# Federal Communications Commission
# DAS and Small Cell Solutions Workshop

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# Franklin, Michigan

— Village —

| | |
|---|---|
| Country | United States |
| State | Michigan |
| County | Oakland |
| **Area** | |
| • Total | 2.7 sq mi (6.9 km$^2$) |
| • Land | 2.7 sq mi (6.9 km$^2$) |
| • Water | 0.0 sq mi (0.0 km$^2$) |
| **Population** (2010) | |
| • Total | 3,150 |
| • Density | 1,182.4/sq mi (456.5/km$^2$) |

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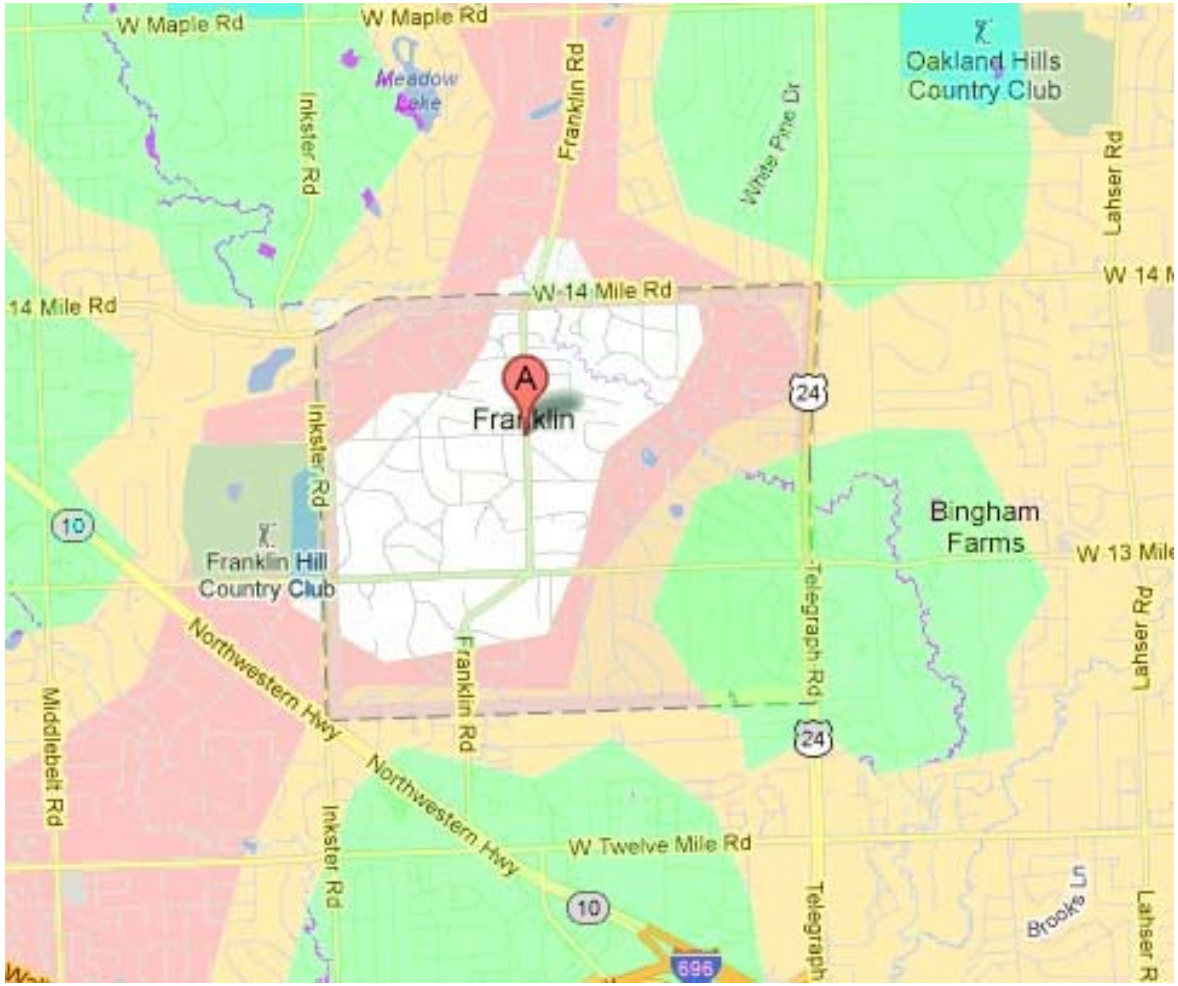
# Started with a recognized need



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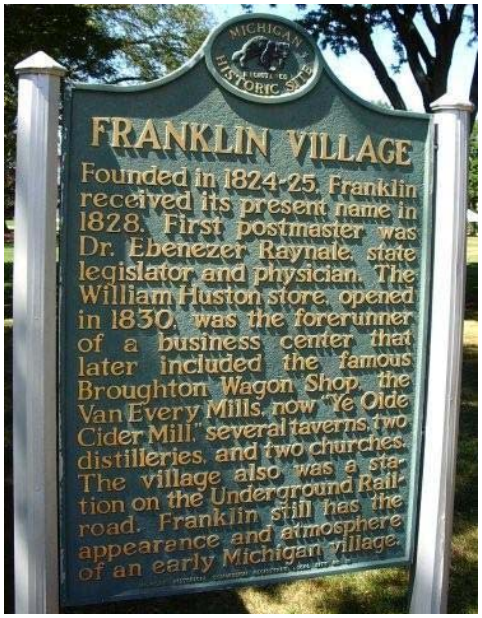
# Issues

- Demographics and Need (or at least Want !)
- Aesthetics
- Topography, Topology
- New Technology (DAS ?) 2004



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# Solution - DAS

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# Newest problem – Coverage is “shrinking”

The Fix is Physics



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# The Fix

## Get the Antenna Closer to the User

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## Wireless provides ….

- Essential Service
- Stimulates Economic Development, Competition, and Services
- Improves Access and Civic Engagement
- Improves Efficiency Within Municipalities

## DAS is ….

- Ubiquitous
- Non-Intrusive
- Reliable
- Secure
- Open, Neutral & Non-Discriminatory
- Cost Effective
- A Greener Technology


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