

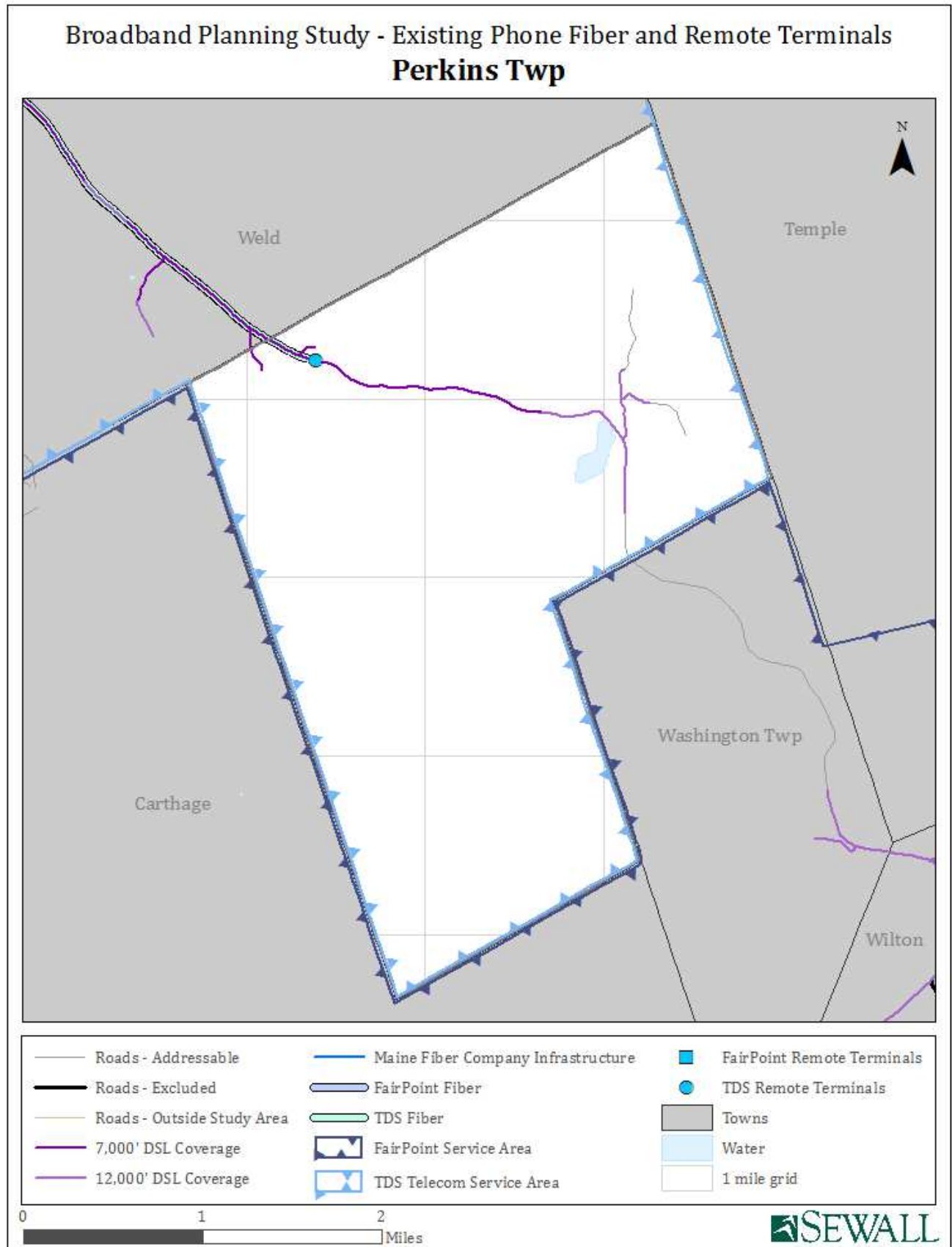
**C-24 Perkins Twp**

**Special Considerations**

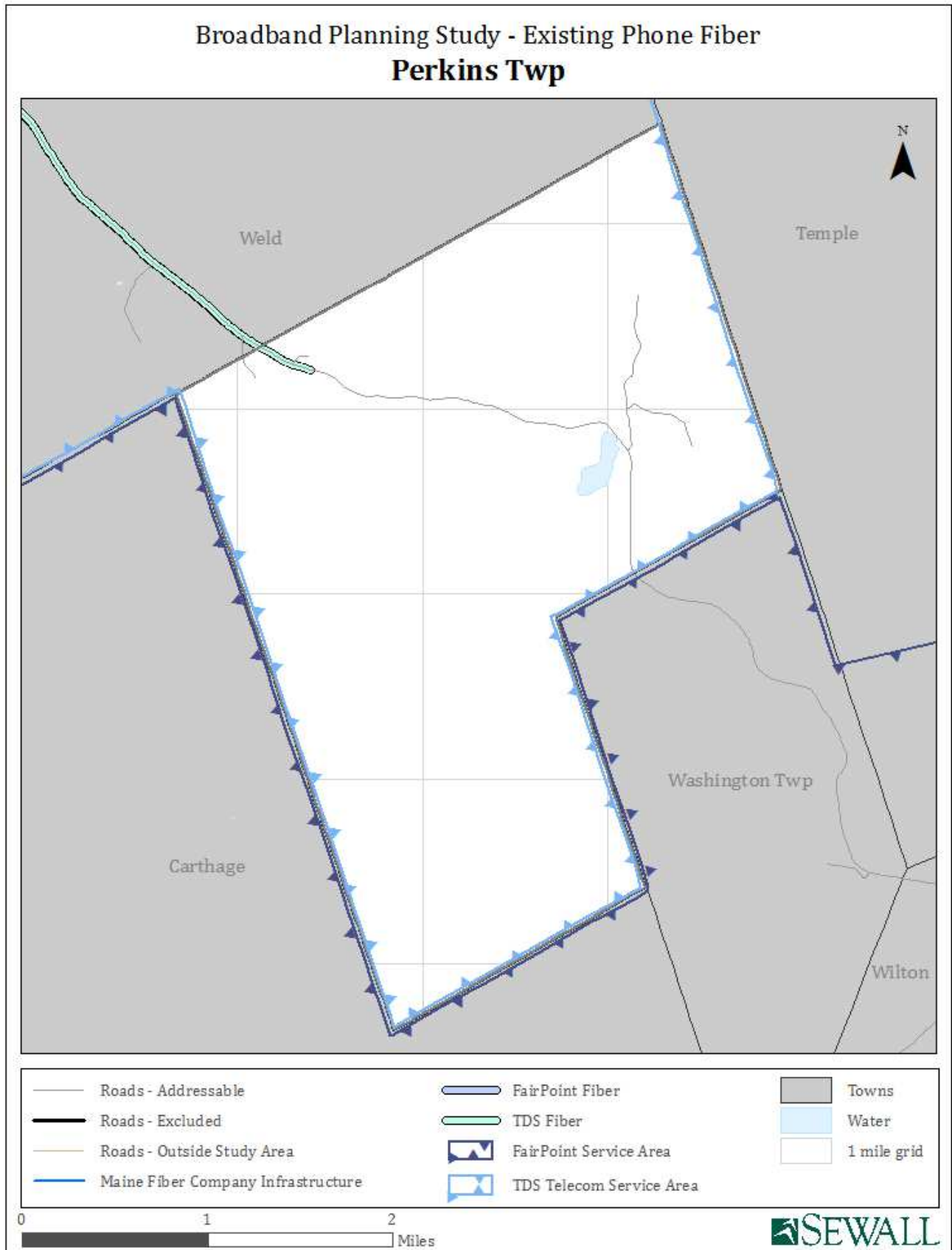
None

Perkins Township				
Statistical Data	Cost	Unit	Perkins Twp	Study Area Totals
911 Addresses			40	22,824
Total Road Mileage			4.5	1,637
Phone Fiber Mileage			0.3	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$40,000	mile	4.5	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	19	22,500
<i>Potential Subscribers per mile</i>			4	17
<b>Total Cost</b>			<b>\$192,723</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$10,143	\$3,123
<i>Per Mile</i>			\$42,965	\$51,558
10M/10M Gap Miles	\$35,000	mile	4.5	910
10M/10M Gap 911 Addresses	\$ 350	sub	19	8,351
<i>Potential Subscribers per mile</i>			4	9
<b>Total Cost</b>			<b>\$163,645</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$8,613	\$4,164
<i>Per Mile</i>			\$36,483	\$38,212
Potential private investment			\$34,658	\$15,955,247
Potential public subsidy			\$128,987	\$18,820,972
25M/3M Gap Miles			2.6	650
25M/3M Gap 911 Addresses			12	4,931
25M/3M New RT Quantity	\$25,000		1	270
25M/3M New Fiber Miles	\$25,000		1.9	182
<i>Potential Subscribers per mile</i>			5	8
<b>Total Cost</b>			\$71,416	\$11,305,524
<i>Per Potential Subscriber</i>			\$5,951	\$2,293
Potential private investment			\$16,506	\$4,286,572
Potential public subsidy			\$54,910	\$7,018,952
10M/1M Gap Miles			1.1	407
10M/1M Gap 911 Addresses			4	2,925
10M/1M New RT Quantity	\$25,000		1	93
10M/1M New Fiber Miles	\$25,000		1.9	74
<i>Potential Subscribers per mile</i>			4	7
<b>Total Cost</b>			\$71,484	\$4,167,973
<i>Per Potential Subscriber</i>			\$17,871	\$1,425
Potential private investment			\$13,500	\$1,497,587
Potential public subsidy			\$57,983	\$2,670,386
CAF-II Funded Locations			-	2,429
A-CAM Funded Locations			41	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$1,710	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$2,960	\$899,395
Insurance	\$183	mile	\$823	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$897	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$238	\$281,250
Administration	\$30	sub	\$285	\$337,500
<b>Total Operating Expense</b>			<b>\$5,203</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$3,493)</b>	<b>(\$15,689)</b>

### Perkins Twp Existing Phone Fiber & Remote Terminals Map 1

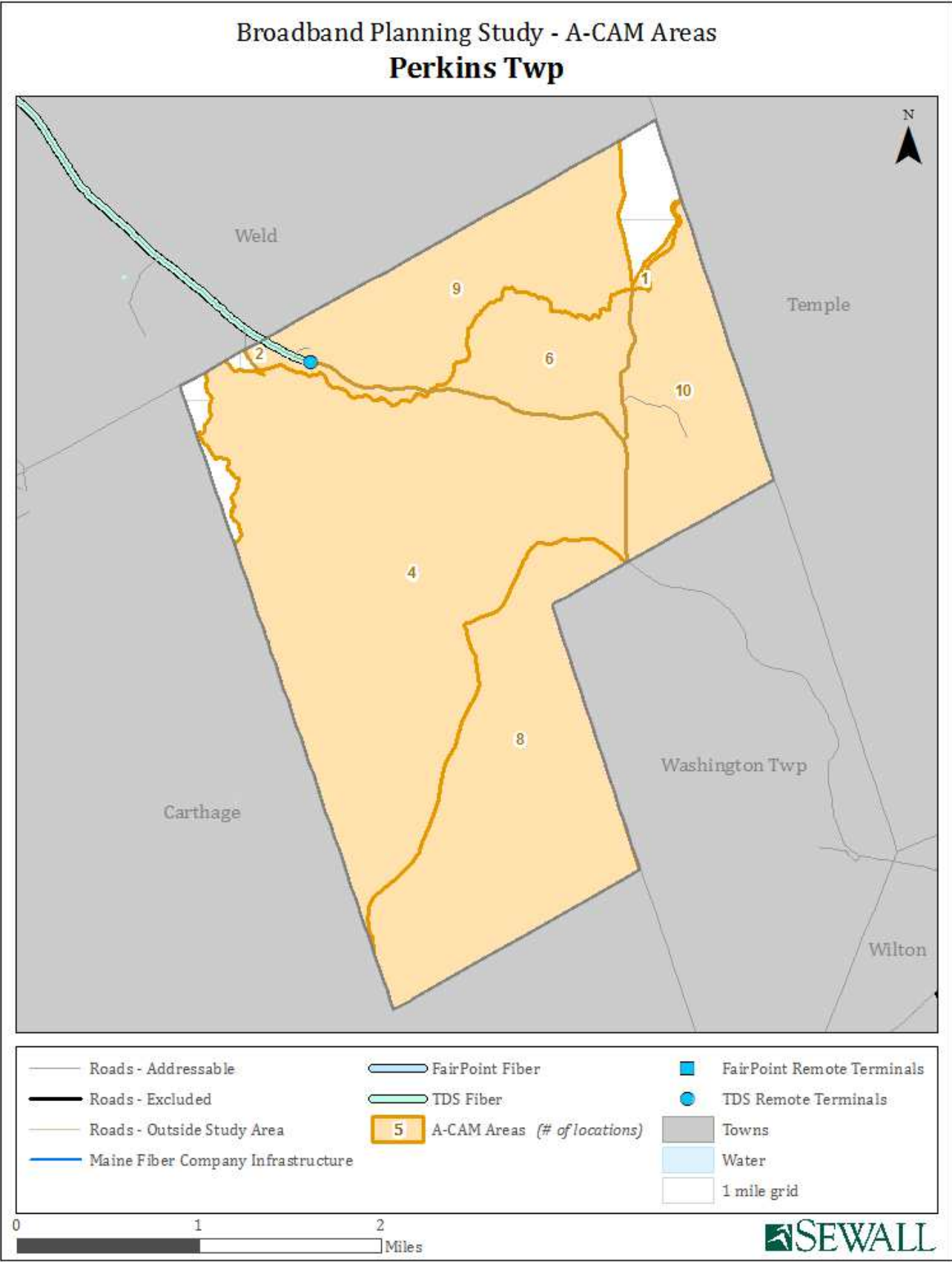


## Perkins Twp Existing Phone Fiber Map 2

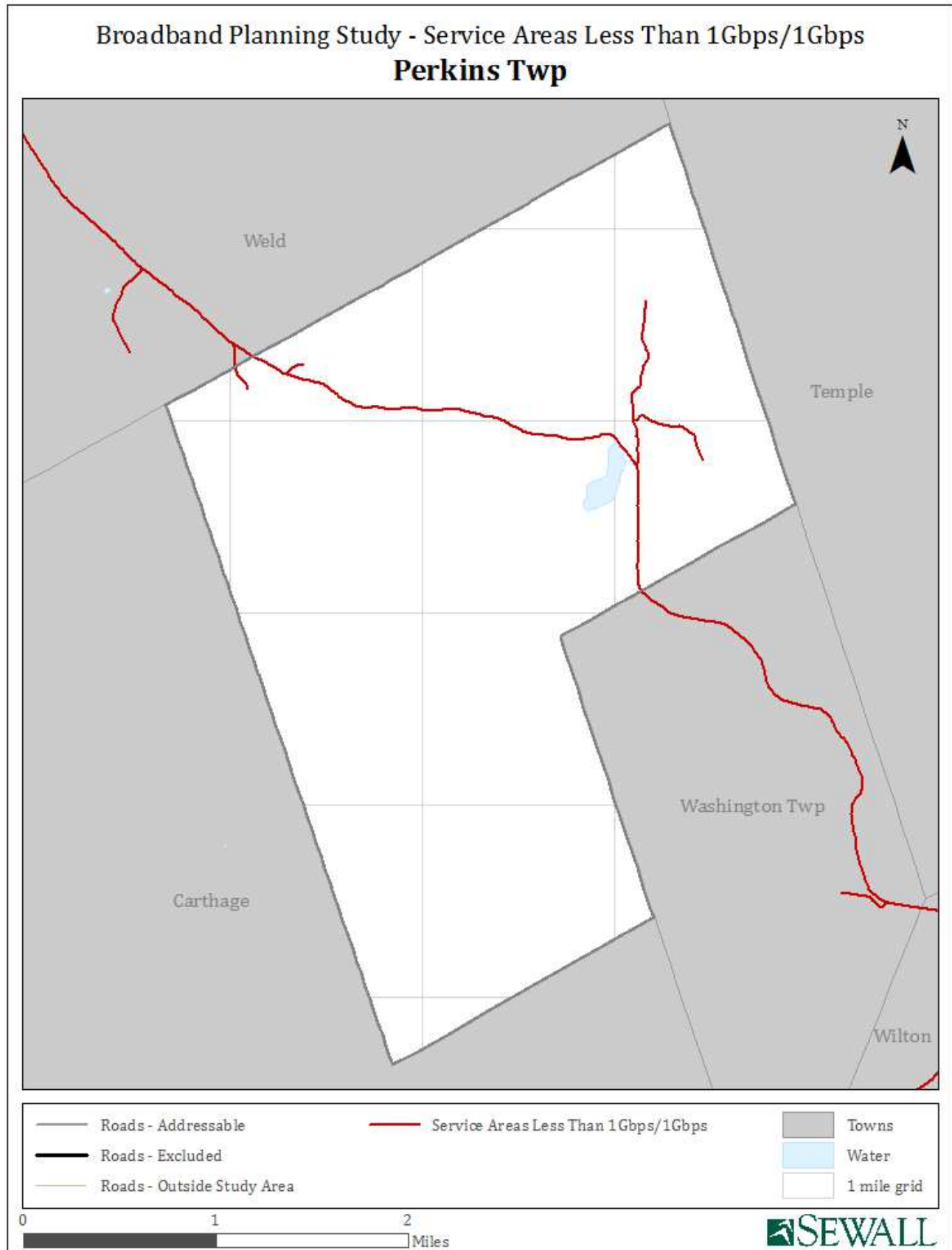




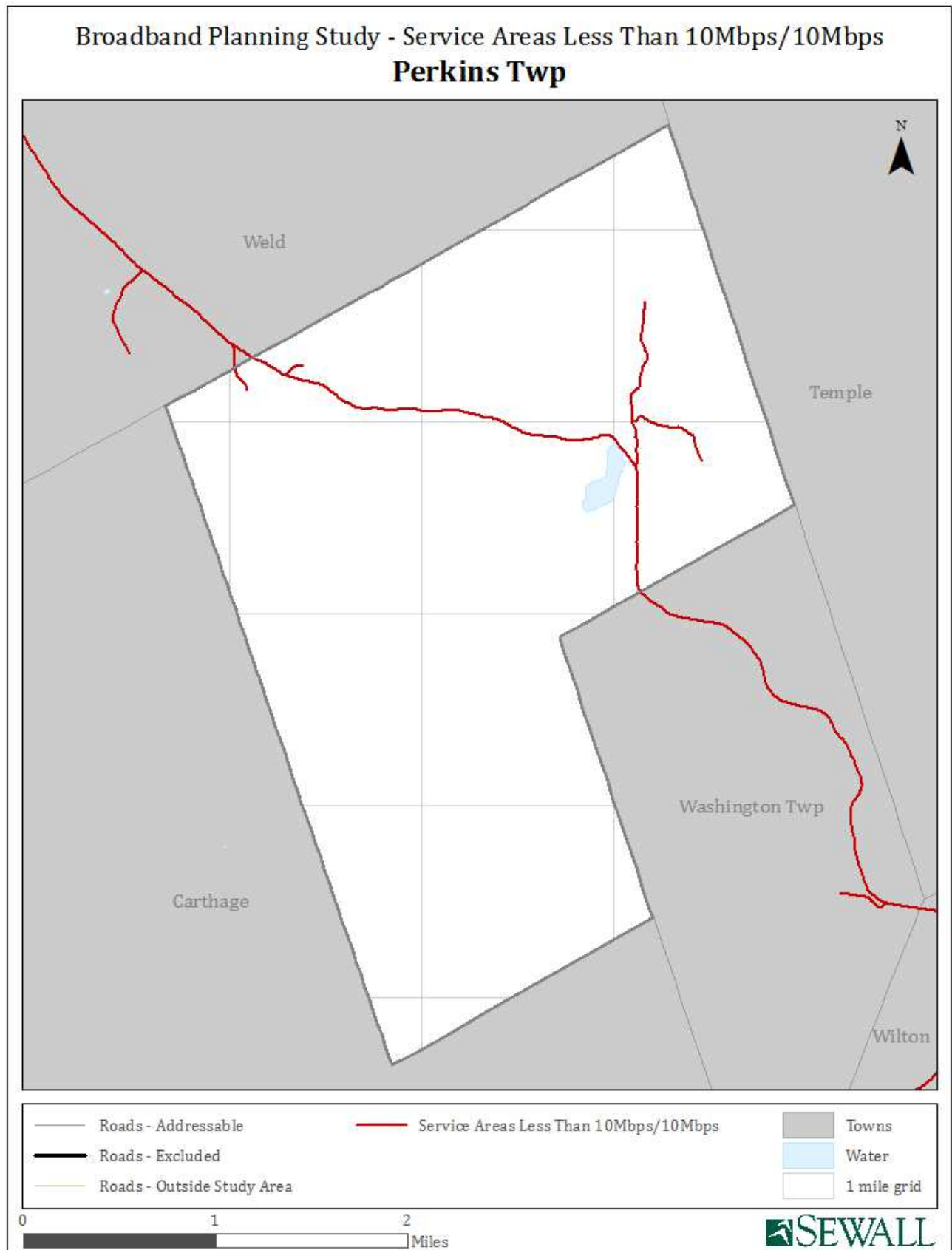
Perkins Twp A-CAM Map 4



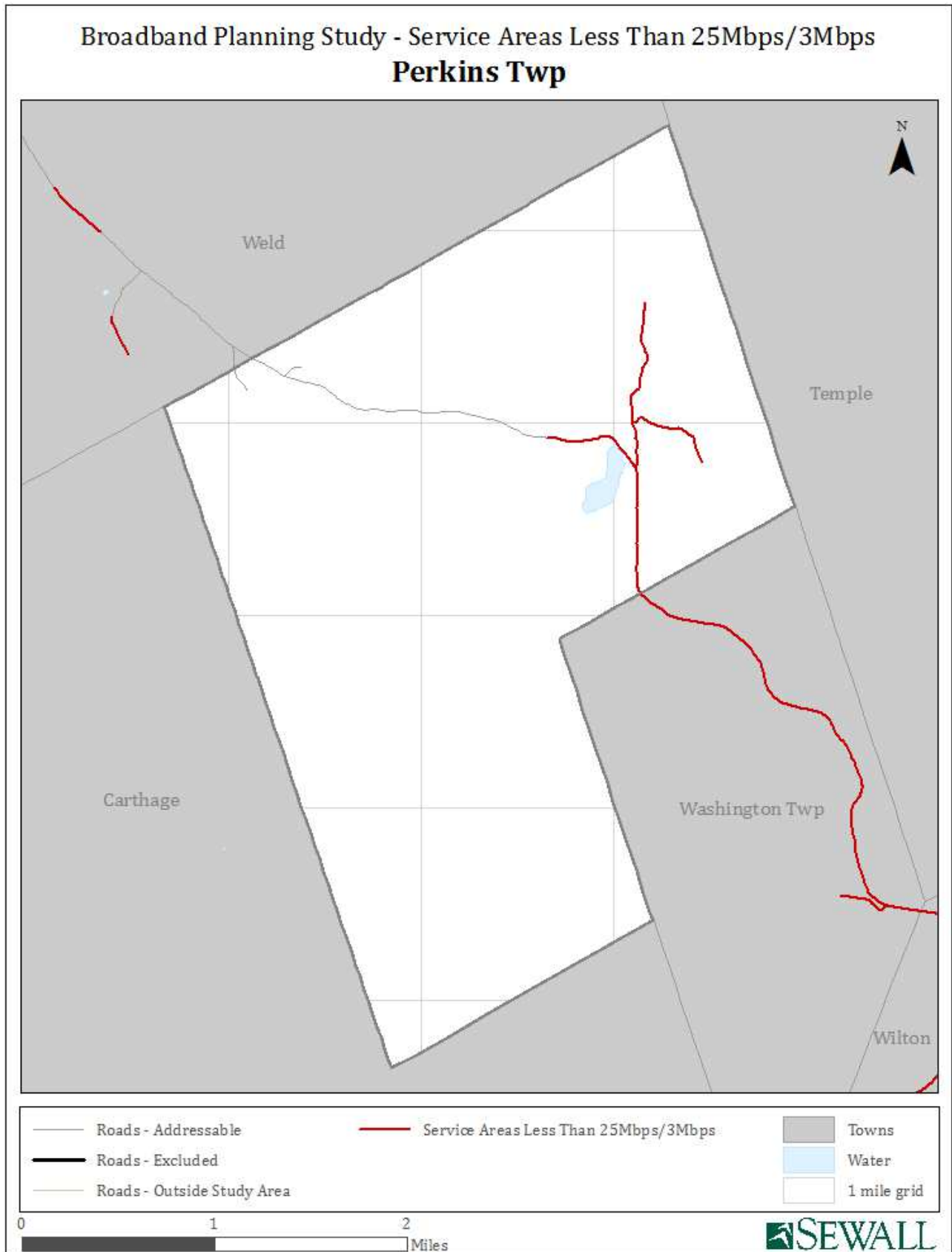
**Perkins Twp Service Areas less than 1 Gbps/1 Gbps Map 6**



