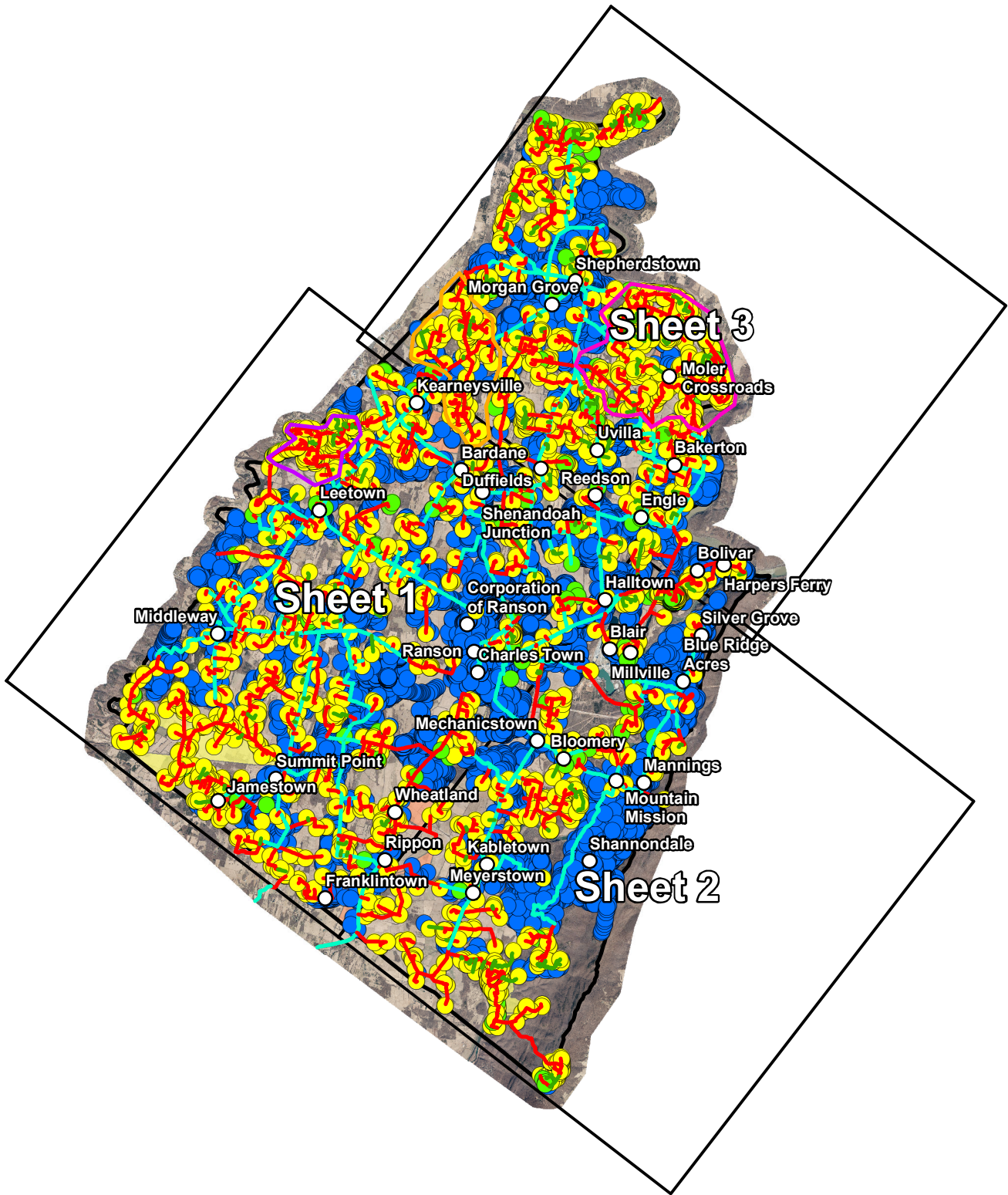
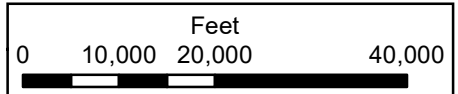


