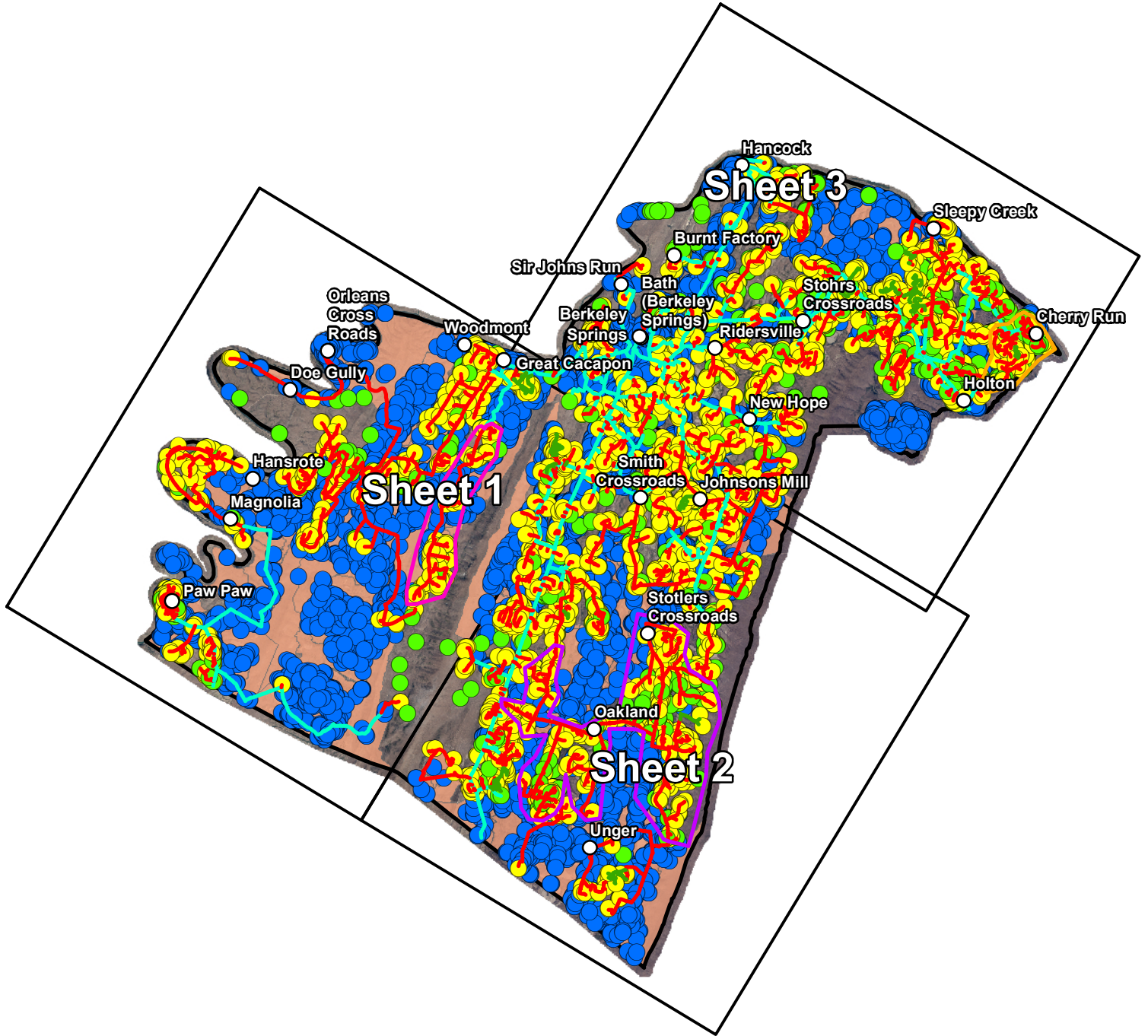
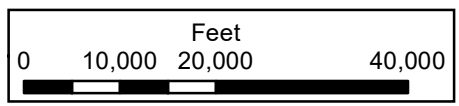


