

# Improving our Island highways

# What we will cover tonight

Introducing Island Roads

Investment in your District

What changes will you notice?

Working with local communities



# Introducing Island Roads

**Island Roads** is made up of VINCI Concessions, Meridiam Infrastructure and Ringway, and is working in partnership with the Isle of Wight Council to deliver the Highways PFI Project.

Island Roads



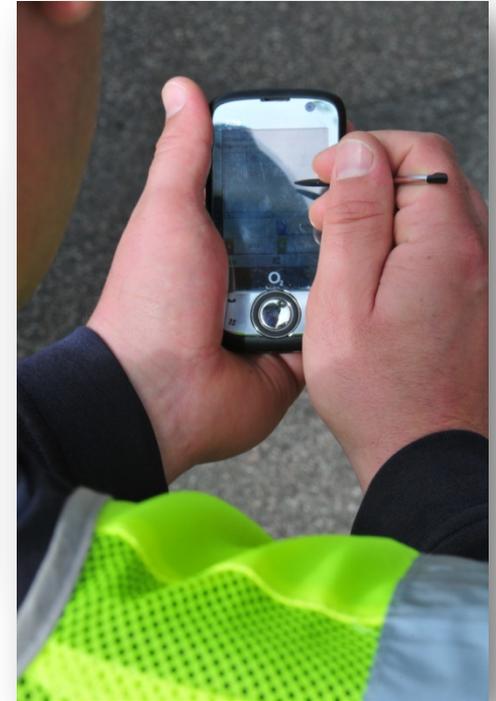


