

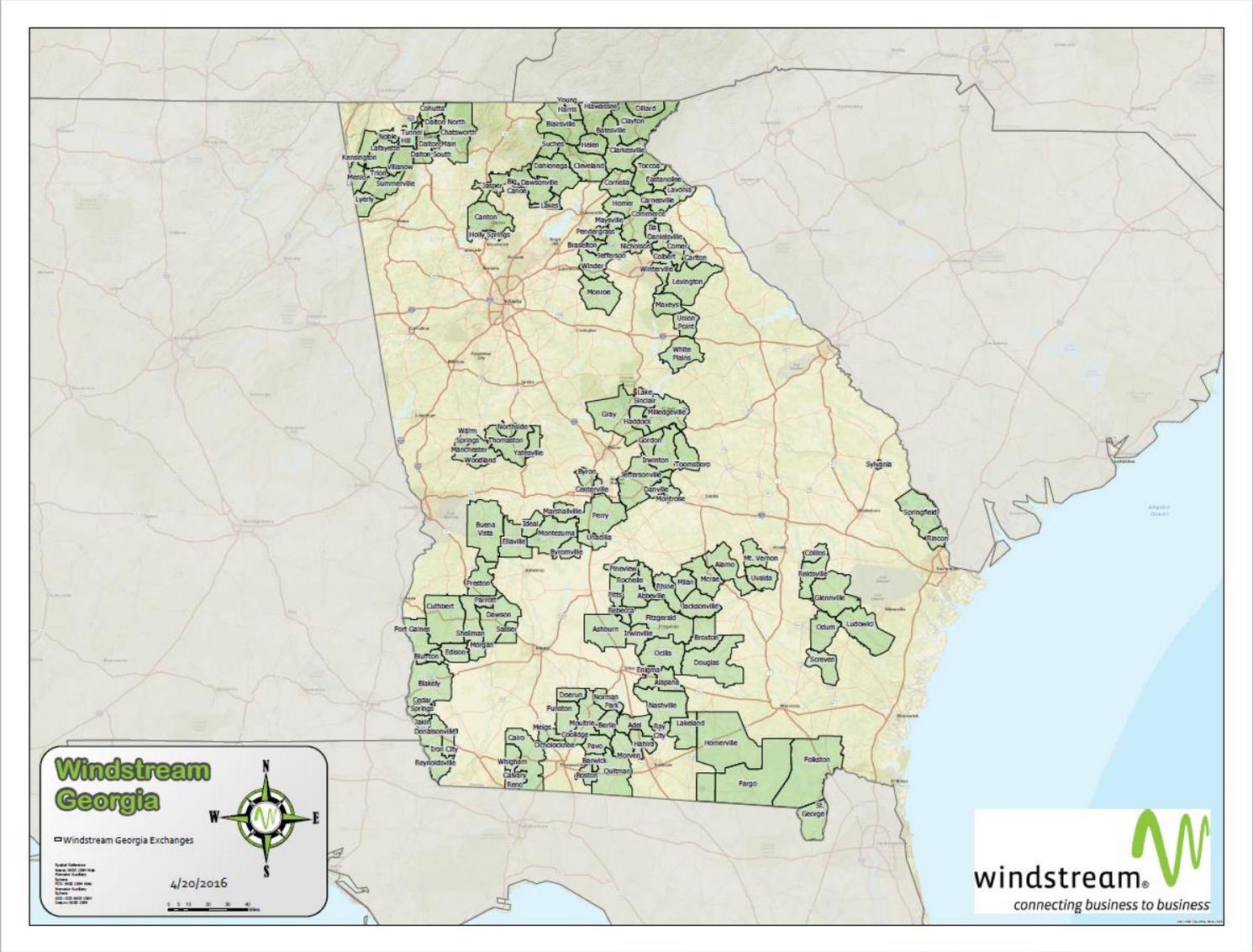


SunCatcherStudio.com

**Michael Foor – Kinetic by Windstream
VP - State Government Affairs**



Areas we serve



- **Since 2014, Windstream has invested over \$500M to bring service to Georgia residents and businesses.**
- **Over 450,000 Georgians now have access to speeds of 25 Mbps or greater**
 - Approx. 250,000 > 100 Mbps
 - Approx. 80,000 300 Mbps
 - Approx. 28,000 Gig
- **2019 Military Times Best for Vets**
- **1,148 Employees living in the communities they serve**
- **123 Field Operations new hires in Rural GA 2018-2019**
- **Gig City – Moultrie: Fiber to 10,000 plus in a Rural GA community**
- **Serve 106 counties in Georgia**