Jefferson County Broadband



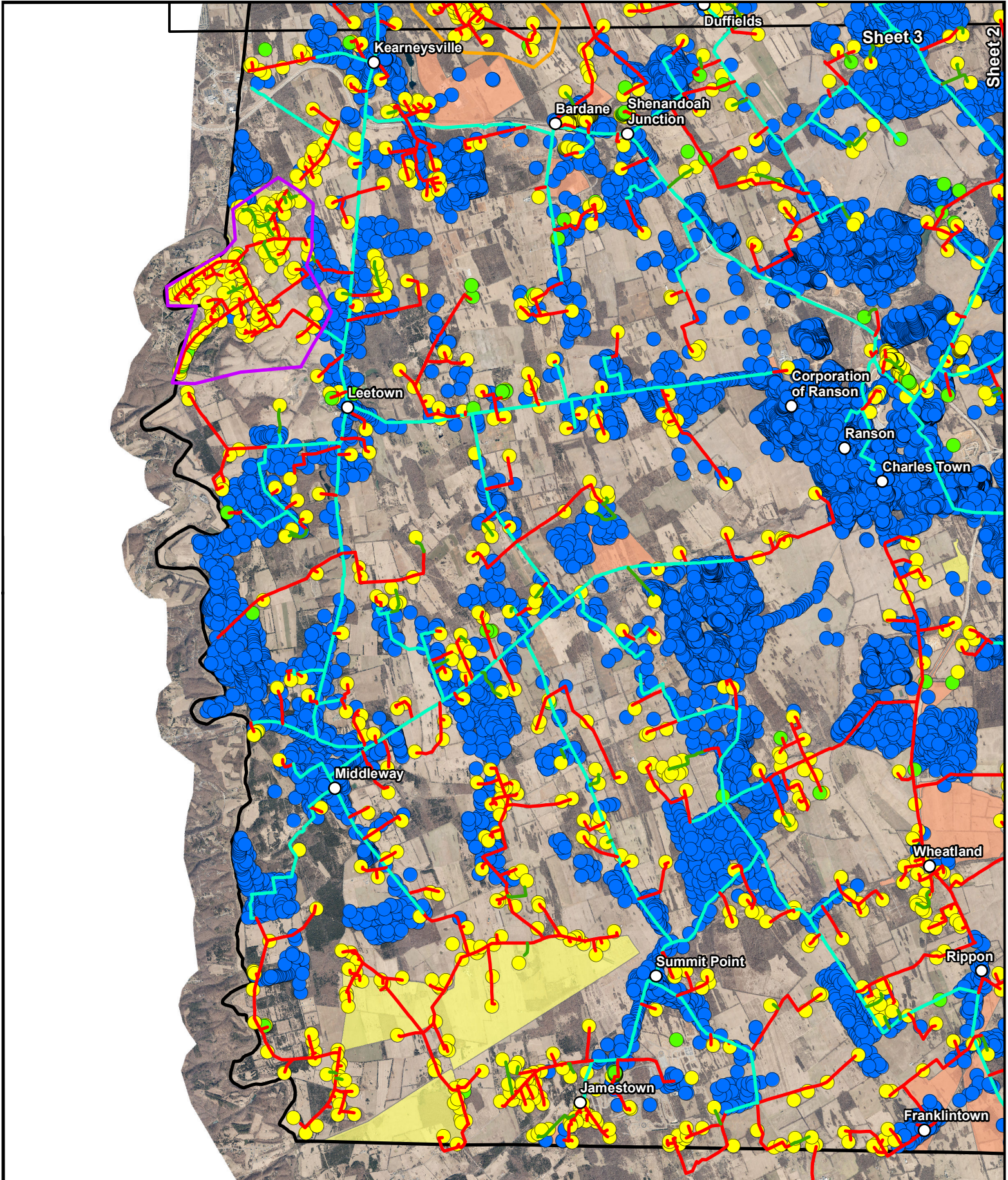
- Existing Route
- Proposed Fiber
- Proposed Buried Fiber
- Targeted Address
- Unserviceable Targeted Address
- Other Addresses
- Project 1 Boundary
- Project 2 Boundary
- Project 3 Boundary
- Frontier - RDOF
- Starlink Services, LLC - RDOF
- County Boundary
- Index




