



An Roinn Iompair,  
Turasóireachta agus Spóirt  
Department of Transport,  
Tourism and Sport

# Bridge Asset Management Project

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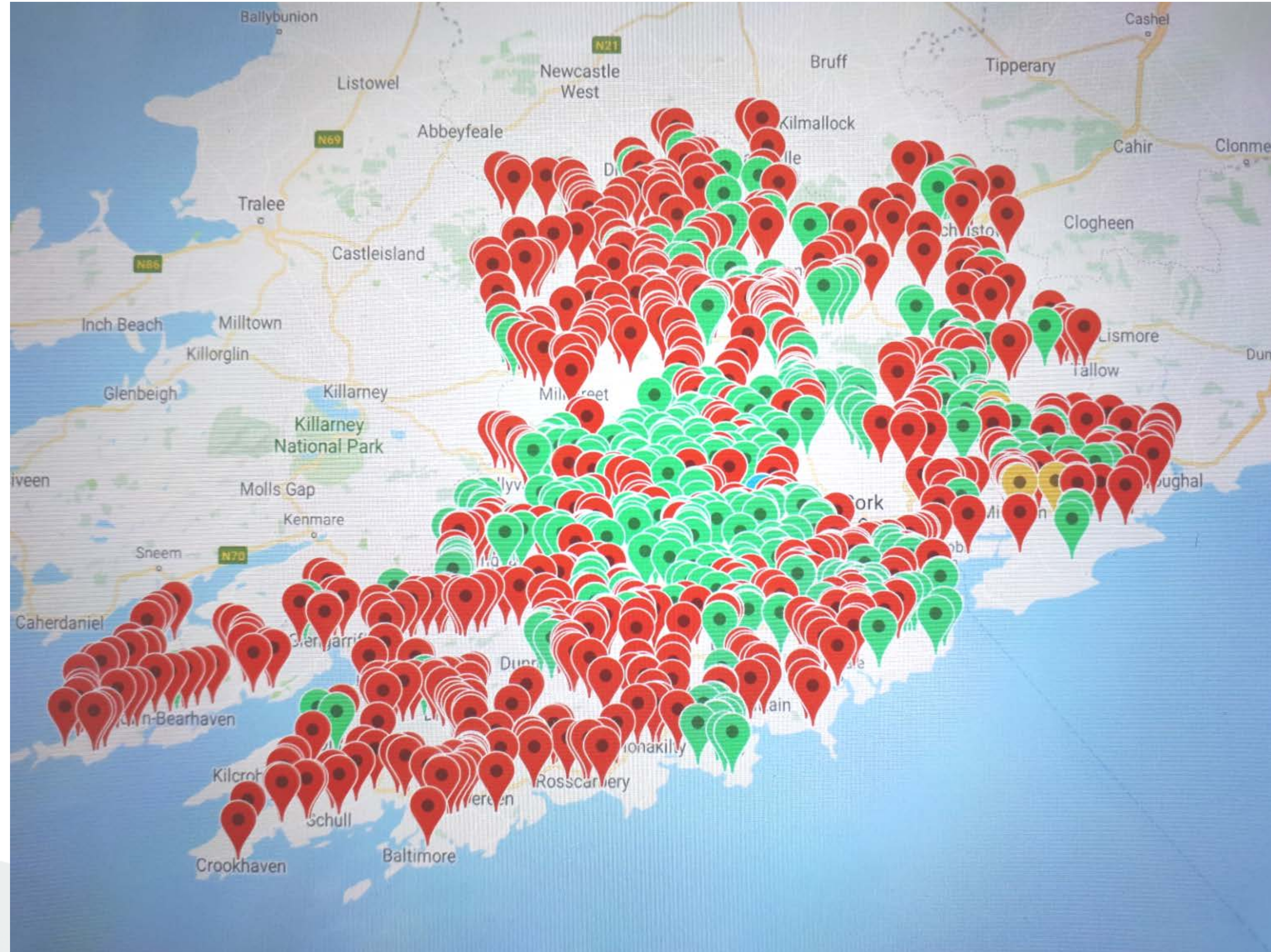
12<sup>th</sup> September 2019



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# BAMP – Pilot User Experience – Cork County Council