# An Island-wide service

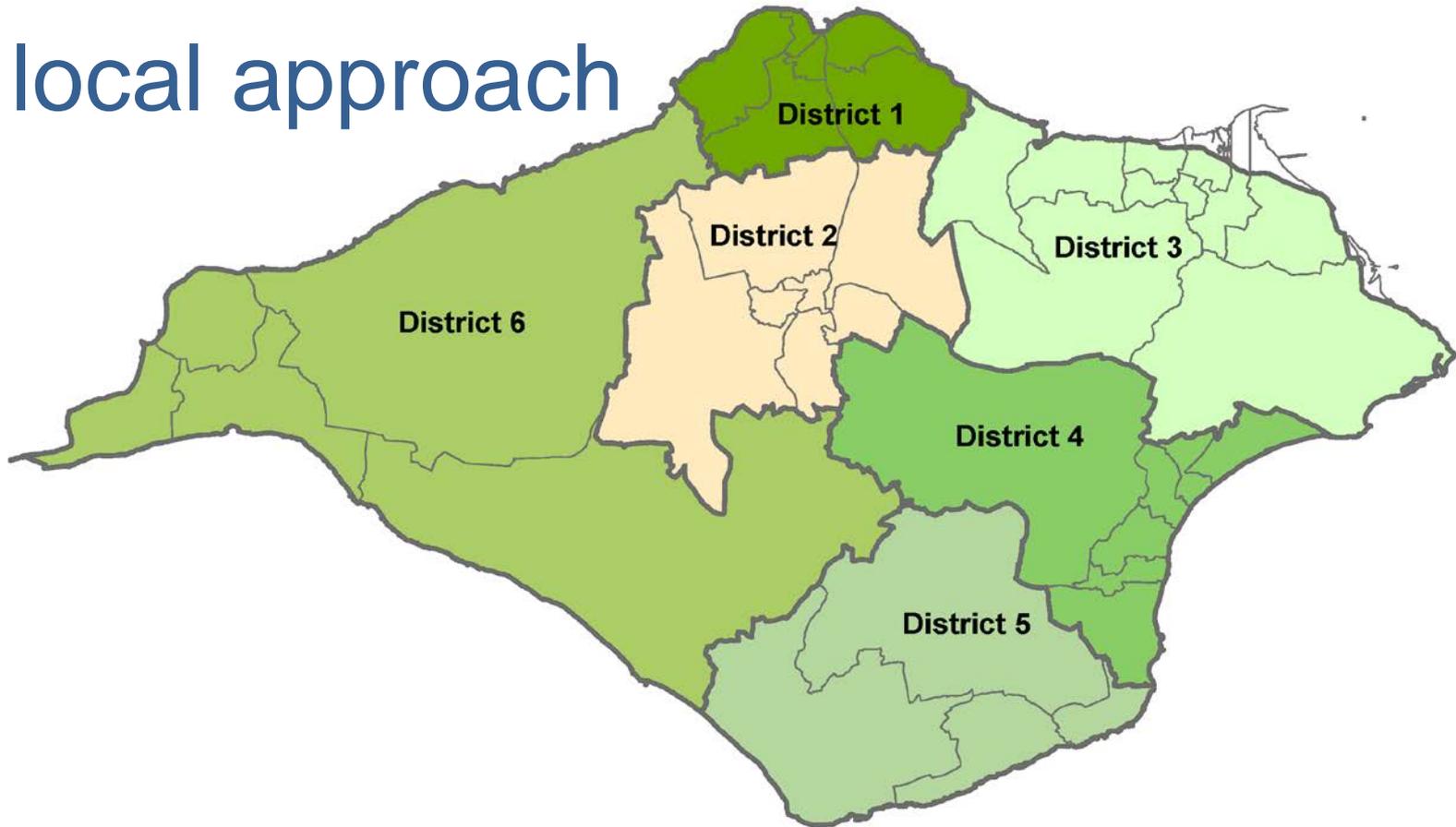


-  Central Office/Depot – Newport
-  Depot – Ryde, Freshwater, Ventnor
-  Winter/Gully Service/Street Cleansing – Stag Lane

# Providing a visible presence

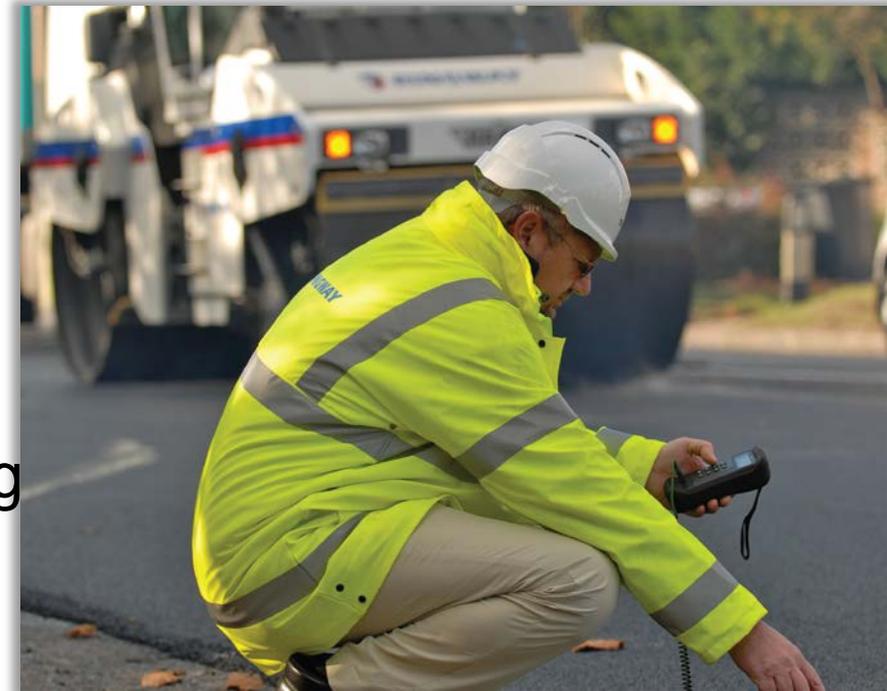


# A local approach



# Enhancing, Maintaining, Managing...

- Enhancing – 7 years of investment works and ongoing schemes
- Maintaining – keeping your highways clean and functioning
- Managing the Network – less disruption, better information