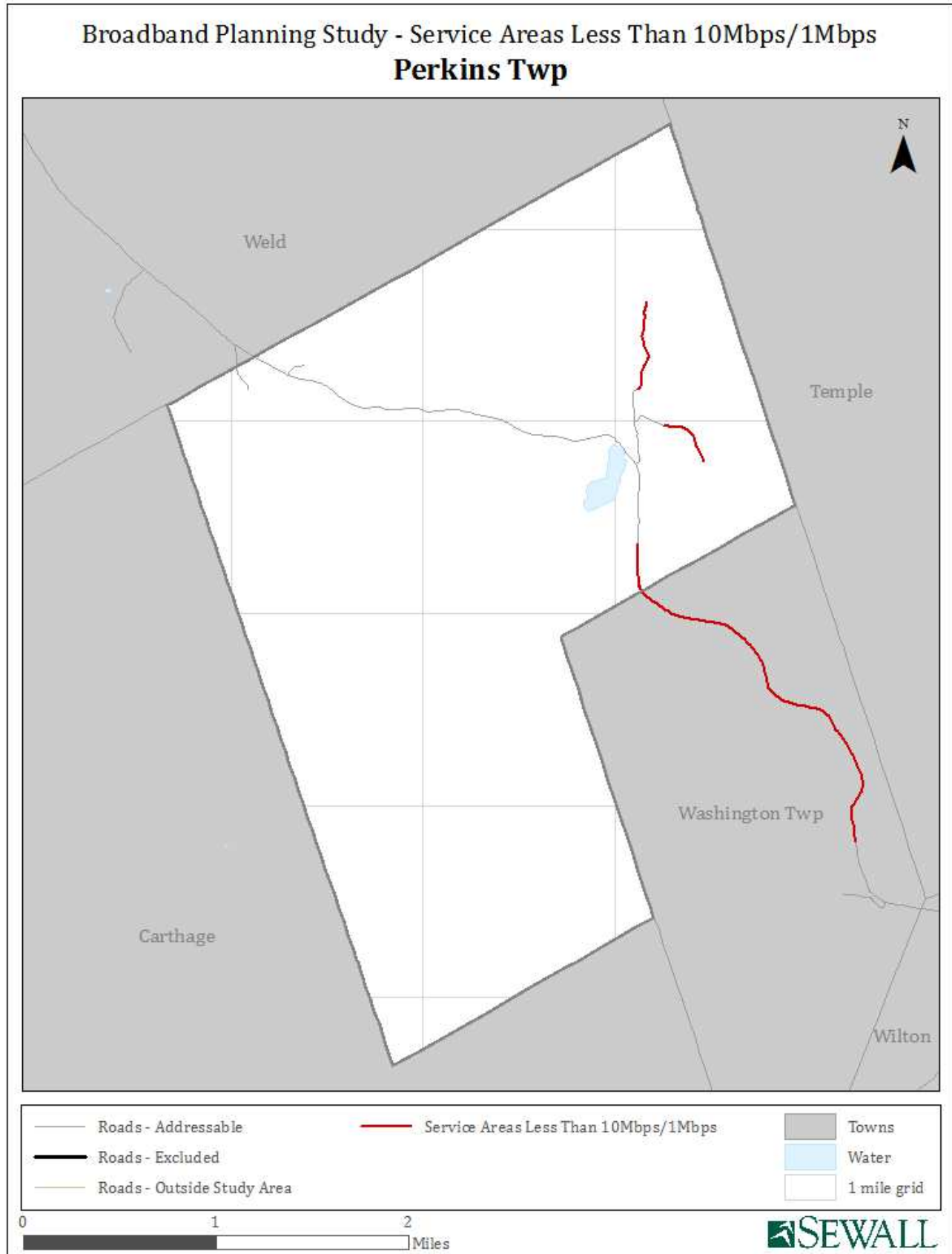
**Perkins Twp Service Areas less than 10 Mbps/10 Mbps Map 7**



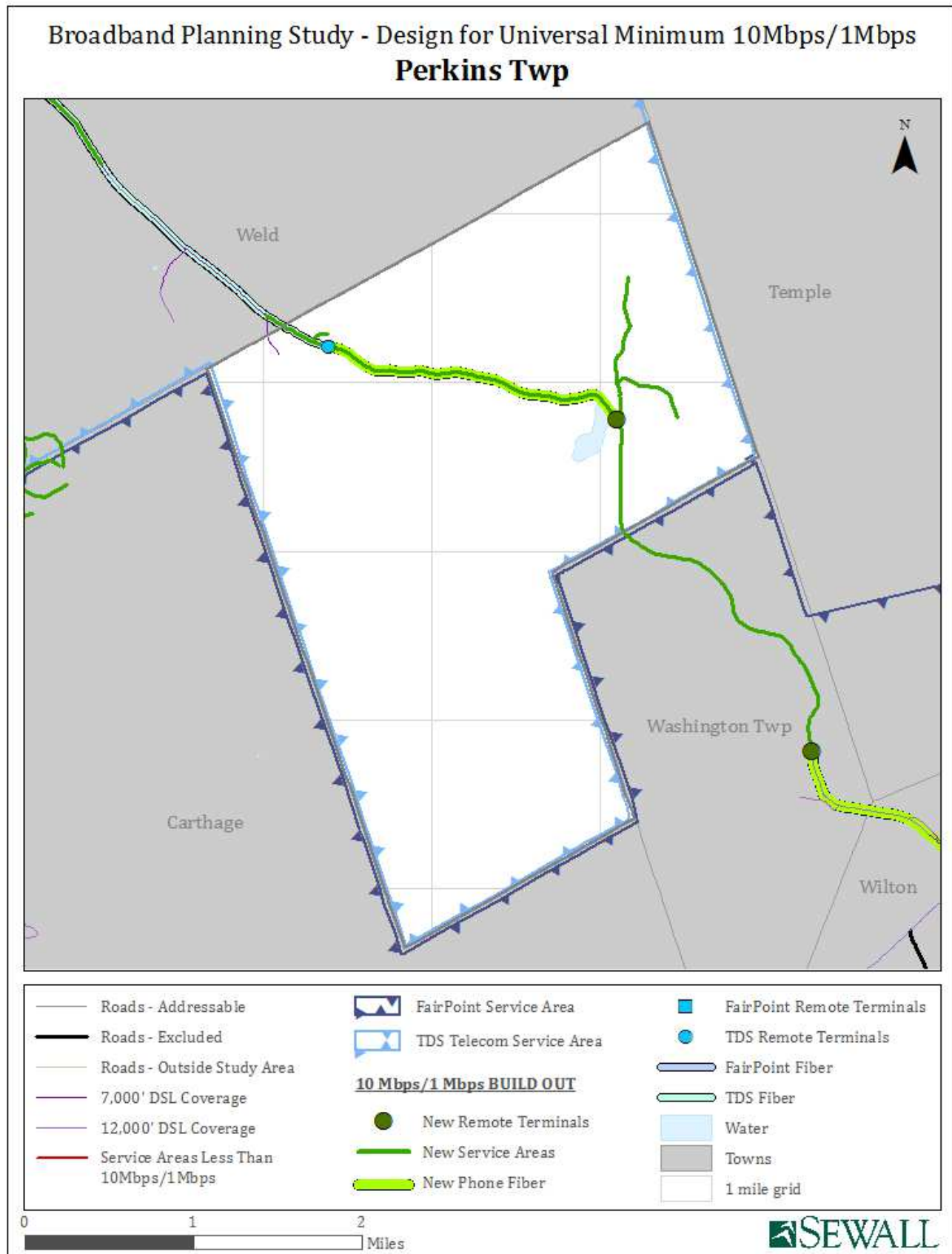
**Perkins Twp Service Areas less than 25 Mbps/3 Mbps Map 8**



**Perkins Twp Service Areas less than 10 Mbps/1 Mbps Map 9**

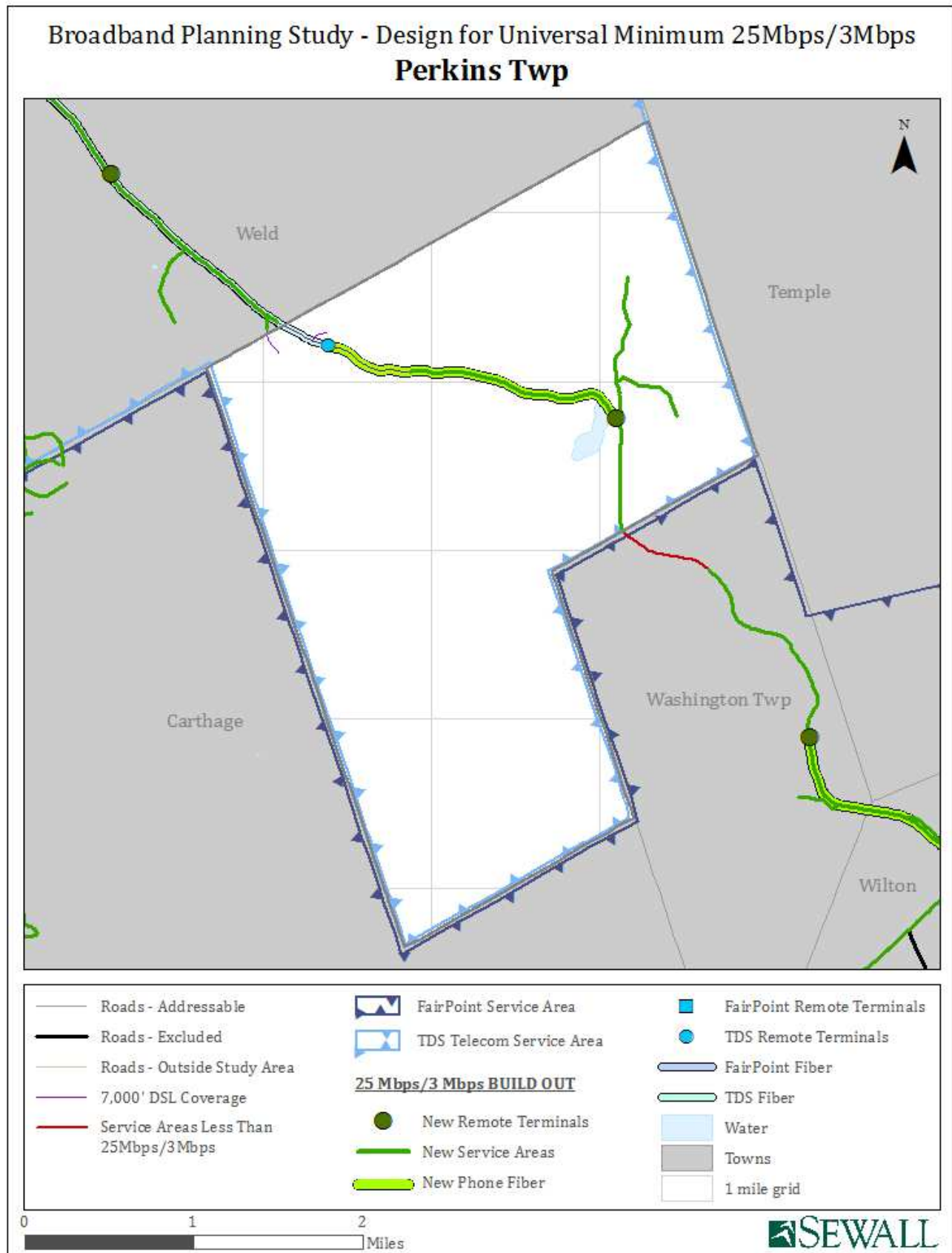


## Perkins Twp Design for Universal Minimum 10 Mbps/1 Mbps Map 10



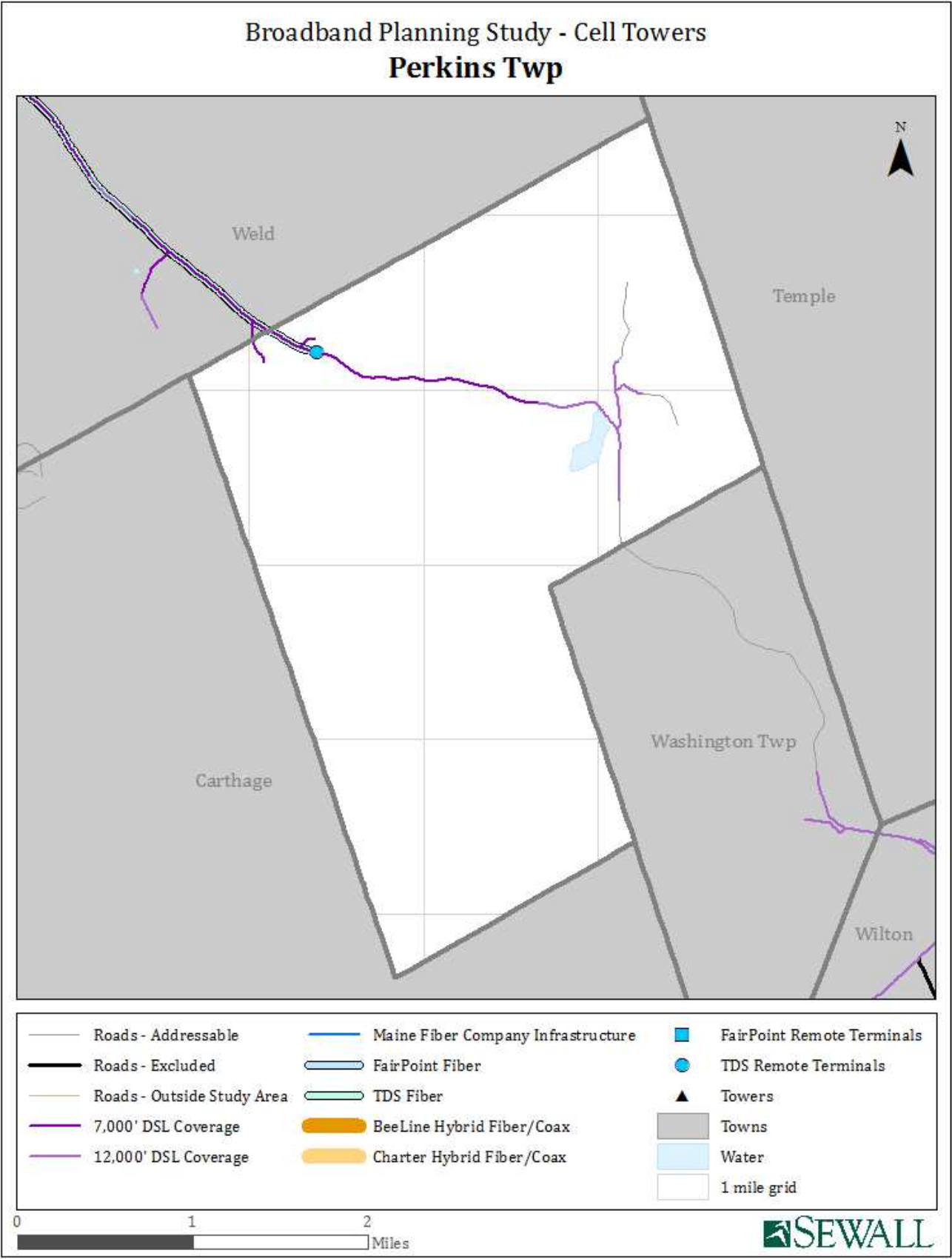


## Perkins Twp Design for Universal Minimum 25 Mbps/3 Mbps Map 11





Perkins Twp Cell Towers Map 12



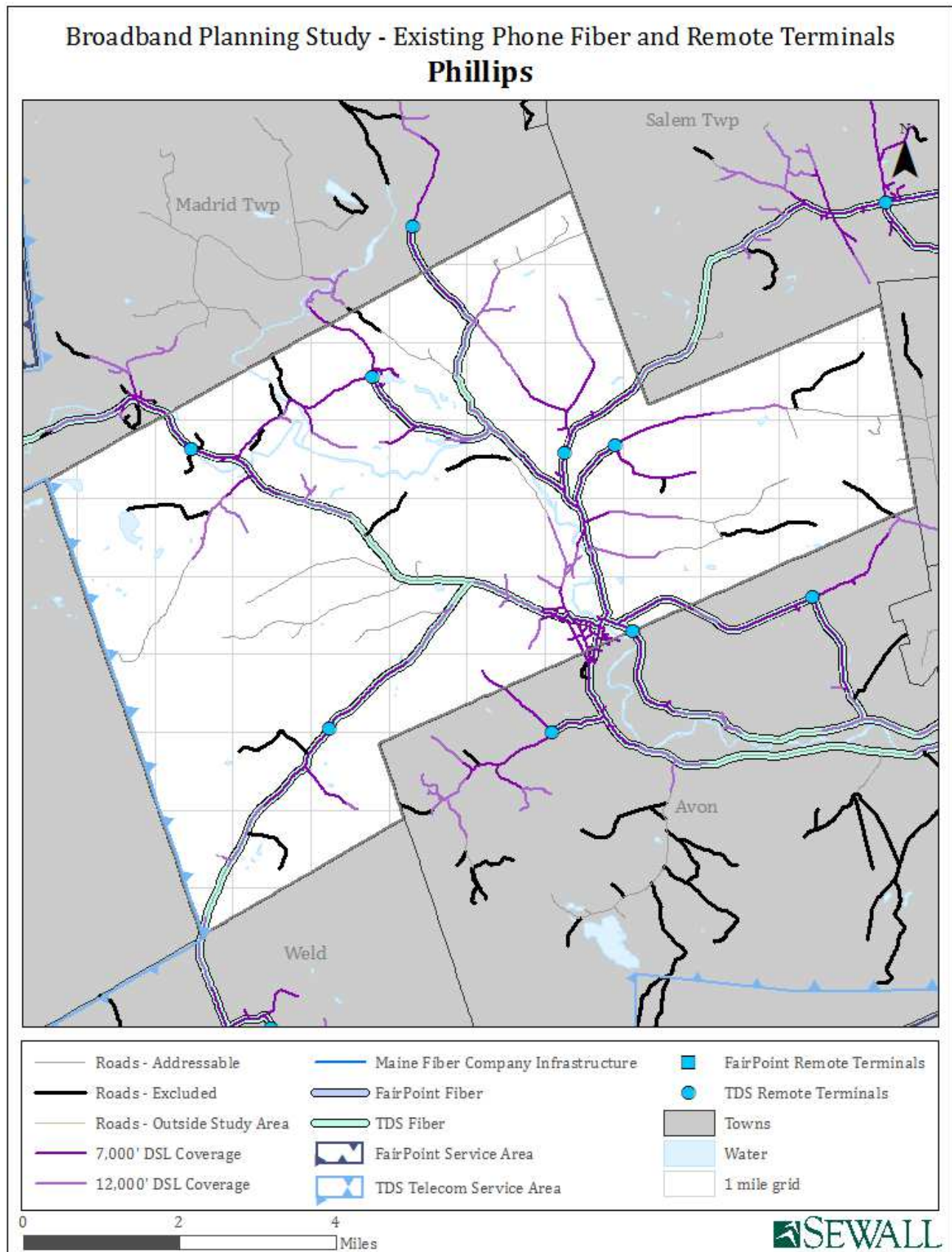
**C-25 Phillips**

**Special Considerations**

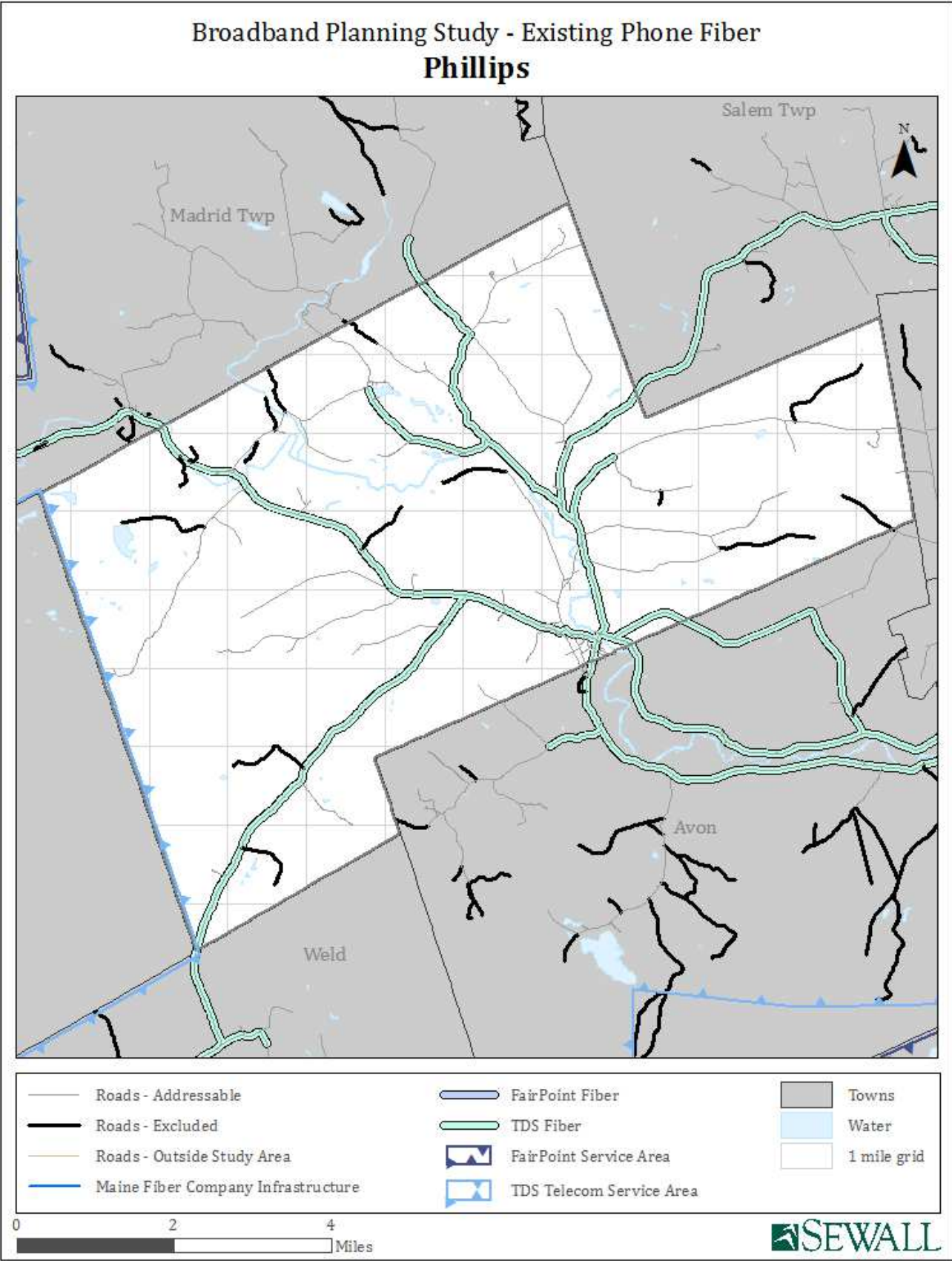
None

Phillips				
Statistical Data	Cost	Unit	Phillips	Study Area Totals
911 Addresses			586	22,824
Total Road Mileage			82.0	1,637
Phone Fiber Mileage			24.7	336
Hybrid Fiber/Coax Mileage			11	451
1G/1G FTTP Gap Miles	\$40,000	mile	71.0	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	585	22,500
<i>Potential Subscribers per mile</i>			8	17
<b>Total Cost</b>			<b>\$3,249,403</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$5,555	<b>\$3,123</b>
<i>Per Mile</i>			\$45,768	\$51,558
10M/10M Gap Miles	\$35,000	mile	59.9	910
10M/10M Gap 911 Addresses	\$ 350	sub	311	8,351
<i>Potential Subscribers per mile</i>			5	9
<b>Total Cost</b>			<b>\$2,206,899</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$7,096	<b>\$4,164</b>
<i>Per Mile</i>			\$36,816	\$38,212
Potential private investment			\$572,487	\$15,955,247
Potential public subsidy			\$1,634,412	\$18,820,972
25M/3M Gap Miles			37.7	650
25M/3M Gap 911 Addresses			179	4,931
25M/3M New RT Quantity	\$25,000		11	270
25M/3M New Fiber Miles	\$25,000		8.0	182
<i>Potential Subscribers per mile</i>			5	8
<b>Total Cost</b>			\$474,322	\$11,305,524
<i>Per Potential Subscriber</i>			\$2,650	\$2,293
Potential private investment			\$112,720	\$4,286,572
Potential public subsidy			\$361,601	\$7,018,952
10M/1M Gap Miles			21.4	407
10M/1M Gap 911 Addresses			91	2,925
10M/1M New RT Quantity	\$25,000		4	93
10M/1M New Fiber Miles	\$25,000		3.3	74
<i>Potential Subscribers per mile</i>			4	7
<b>Total Cost</b>			\$182,347	\$4,167,973
<i>Per Potential Subscriber</i>			\$2,004	\$1,425
Potential private investment			\$38,698	\$1,497,587
Potential public subsidy			\$143,648	\$2,670,386
CAF-II Funded Locations			-	2,429
A-CAM Funded Locations			291	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$52,650	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$46,858	\$899,395
Insurance	\$183	mile	\$13,025	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$14,200	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$7,313	\$281,250
Administration	\$30	sub	\$8,775	\$337,500
<b>Total Operating Expense</b>			<b>\$90,170</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$37,520)</b>	<b>(\$15,689)</b>

