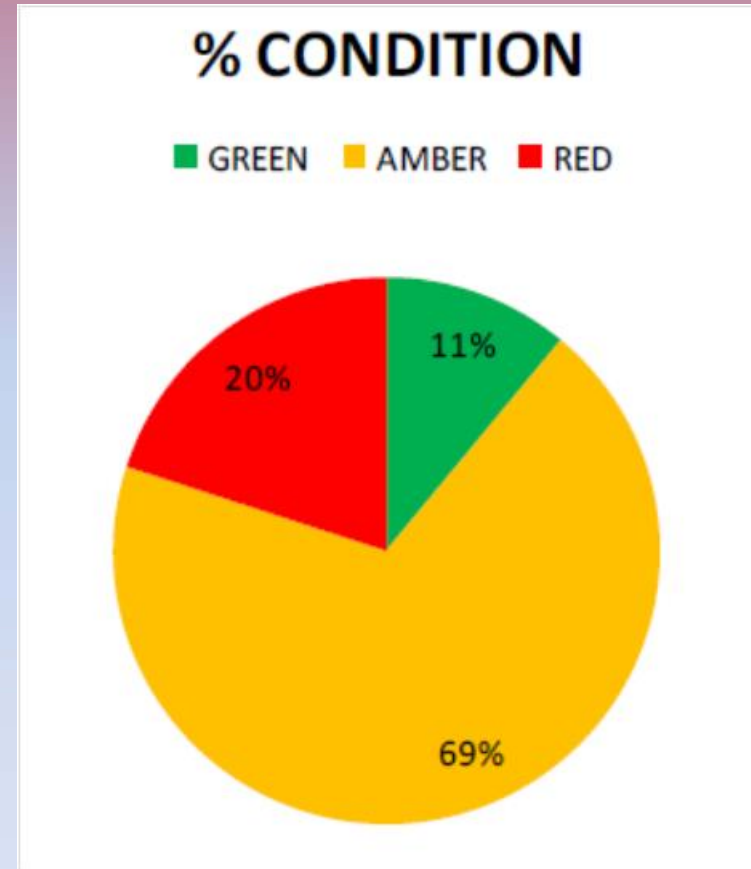




**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# What state is it in?





Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# RED







**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# Deterioration at current investment in 5 years



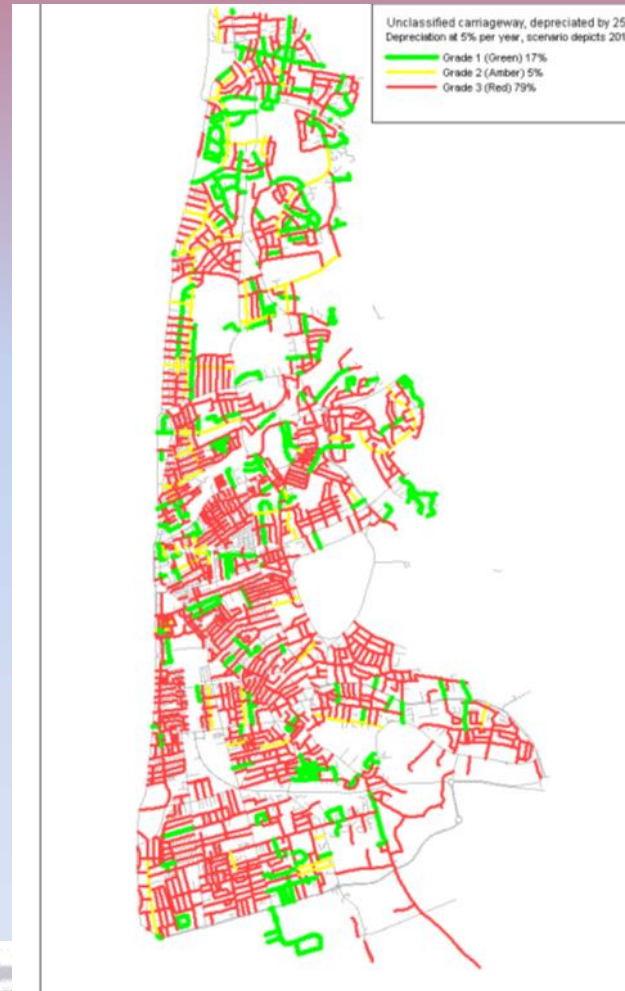




Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# Deterioration at current investment in 5 years



# Well Understood

- More disruption
- Loss of trade
- Less attractive to developers
- Impact on regeneration
- More accidents
- More congestion
- Politically unpopular
- Less reactive maintenance
- Right sized budgets required.