Morgan County Broadband

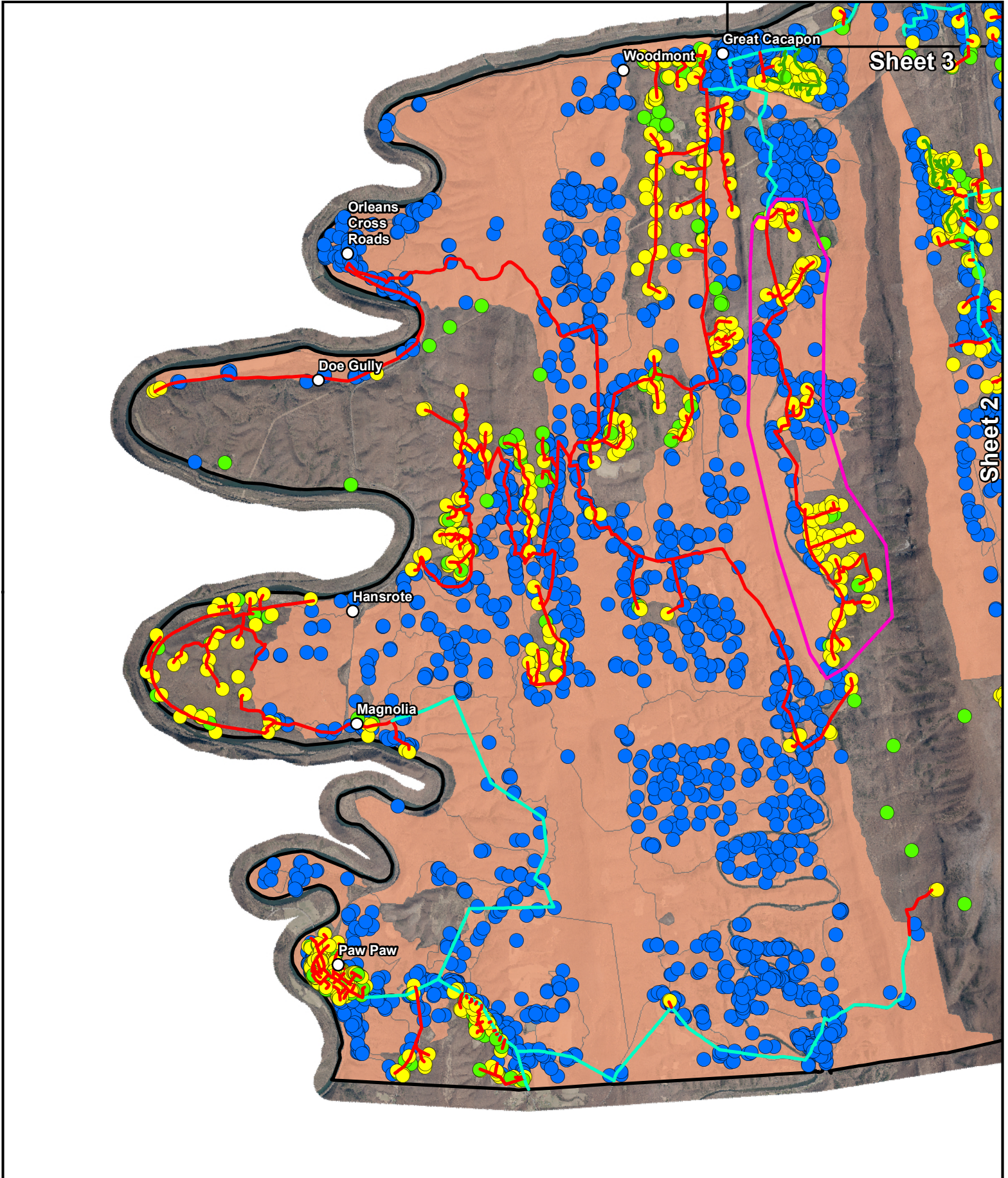


- Existing Route
- Proposed Fiber
- Proposed Buried Fiber
- Targeted Address
- Unserviceable Targeted Address
- Other Addresses
- Project 1 Boundary
- Project 2 Boundary
- Project 3 Boundary
- Frontier - RDOF
- County Boundary
- Index