Sheet

INDEX

Jefferson County Broadband

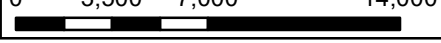


Existing Route	Other Addresses	Starlink Services, LLC - RDOF
Proposed Fiber	Project 1 Boundary	County Boundary
Proposed Buried Fiber	Project 2 Boundary	Index
Targeted Address	Project 3 Boundary	
Unserviceable Targeted Address	Frontier - RDOF	



0 3,500 7,000 14,000

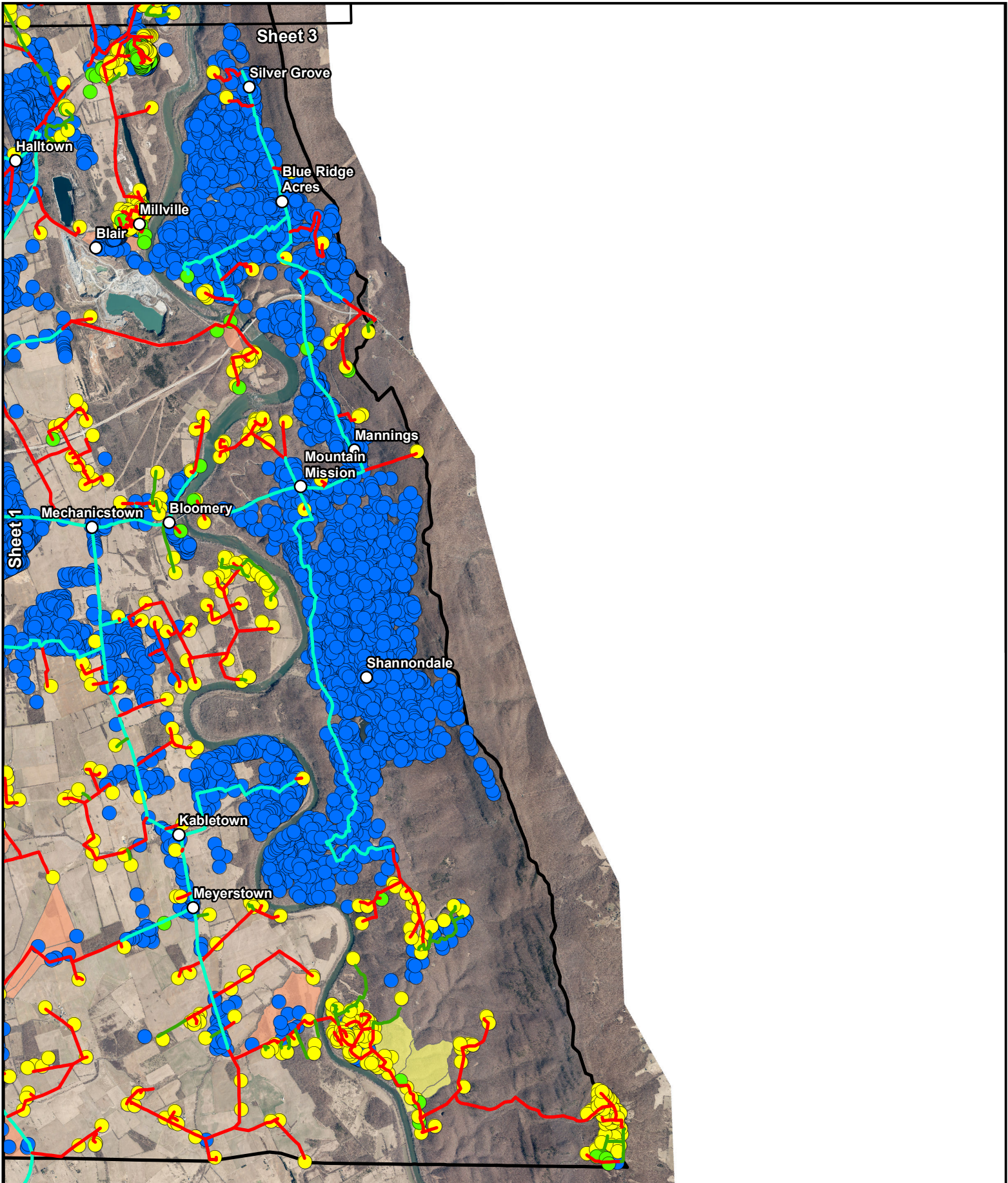
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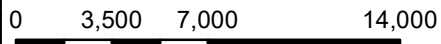