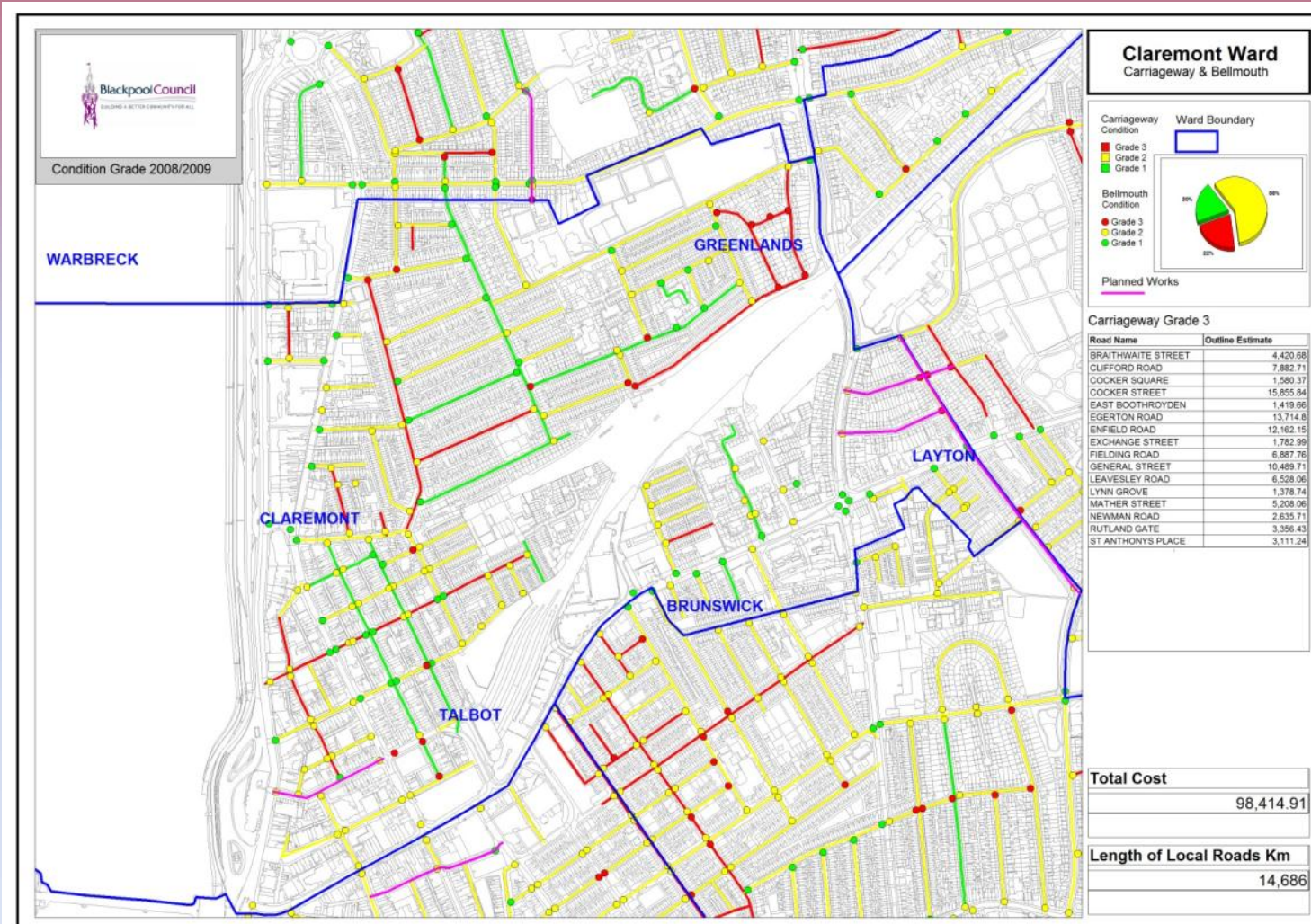
**HAMP – keep it simple**

## Service Levels

1. Manage and improve the condition of the residential network to maintain the current condition of the Strategic network
2. Manage the decline of the residential network
3. Manage the decline of the residential network
4. Reduce compensation claims from accidents.