### Phillips Existing Phone Fiber & Remote Terminals Map 1

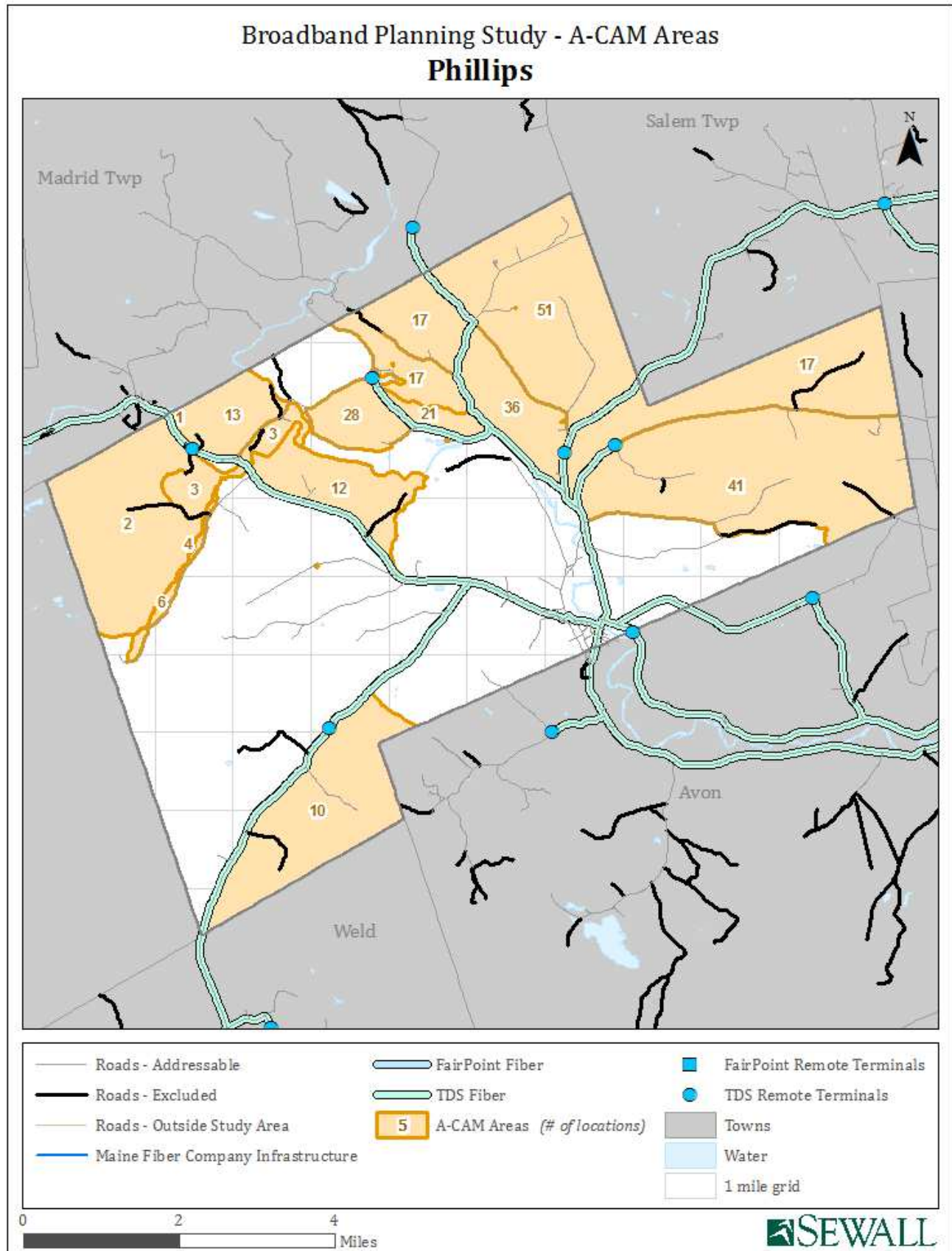


Phillips Existing Phone Fiber Map 2

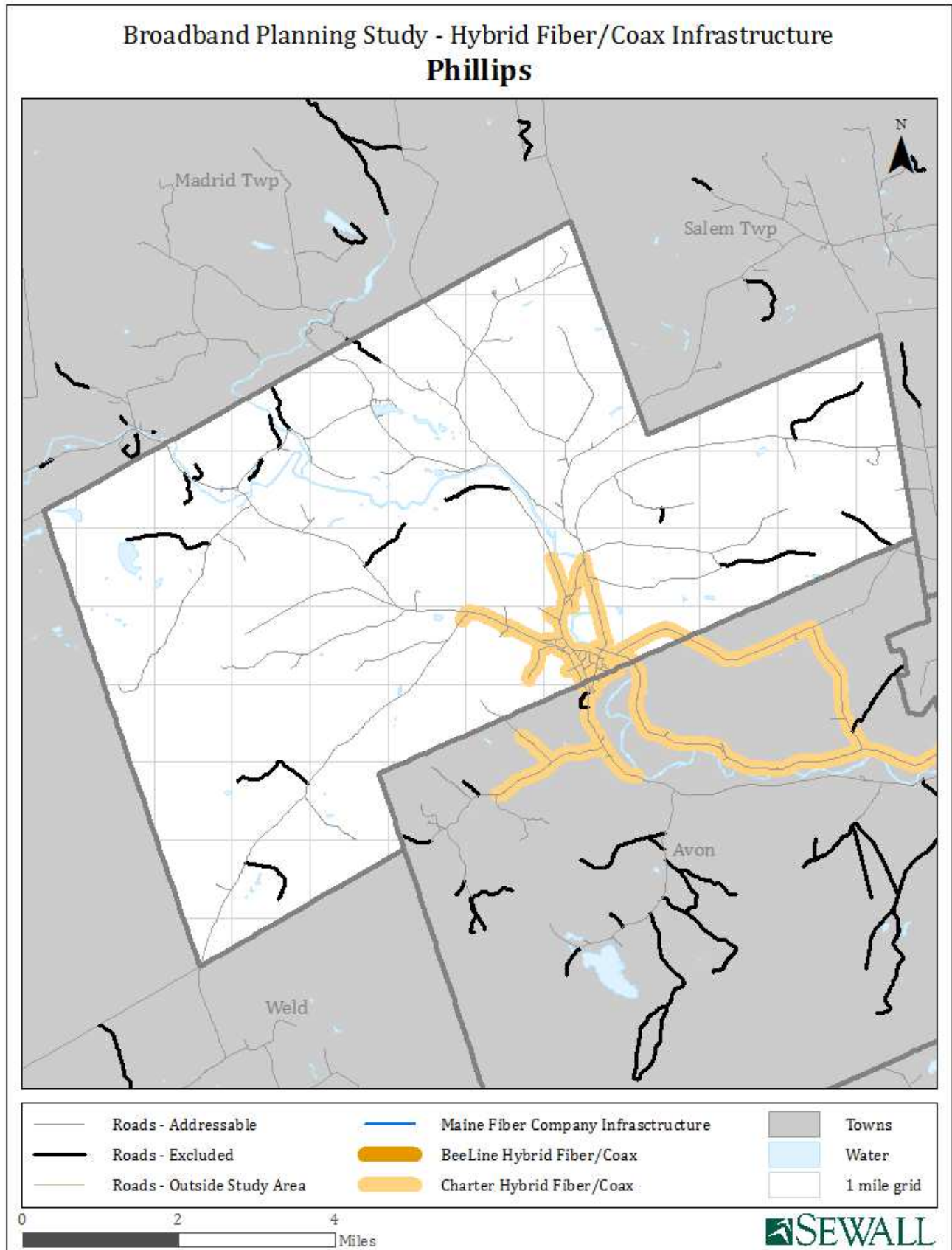




### Phillips A-CAM Map 4

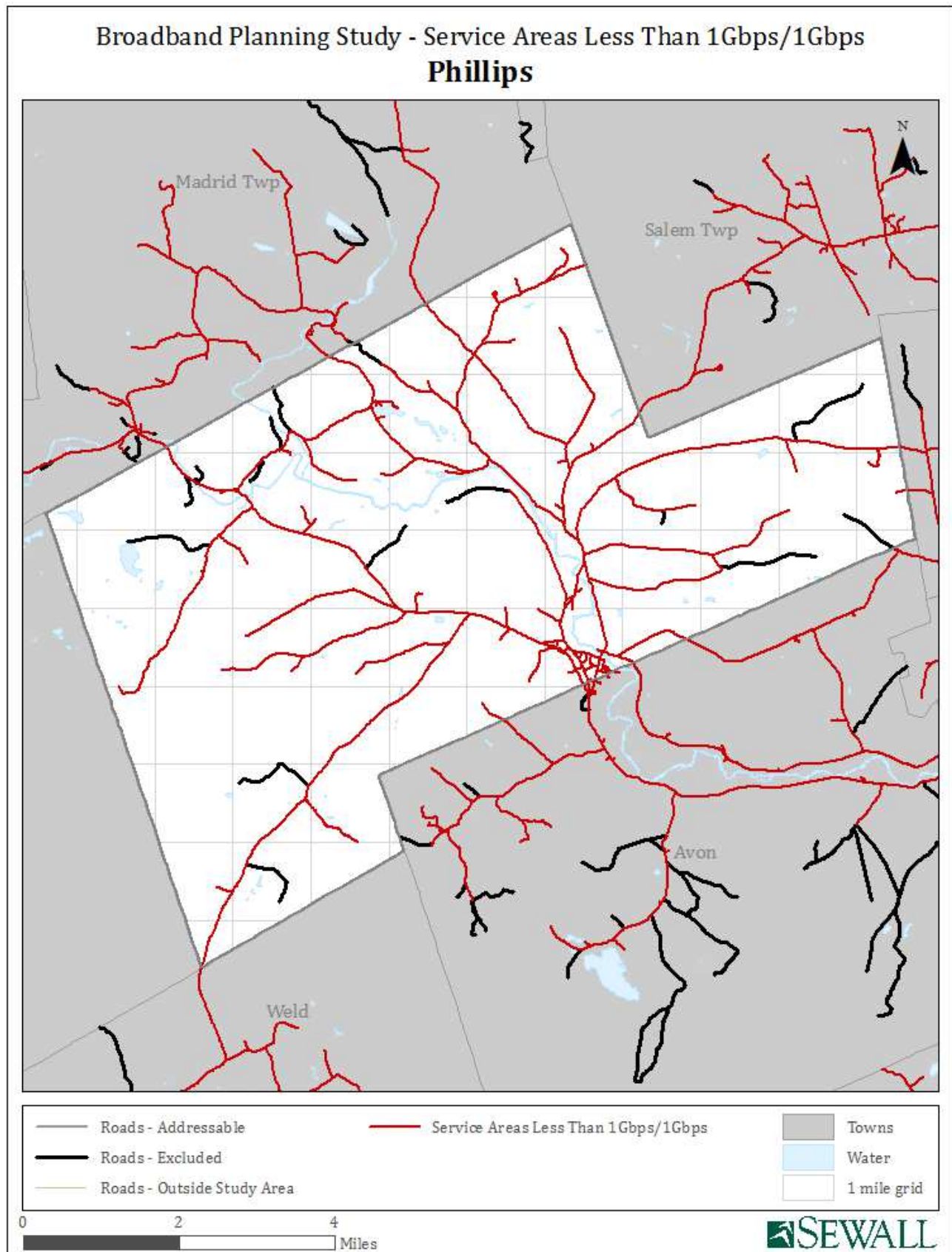


### Phillips Hybrid Fiber/Coax Infrastructure Map 5

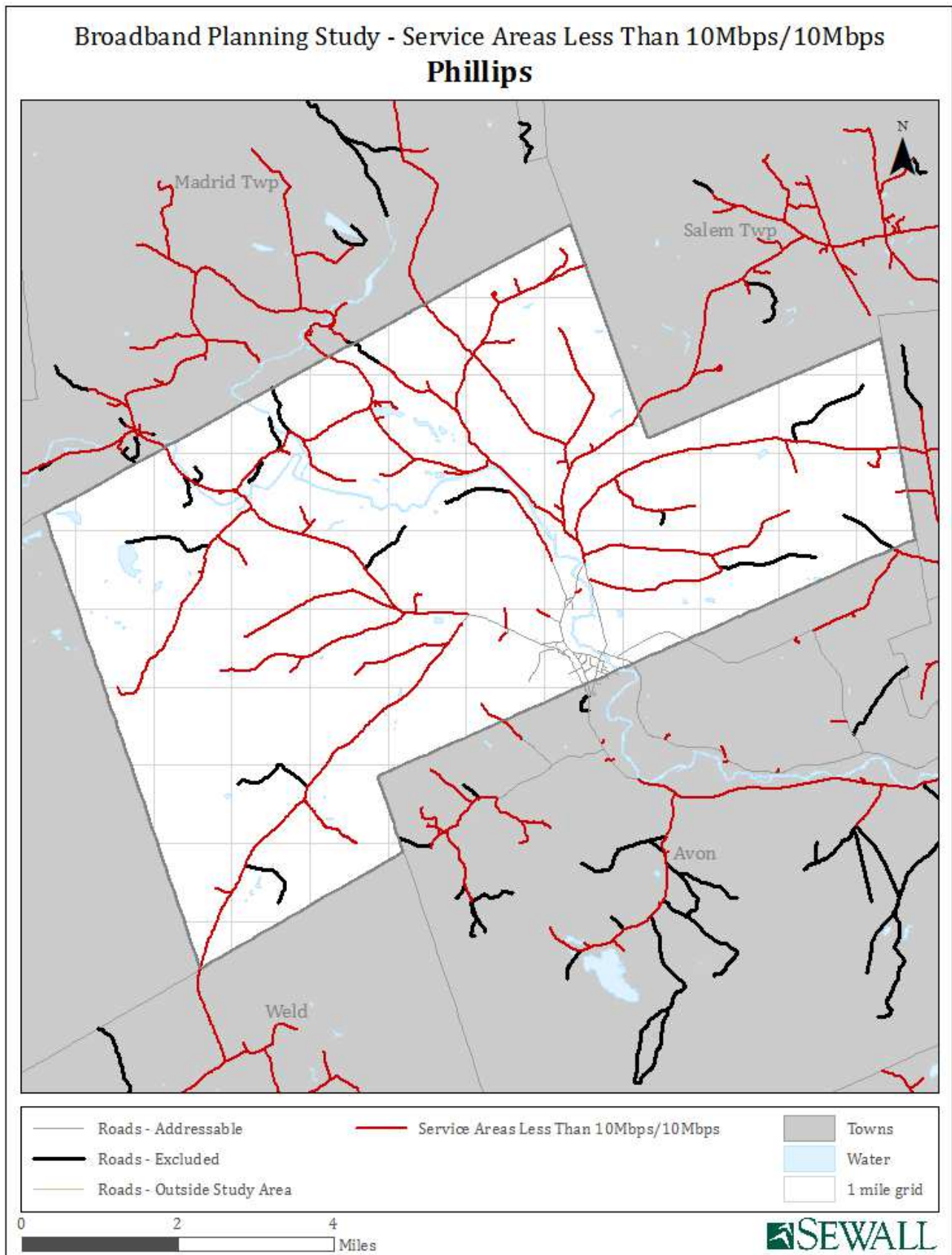




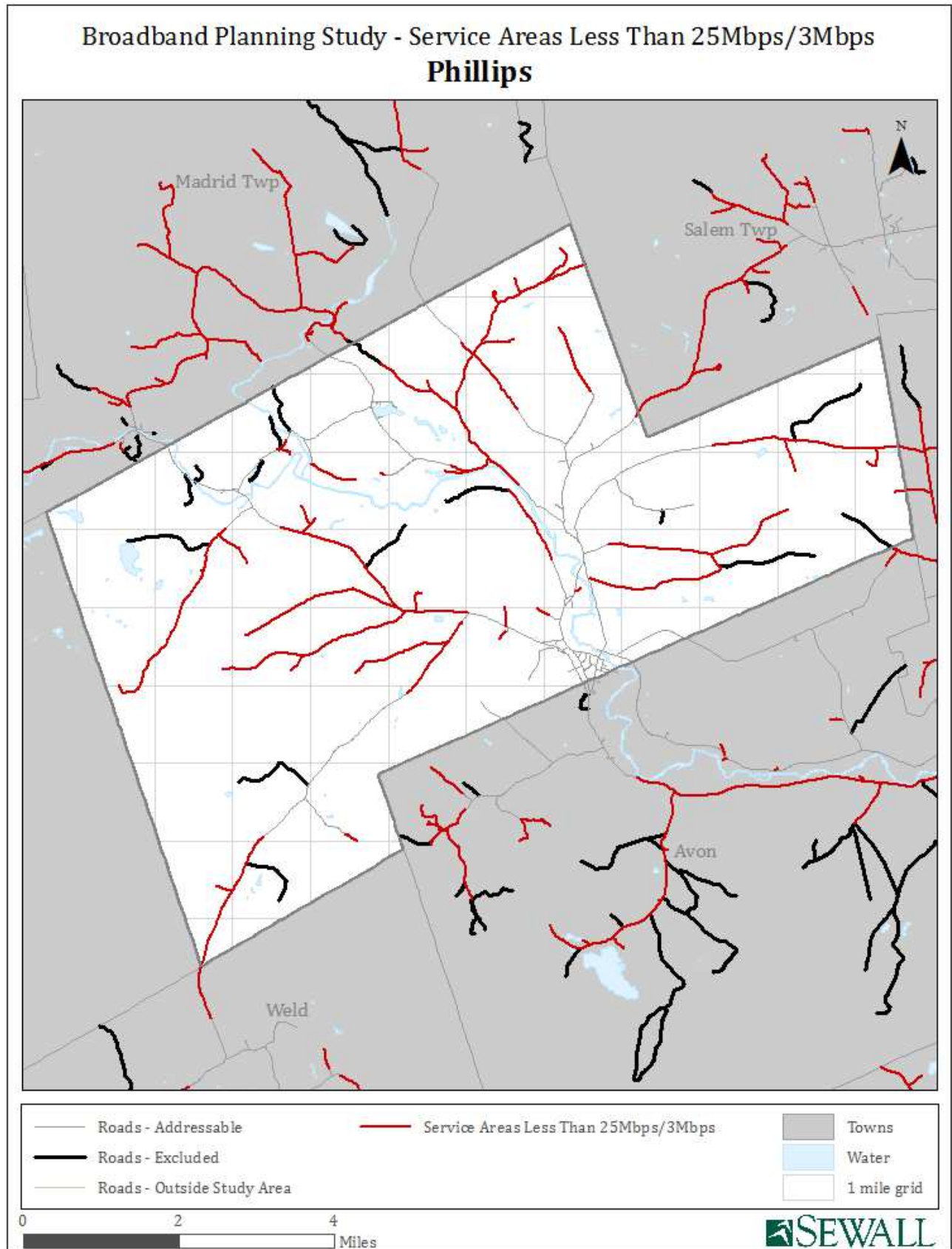
**Phillips Service Areas less than 1 Gbps/1 Gbps Map 6**



