



arqiva

Mobile Infrastructure Project

North Herefordshire constituency

11 September 2014



MIP - Overview

- ▶ Arqiva appointed by DCMS to deliver the MIP
- ▶ £150m UK Government funded project to provide mobile phone coverage by all 4 mobile network operators in “Not Spot” areas
- ▶ A Not Spot area is one where no effective coverage is provided by any of the mobile network operators, usually because it is uneconomic to do so
- ▶ The Not Spots were developed by Ofcom using data provided by the Mobile Network Operators. The Not Spot data is subject to a non-disclosure agreement
- ▶ Capital cost of the MIP is publicly funded
- ▶ Operating cost (Rent, Rates, Electricity, Transmission, Maintenance) to be met by the four Mobile Network Operators
- ▶ All four Mobile Network Operators have agreed to occupy all MIP sites for 20 years

Example not spots



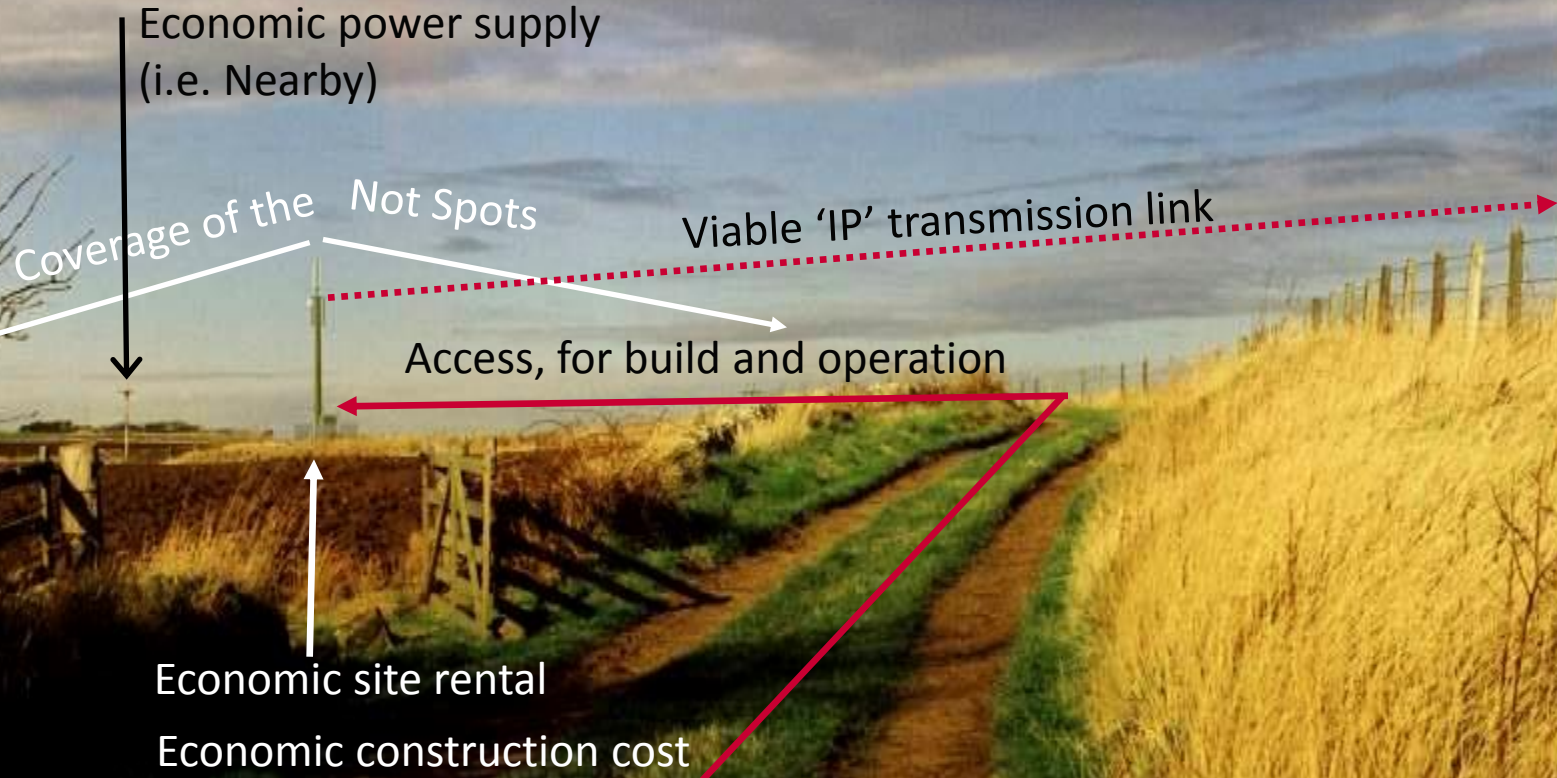
A not spot is an area (100m x 100m) containing Premises, with no coverage from any operator