Building a World Class Broadband Network

	25 Mbps to 40 Mbps	50 Mbps to 75 Mbps	100 Mbps to 500 Mbps	1 Gbps
2013	2,512	0	0	0
2019	111,074	91,559	223,200	28,167

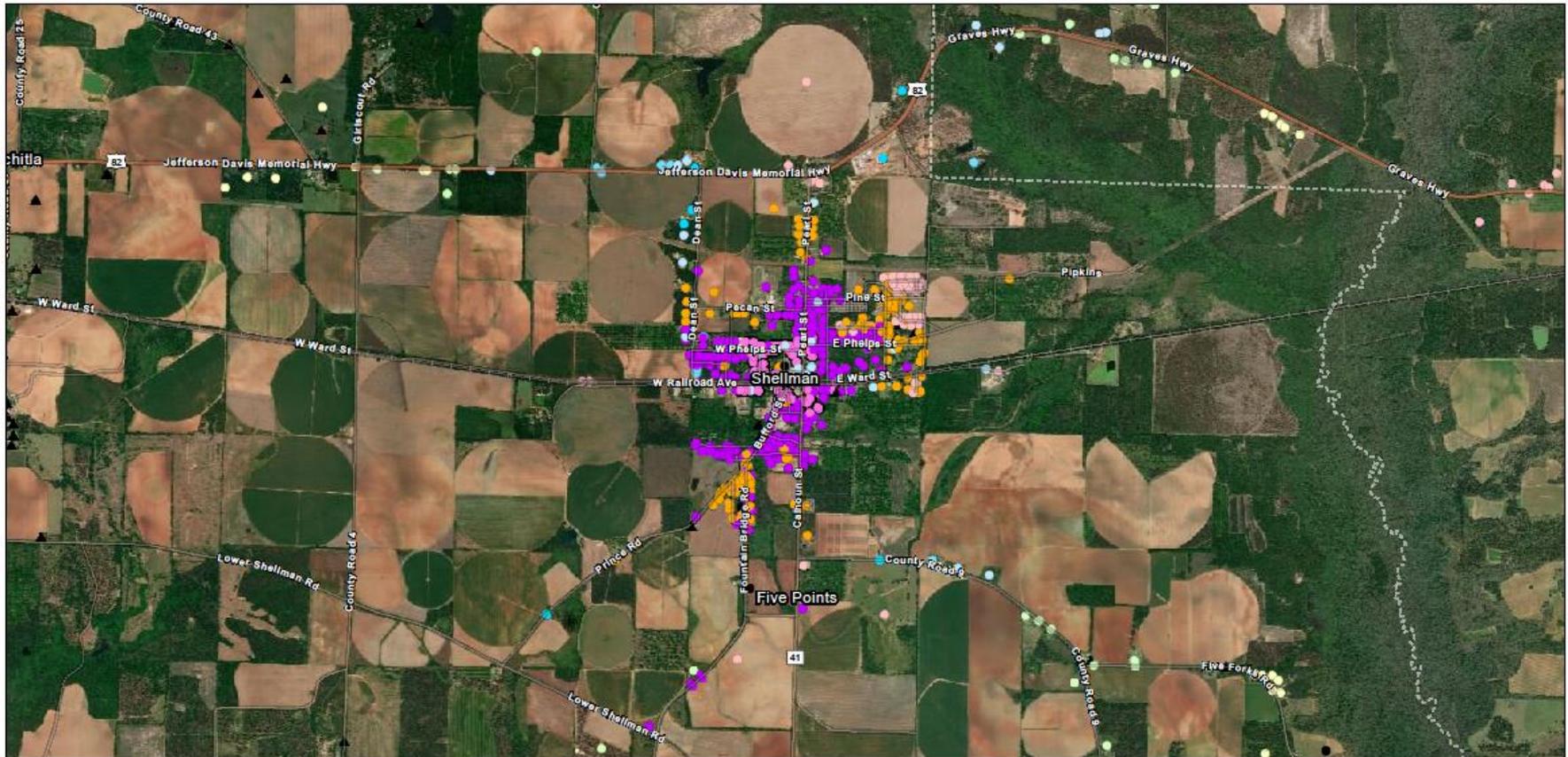
Using every tool in the toolbox:

