



## 44<sup>TH</sup> ASECAP STUDY & INFORMATION DAYS 2016

# Remote management of a singular infrastructure: Rande Bridge

*Intercontinental Hotel  
23-25 May 2016*

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ITINERE group



Organized by

# AP9 HIGHWAY

Itínere

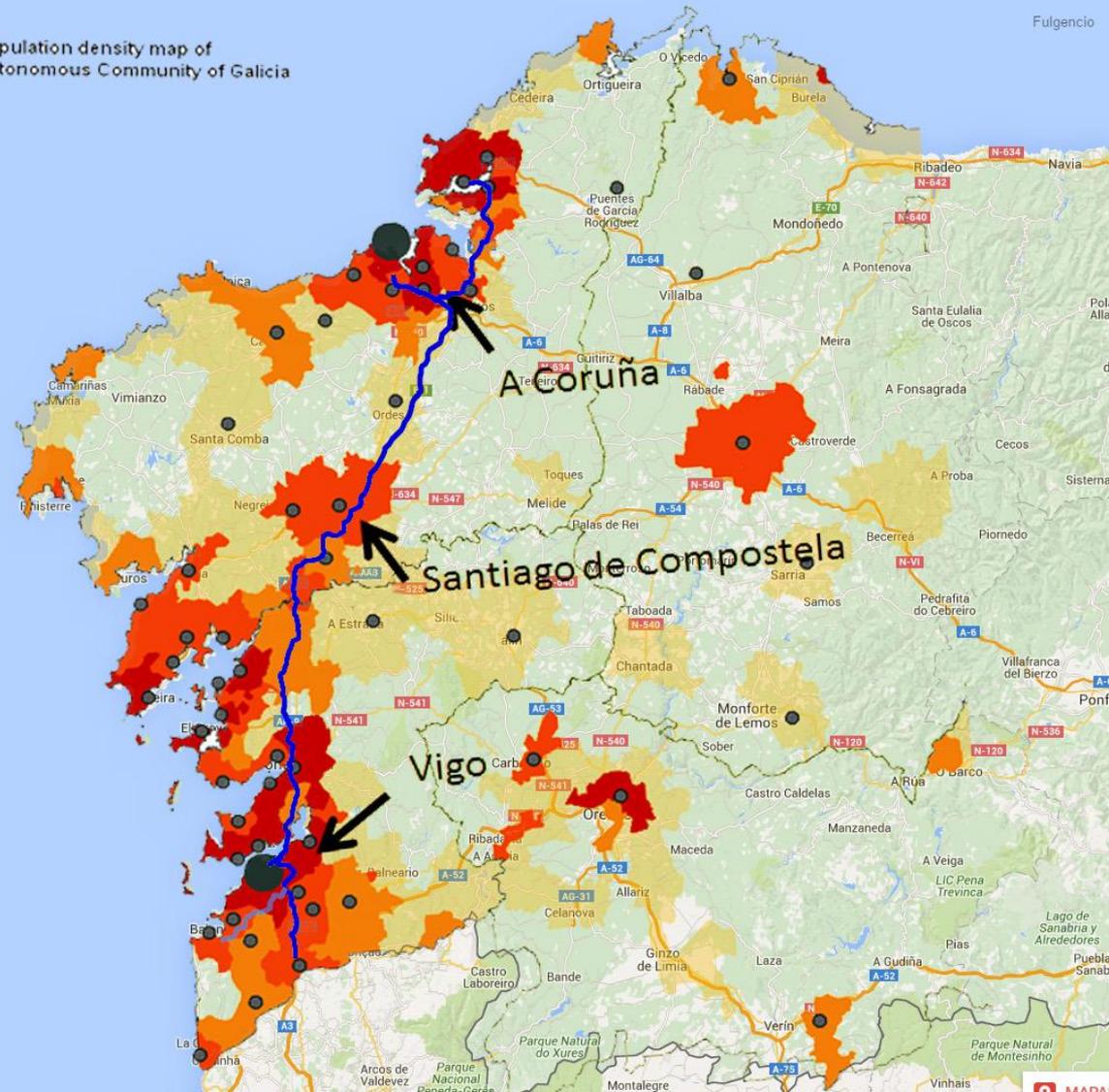


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Population density map of Autonomous Community of Galicia