The Challenge – all on the same site!

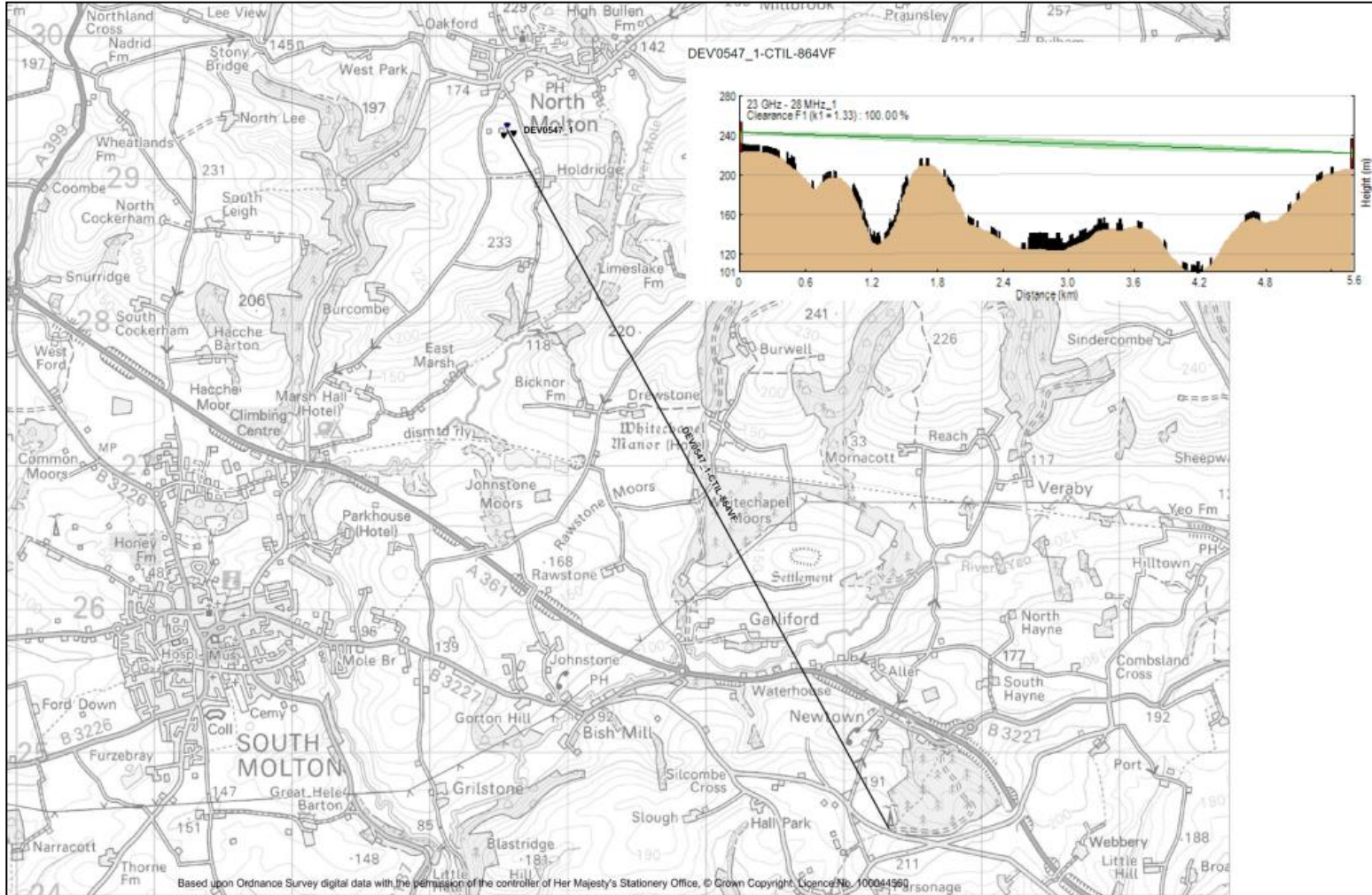


Department
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Typical Transmission Profile