- Fiber to the Premise: Nearly 40,000 by year-end
- VDSL2 FTTN: 150 + Deployments
- Broadband over Coax: 80,000 plus HH's
- Broadband Amps
- Wireless



Rural Community Example: Shellman, Ga

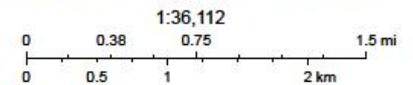
Shellman Georgia



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Households

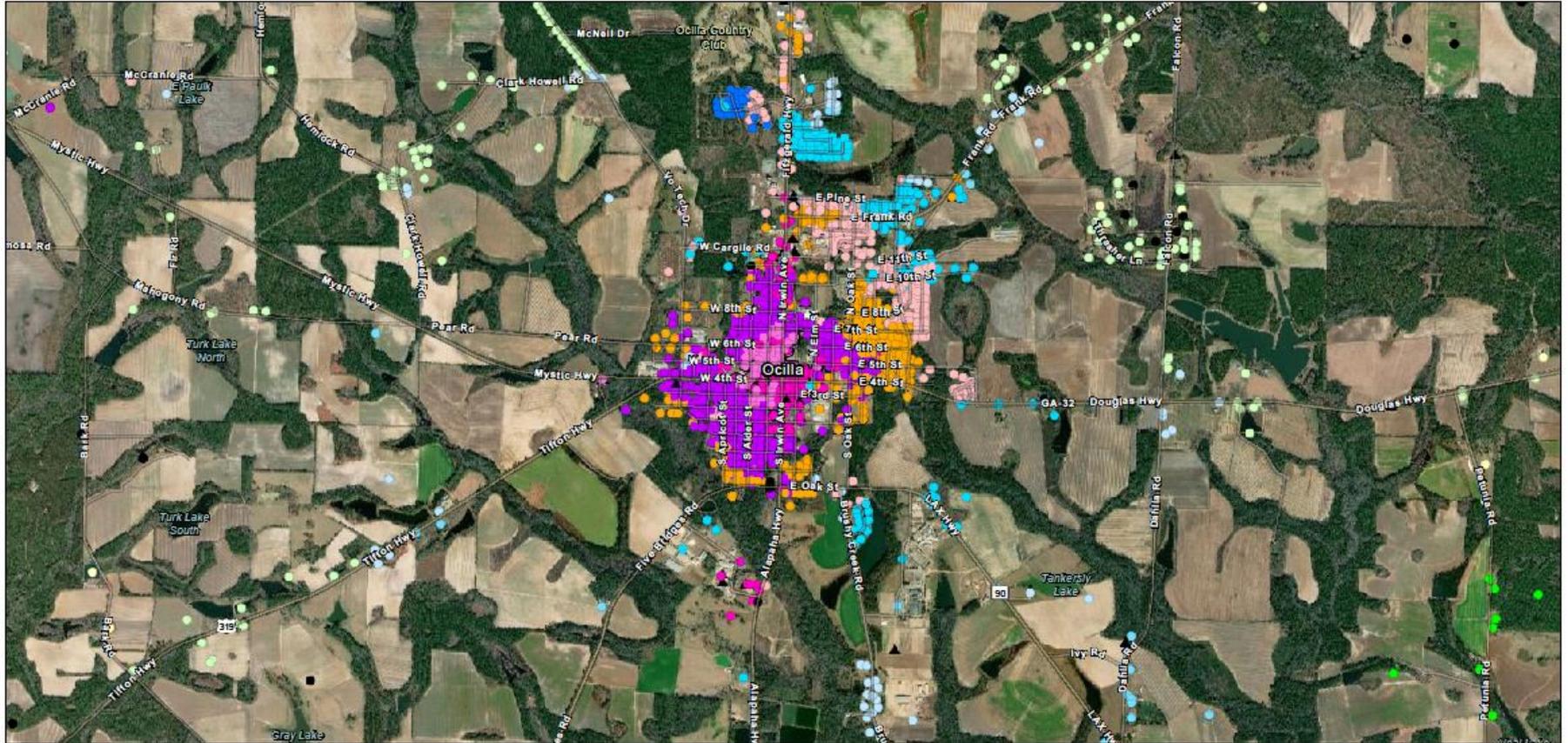
- | | | | | |
|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------------|
| ● Qualified up to 1 Gbps | ● Qualified up to 75 Mb | ● Qualified up to 16 Mb | ● Qualified up to 6 Mb | ■ Qualified for Internet Access |
| ● Qualified up to 200 Mb | ● Qualified up to 50 Mb | ● Qualified up to 15 Mb | ● Qualified up to 4 Mb | ● Others |
| ● Qualified up to 100 Mb | ● Qualified up to 25 Mb | ● Qualified up to 12 Mb | ● Qualified up to 3 Mb | ▲ No Speed Listed |
| ● Qualified up to 20 Mb | ● Qualified up to 10 Mb | ● Qualified up to 10 Mb | ● Qualified up to 1.5 Mb | |