**Phillips Service Areas less than 10 Mbps/10 Mbps Map 7**

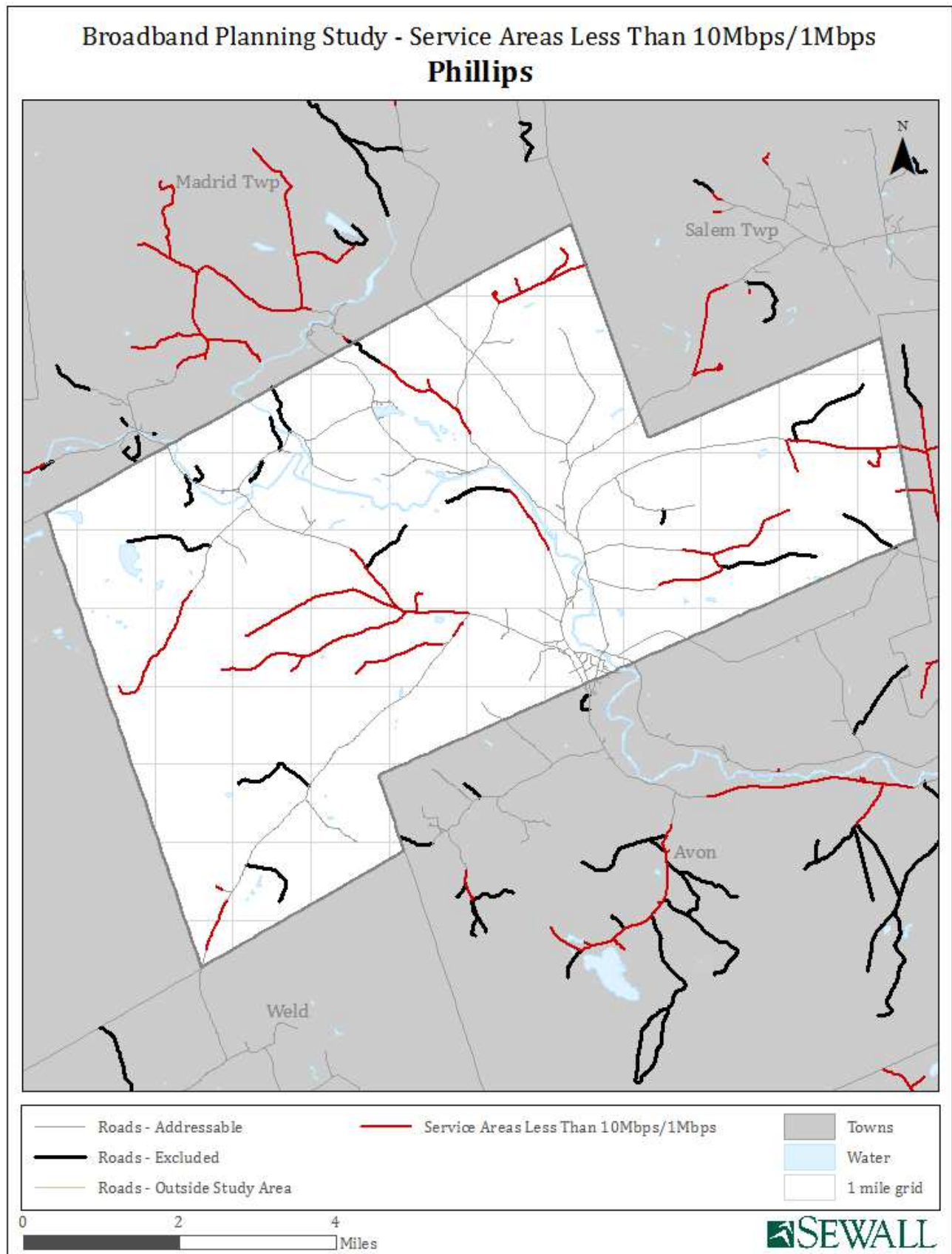


**Phillips Service Areas less than 25 Mbps/3 Mbps Map 8**



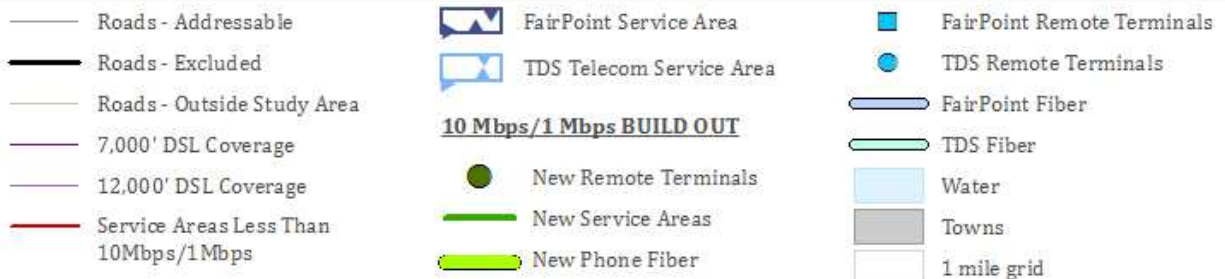
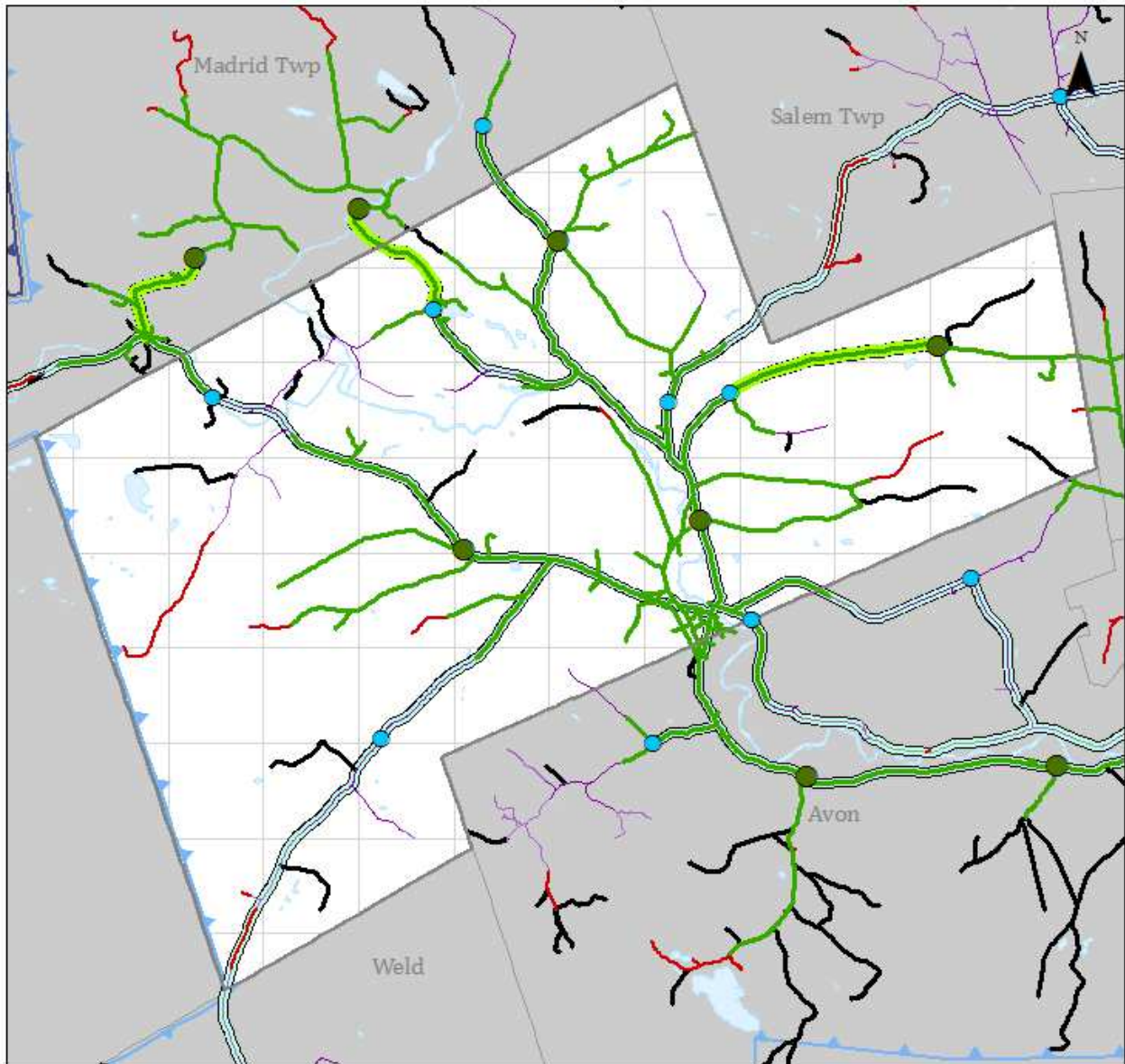


**Phillips Service Areas less than 10 Mbps/1 Mbps Map 9**



### Phillips Design for Universal Minimum 10 Mbps/1 Mbps Map 10

#### Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Phillips



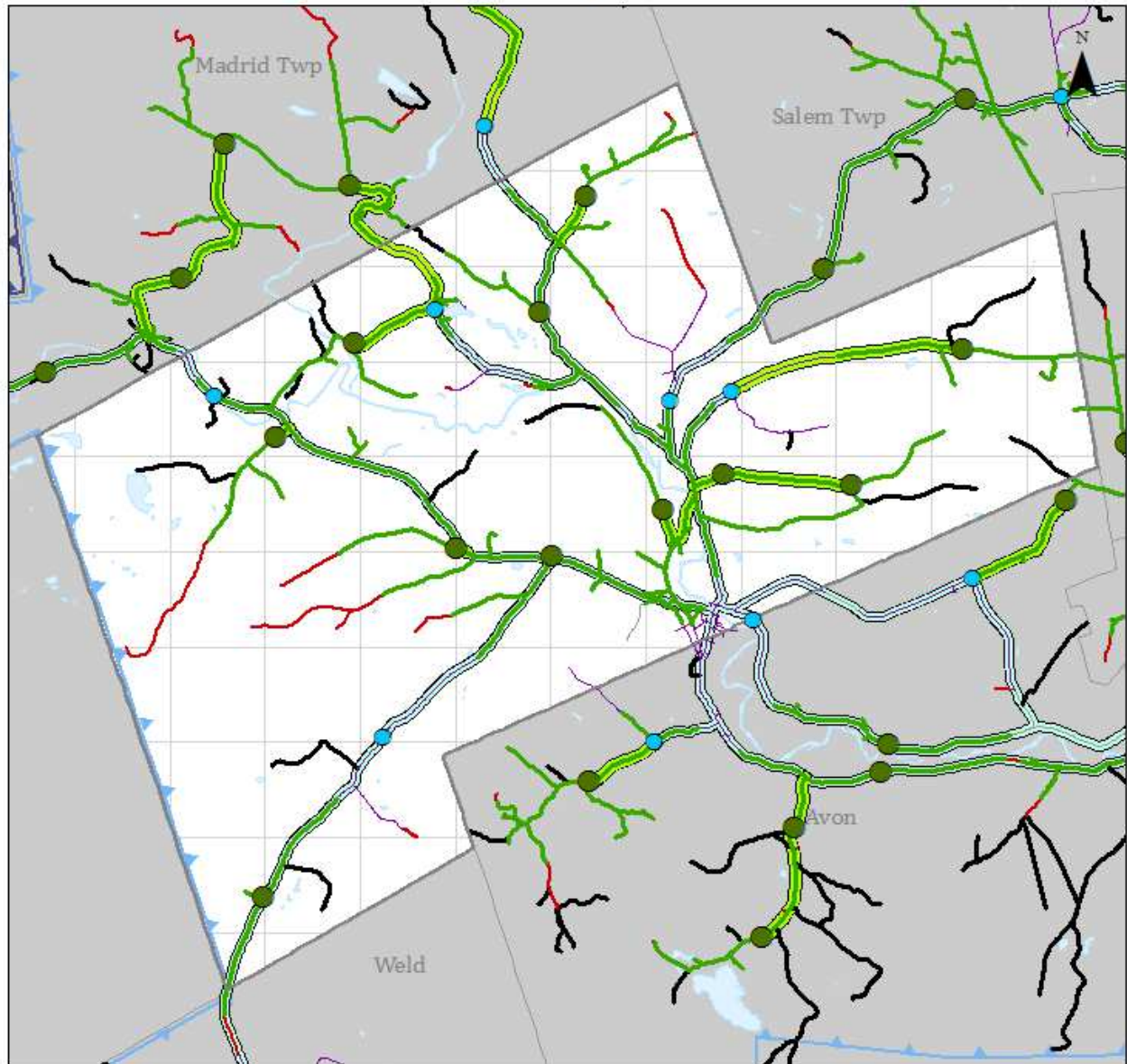
0 2 4  
Miles

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

### Phillips Design for Universal Minimum 25 Mbps/3 Mbps Map 11

#### Broadband Planning Study - Design for Universal Minimum 25Mbps/3Mbps Phillips



— Roads - Addressable  
 — Roads - Excluded  
 — Roads - Outside Study Area  
 — 7,000' DSL Coverage  
 — Service Areas Less Than 25Mbps/3Mbps

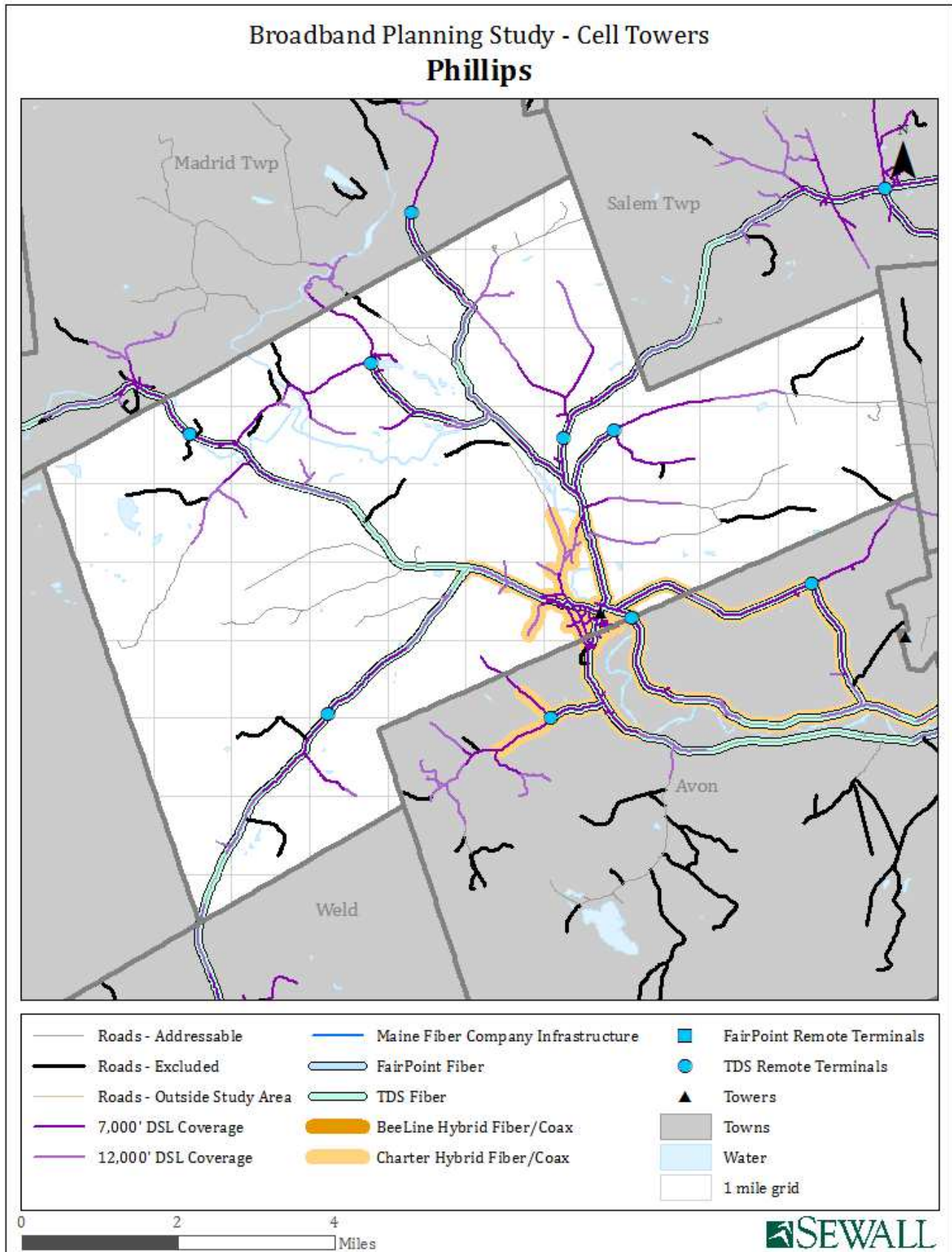
 FairPoint Service Area  
 TDS Telecom Service Area  
**25 Mbps/3 Mbps BUILD OUT**  
 New Remote Terminals  
 New Service Areas  
 New Phone Fiber

 FairPoint Remote Terminals  
 TDS Remote Terminals  
 FairPoint Fiber  
 TDS Fiber  
 Water  
 Towns  
 1 mile grid

0 2 4  
Miles

 SEWALL

## Phillips Cell Towers Map 12





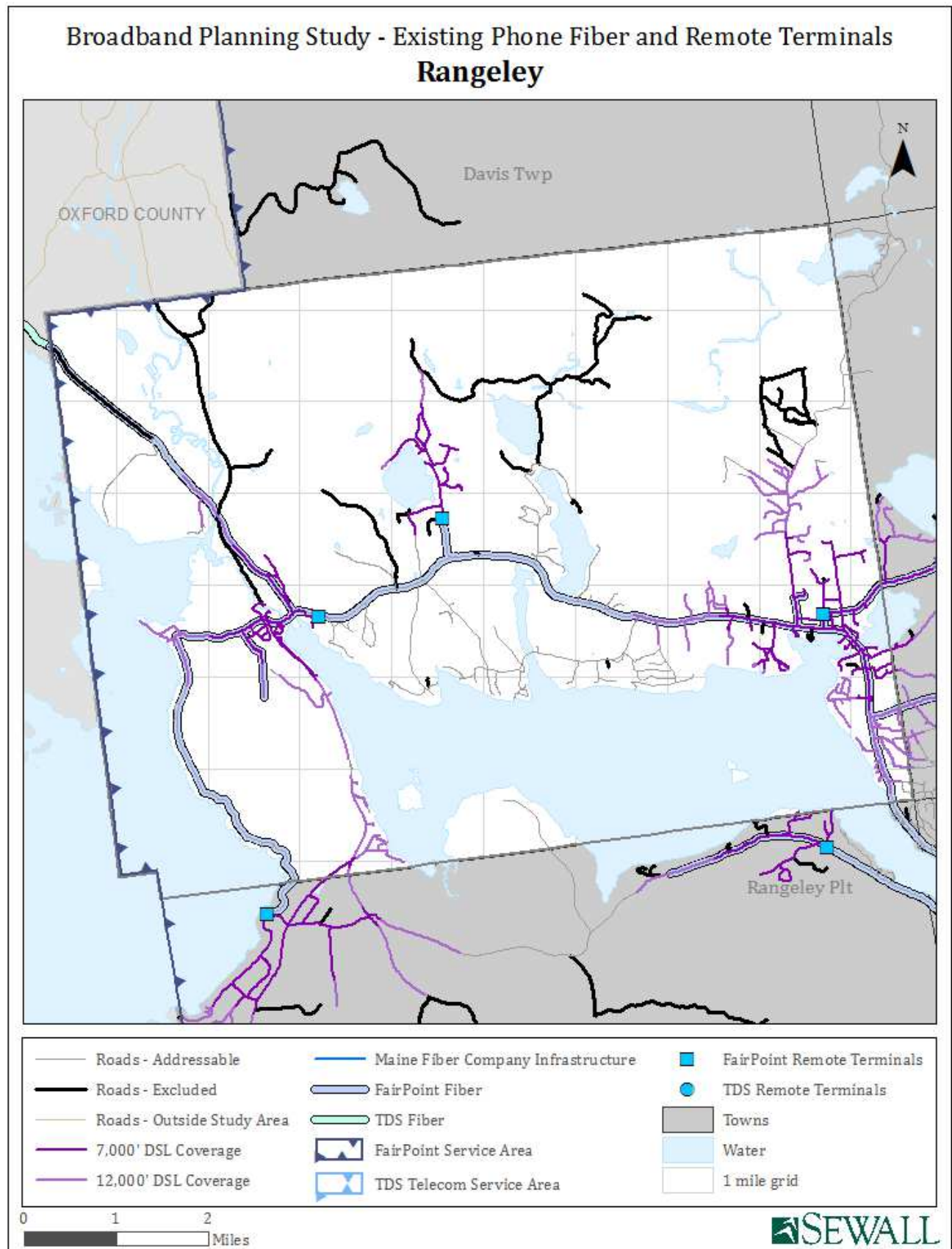
## **C-26 Rangeley**

### **Special Considerations**

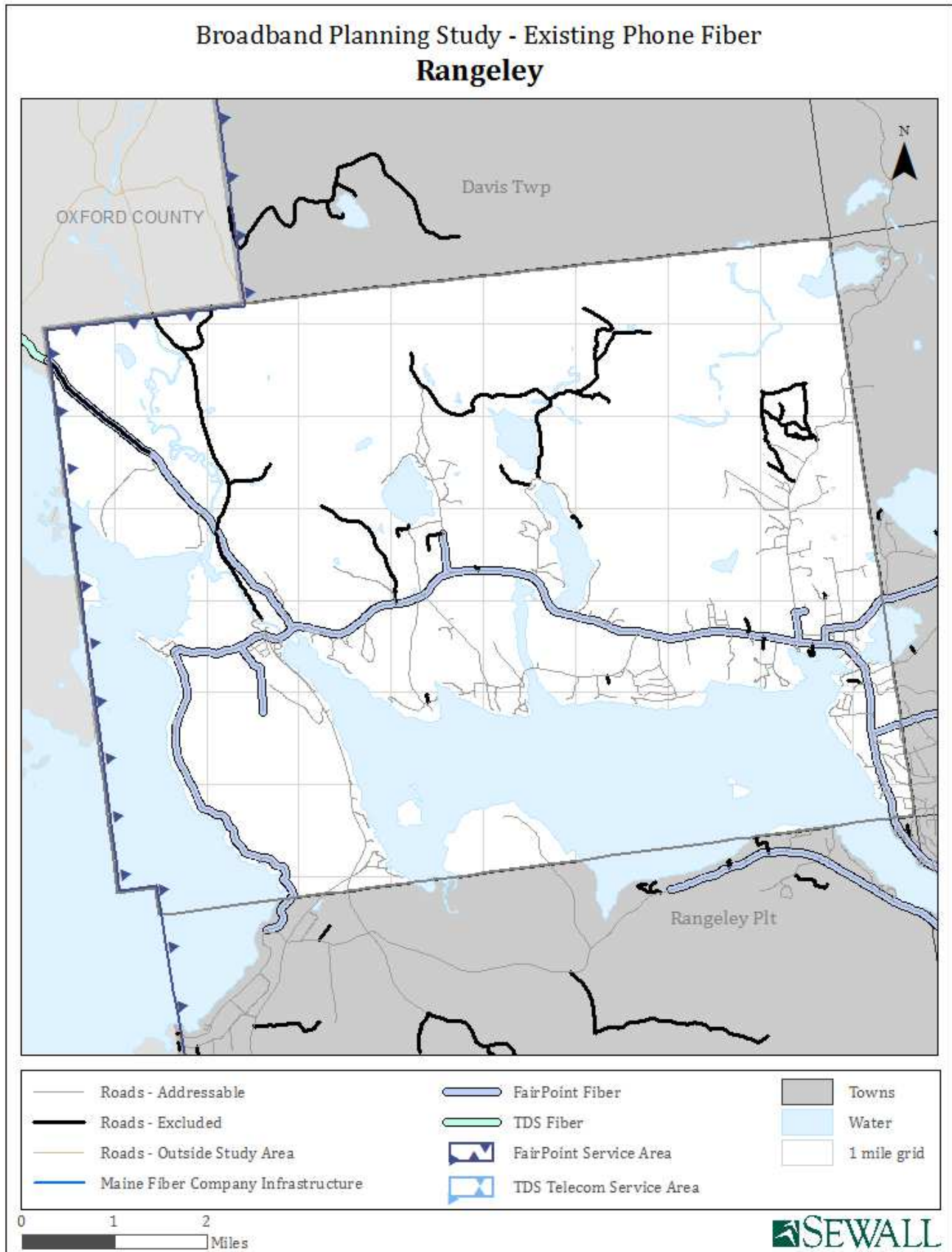
A dormant cable TV system is present on many utility poles in the downtown area. Utility pole make-ready costs and construction costs could be reduced by utilizing the strand to which this system is attached. We have not factored this potential cost reduction into our estimates for deployment.

Rangeley				
Statistical Data	Cost	Unit	Rangeley	Study Area Totals
911 Addresses			1,281	22,824
Total Road Mileage			103.5	1,637
Phone Fiber Mileage			20.3	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$40,000	mile	83.4	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	1,275	22,500
<i>Potential Subscribers per mile</i>			15	17
<b>Total Cost</b>			<b>\$4,228,688</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			<i>\$3,317</i>	<i>\$3,123</i>
<i>Per Mile</i>			<i>\$50,701</i>	<i>\$51,558</i>
10M/10M Gap Miles	\$35,000	mile	83.4	910
10M/10M Gap 911 Addresses	\$ 350	sub	1,275	8,351
<i>Potential Subscribers per mile</i>			15	9
<b>Total Cost</b>			<b>\$3,365,414</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			<i>\$2,640</i>	<i>\$4,164</i>
<i>Per Mile</i>			<i>\$40,350</i>	<i>\$38,212</i>
Potential private investment			\$2,572,339	\$15,955,247
Potential public subsidy			\$793,075	\$18,820,972
25M/3M Gap Miles			58.6	650
25M/3M Gap 911 Addresses			641	4,931
25M/3M New RT Quantity	\$25,000		24	270
25M/3M New Fiber Miles	\$25,000		10.2	182
<i>Potential Subscribers per mile</i>			11	8
<b>Total Cost</b>			<b>\$855,779</b>	<b>\$11,305,524</b>
<i>Per Potential Subscriber</i>			<i>\$1,335</i>	<i>\$2,293</i>
Potential private investment			\$468,128	\$4,286,572
Potential public subsidy			\$387,651	\$7,018,952
10M/1M Gap Miles			35.7	407
10M/1M Gap 911 Addresses			369	2,925
10M/1M New RT Quantity	\$25,000		6	93
10M/1M New Fiber Miles	\$25,000		3.2	74
<i>Potential Subscribers per mile</i>			10	7
<b>Total Cost</b>			<b>\$231,169</b>	<b>\$4,167,973</b>
<i>Per Potential Subscriber</i>			<i>\$626</i>	<i>\$1,425</i>
Potential private investment			\$119,315	\$1,497,587
Potential public subsidy			\$111,855	\$2,670,386
CAF-II Funded Locations			187	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	<b>\$15</b>	sub	<b>\$114,750</b>	<b>\$2,025,000</b>
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$55,047	\$899,395
Insurance	\$183	mile	\$15,301	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$16,681	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$15,938	\$281,250
Administration	\$30	sub	\$19,125	\$337,500
<b>Total Operating Expense</b>			<b>\$122,092</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$7,342)</b>	<b>(\$15,689)</b>