# Powerful stuff !







Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# The Social Network



**“Better  
outcomes for  
the Citizen”**

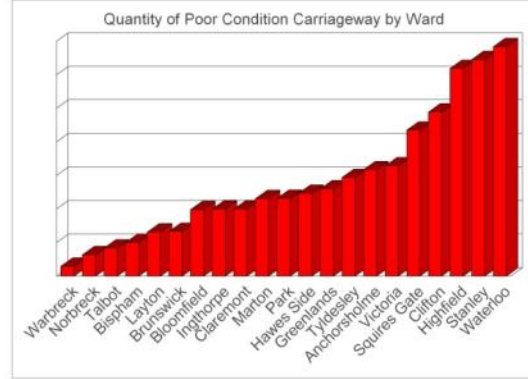
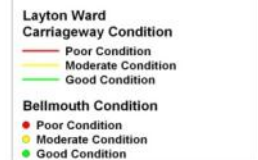
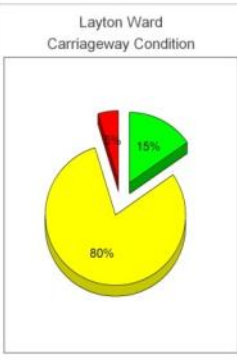
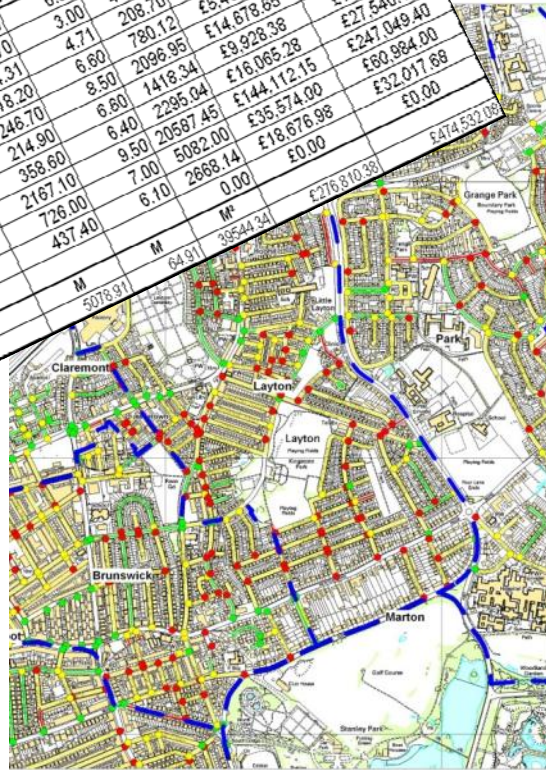


- Social Impact
- Ability to defend highway maintenance policy
- Ability to target limited funding in the right place at the right time.