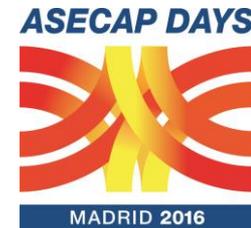
# AP9 HIGHWAY

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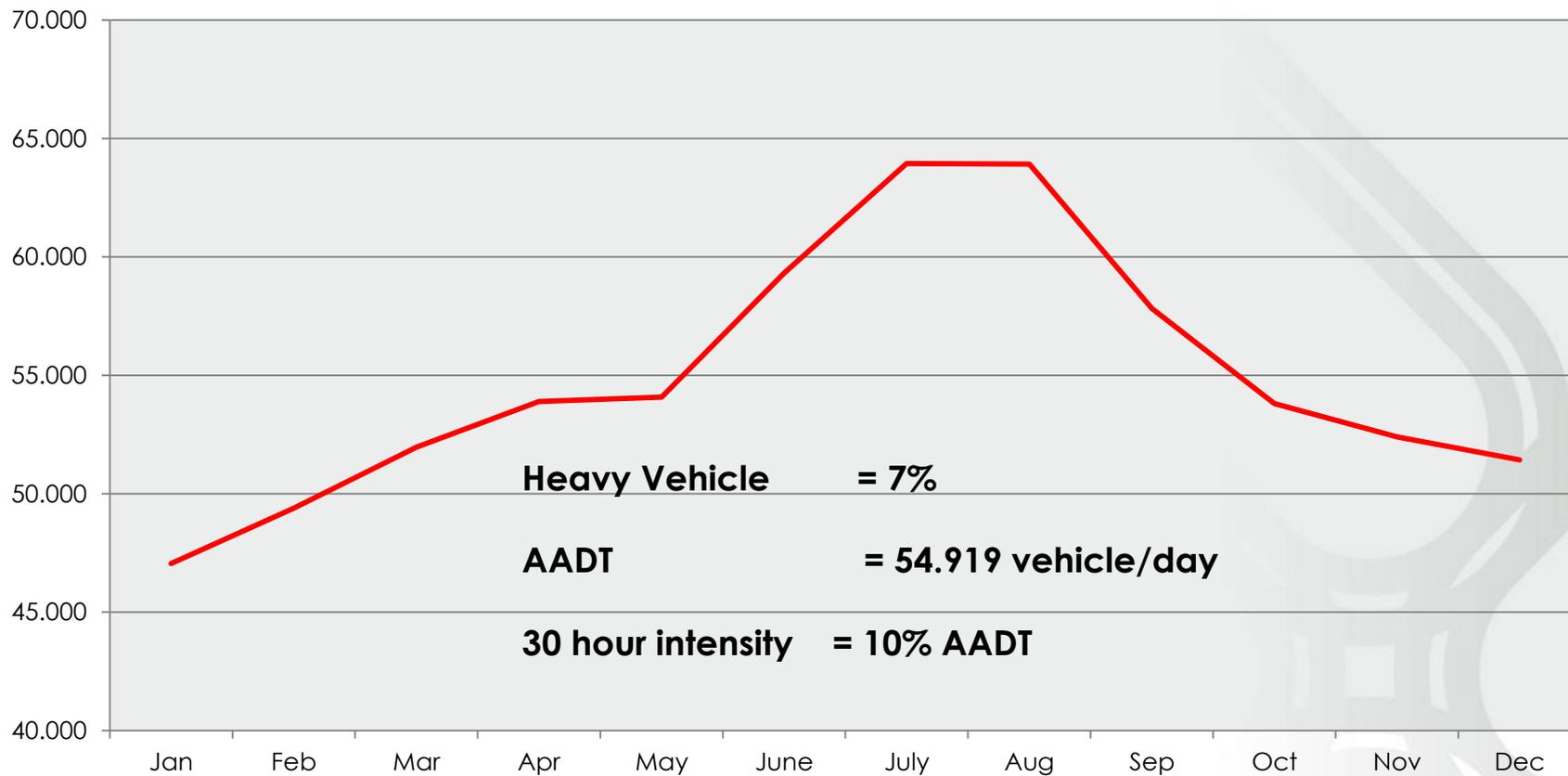