The transmission challenge

- ▶ Arqiva is responsible for providing point-to-point radio transmission links (backhaul) to the mobile network operators' nearest available sites
- ▶ The mobile operators need to provide backhaul from there into their core networks
- ▶ This requires 'IP' connectivity which is not yet available in some areas
- ▶ **Arqiva will deliver MIP sites as soon as this connectivity becomes available**
(& provided all the other necessary criteria can be met)

MIP locations – Key

Note: These are search centres not actual sites



= Original nominal location

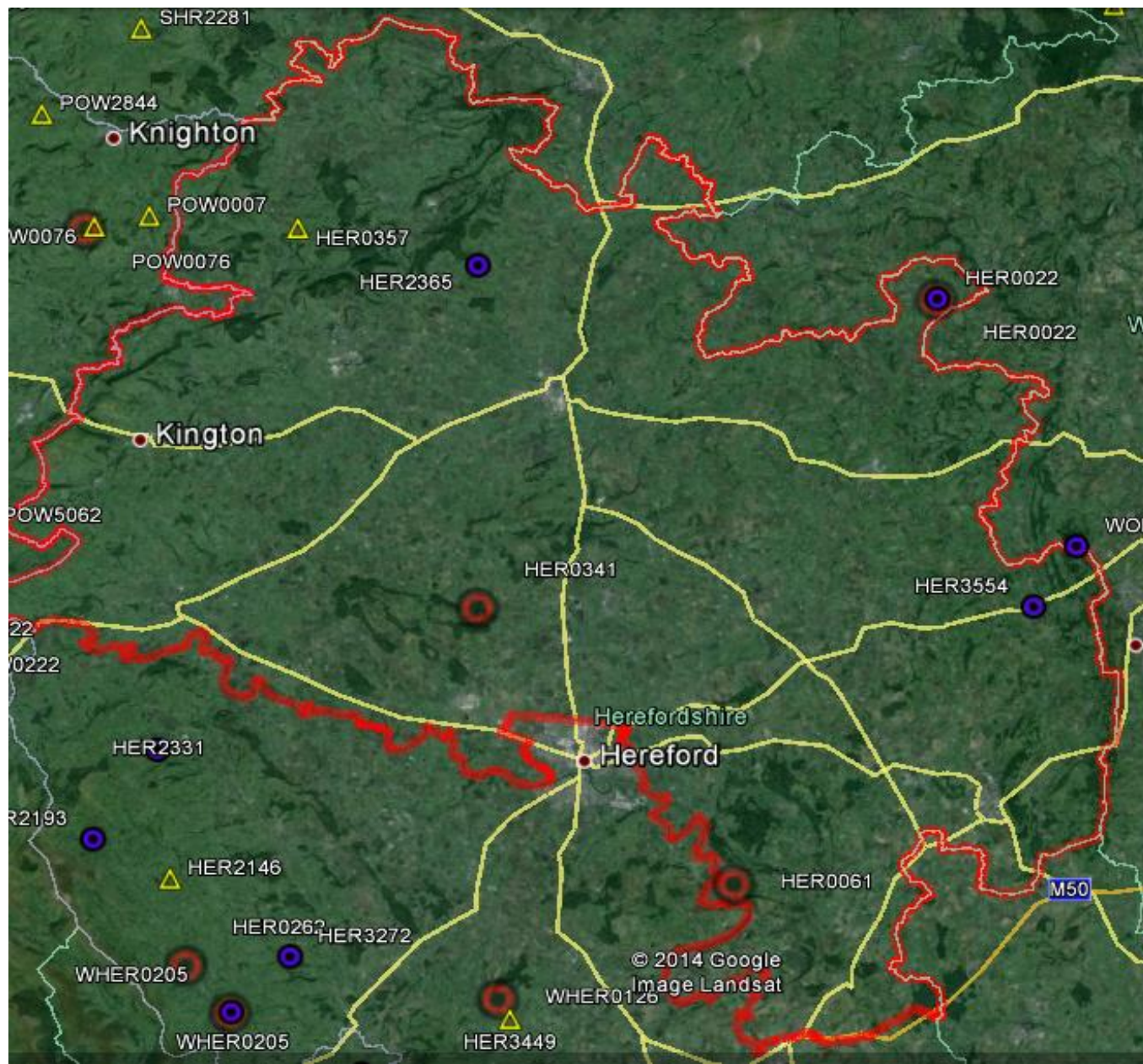


= Revised nominal location with transmission solution