# Current Overview [Map]

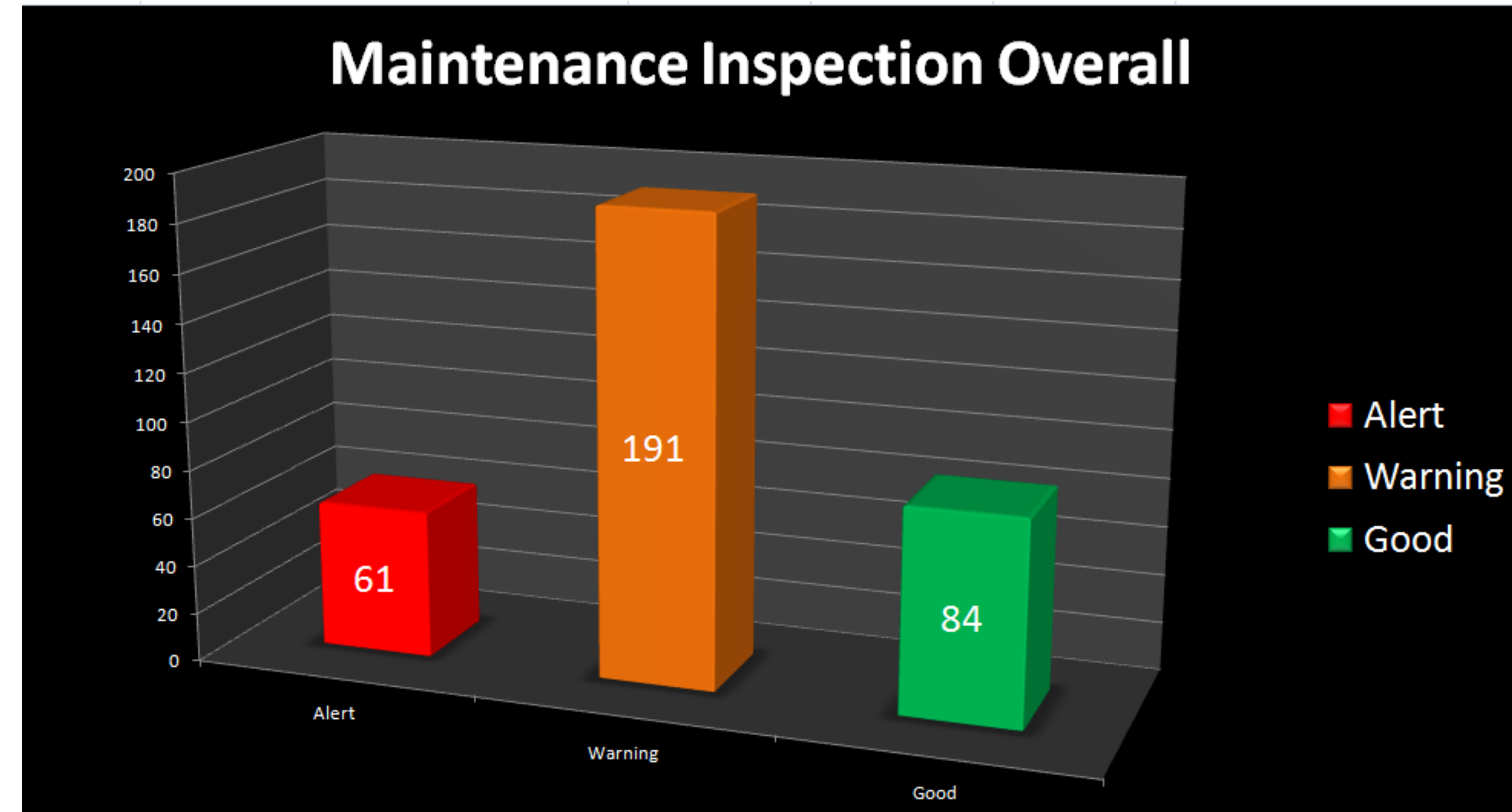


# Current Overview



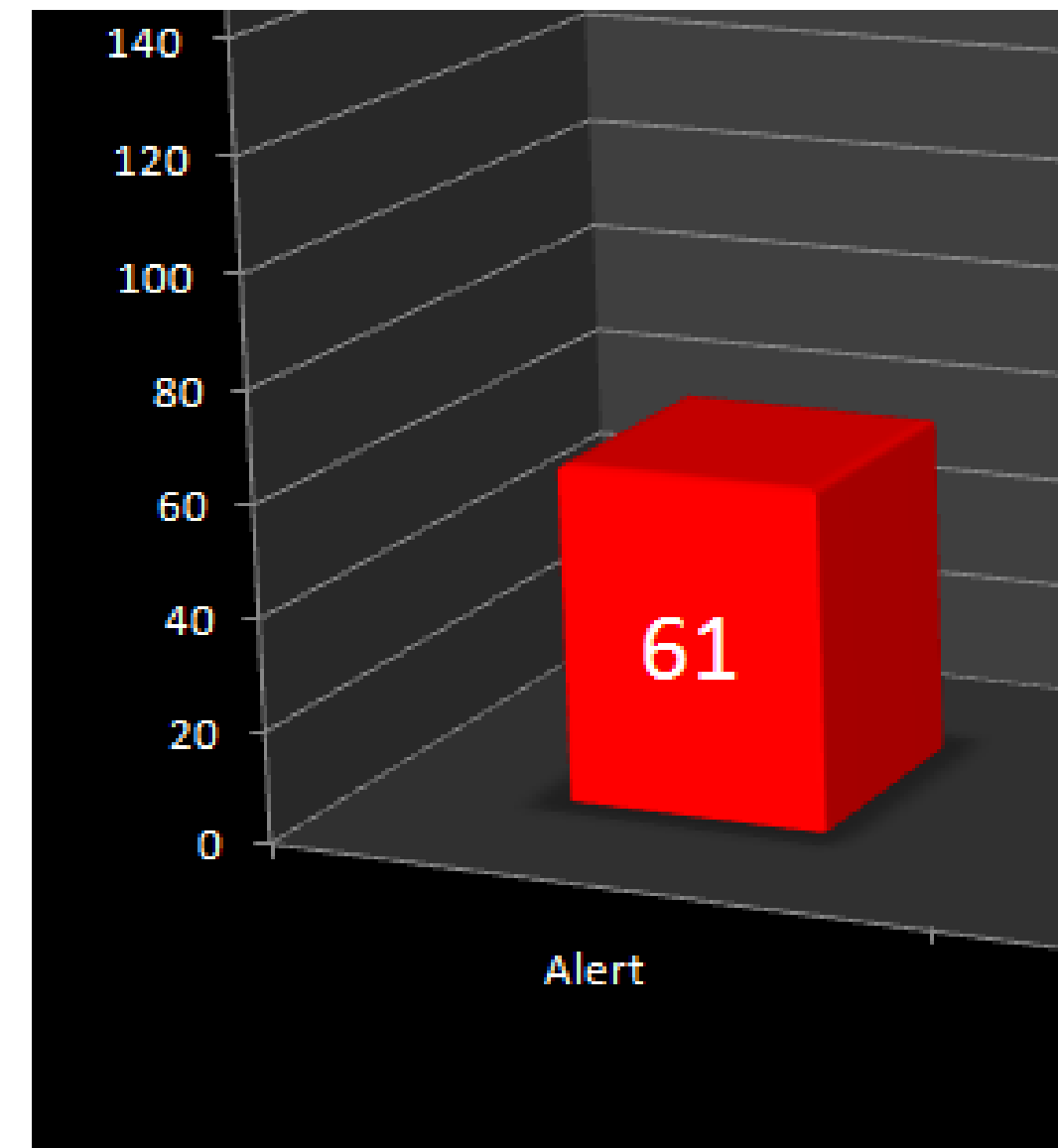
- 336 BIS/MI Surveys carried out

Rating	Number ( %)
Red	61 [ 18%]
Amber	191 [ 57%]
Green	84 [25%]



# Alert Explored

- 61 BIS/MI Surveys carried out give an overall Red Alert



## Three Structural MI Categories

- External Walls
- Abutments and Piers
- Deck or Arch

No. of Elements Red Alert	Number of Bridges
All 3 Elements	2
Any Two elements	12
Any one element	47