# RANDE BRIGE TRAFFIC

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## Average daily traffic trough Rande bridge 2015



# RANDE BRIDGE EXPANSIÓN

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Rande Bridge expansion







## Project objectives

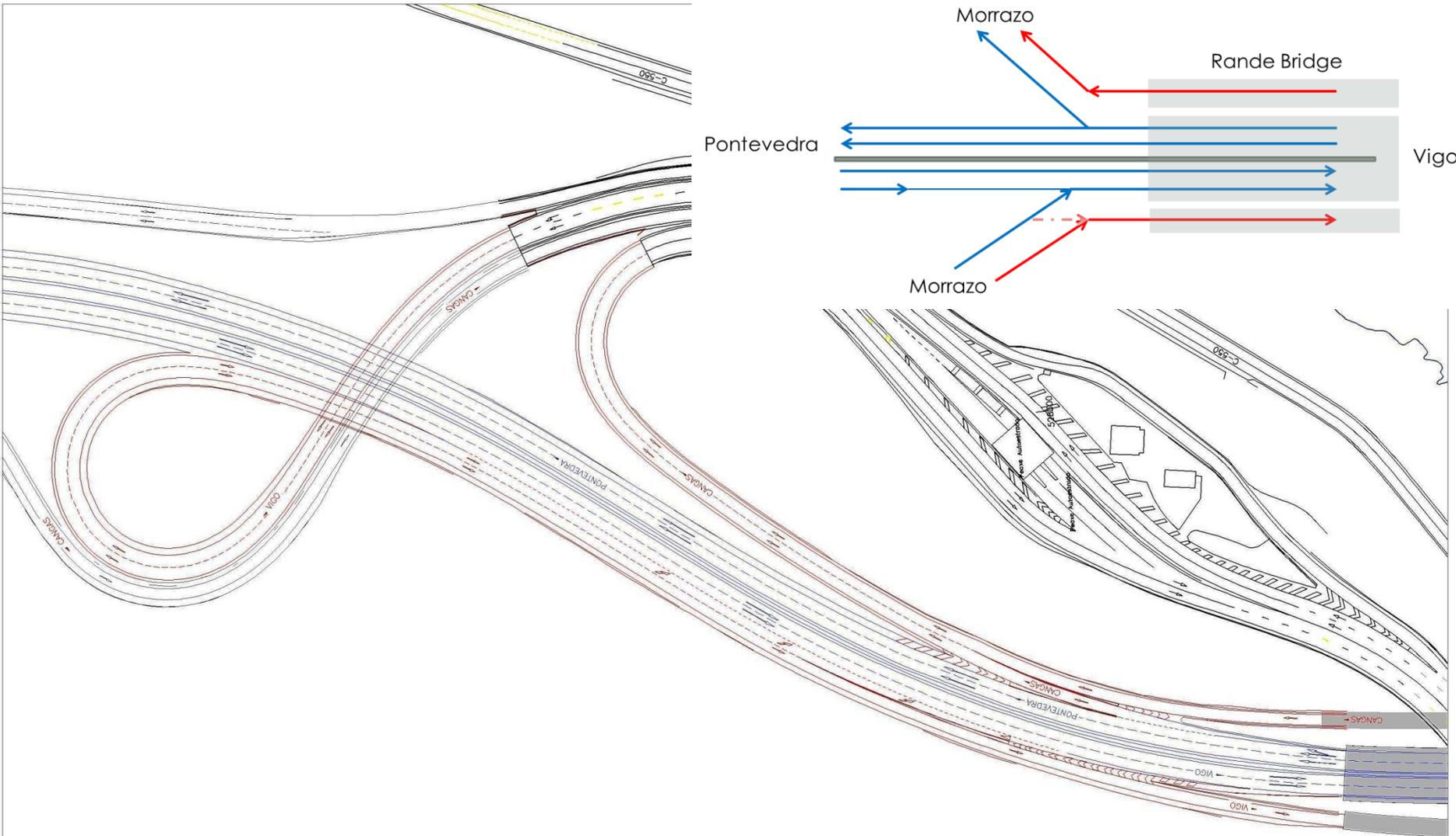
- Improve service quality
- Effective resolution of incidents and accidents