### Rangely Existing Phone Fiber & Remote Terminals Map 1

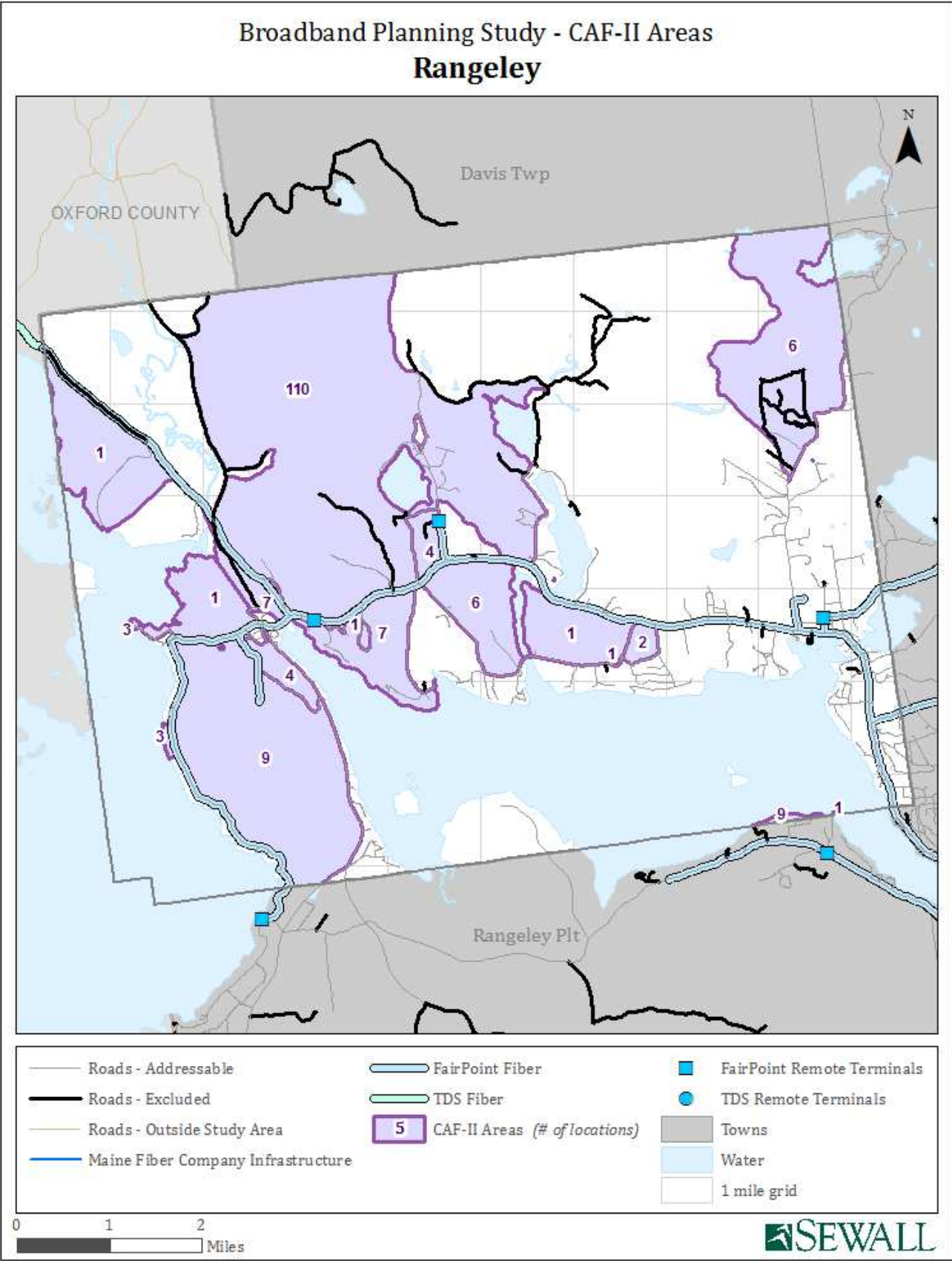


## Rangely Existing Phone Fiber Map 2

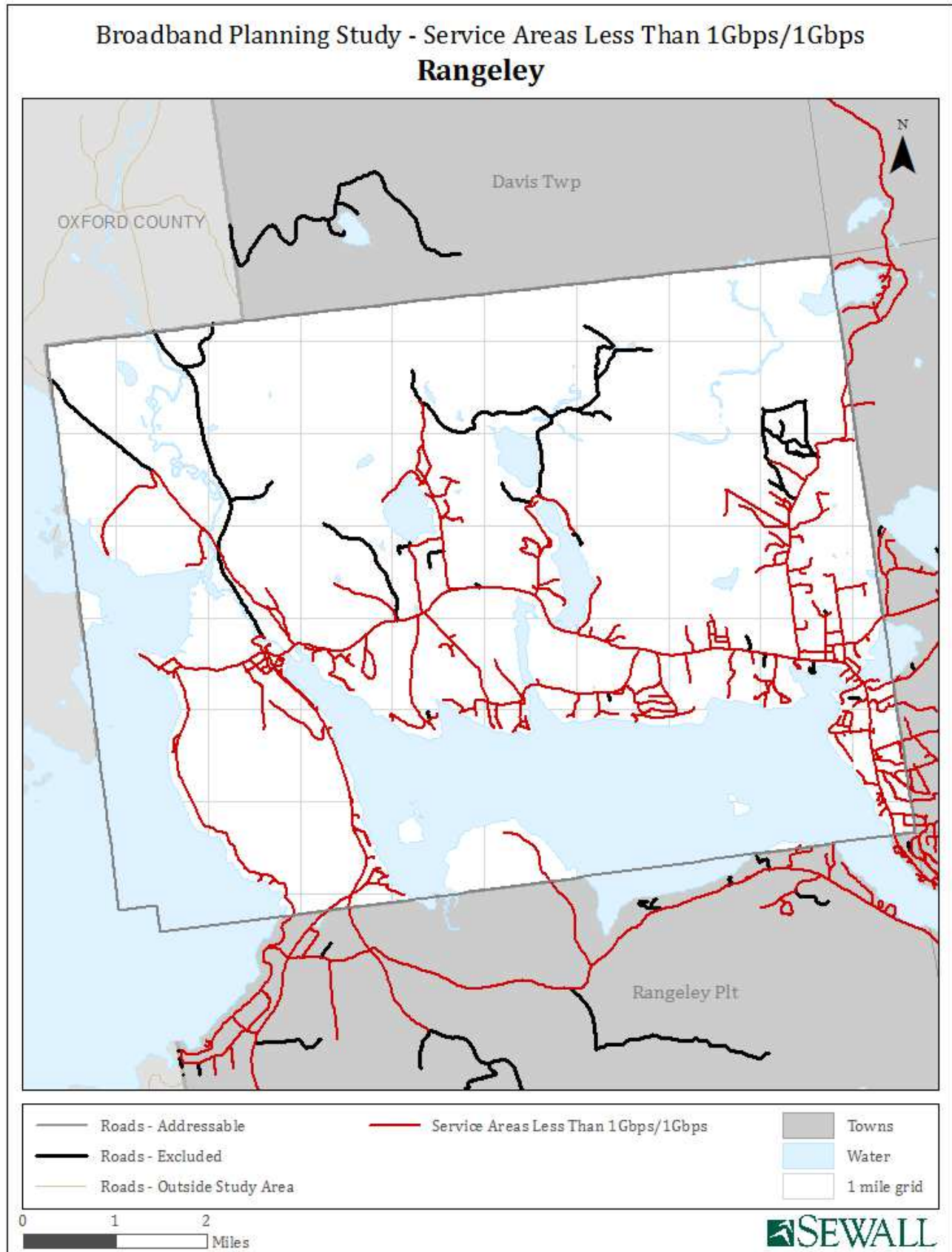




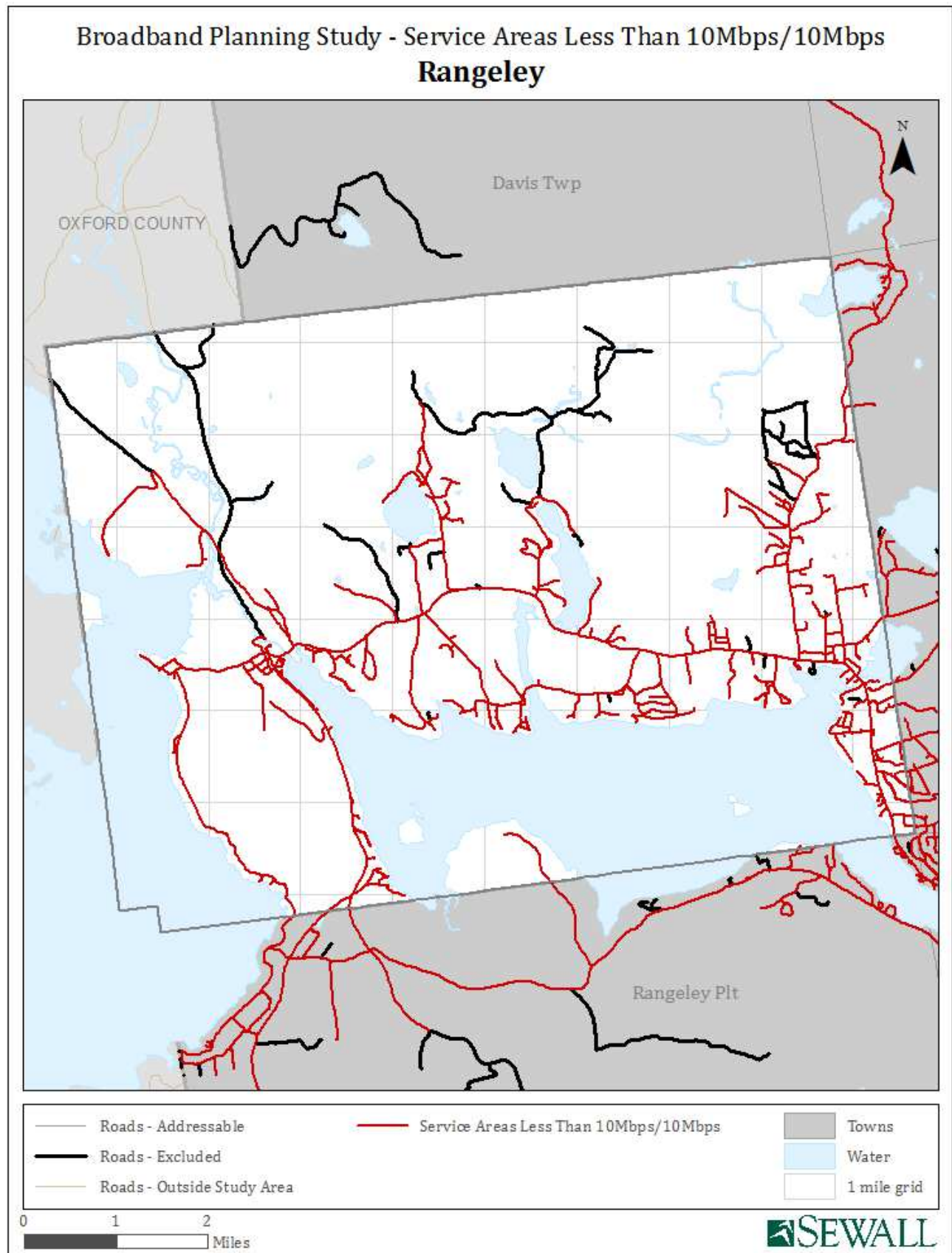
Rangeley CAF-II Map 3



**Rangeley Service Areas less than 1 Gbps/1 Gbps Map 6**

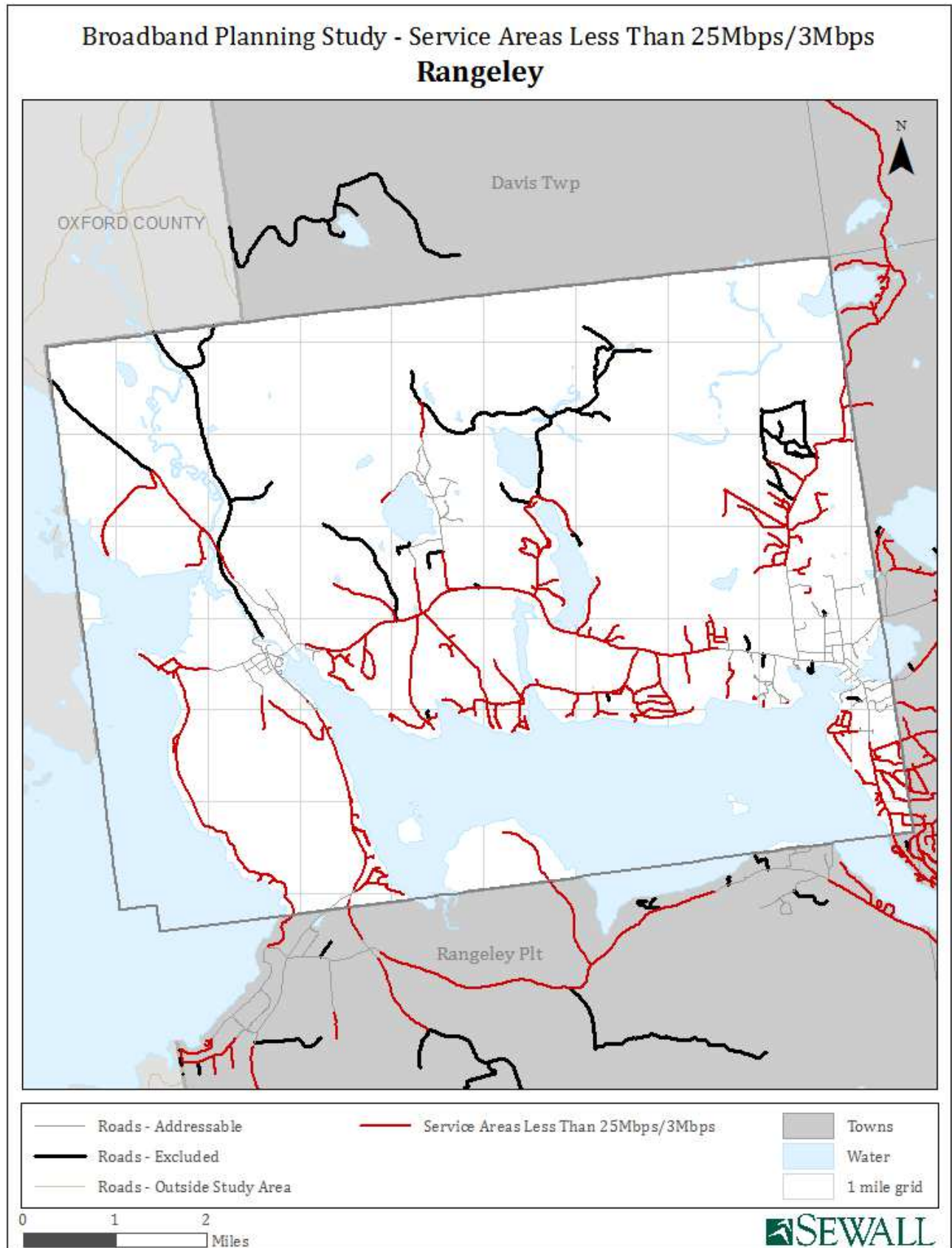


**Rangeley Service Areas less than 10 Mbps/10 Mbps Map 7**

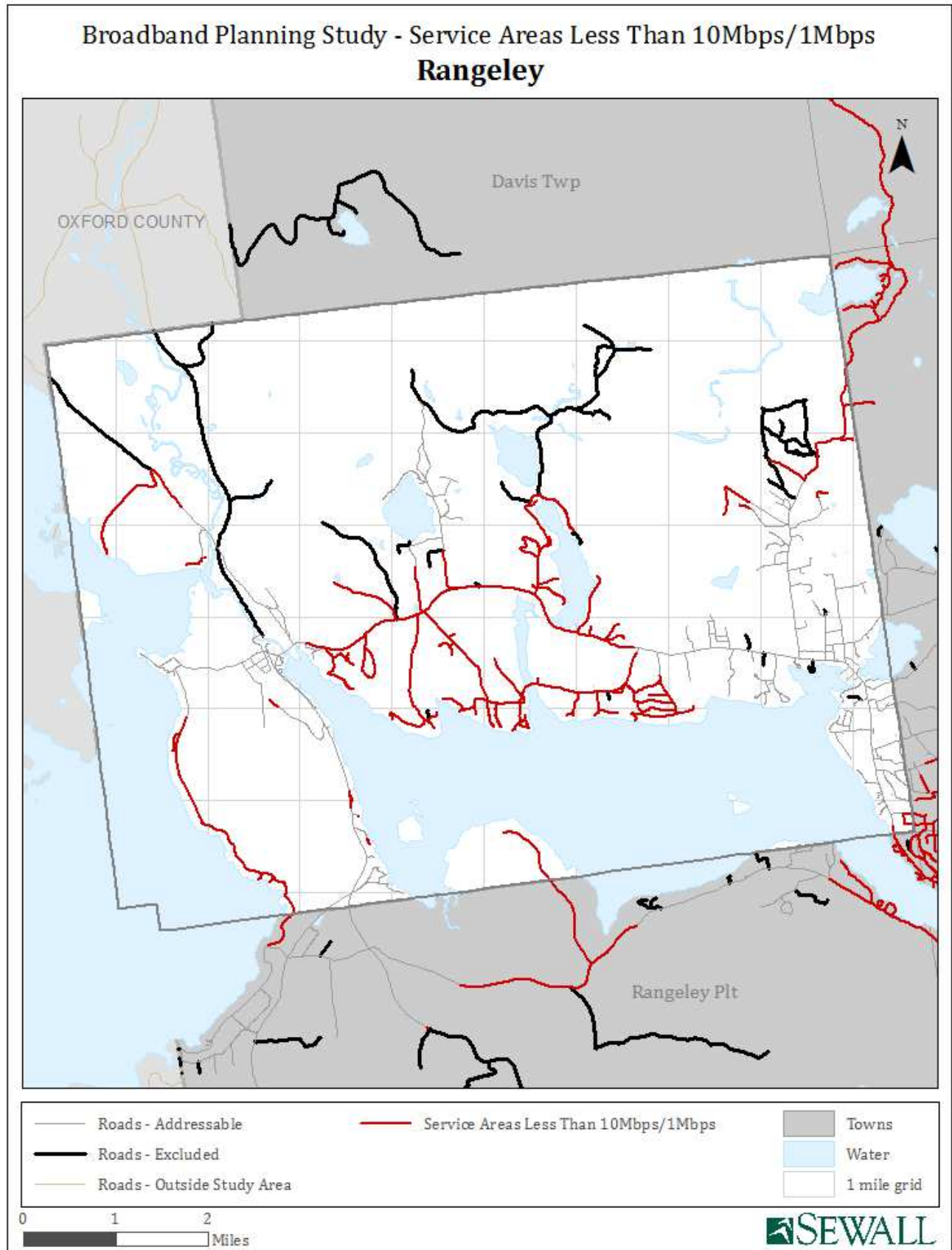




**Rangeley Service Areas less than 25 Mbps/3 Mbps Map 8**

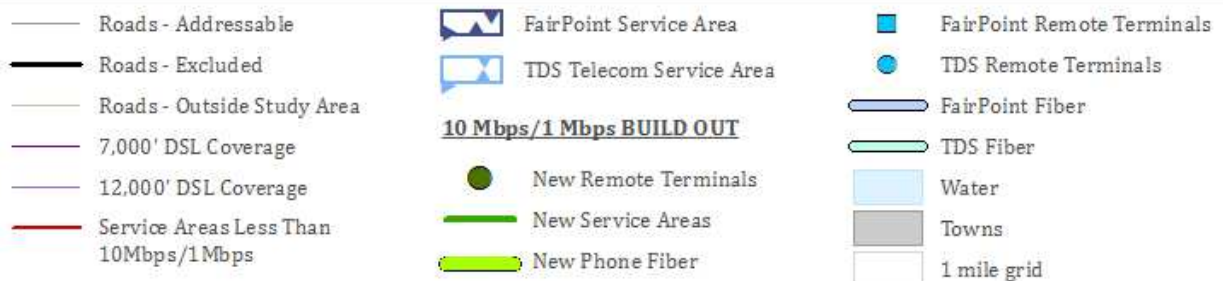


**Rangeley Service Areas less than 10 Mbps/1 Mbps Map 9**



### Rangeley Design for Universal Minimum 10 Mbps/1 Mbps Map 10

#### Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Rangeley



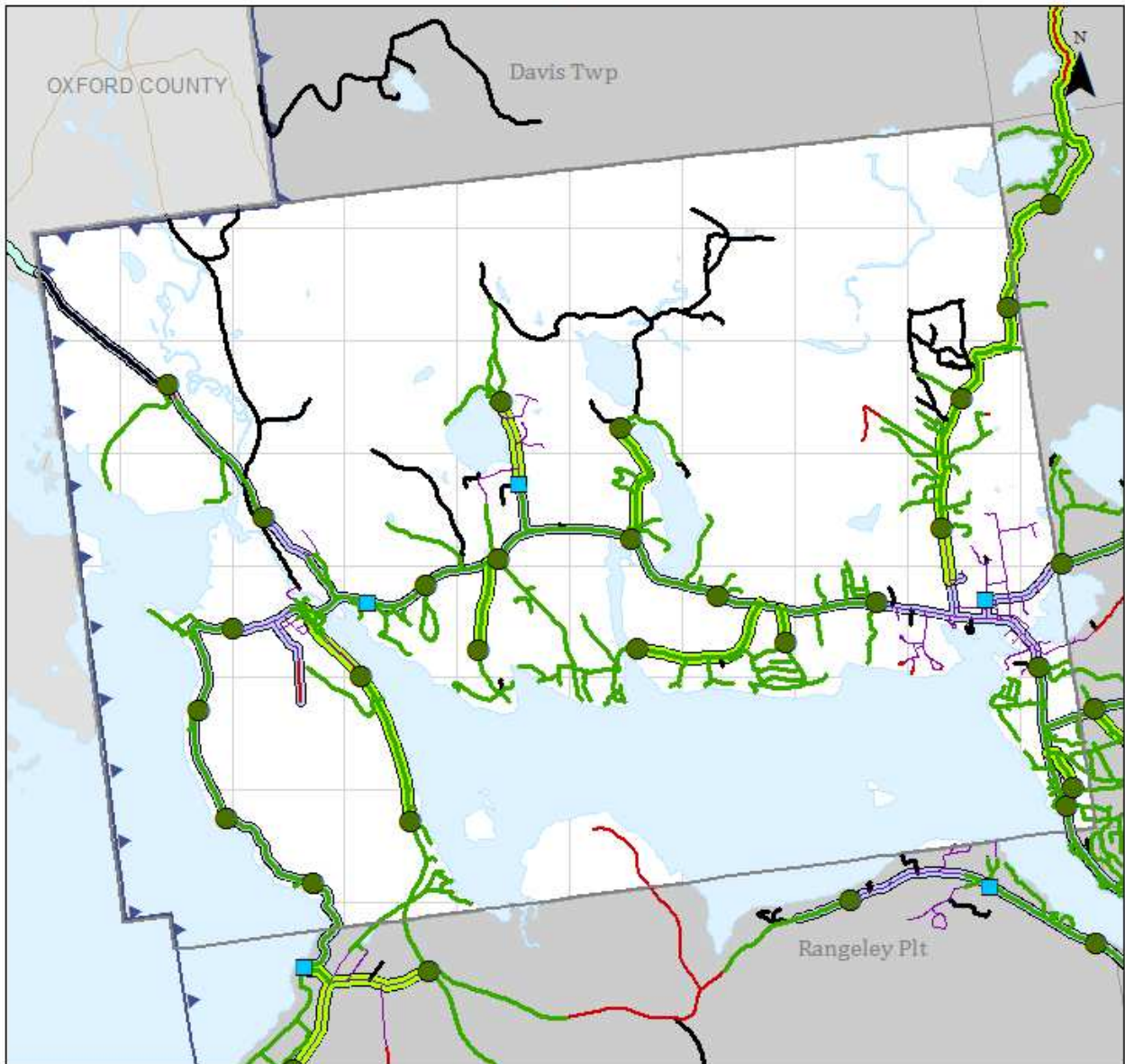
0 1 2  
Miles

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### Rangeley Design for Universal Minimum 25 Mbps/3 Mbps Map 11