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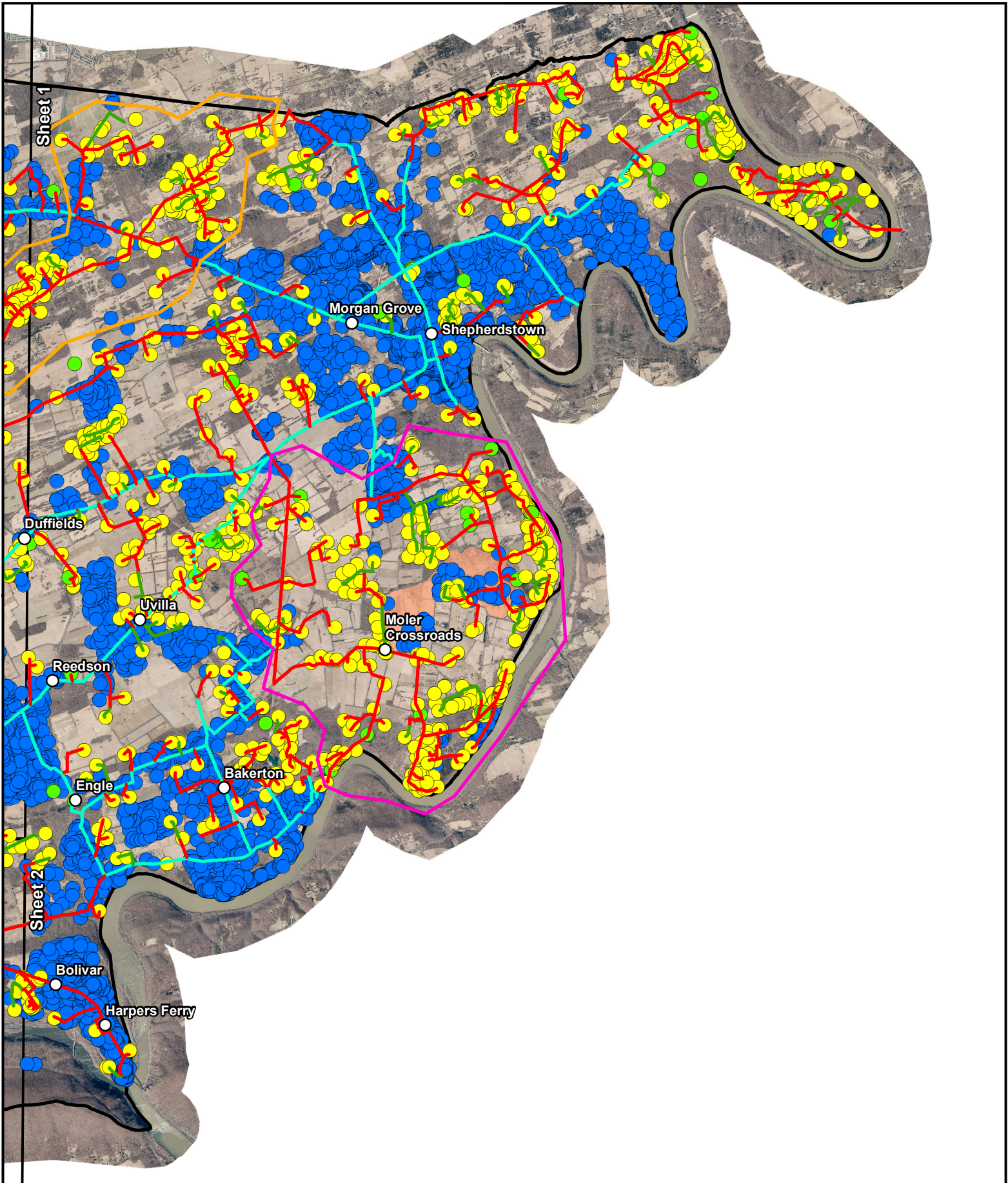
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Jefferson County Broadband