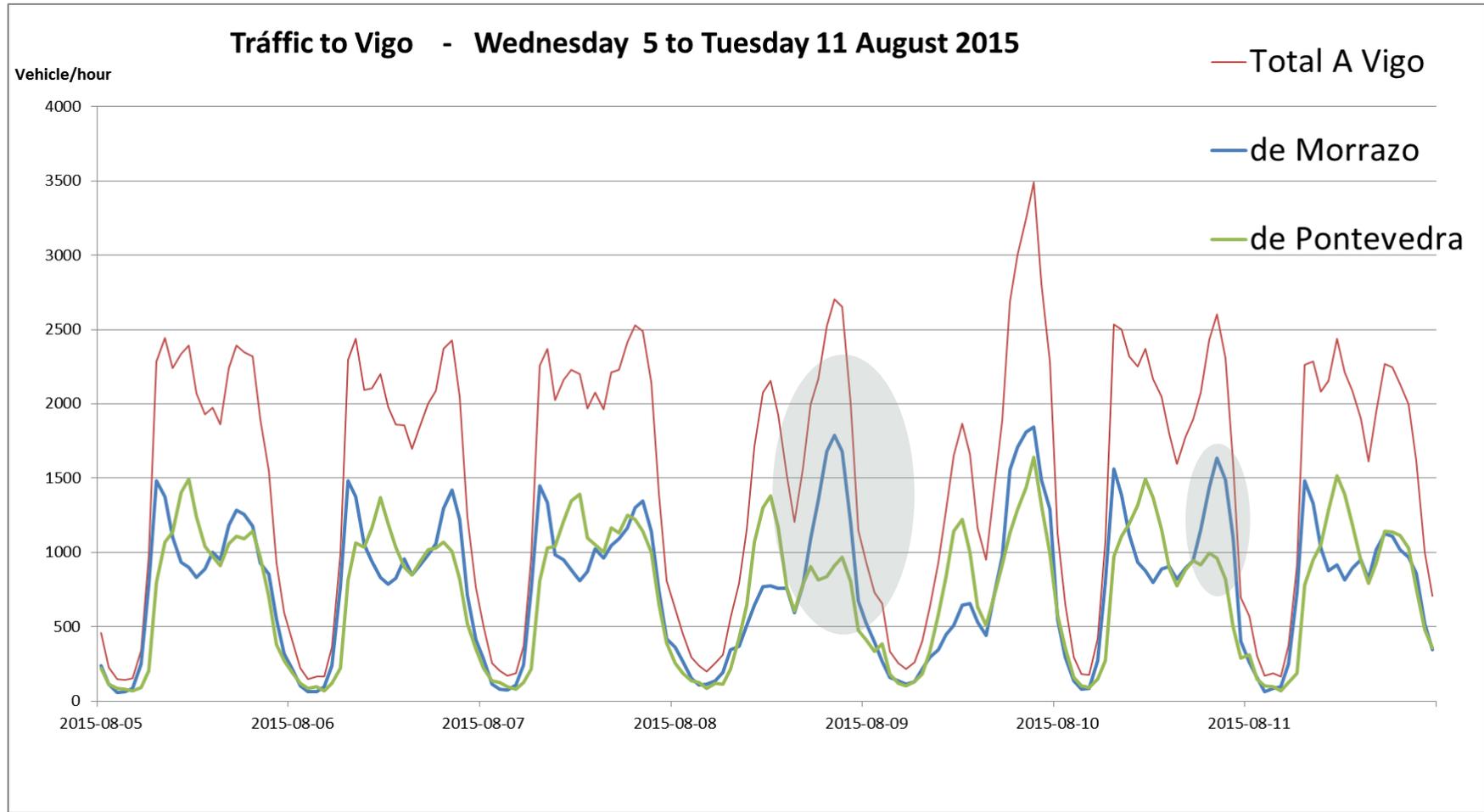
## Improve Service quality

- Dynamic speed regulation
  - Continuous analysis of the traffic intensity
  - Weather situation
  - Information through variable message panels
- Control access to the Bridge