#### Broadband Planning Study - Design for Universal Minimum 25Mbps/3Mbps Rangeley

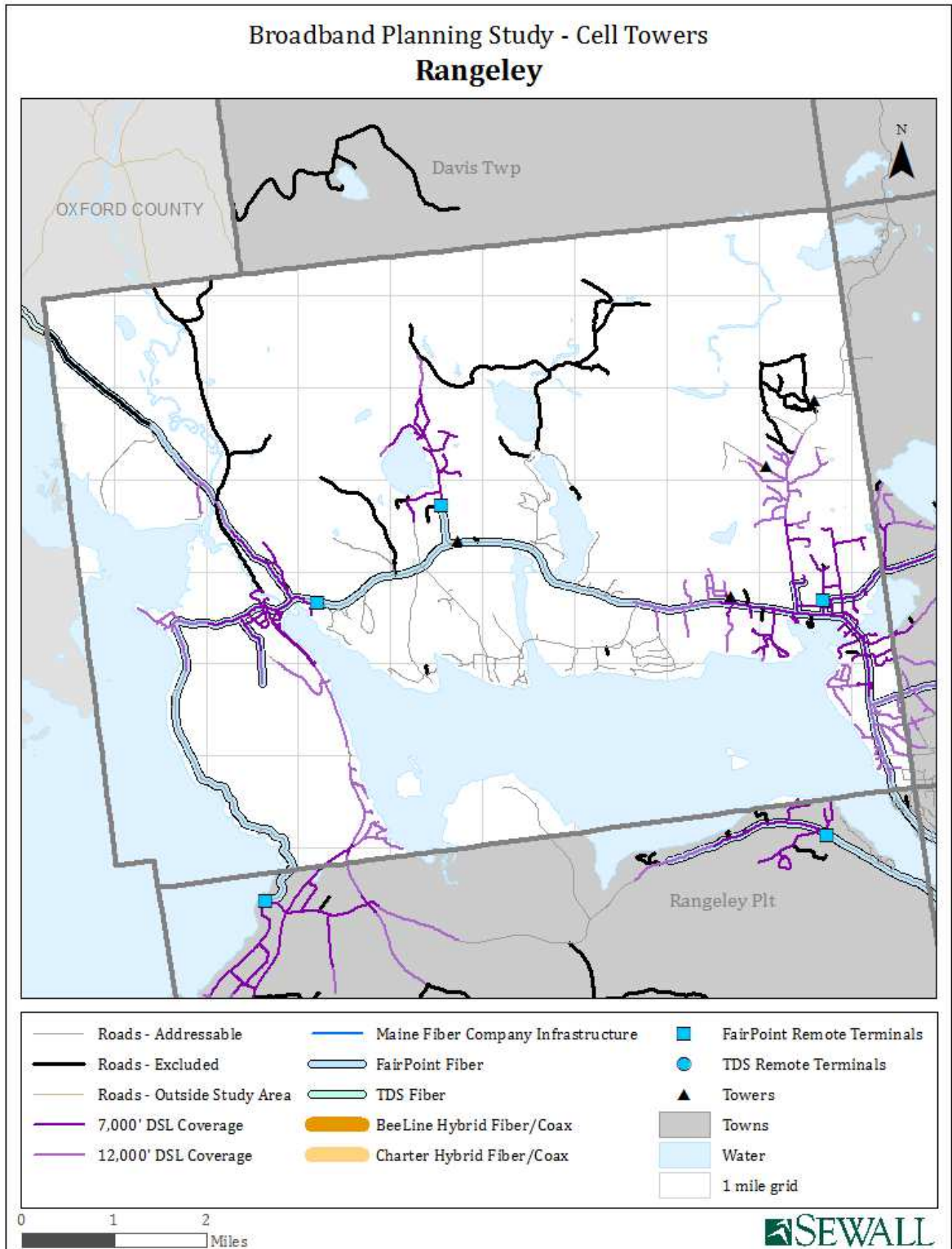


0 1 2  
Miles

SEWALL



## Rangeley Cell Towers Map 12



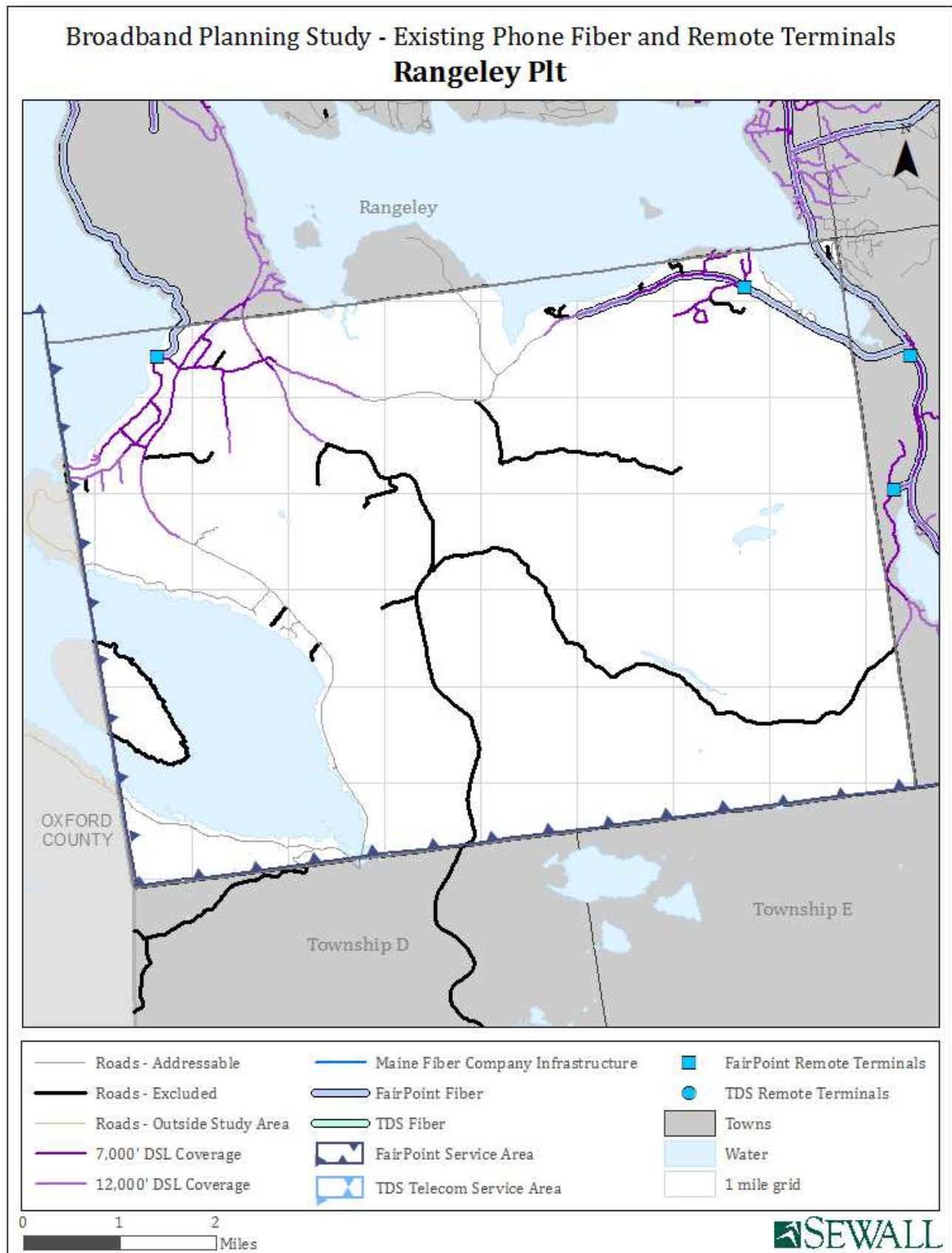
**C-27 Rangeley Plantation**

**Special Considerations**

None

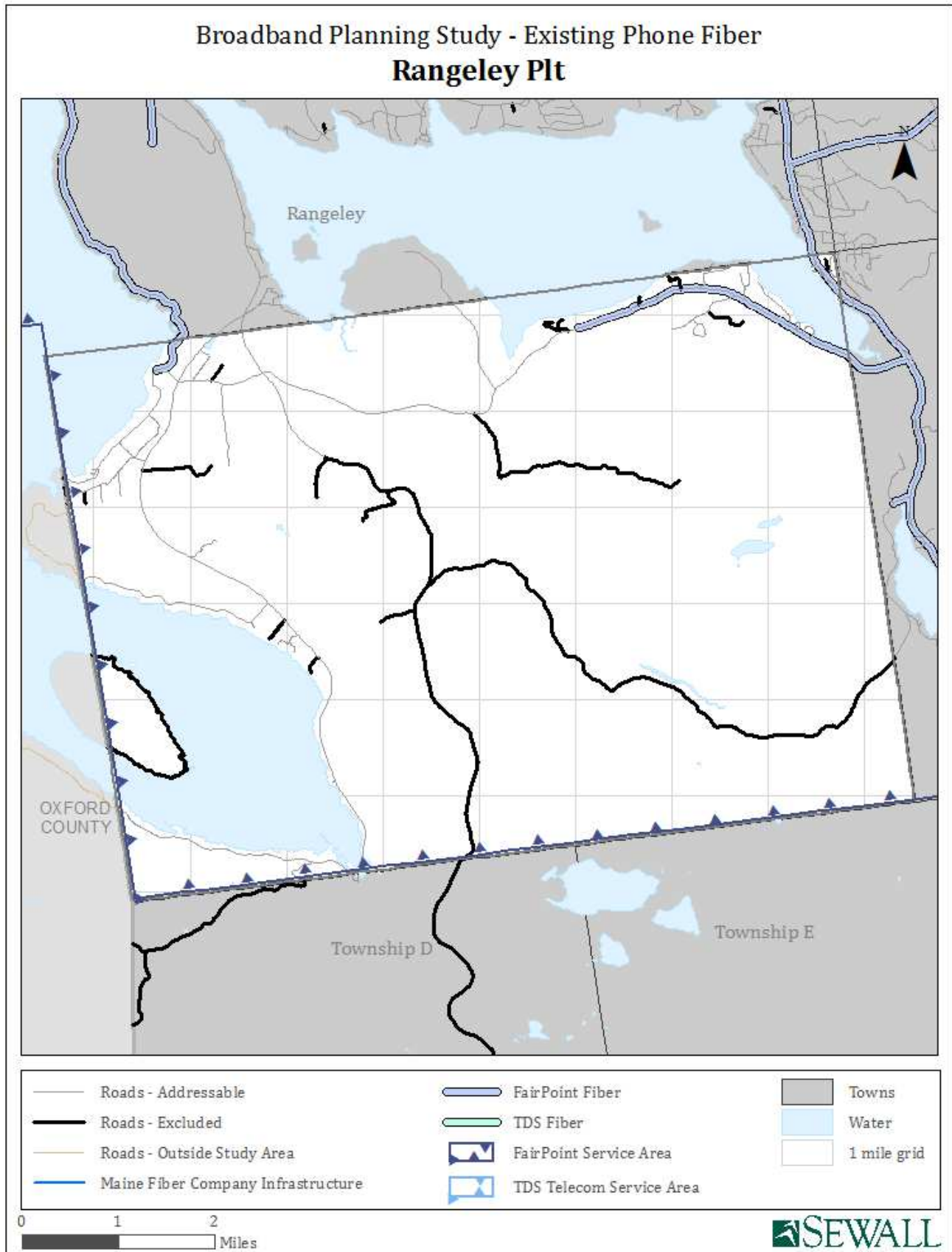
Rangeley Plantation				
Statistical Data	Cost	Unit	Rangeley Plantation	Study Area Totals
911 Addresses			326	22,824
Total Road Mileage			57.4	1,637
Phone Fiber Mileage			4.1	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$ 40,000	mile	35.2	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	321	22,500
<i>Potential Subscribers per mile</i>			9	17
<b>Total Cost</b>			<b>\$1,630,798</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			<i>\$5,080</i>	<i>\$3,123</i>
<i>Per Mile</i>			<i>\$46,392</i>	<i>\$51,558</i>
10M/10M Gap Miles	\$35,000	mile	35.2	910
10M/10M Gap 911 Addresses	\$ 350	sub	321	8,351
<i>Potential Subscribers per mile</i>			9	9
<b>Total Cost</b>			<b>\$1,342,686</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			<i>\$4,183</i>	<i>\$4,164</i>
<i>Per Mile</i>			<i>\$38,196</i>	<i>\$38,212</i>
Potential private investment			\$613,047	\$15,955,247
Potential public subsidy			\$729,639	\$18,820,972
25M/3M Gap Miles			24.7	650
25M/3M Gap 911 Addresses			242	4,931
25M/3M New RT Quantity	\$ 25,000		11	270
25M/3M New Fiber Miles	\$ 25,000		10.1	182
<i>Potential Subscribers per mile</i>			10	8
<b>Total Cost</b>			<b>\$528,585</b>	<b>\$11,305,524</b>
<i>Per Potential Subscriber</i>			<i>\$2,184</i>	<i>\$2,293</i>
Potential private investment			\$259,336	\$4,286,572
Potential public subsidy			\$269,249	\$7,018,952
10M/1M Gap Miles			18.3	407
10M/1M Gap 911 Addresses			213	2,925
10M/1M New RT Quantity	\$ 25,000		4	93
10M/1M New Fiber Miles	\$ 25,000		7.8	74
<i>Potential Subscribers per mile</i>			12	7
<b>Total Cost</b>			<b>\$295,559</b>	<b>\$4,167,973</b>
<i>Per Potential Subscriber</i>			<i>\$1,388</i>	<i>\$1,425</i>
Potential private investment			\$171,798	\$1,497,587
Potential public subsidy			\$123,761	\$2,670,386
CAF-II Funded Locations			235	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	<b>\$15</b>	sub	<b>\$28,890</b>	<b>\$2,025,000</b>
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$23,201	\$899,395
Insurance	\$183	mile	\$6,449	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$7,030	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$4,013	\$281,250
Administration	\$30	sub	\$4,815	\$337,500
<b>Total Operating Expense</b>			<b>\$45,508</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$16,618)</b>	<b>(\$15,689)</b>

### Rangeley Plantation Existing Phone Fiber & Remote Terminals Map 1

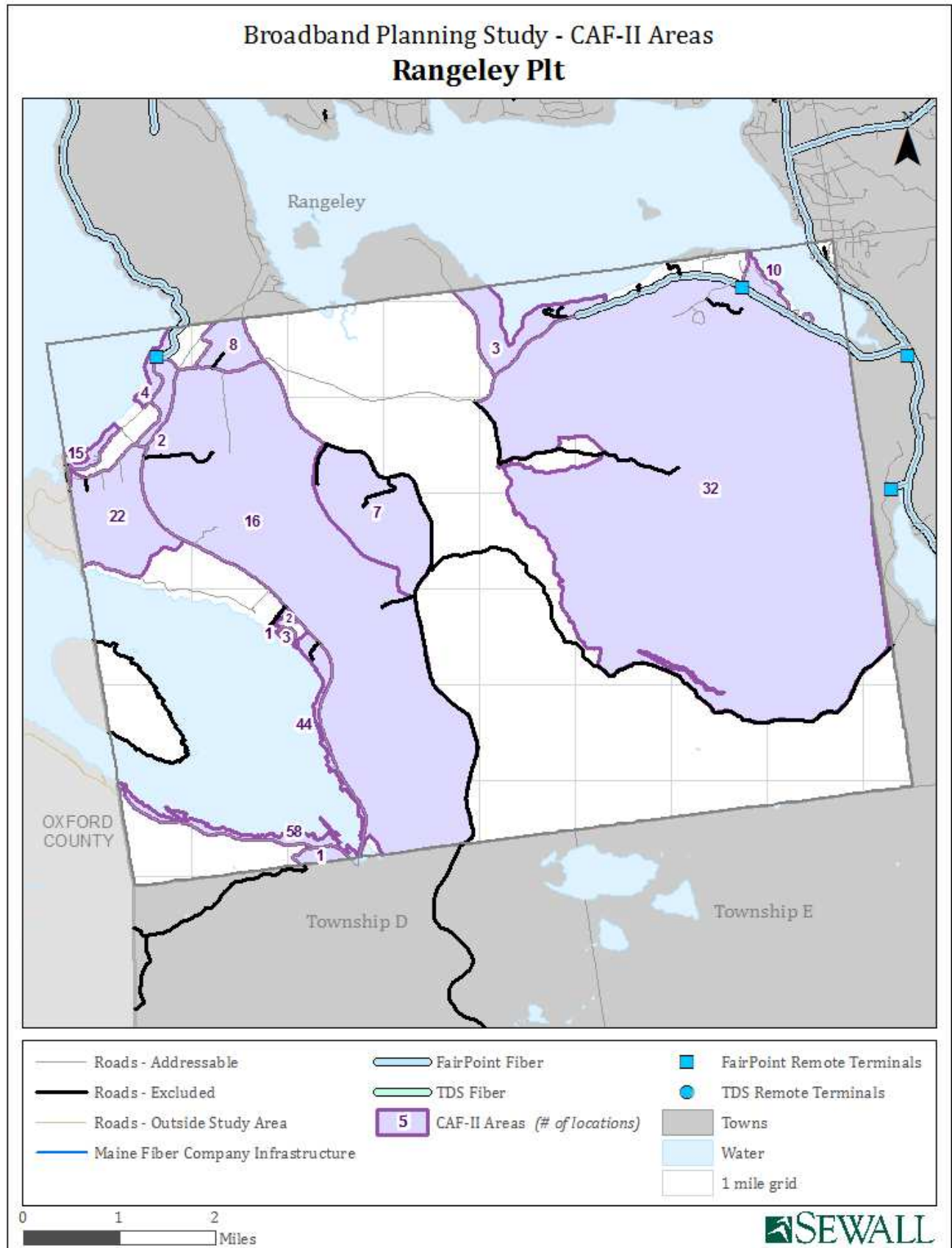




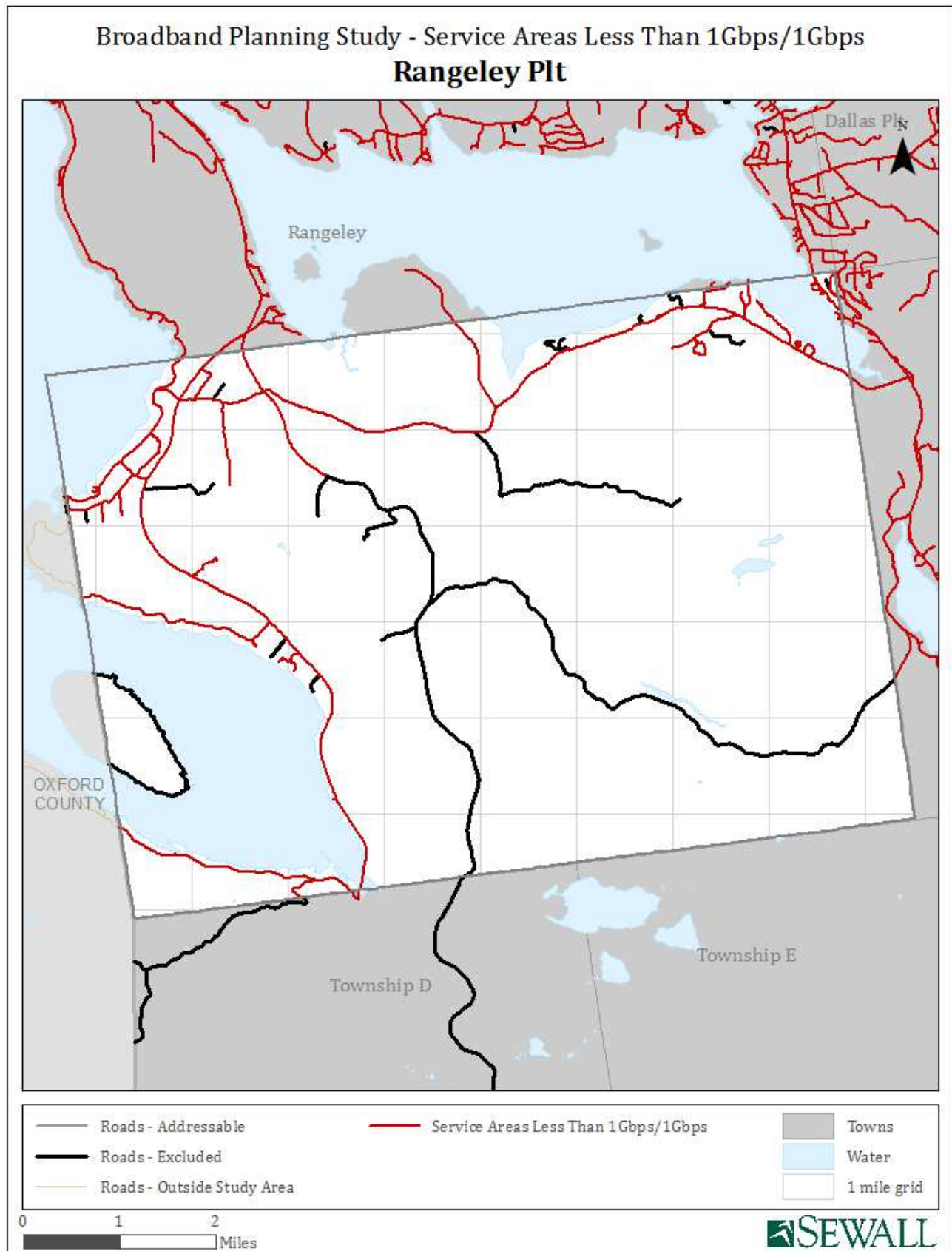
## Rangeley Plantation Existing Phone Fiber Map 2