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rural Community Example: Ocilla, Ga

Ocilla Georgia

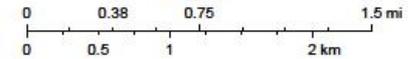


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Households



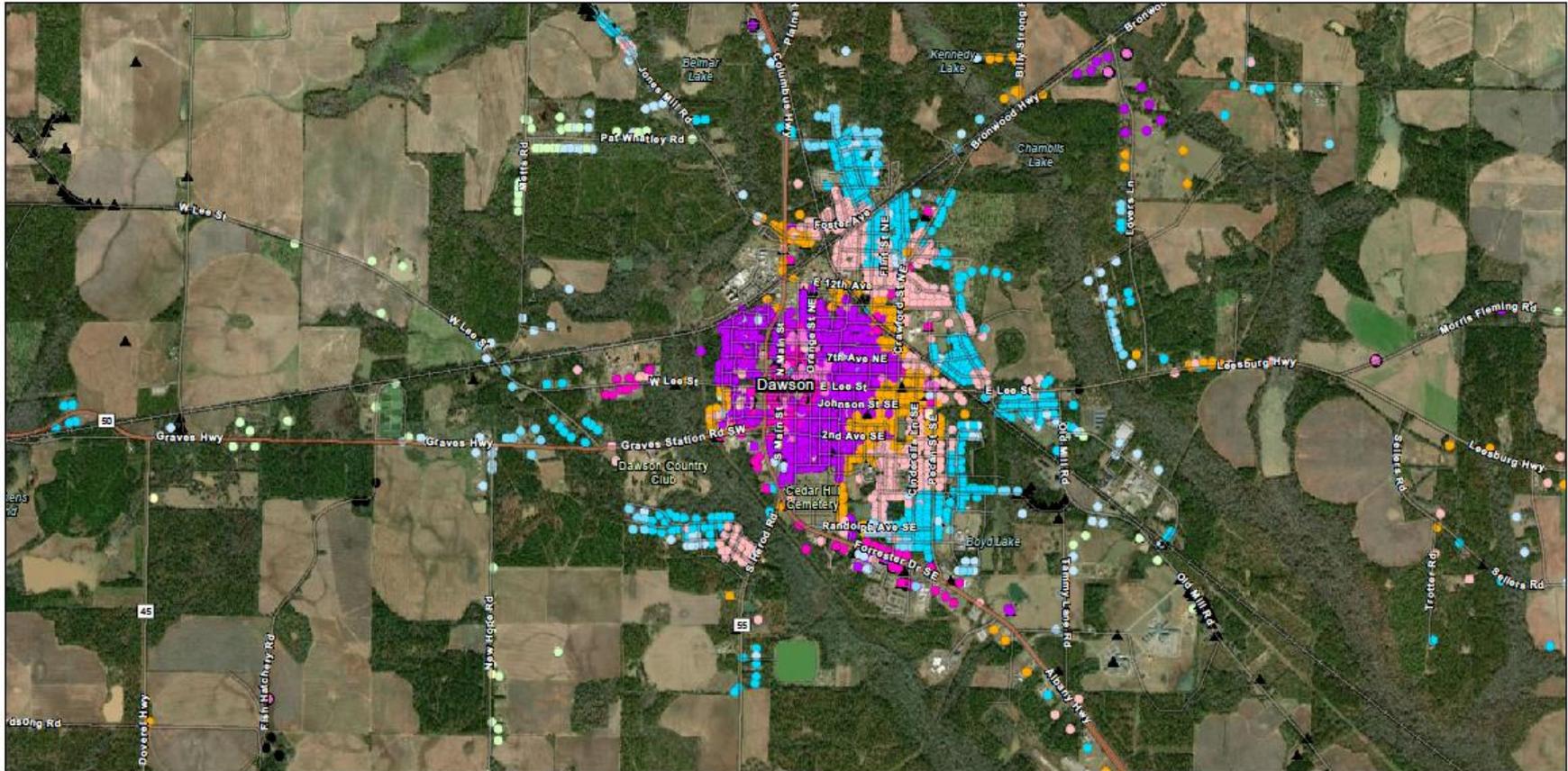
1:36,112



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rural Community Example: Dawson, Ga

Dawson Georgia

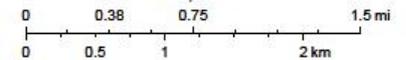


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Households

- Qualified up to 1 Gbps
- Qualified up to 200 Mb
- Qualified up to 100 Mb
- Qualified up to 75 Mb
- Qualified up to 50 Mb
- Qualified up to 25 Mb
- Qualified up to 20 Mb
- Qualified up to 16 Mb
- Qualified up to 15 Mb
- Qualified up to 12 Mb
- Qualified up to 10 Mb
- Qualified up to 6 Mb
- Qualified up to 4 Mb
- Qualified up to 3 Mb
- Qualified up to 1.5 Mb
- Qualified for Internet Access
- Others
- ▲ No Speed Listed