# Member Funding

ID	Date Raised	Location	Raised By	Ward	Date Responded	Length (M)	Width (M)	Area (M <sup>2</sup> )	Estimated Cost OnWorks (@ £7 per M <sup>2</sup> )	Estimated Cost OnWorks (@ £12 per M <sup>2</sup> )
1	20100414	Greenwood Avenue	Cllr Jim Price	Tyldesley		603.00	6.50	3919.50	£27,436.50	£47,034.00
2	20100412	Broad Oak Lane	Cllr Houldsworth	Marton		162.70	3.00	488.10	£3,416.70	£5,857.20
3	20100412	Lodge Court	Cllr Mineur	Marton		44.31	4.71	208.70	£1,460.90	£2,504.40
4	20100415	Maxwell Grove	Cllr Mineur	Greenlands		118.20	6.60	780.12	£5,460.84	£9,361.44
5	20100415	Stepford Avenue	Cllr Maxine Callow	Norbreck		246.70	6.80	1418.34	£9,928.38	£25,163.40
6	20100415	Greta Crescent	Cllr S Fowler, Cllr L Henderson	Norbreck		214.90	6.40	2096.95	£14,678.85	£17,020.08
7	20100415	Winchcombe Road	Cllr Green	Highfield		358.60	9.50	2096.04	£18,065.28	£27,540.48
8	20100416	Highfield Road	Cllr Houghton	Squires Gate		2167.10	7.00	5082.00	£35,574.00	£60,984.00
9	20100330	Stony Hill Avenue	Cllr Tony Williams	Anchorsholme		726.00	6.10	2668.14	£18,676.98	£32,017.68
10	20100428	Kylemore Avenue				437.40	0.00	0.00	£0.00	£0.00
11	20100416	Roads in Anchorsholme								
					<b>Total</b>				<b>£76,810.38</b>	<b>£474,532.08</b>