Sheet
INDEX

Morgan County Broadband



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

0 3,500 7,000 14,000

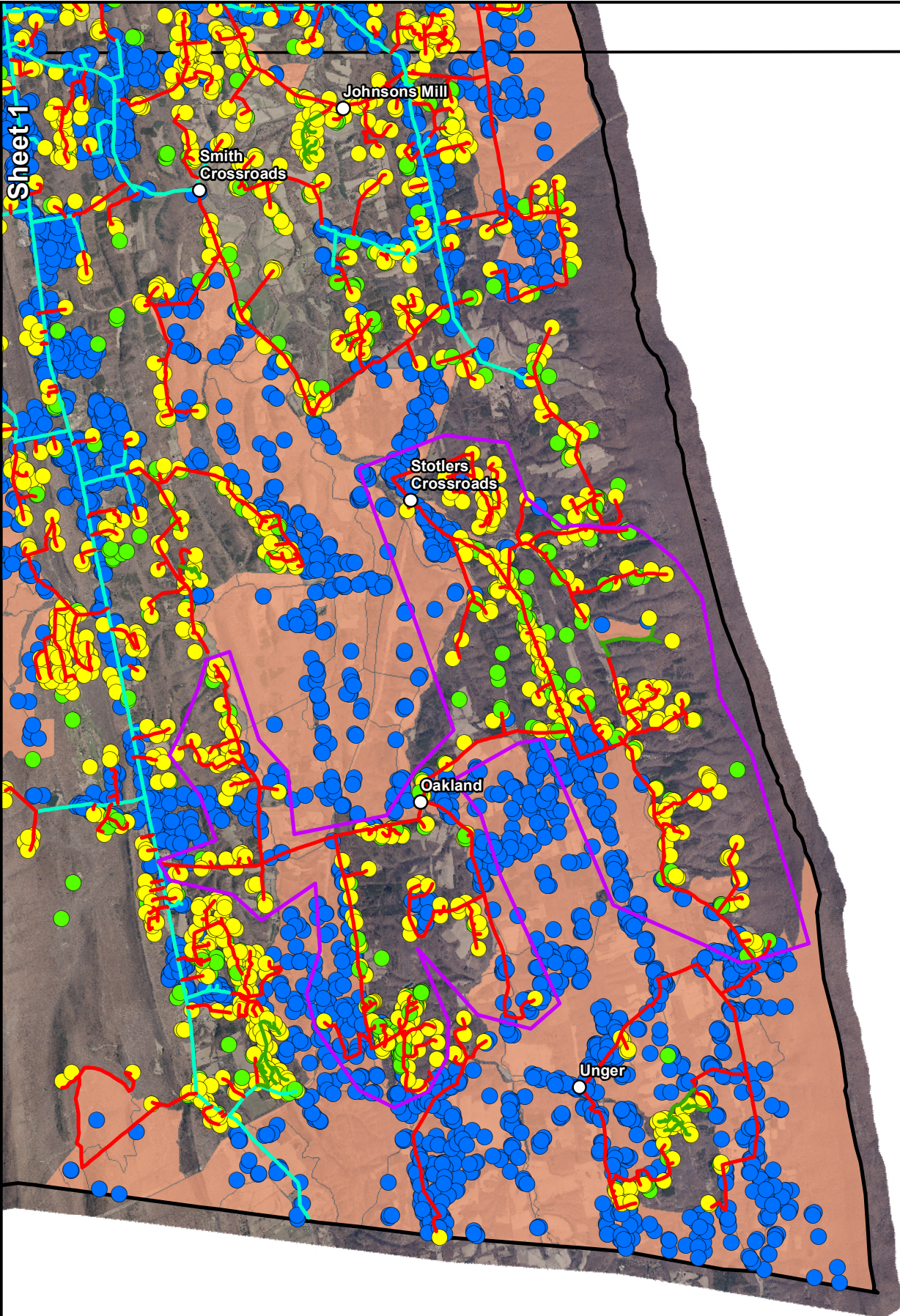
Feet

Sheet

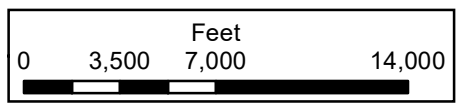
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Morgan County Broadband