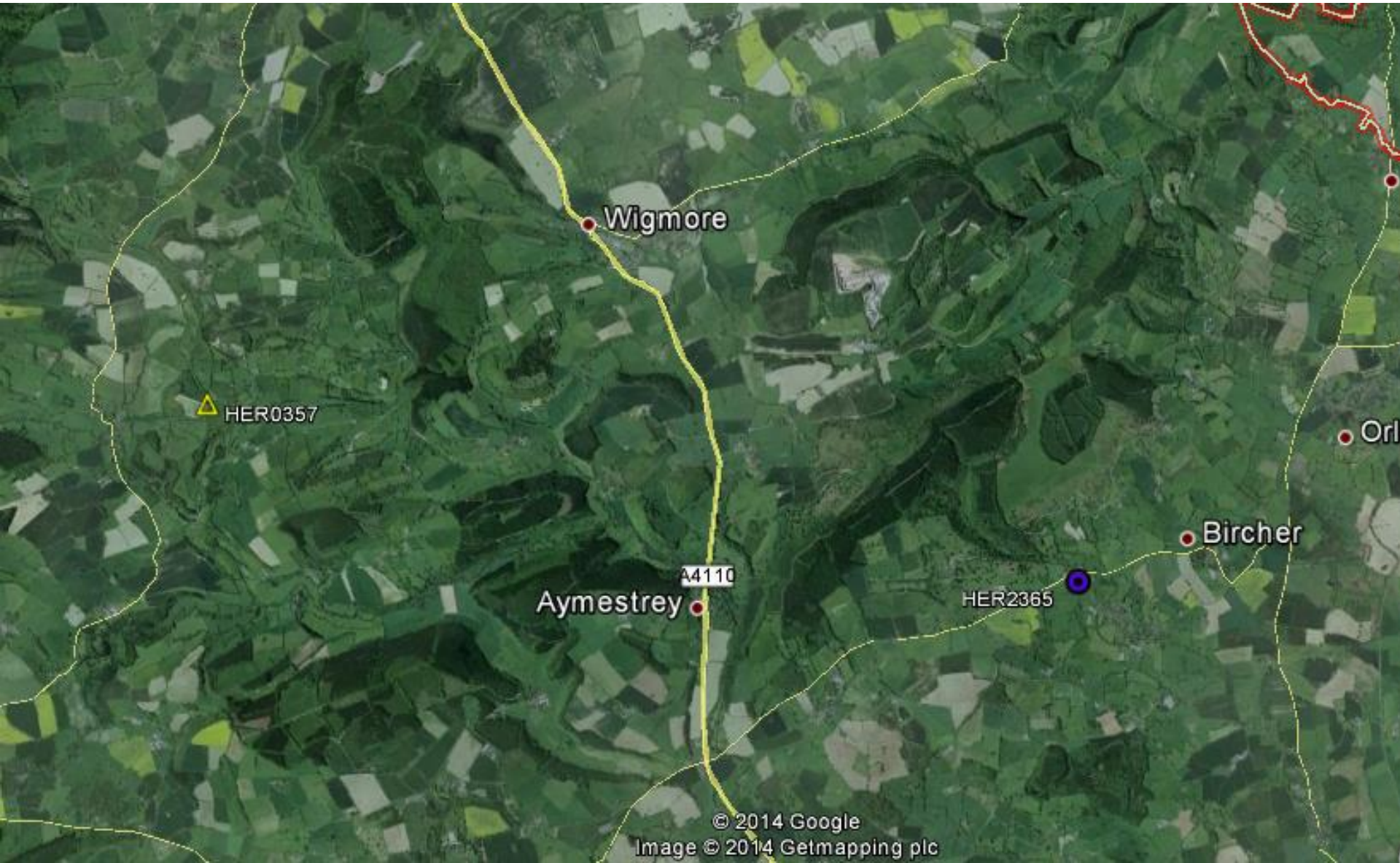


= Revised nominal location with no current transmission solution

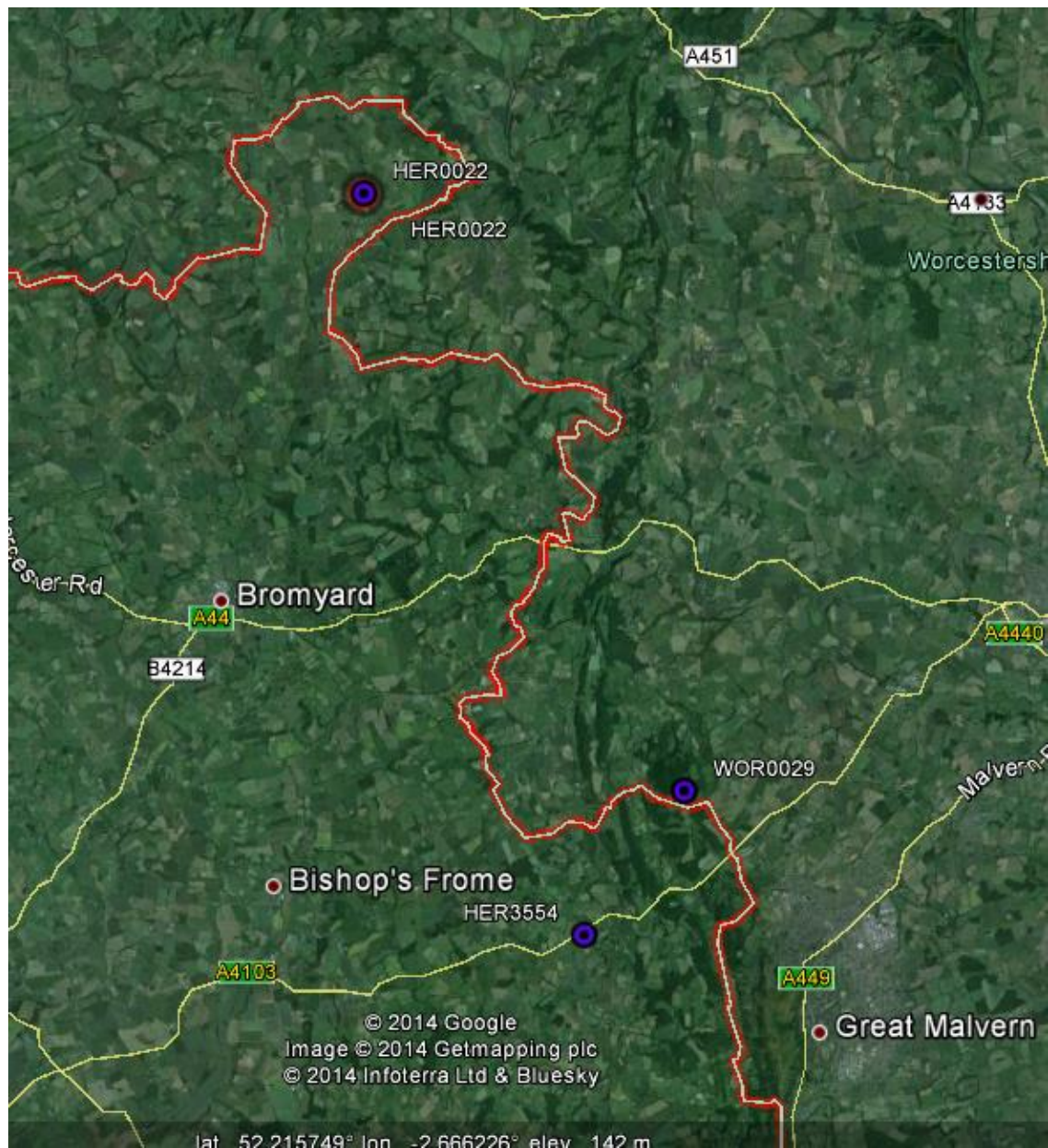
Planned MIP locations in North Herefordshire



Planned MIP locations in North Herefordshire



Planned MIP locations in South Herefordshire





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