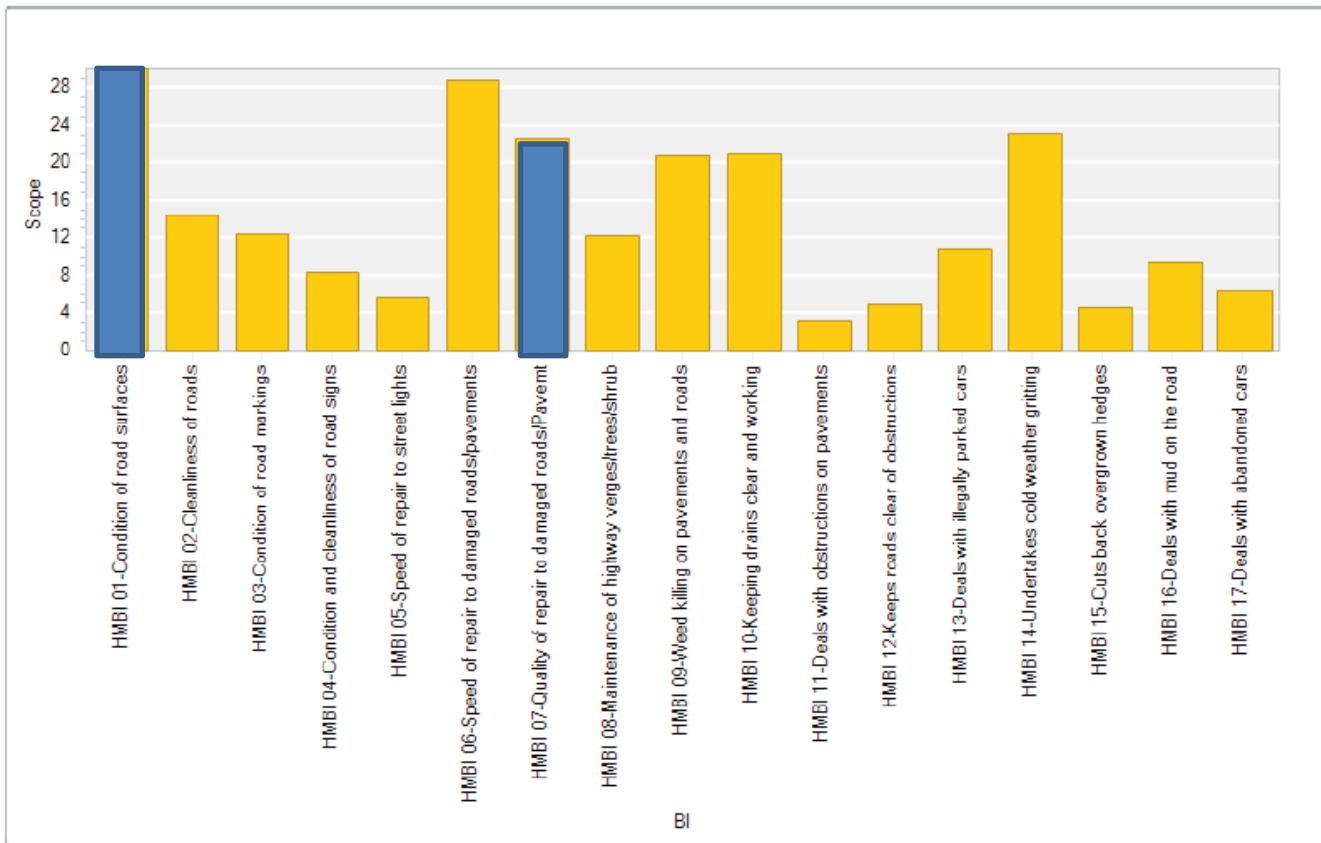






# Purpose – socially unacceptable

SCOPE FOR IMPROVEMENT AGAINST BEST PERFORMER





**Blackpool Council**  
BUILDING A BETTER COMMUNITY FOR ALL

**gaist**

# Geographical Resource Platform

- created new local detailed treatment surveys
- re-defined the highways network
- valued the entire stock
- quantified the exact backlog
- costed everything
- engaged the Elected Members.

The screenshot displays a web-based interface for a Geographical Resource Platform. On the left, there is a search bar with the text "Please enter address to search..." and a "Search" button. Below the search bar is a map showing a street network with various colored overlays (yellow, cyan, green) representing different survey data. A "Tools" menu with a wrench icon is visible in the top right corner of the map area. On the right side, there is a data panel with the following information:

<b>KERB TIED</b>	Not tied => 75mm upstand
<b>KERB WIDTH</b>	Narrow
<b>KERB PROFI</b>	Level
<b>KERB ALIGN</b>	Aligned
<b>TREATMENT</b>	No treatment required
<b>SURVEYED</b>	Yes
<b>LENGTH</b>	9.97
<b>WIDTH</b>	2.6
<b>AREA</b>	25.92
<b>DATE</b>	20081002
<b>FW Report</b>	Surface type is BITUMINOUS. Section is Grade 1 and is As new with 0percent damage. Damage is No damage. There are No util problems. No overriding on the



© Crown copyright and database rights 2011  
Licence number: [illegible] list of Licence numbers





Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# Treatment Surveys CTS, FTS

- footway & carriageway surface types
- footway & carriageway lengths, widths and areas
- condition of the highway (1-5 grading system)
- type of damage to the highway
- utility problems causing defects
- override
- Including kerbs, condition, heights, widths, profiles and alignments.

<b>SURVEYOR</b>	JOHN DENWOOD
<b>CODE</b>	1
<b>COURSE</b>	HRA
<b>LENGTH</b>	140.48
<b>WIDTH</b>	4.6
<b>AREA</b>	646.21
<b>GRADE</b>	4
<b>CONDITION</b>	FUNCTIONALLY IMPAIRED
<b>DAMAGE</b>	CRACKING AND SUBSIDENCE AND REINSTATEMENTS
<b>PROBLEMS</b>	FOUL WATER
<b>TIED</b>	NO
<b>TREATMENT</b>	INLAY