# System Overview



## BAMP Manual

- Very Clear
- Easy to use [P57]
- Pictures a great reference

## Tablet Software

- Easy to use / Clicking
- Minimal Text
- Refresh Often
- Very reliable

## Equipment

- Be prepared – Tablet, PPE, life jacket, Waders, laser meas<sup>ure</sup> staff

BAMP



## PMS

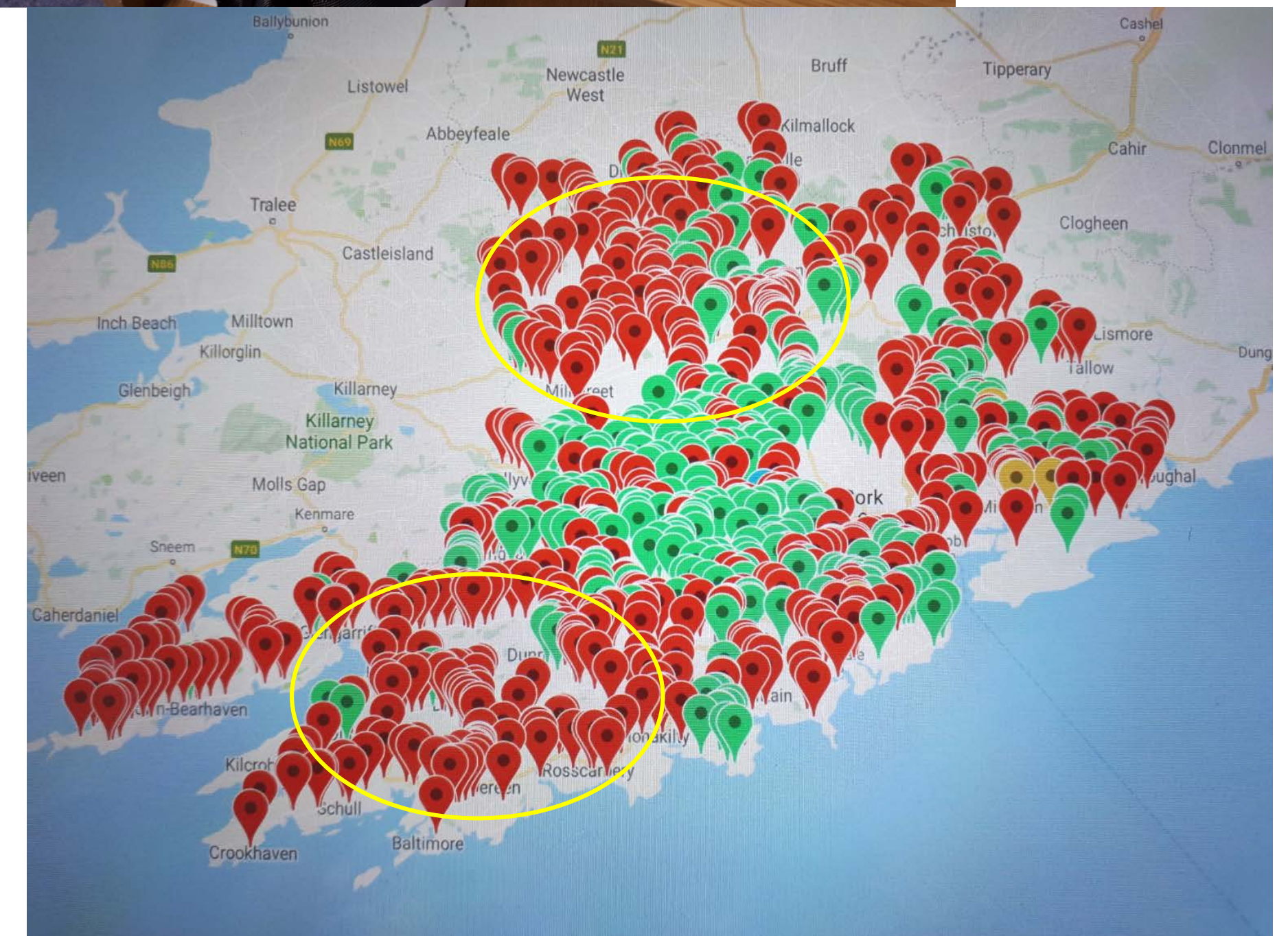
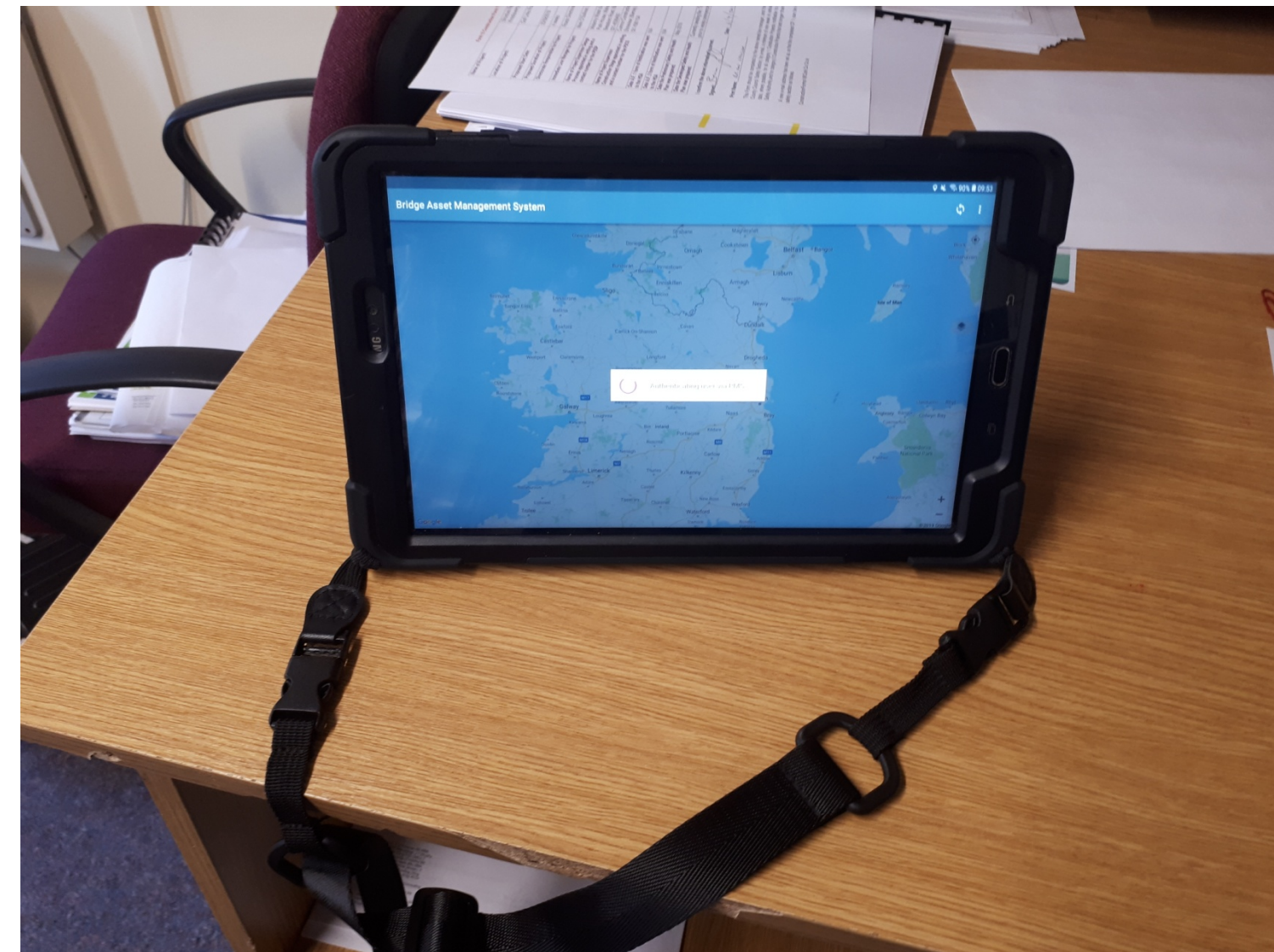
- Good Overview of Surveys
- Analysis tools
- Report Storage/Photographs
- Safety File

## Safety

- Ensure RAMS are in place
- SSWP
- Lots of risks

# Top Tips

- Invest in Equipment (Tablet check the spec)
- Safety paramount – RAMS
- Check Weather Forecast/Water levels
- Plan your route/area
- Survey for full days
- Sync Tablet at regular intervals
- Liaise with the Area Engineer
- Any software issues – Compass
- Get started



# Forward Thinking



Damaged  
Structure



- Internal Resources
  - Design/Construction
- Procurement
  - Frameworks – Services/Works
- Funding
  - DTTAS Grant Applications
- Continuous/Cyclical Work
  - Setup good processes/Refine



# Thank You