# Remote Management Rande Bridge – Control access



# Remote Management Rande Bridge – Control access





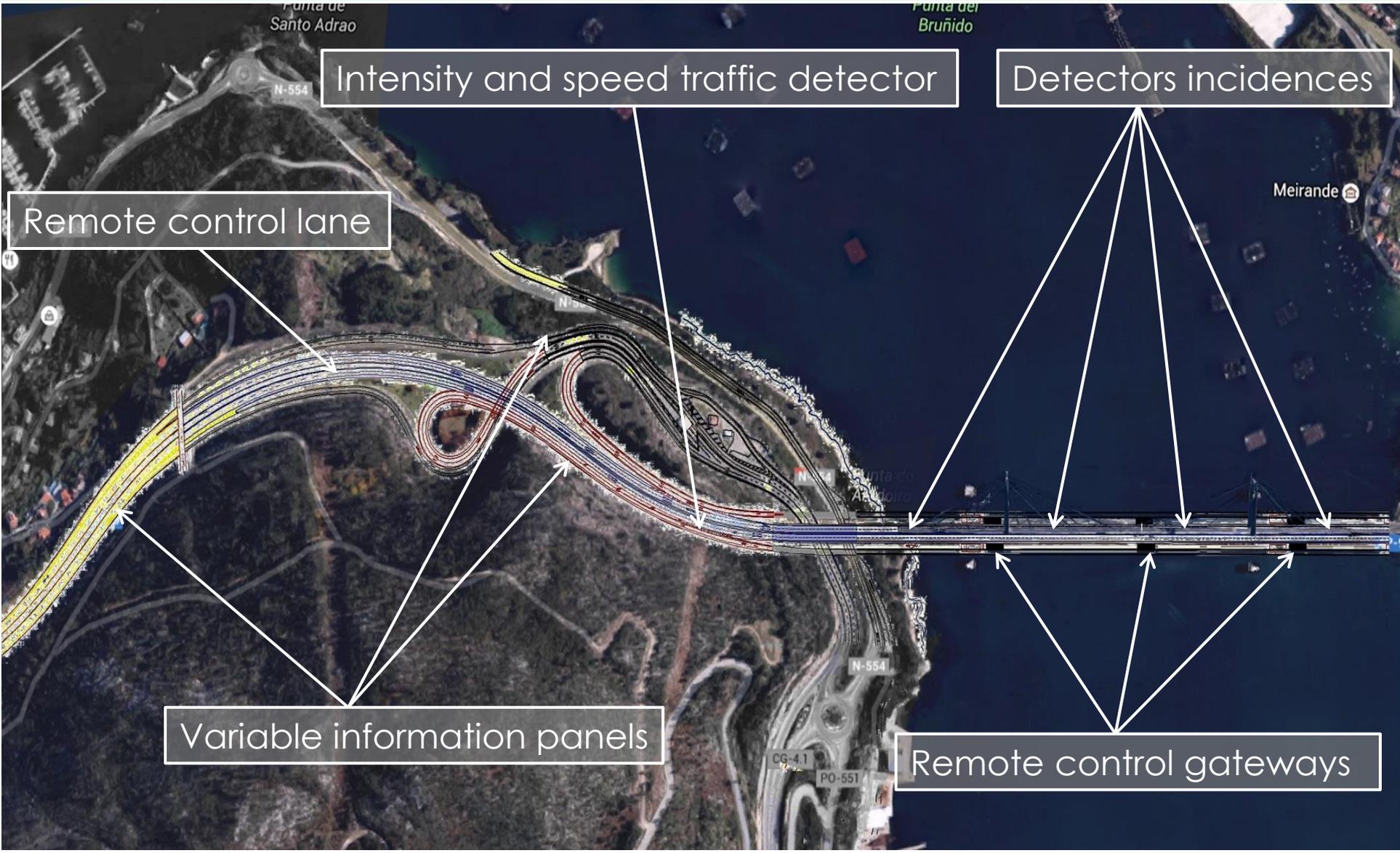
# Effective resolution of incidents and accidents

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Gate ways

# Effective resolution of incidents and accidents



Intensity and speed traffic detector

Detectors incidences

Remote control lane

Variable information panels

Remote control gateways

# Continuous improvement of Rande Bridge

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