Mode: On 125%



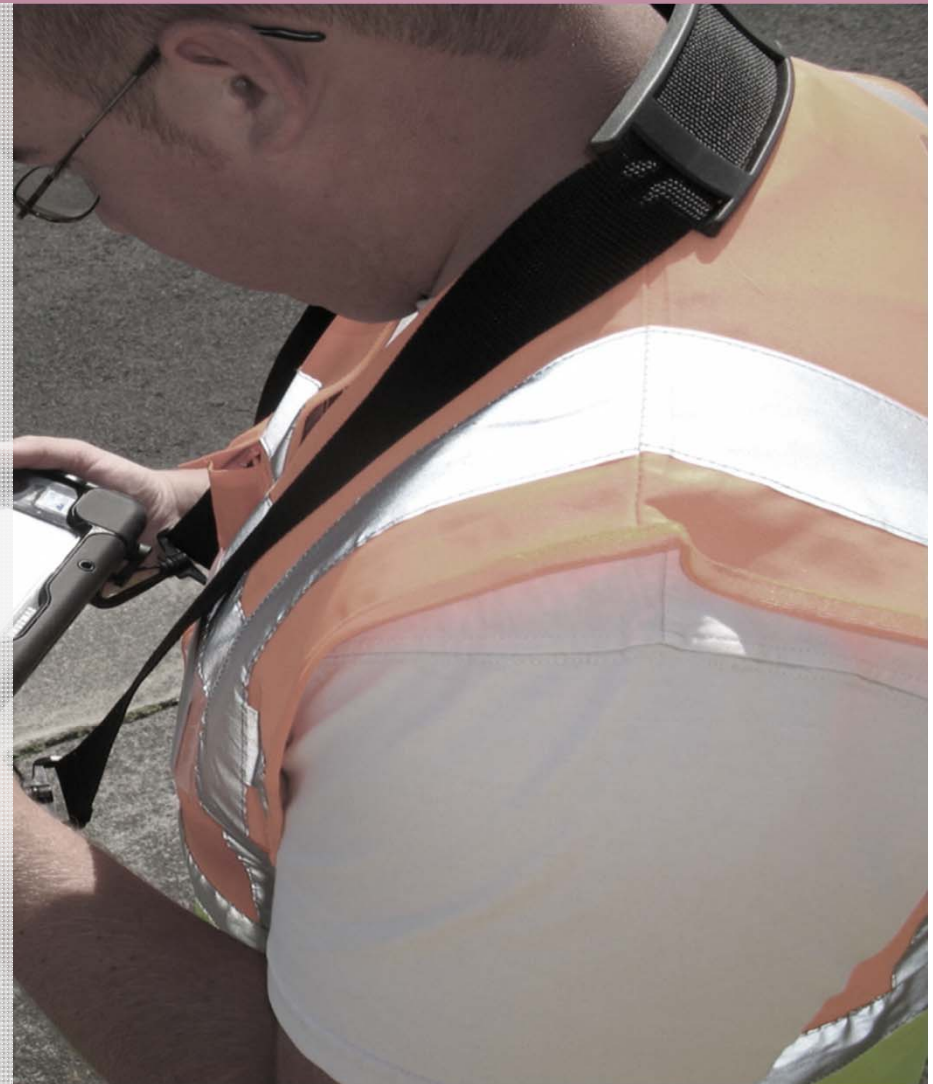


Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# CTS / FTS Outputs

- accurate network model
- accurate GRC of all inventory based on areas
- treatment option for network
- Borrowing / cost models for treatments
- data for TAMP / WGA.





Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

# Project 30

**PR**  **JECT 30**

**IMPROVING OUR ROADS FOR RESIDENTS AND VISITORS**





# What is Project 30?

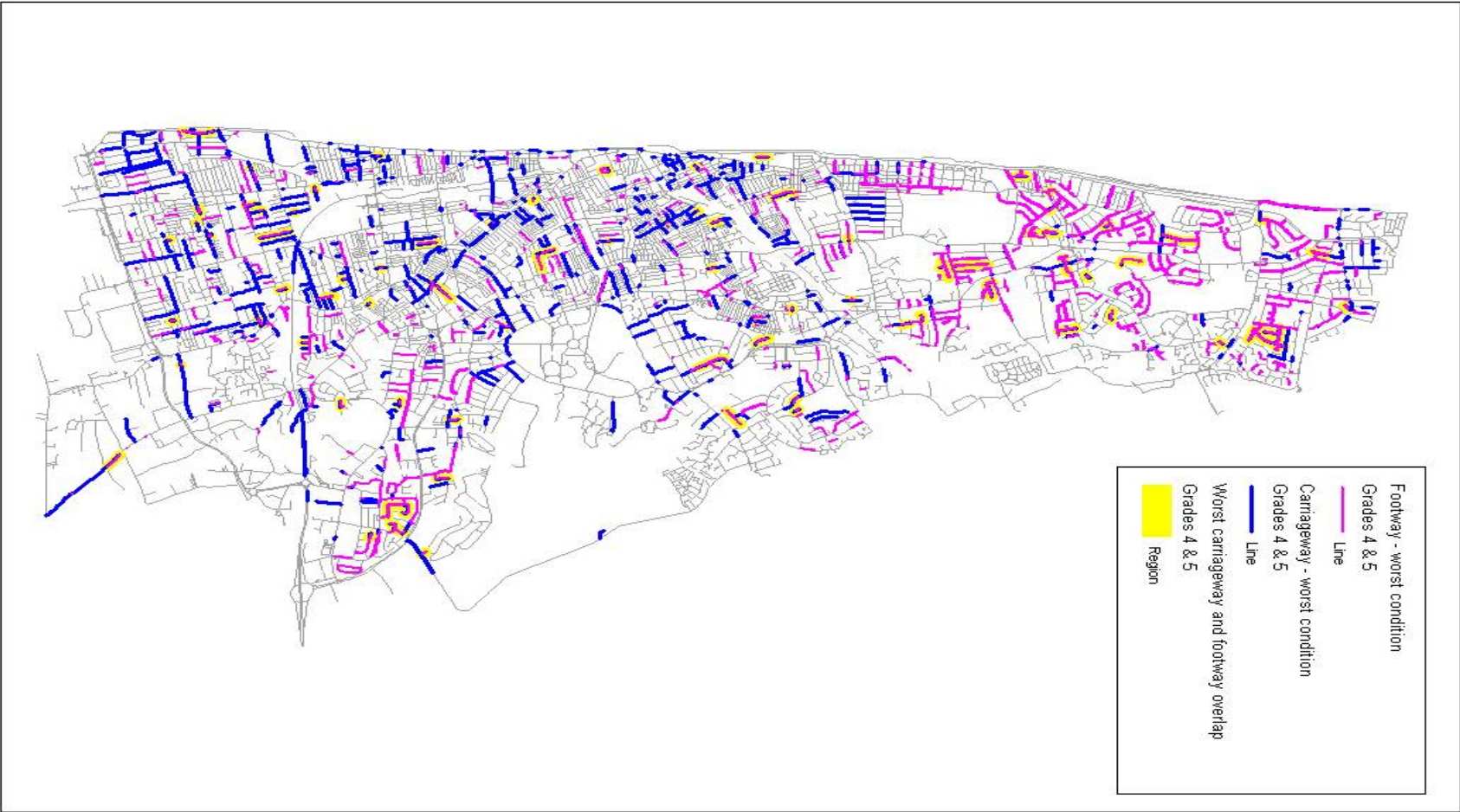
- Improve our streets for the benefit of residents
- **Arrest the accelerating decline of our network**
- Significantly reduce the amount of patching and potholes
- Significantly reduce the number and cost of tripping claims
- Treat defects in mid-life footways and carriageways
- **Put in place programmes of planned preventative treatments.**



**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# Which roads and footways will be treated?





**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# What will the treatments look like?







**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# What will the treatments look like?





**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL

# What will the treatments look like?





Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

## What the Project will not do

- Bring all the network to an “as new” standard
- Remove the continuing need for routine inspections to identify condition, defects and combat claims
- Guarantee that we can forget about highway maintenance
- Remove all future risks eg. severe weather effects.





**Blackpool Council**

BUILDING A BETTER COMMUNITY FOR ALL



# Show of hands

- ARE YOU INTERESTED ?
- CONTACT :-

**WILL BRITAIN  
BLACKPOOL COUNCIL  
01253 476121  
will.britain@blackpool.gov.uk**



Blackpool Council

BUILDING A BETTER COMMUNITY FOR ALL