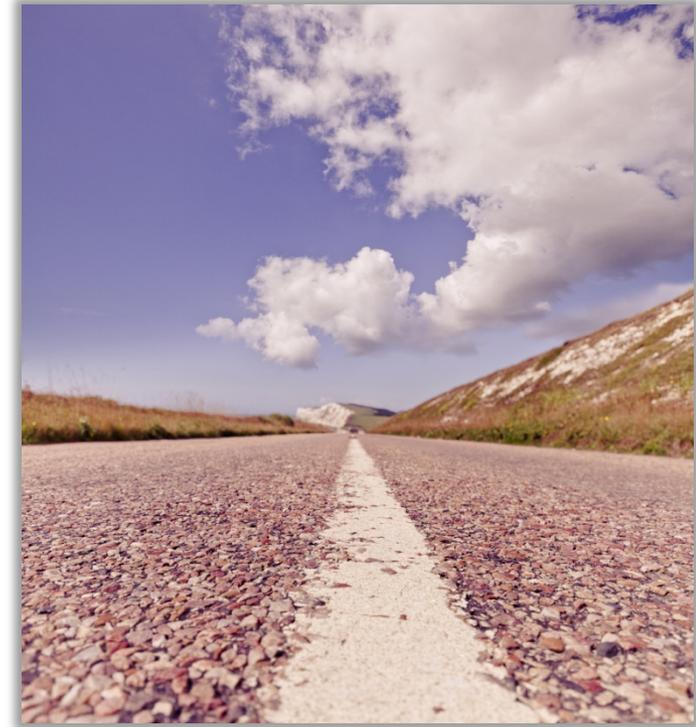


# Enhancing the places where you live and work



# Roads & Car Parks

- Long-term solutions
- High quality standards
- Coordinated programmes
- Special events
- Car Parks



# Footways & Cycle Ways

- Respecting and retaining heritage features
- Replacing 'like for like' to maintain the look and feel
- Reusing paving slabs and materials wherever possible



# Street Lighting

- LED reduced energy lighting
- New columns in general
- Carbon Efficiency
- Controllable light solution
- Festive lighting