Sheet 3



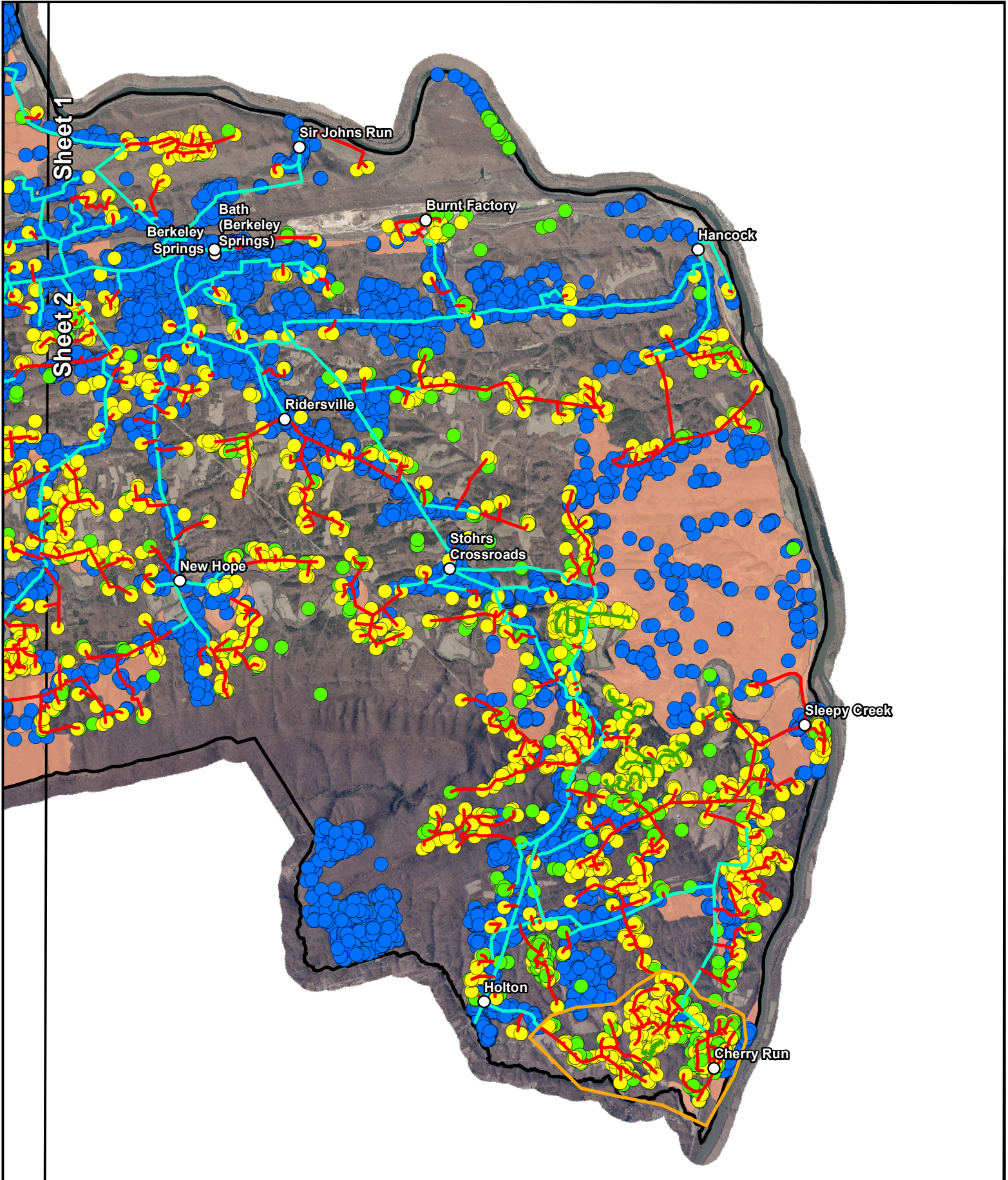
- Existing Route
- Proposed Fiber
- Proposed Buried Fiber
- Targeted Address
- Unserviceable Targeted Address
- Other Addresses
- Project 1 Boundary
- Project 2 Boundary
- Project 3 Boundary
- Frontier - RDOF
- County Boundary
- Index