### Rangeley Plantation CAF-II Map 3

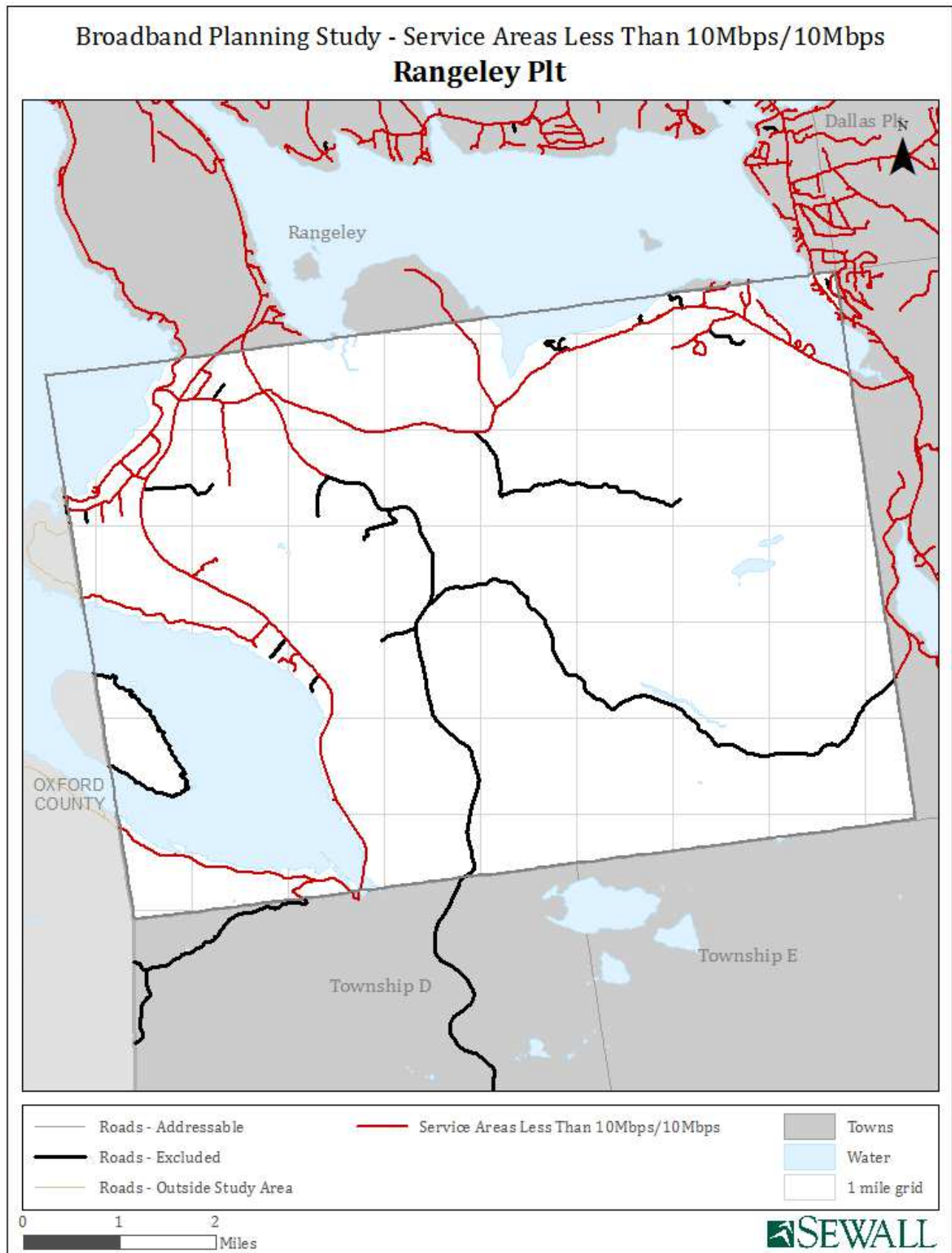


**Rangeley Plantation Service Areas less than 1 Gbps/1 Gbps Map 6**



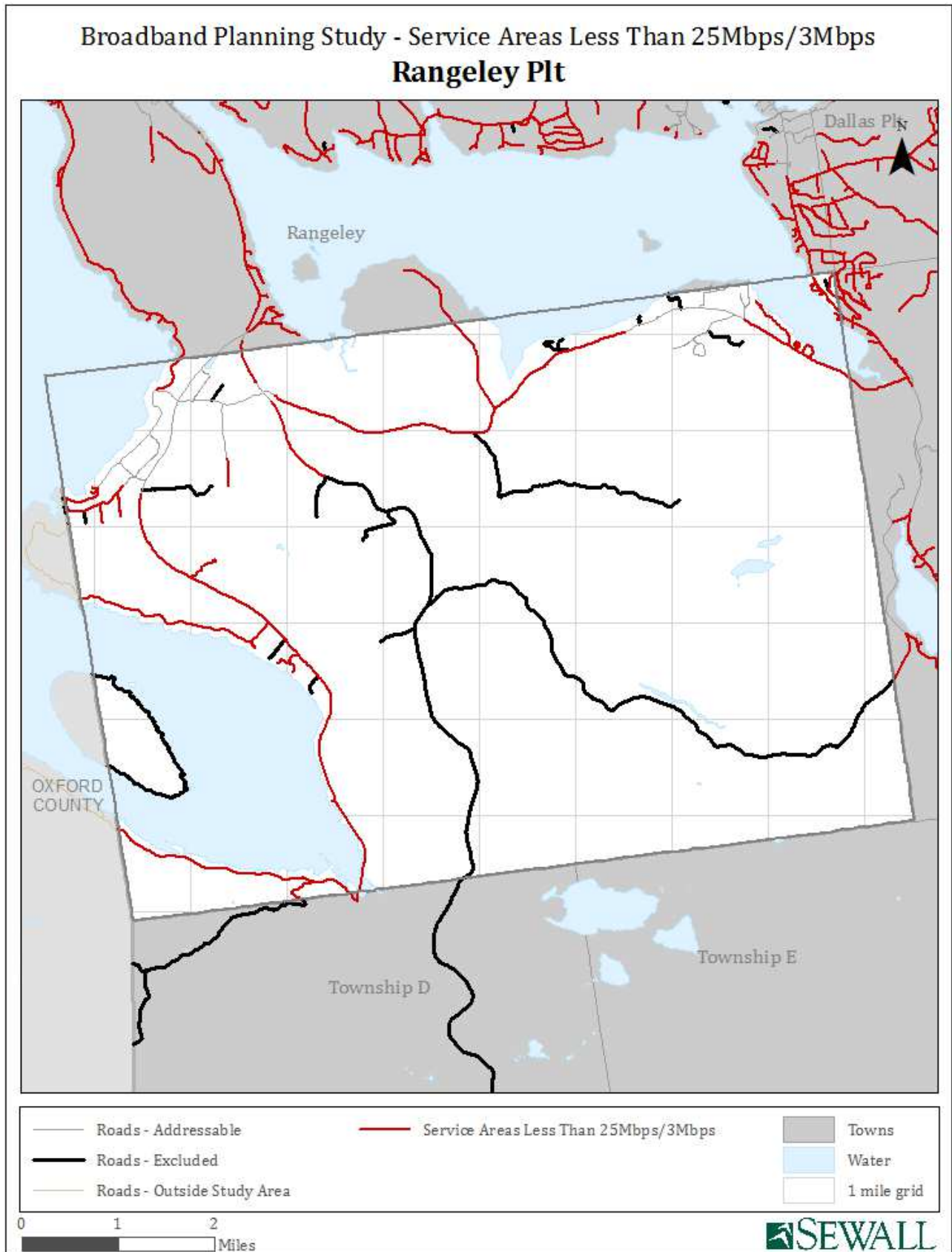


**Rangeley Plantation Service Areas less than 10 Mbps/10 Mbps Map 7**





**Rangeley Plantation Service Areas less than 25 Mbps/3 Mbps Map 8**

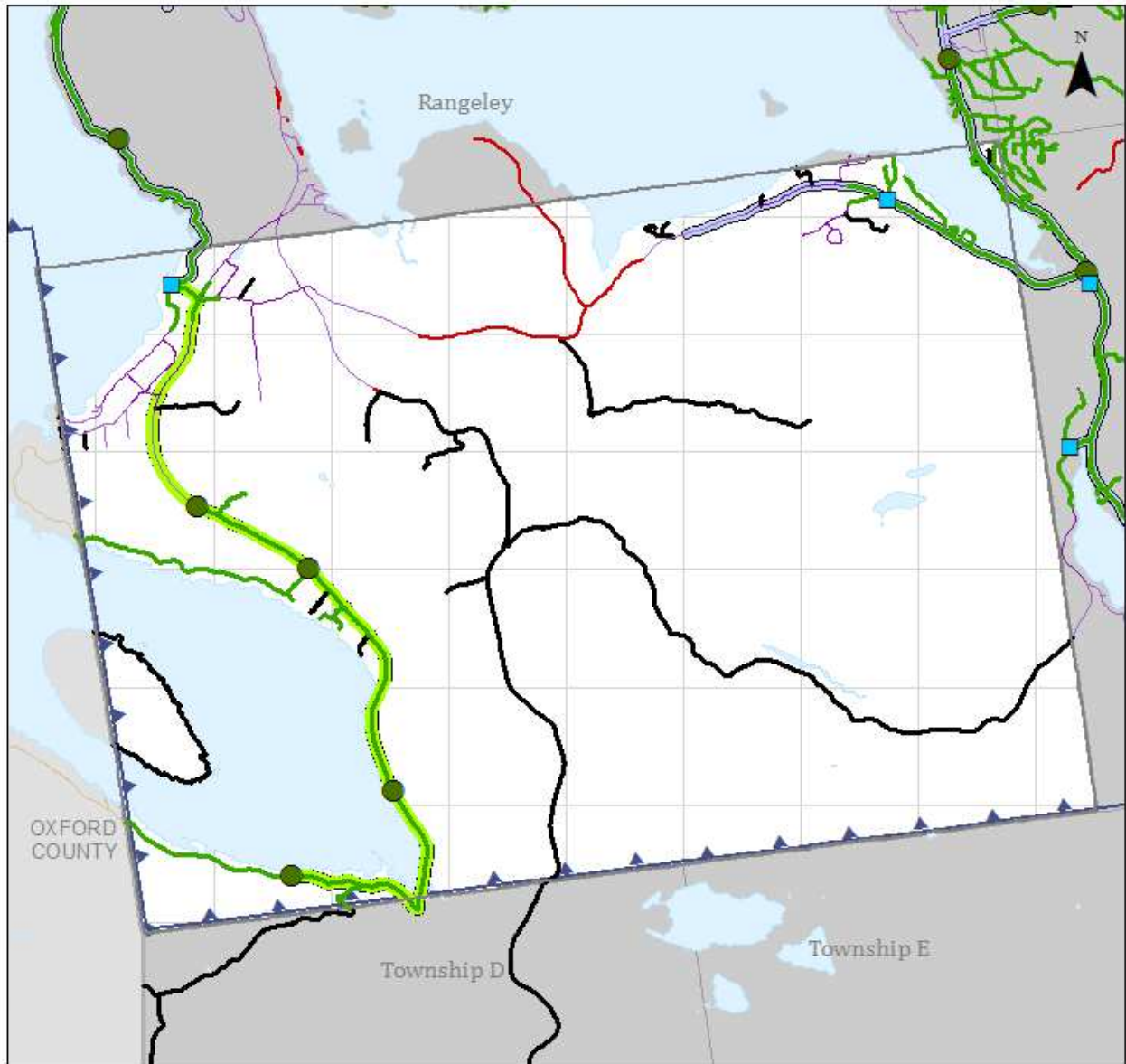


**Rangeley Plantation Service Areas less than 10 Mbps/1 Mbps Map 9**



## Rangeley Plantation Design for Universal Minimum 10 Mbps/1 Mbps Map 10

### Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Rangeley Plt



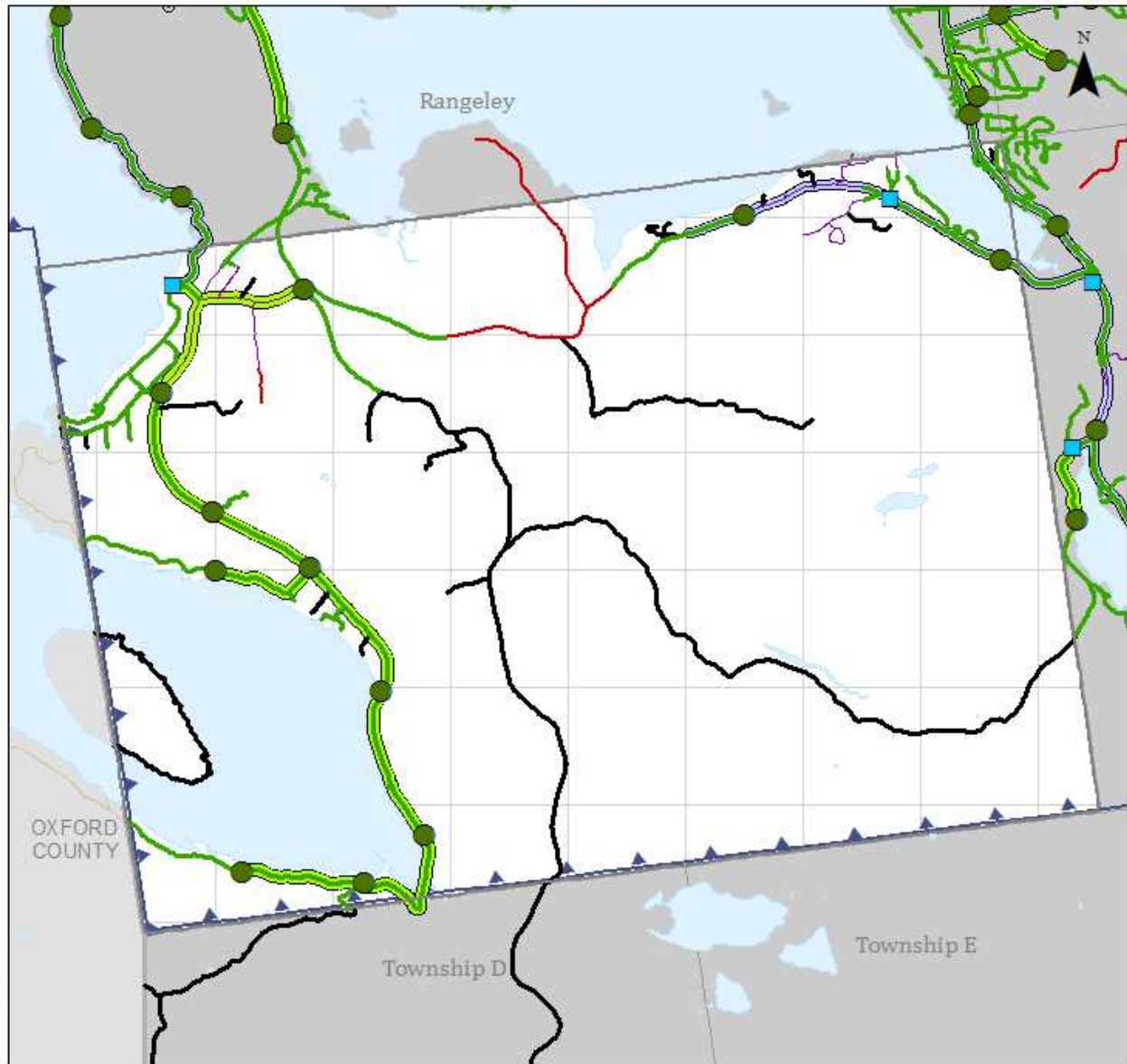
0 1 2  
Miles

SEWALL



### Rangeley Plantation Design for Universal Minimum 25 Mbps/3 Mbps Map 11

#### Broadband Planning Study - Design for Universal Minimum 25Mbps/3Mbps Rangeley Plt



— Roads - Addressable  
 — Roads - Excluded  
 — Roads - Outside Study Area  
 — 7,000' DSL Coverage  
 — Service Areas Less Than 25Mbps/3Mbps

FairPoint Service Area  
 TDS Telecom Service Area  
**25 Mbps/3 Mbps BUILD OUT**  
 ● New Remote Terminals  
 — New Service Areas  
 — New Phone Fiber

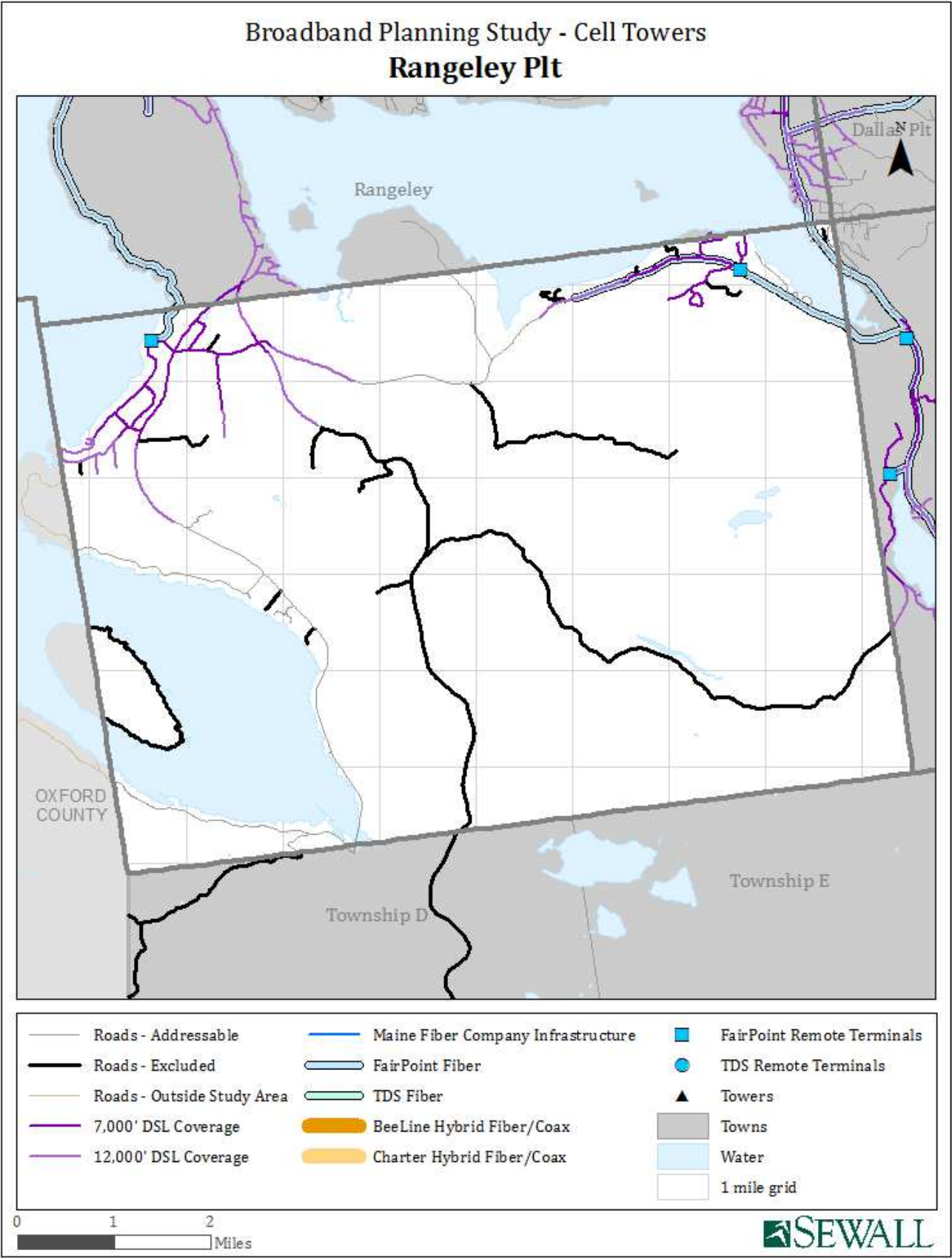
FairPoint Remote Terminals  
 TDS Remote Terminals  
 FairPoint Fiber  
 TDS Fiber  
 Water  
 Towns  
 1 mile grid

0 1 2  
Miles

SEWALL



Rangeley Plantation Cell Towers Map 12



## **C-28 Redington Twp**

### **Special Considerations**

Redington Township is not included in our analysis; however, Navy personnel have expressed regret that no Internet service is available. Extending service through Dallas Plantation into the Navy facility in Redington Township may be a source of funding from the Navy to benefit Dallas Plantation and should be explored.

No cost tables or maps have been developed for Redington.

**C-29 Salem Twp**

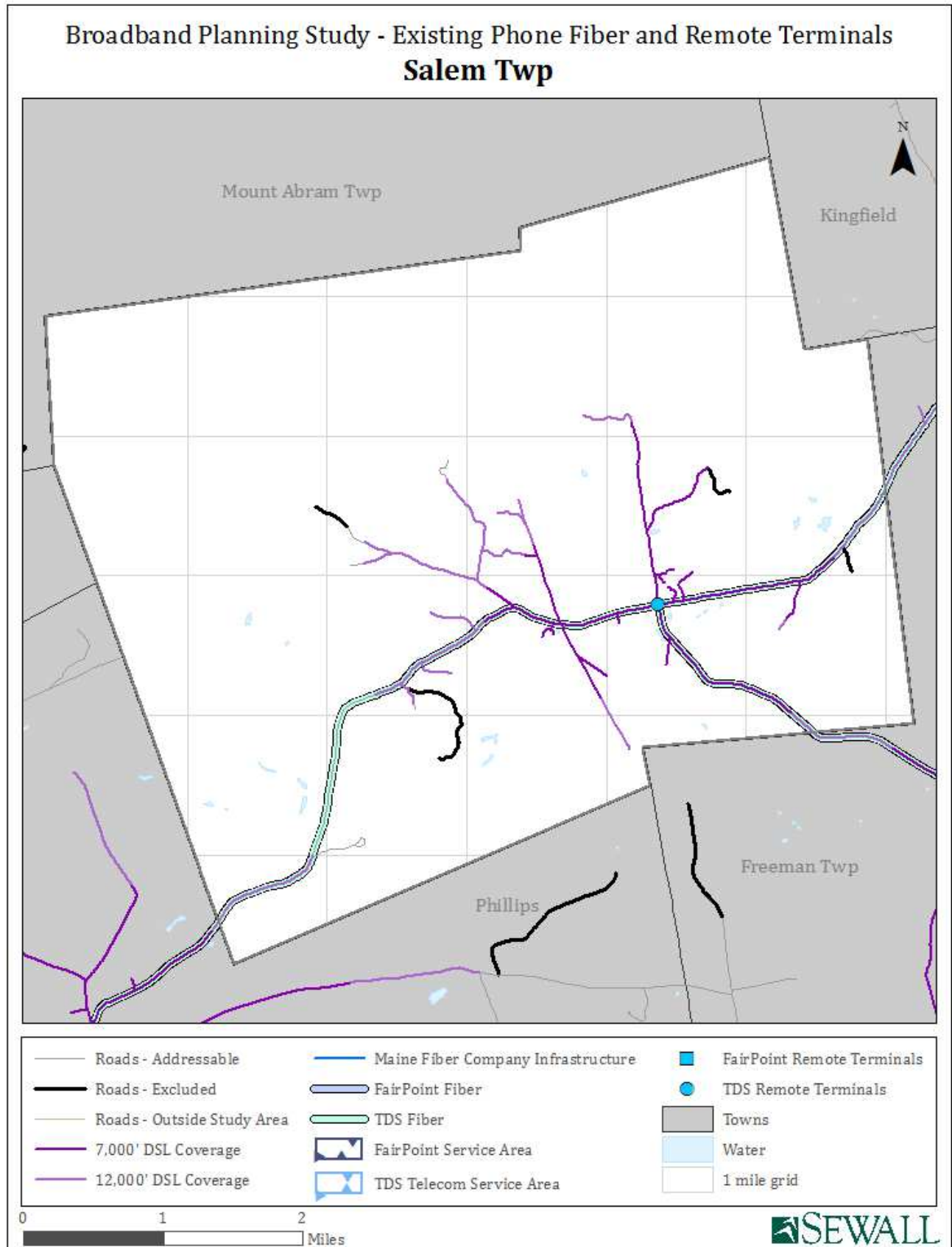
**Special Considerations**

None

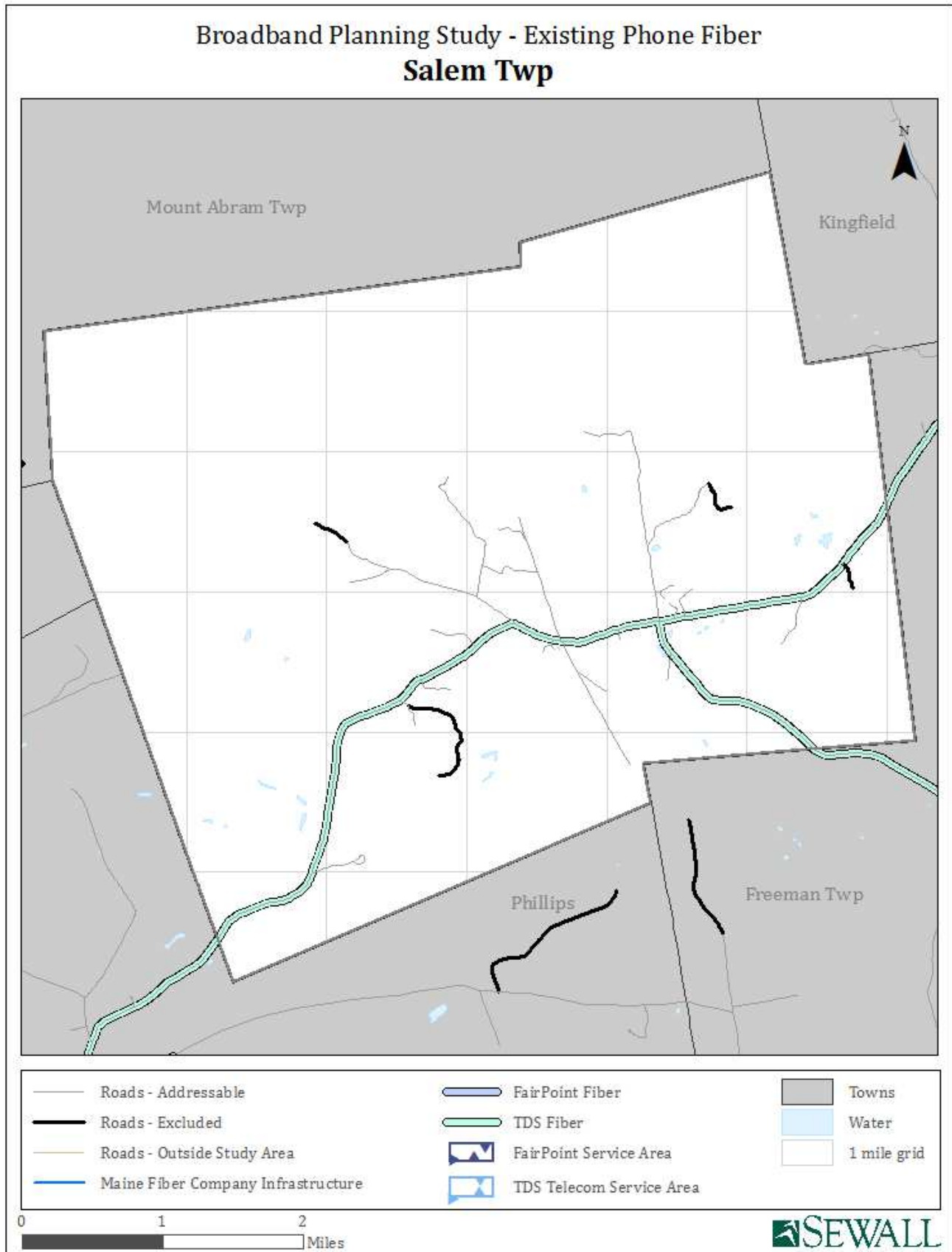
Salem Township				
Statistical Data	Cost	Unit	Salem Twp	Study Area Totals
911 Addresses			184	22,824
Total Road Mileage			20.5	1,637
Phone Fiber Mileage			8.0	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$40,000	mile	18.9	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	183	22,500
<i>Potential Subscribers per mile</i>			10	17
<b>Total Cost</b>			<b>\$884,517</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$4,833	<b>\$3,123</b>
<i>Per Mile</i>			\$46,774	\$51,558
10M/10M Gap Miles	\$35,000	mile	18.9	910
10M/10M Gap 911 Addresses	\$ 350	sub	183	8,351
<i>Potential Subscribers per mile</i>			10	9
<b>Total Cost</b>			<b>\$725,915</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$3,967	<b>\$4,164</b>
<i>Per Mile</i>			\$38,387	\$38,212
Potential private investment			\$351,241	\$15,955,247
Potential public subsidy			\$374,674	\$18,820,972
25M/3M Gap Miles			9.7	650
25M/3M Gap 911 Addresses			65	4,931
25M/3M New RT Quantity	\$25,000		-	270
25M/3M New Fiber Miles	\$25,000		-	182
<i>Potential Subscribers per mile</i>			7	8
<b>Total Cost</b>			\$0	\$11,305,524
<i>Per Potential Subscriber</i>			\$0	\$2,293
Potential private investment			\$0	\$4,286,572
Potential public subsidy			\$0	\$7,018,952
10M/1M Gap Miles			2.4	407
10M/1M Gap 911 Addresses			8	2,925
10M/1M New RT Quantity	\$25,000		-	93
10M/1M New Fiber Miles	\$25,000		-	74
<i>Potential Subscribers per mile</i>			3	7
<b>Total Cost</b>			\$0	\$4,167,973
<i>Per Potential Subscriber</i>			\$0	\$1,425
Potential private investment			\$0	\$1,497,587
Potential public subsidy			\$0	\$2,670,386
CAF-II Funded Locations			-	2,429
A-CAM Funded Locations			183	1,600
<b>Open-Access Dark Fiber Revenue</b>	<b>\$15</b>	sub	\$16,470	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$12,481	\$899,395
Insurance	\$183	mile	\$3,469	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$3,782	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$2,288	\$281,250
Administration	\$30	sub	\$2,745	\$337,500
<b>Total Operating Expense</b>			<b>\$24,765</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$8,295)</b>	<b>(\$15,689)</b>