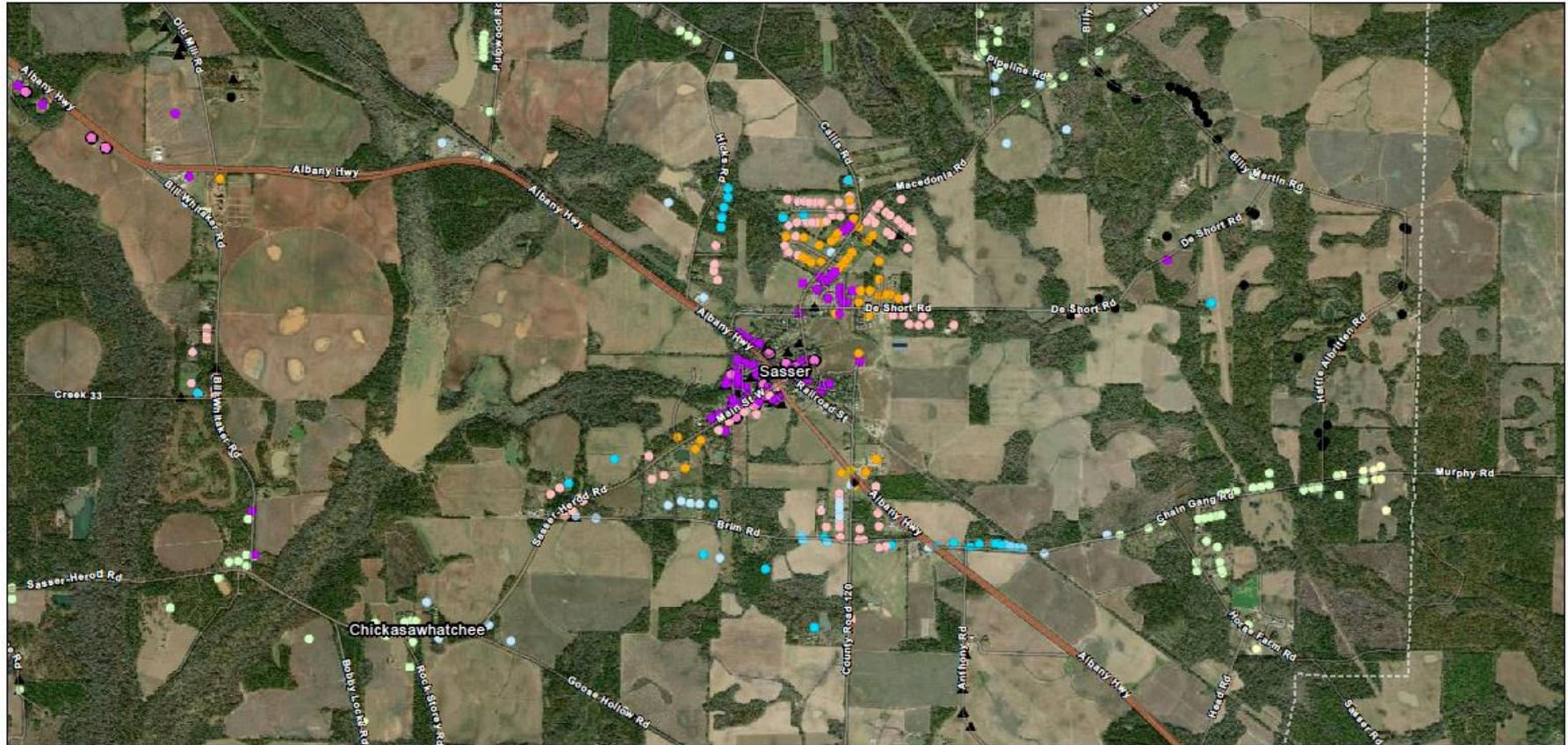
1:36,112



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rural Community Example: Sasser, Ga