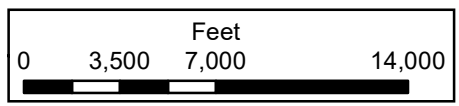


<ul style="list-style-type: none"> — Existing Route — Proposed Fiber — Proposed Buried Fiber ● Targeted Address ● Unserviceable Targeted Address 	<ul style="list-style-type: none"> ● Other Addresses Project 1 Boundary Project 2 Boundary Project 3 Boundary Frontier - RDOF 	<ul style="list-style-type: none"> Starlink Services, LLC - RDOF County Boundary Index 		<p>Feet</p> <p>0 3,500 7,000 14,000</p> 	<p>Sheet</p> <p>2</p>
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Jefferson County Broadband



- Existing Route
- Proposed Fiber
- Proposed Buried Fiber
- Targeted Address
- Unserviceable Targeted Address
- Other Addresses
- Project 1 Boundary
- Project 2 Boundary
- Project 3 Boundary
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Jefferson County, WV - 2023 ROC Study - Cost Estimate - Whole County

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	331.15	\$1,821,325
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	331.15	\$496,725
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	288.22	\$4,323,300
Aerial Construction Labor	\$50,000.00	Per Mile	288.22	\$14,411,000
Underground Construction Labor	\$150,000.00	Per Mile	42.93	\$6,439,500
Project Construction Contingency 10%	\$2,085,050.00	Lump Sum	1	\$2,085,050
Legal 1.5%	\$312,757.50	Lump Sum	1	\$312,758
Administrative 2%	\$417,010.00	Lump Sum	1	\$417,010
Total Cost =				\$30,306,668

Jefferson County, WV - 2023 ROC Study - Cost Estimate - Project #1

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	10.63	\$58,465
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	10.63	\$15,945
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	9.05	\$135,750
Aerial Construction Labor	\$50,000.00	Per Mile	9.05	\$452,500
Underground Construction Labor	\$150,000.00	Per Mile	1.58	\$237,000
Project Construction Contingency 10%	\$68,950.00	Lump Sum	1	\$68,950
Legal 1.5%	\$10,342.50	Lump Sum	1	\$10,343
Administrative 2%	\$13,790.00	Lump Sum	1	\$13,790
Total Cost =				\$992,743

Jefferson County, WV - 2023 ROC Study - Cost Estimate - Project #2

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	32.34	\$177,870
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	32.34	\$48,510
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	26.54	\$398,100
Aerial Construction Labor	\$50,000.00	Per Mile	26.54	\$1,327,000
Underground Construction Labor	\$150,000.00	Per Mile	5.80	\$870,000
Project Construction Contingency 10%	\$219,700.00	Lump Sum	1	\$219,700
Legal 1.5%	\$32,955.00	Lump Sum	1	\$32,955
Administrative 2%	\$43,940.00	Lump Sum	1	\$43,940
Total Cost =				\$3,118,075

Jefferson County, WV - 2023 ROC Study - Cost Estimate - Project #3

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	15.31	\$84,205
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	15.31	\$22,965
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	13.69	\$205,350
Aerial Construction Labor	\$50,000.00	Per Mile	13.69	\$684,500
Underground Construction Labor	\$150,000.00	Per Mile	1.62	\$243,000
Project Construction Contingency 10%	\$92,750.00	Lump Sum	1	\$92,750
Legal 1.5%	\$13,912.50	Lump Sum	1	\$13,913
Administrative 2%	\$18,550.00	Lump Sum	1	\$18,550
Total Cost =				\$1,365,233