# Structures, bridges and walls

- Highway bridges
- Subways
- Footbridges
- Retaining Walls

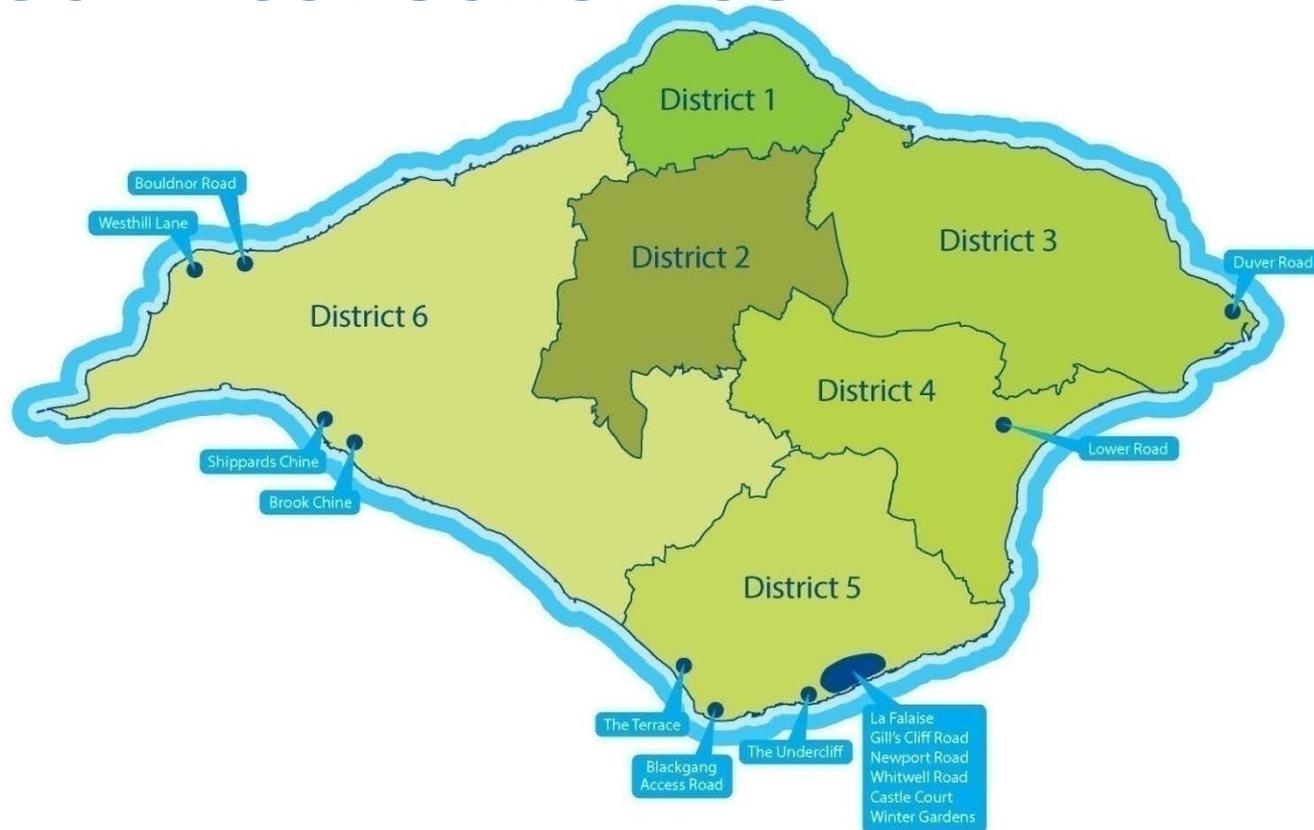


# Drainage

- 18 Major Drainage Schemes across the Island
- 122 Minor Schemes:
  - Jetting
  - Surveying (CCTV)
  - Maintaining
  - Replacing broken covers



# Geotechnical schemes



# Bouldnor Road, Yarmouth

## PROBLEM:

- Cracking and undulation of carriageway due to coastal slope, with unstable geology and possible deficient road construction

## SOLUTION:

- Heavy sheet pile wall over majority
- Soil nails to embankment
- Ongoing monitoring at site



# Westhill Lane, Yarmouth

## PROBLEM:

- Cracks and tears in the carriageway
- Pooling water turning to ice in cold

## SOLUTION:

- Resurfacing
- Stabilisation works on the bend
- Extra surface drainage



# Brook Chine, Military Road

## PROBLEM:

- Chine is threatening carriageway
- Current lane closure

## SOLUTION:

- Temporary bailey bridge on steel piles



# Shippards Chine, Military Road

## PROBLEM:

- Threat from Chine

## SOLUTION:

- Temporary bailey bridge on steel piles



# Lower Road, Adgestone

## PROBLEM:

- Edge of Carriageway unsafe due to failure of slope edge of road platform and evident

## SOLUTION:

- Stabilise using soil nailed gabions
- Formalise and make permanent the current lane restriction
- Allow natural re-vegetation



# The Terrace, Chale

## PROBLEM:

- Cliff edge adjacent to the road
- Ongoing drainage issues

## SOLUTION:

- Pump replacement
- Upgrading barrier system
- Ongoing maintenance



# Old Access Road, Blackgang

## PROBLEM:

- Bumps and cracks in the road
- Landslide embankment

## SOLUTION:

- Erection of a more robust barrier
- Improved drainage
- Ongoing maintenance



# The Undercliff, Ventnor

## PROBLEM:

- Cracking and buckling of carriageway

## SOLUTION:

- Ground anchors
- Soil nails
- Re-profiling of carriageways



# La Falaise, Ventnor

## PROBLEM:

- Water accumulation leading to weakening and erosion of the cliff at the path edge
- Loss of the path edge

## SOLUTION:

- New drainage
- New handrail
- Realignment of the path



# Gill's Cliff Road, Ventnor

## PROBLEM:

- Tension cracking
- Rockfall on steps

## SOLUTION:

- Geogrid reinforcement
- Resurfacing
- Repair of masonry



# Newport Road, Ventnor

## PROBLEM:

- Settlement causing carriageway buckling
- Damage to walls and footpaths

## SOLUTION:

- Reinforced 'mattress'
- Carriageway reconstruction
- Resurfacing
- Provide steps to the 'old playground' area