Sheet

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Morgan 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"> County Boundary Index 		<p>0 3,500 7,000 14,000</p> <p>Feet</p>	<p>Sheet</p> <p>3</p>
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Morgan County, WV - 2023 ROC Study - Cost Estimate -Whole County

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	311.06	\$1,710,830
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	311.06	\$466,590
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	294.72	\$4,420,800
Aerial Construction Labor	\$50,000.00	Per Mile	294.72	\$14,736,000
Underground Construction Labor	\$150,000.00	Per Mile	16.34	\$2,451,000
Project Construction Contingency 10%	\$1,718,700.00	Lump Sum	1	\$1,718,700
Legal 1.5%	\$257,805.00	Lump Sum	1	\$257,805
Administrative 2%	\$343,740.00	Lump Sum	1	\$343,740
			Total Cost =	\$26,105,465

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

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	44.32	\$243,760
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	44.32	\$66,480
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	43.44	\$651,600
Aerial Construction Labor	\$50,000.00	Per Mile	43.44	\$2,172,000
Underground Construction Labor	\$150,000.00	Per Mile	0.88	\$132,000
Project Construction Contingency 10%	\$230,400.00	Lump Sum	1	\$230,400
Legal 1.5%	\$34,560.00	Lump Sum	1	\$34,560
Administrative 2%	\$46,080.00	Lump Sum	1	\$46,080
Total Cost =				\$3,576,880

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

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	10.13	\$55,715
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	10.13	\$15,195
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	10.13	\$151,950
Aerial Construction Labor	\$50,000.00	Per Mile	10.13	\$506,500
Underground Construction Labor	\$150,000.00	Per Mile	0.00	\$0
Project Construction Contingency 10%	\$50,650.00	Lump Sum	1	\$50,650
Legal 1.5%	\$7,597.50	Lump Sum	1	\$7,598
Administrative 2%	\$10,130.00	Lump Sum	1	\$10,130
Total Cost =				\$797,738

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

Item	Unit Cost (\$)	Unit Type	Unit Quantities (#)	Total
Engineering	\$5,500.00	Per Mile	9.90	\$54,450
Permitting, Easements and Encroachment Acquisition	\$1,500.00	Per Mile	9.90	\$14,850
Pole Placement and Pole Make-Ready	\$15,000.00	Per Mile	9.25	\$138,750
Aerial Construction Labor	\$50,000.00	Per Mile	9.25	\$462,500
Underground Construction Labor	\$150,000.00	Per Mile	0.65	\$97,500
Project Construction Contingency 10%	\$56,000.00	Lump Sum	1	\$56,000
Legal 1.5%	\$8,400.00	Lump Sum	1	\$8,400
Administrative 2%	\$11,200.00	Lump Sum	1	\$11,200
Total Cost =				\$843,650