Sasser Georgia

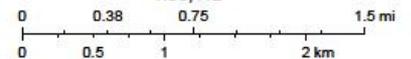


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Households

- | | | | |
|--------------------------|-------------------------|--------------------------|---------------------------------|
| ● Qualified up to 1 Gbps | ● Qualified up to 75 Mb | ● Qualified up to 16 Mb | ■ Qualified for Internet Access |
| ● Qualified up to 200 Mb | ● Qualified up to 50 Mb | ● Qualified up to 15 Mb | ● Others |
| ● Qualified up to 100 Mb | ● Qualified up to 25 Mb | ● Qualified up to 12 Mb | ▲ No Speed Listed |
| | ● Qualified up to 20 Mb | ● Qualified up to 10 Mb | |
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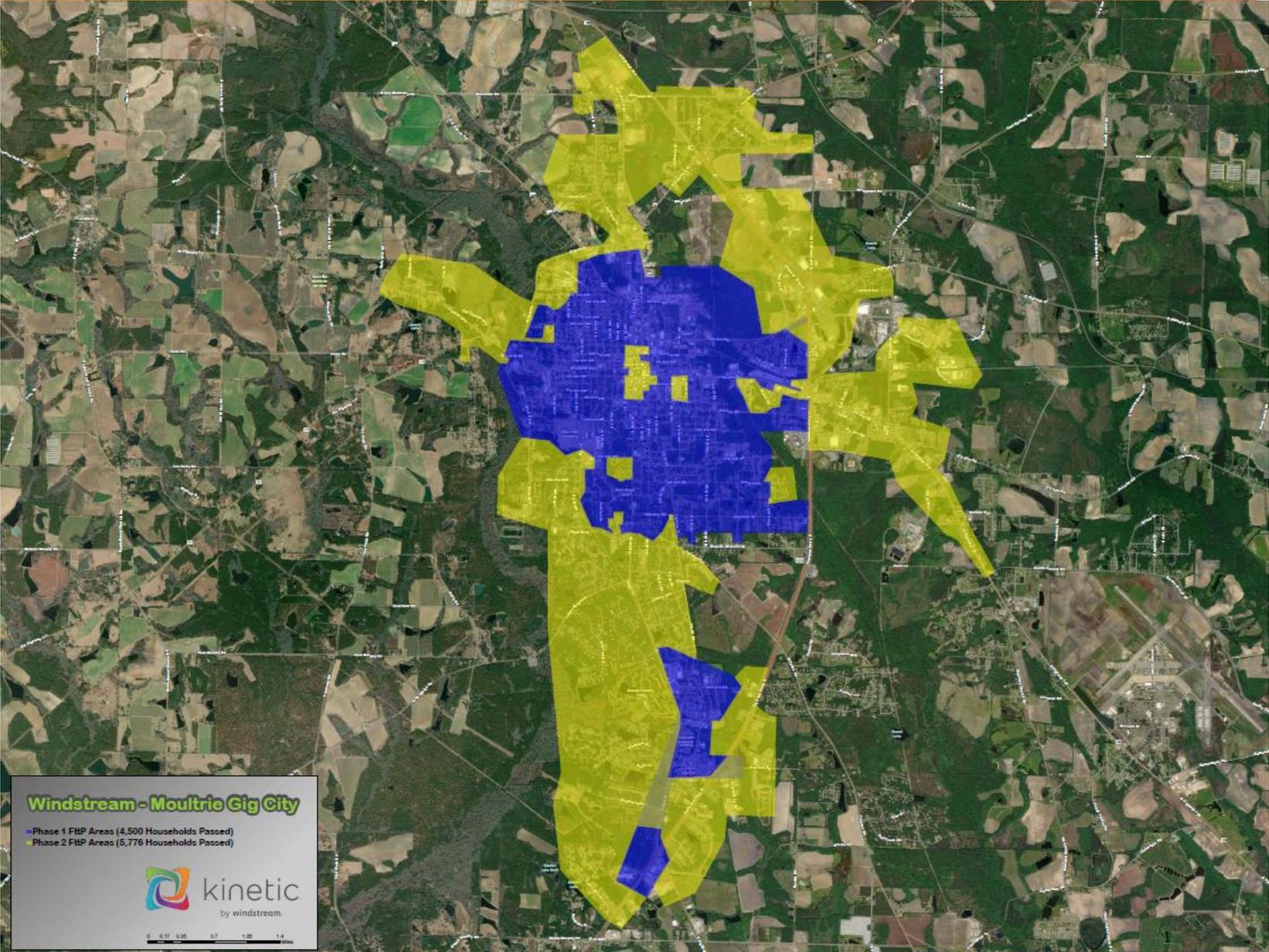


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Moultrie, GA "GIG CITY"



kinetic
by windstream



Windstream - Moultrie Gig City

- Phase 1 FHP Areas (4,500 Households Passed)
- Phase 2 FHP Areas (5,776 Households Passed)

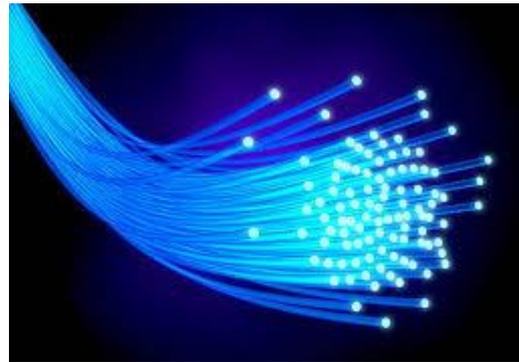


kinetic
by windstream.

0 0.17 0.34 0.51 0.68 1.02 Miles



- Wireless (\$26M investment in spectrum)
- Fiber Optic
- Edge-Out
- Partnerships with communities
- Partnerships with others





Thank you!

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