# Castle Court, Ventnor

## PROBLEM:

- Buckling and cracking in the carriageway

## SOLUTION:

- Geogrid
- Drainage reconstruction
- Resurfacing



# Winter Gardens, Ventnor

## PROBLEM:

- Cracking in the footpath

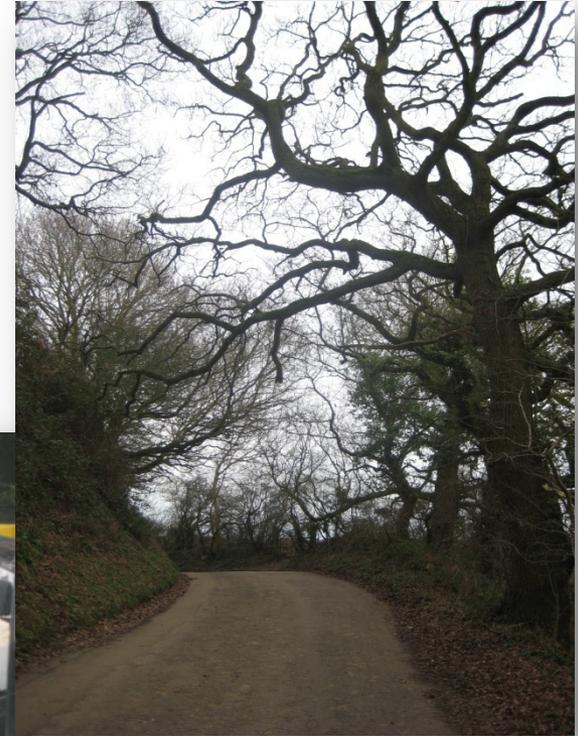
## SOLUTION:

- Footway surfacing and renewal



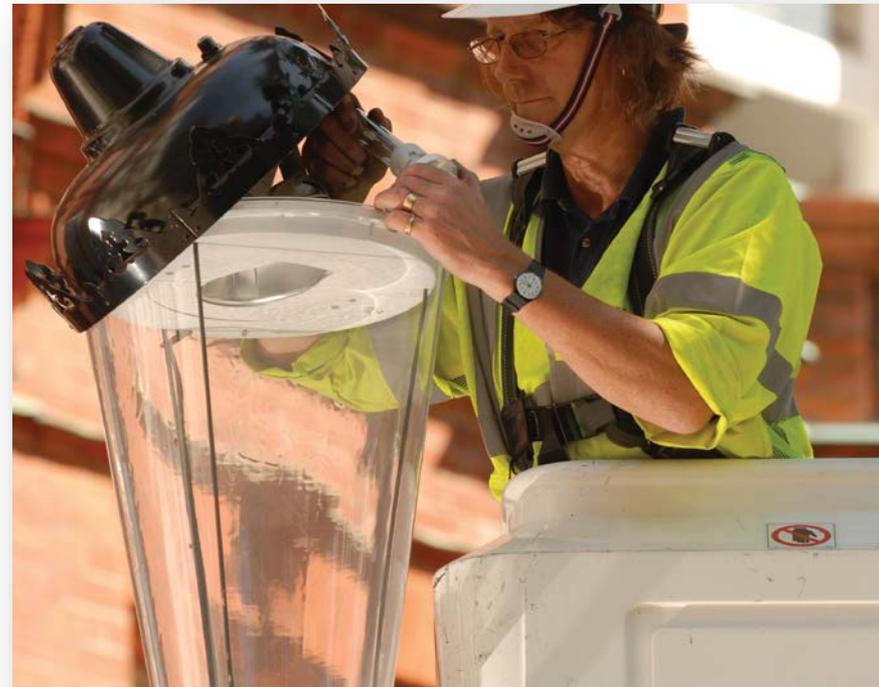
# Maintaining the highway

- Rural grass and hedge cutting
- Cleaning the streets and drains
- Keeping the Island moving during winter
- Providing an emergency response
- Tree care and landscaping



# Supporting the Eco-Island

- Sustainable energy strategy
- Electric and eco-fleet
- Efficient use of resources
- Recycling and reuse



# Working with local communities

- Graduates and apprenticeships
- Schools Partnerships
- Volunteer programme
- Local projects



# Working with local businesses

- Core Island workforce
- Strengthened by local supply chain
- Meet the Buyer events for local suppliers



# How can you get involved?

- [www.islandroads.com](http://www.islandroads.com)
- Dedicated telephone number from 1<sup>st</sup> April 2013
- Lay Assessor programme
- Identify local projects which we could support



# Any questions?