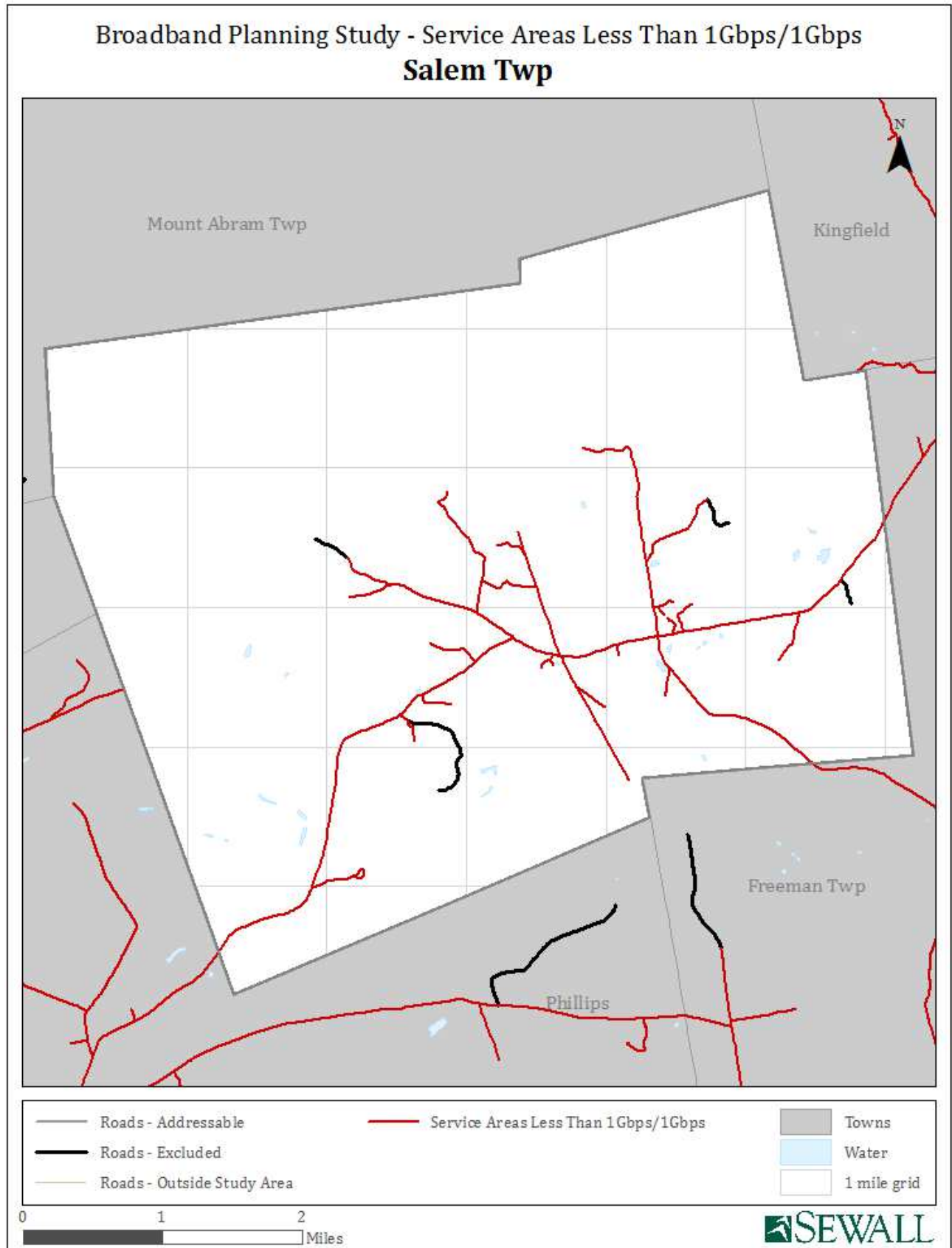
### Salem Twp Existing Phone Fiber & Remote Terminals Map 1



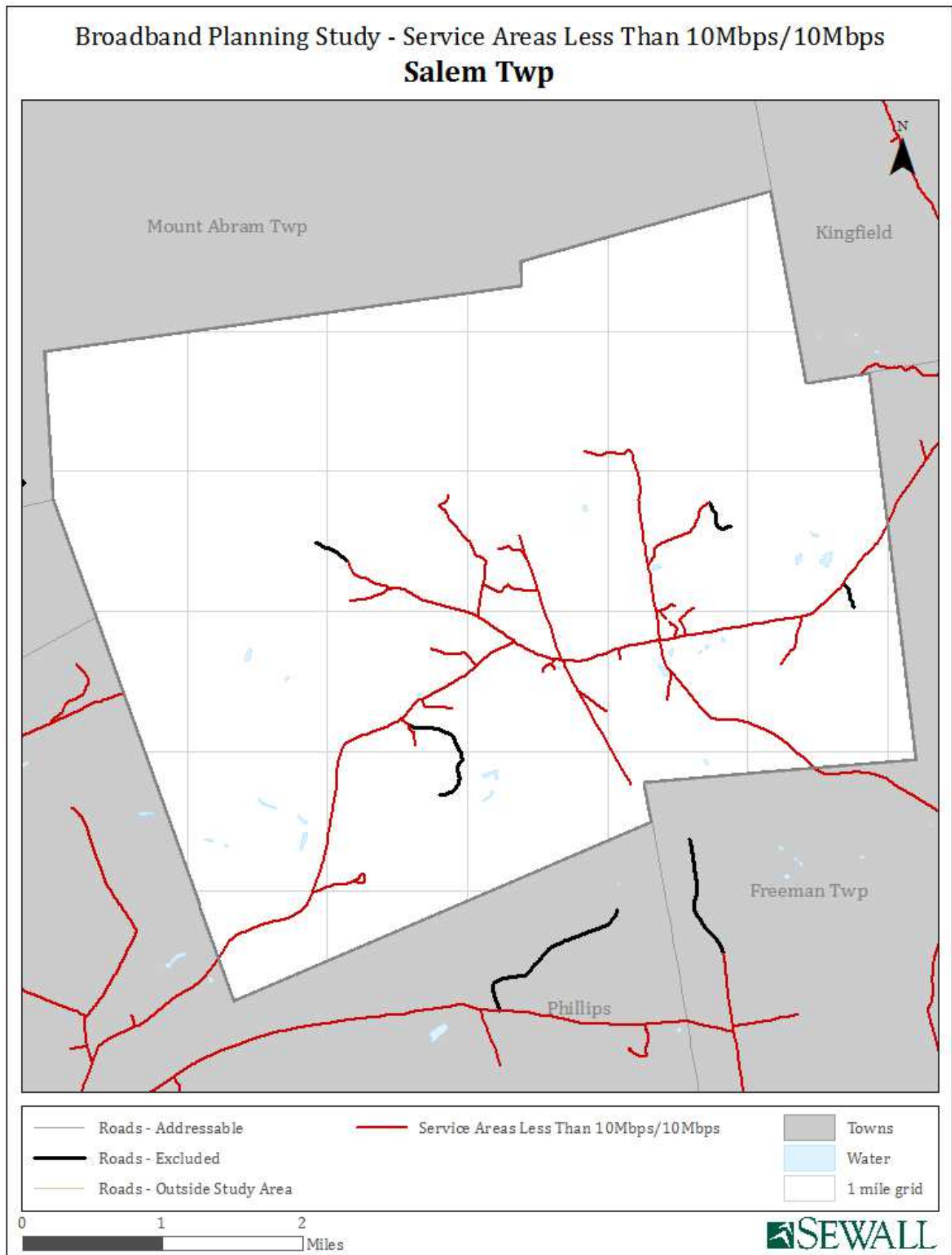
## Salem Twp Existing Phone Fiber Map 2



**Salem Twp Service Areas less than 1 Gbps/1 Gbps Map 6**

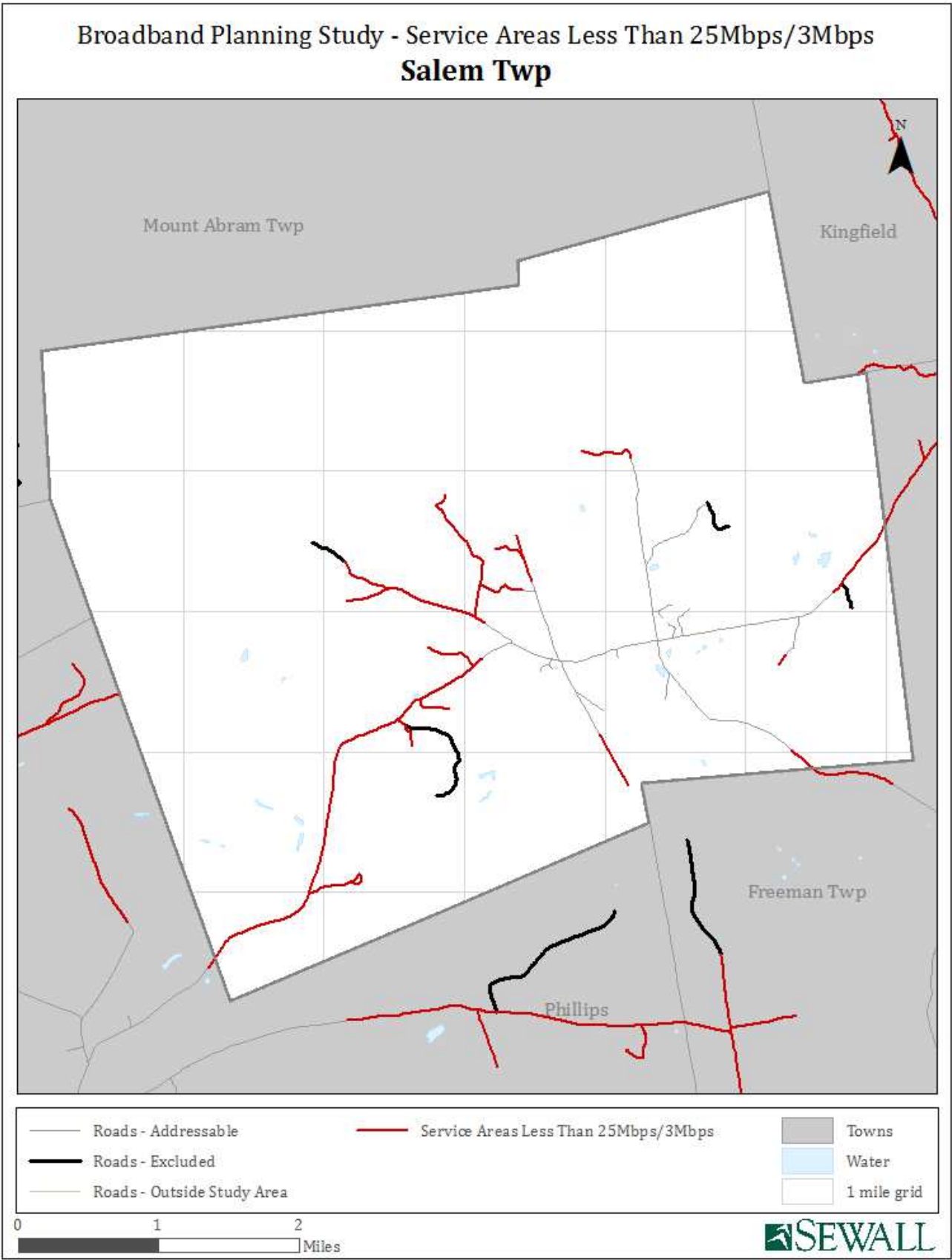


**Salem Twp Service Areas less than 10 Mbps/10 Mbps Map 7**

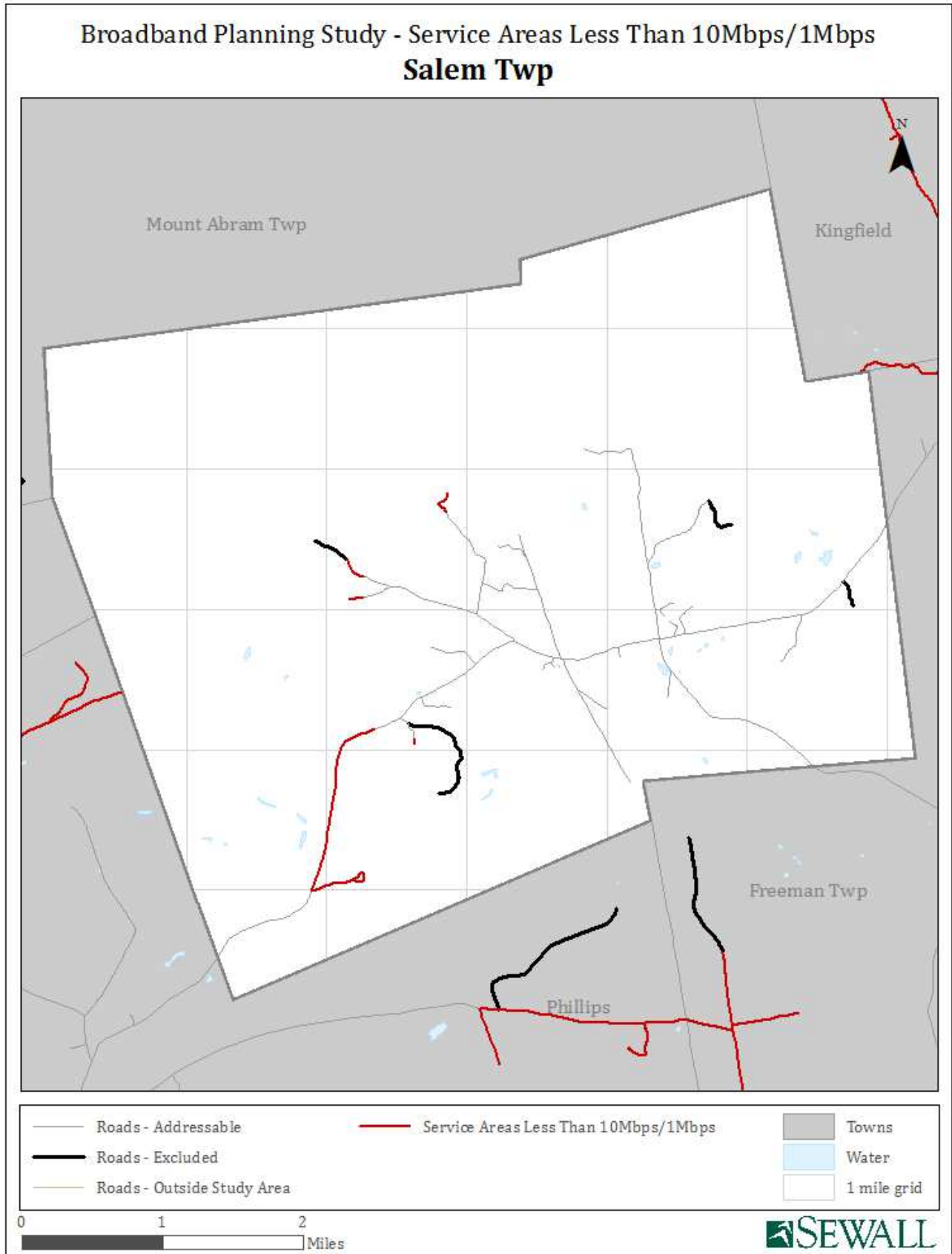




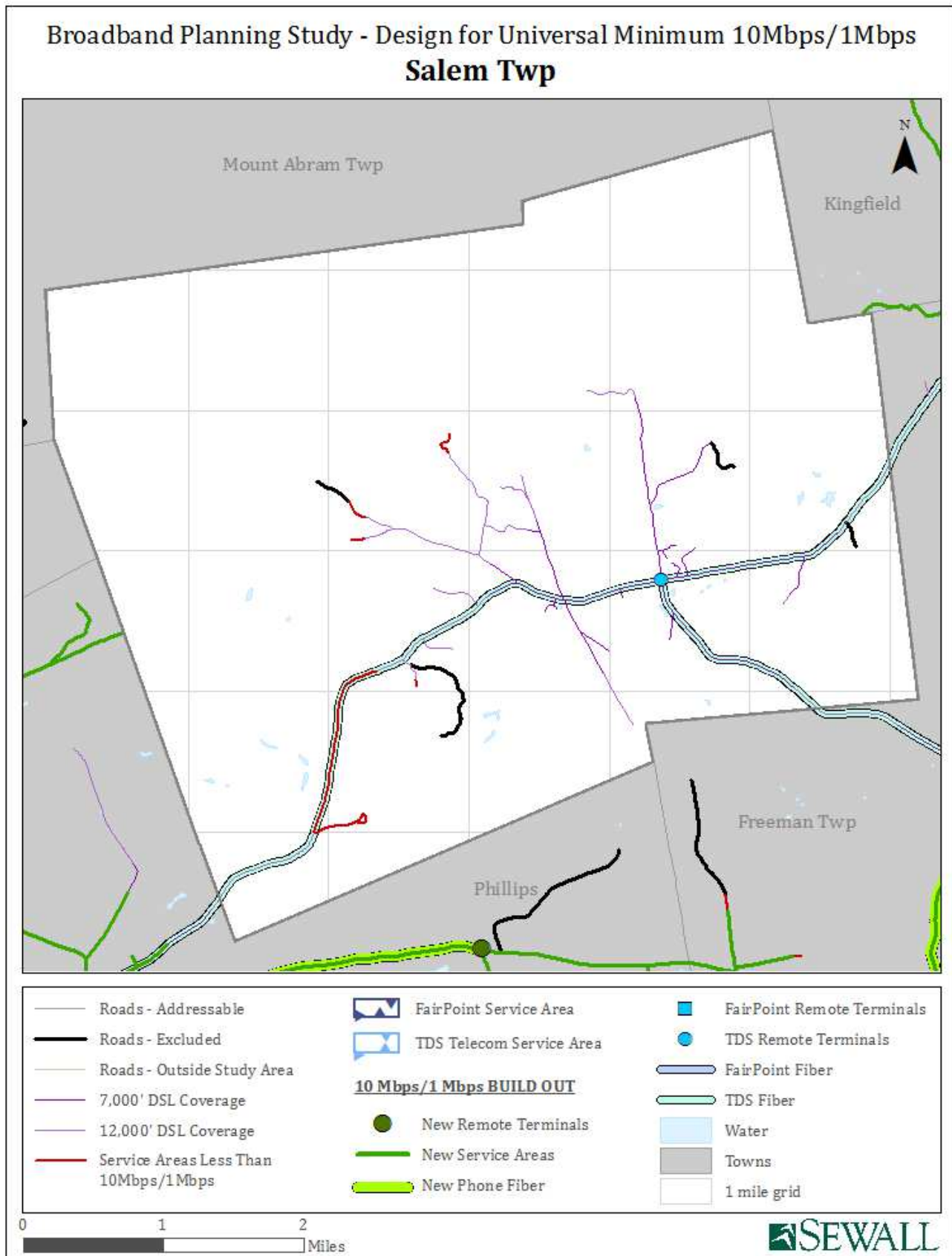
Salem Twp Service Areas less than 25 Mbps/3 Mbps Map 8



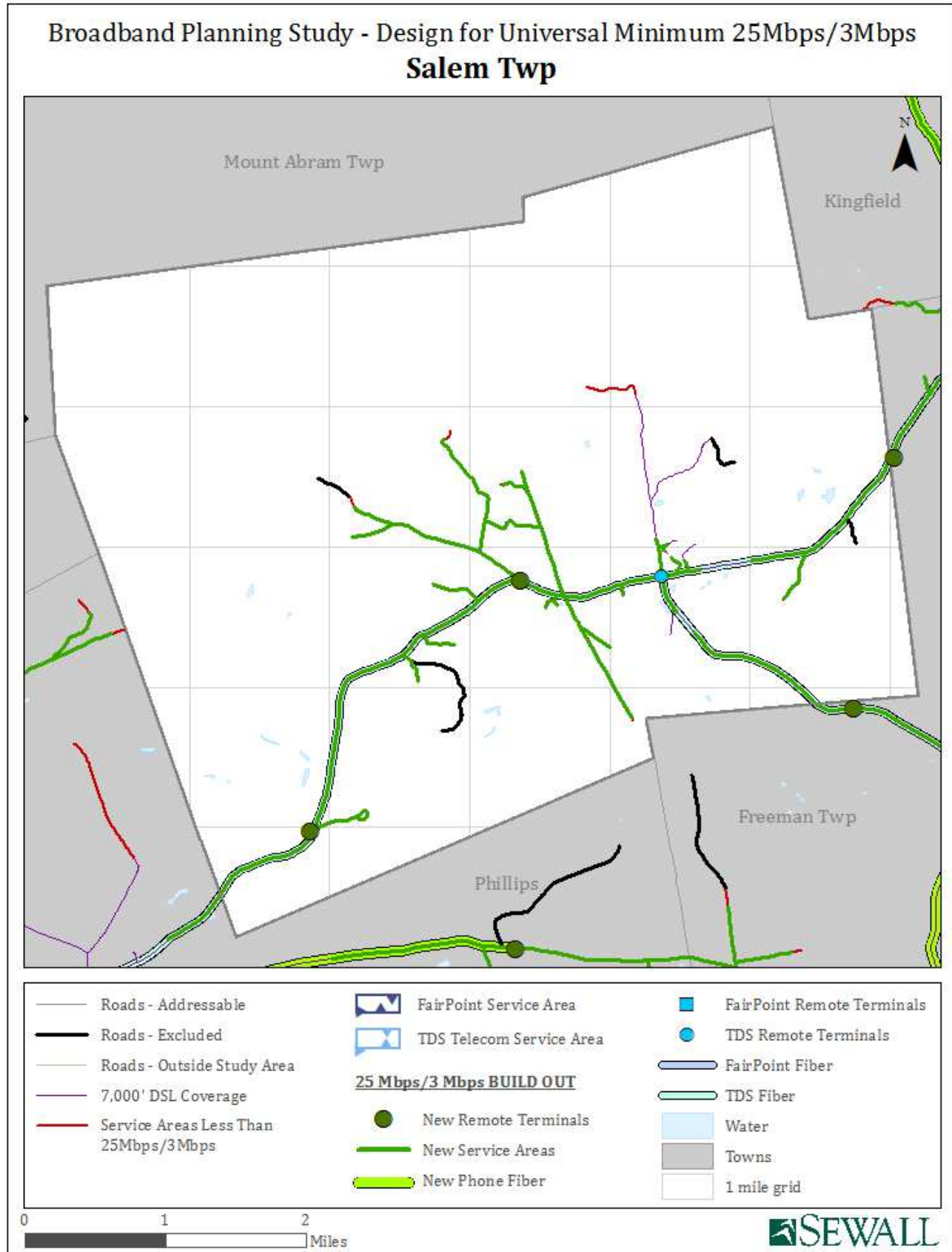
**Salem Twp Service Areas less than 10 Mbps/1 Mbps Map 9**



### Salem Twp Design for Universal Minimum 10 Mbps/1 Mbps Map 10

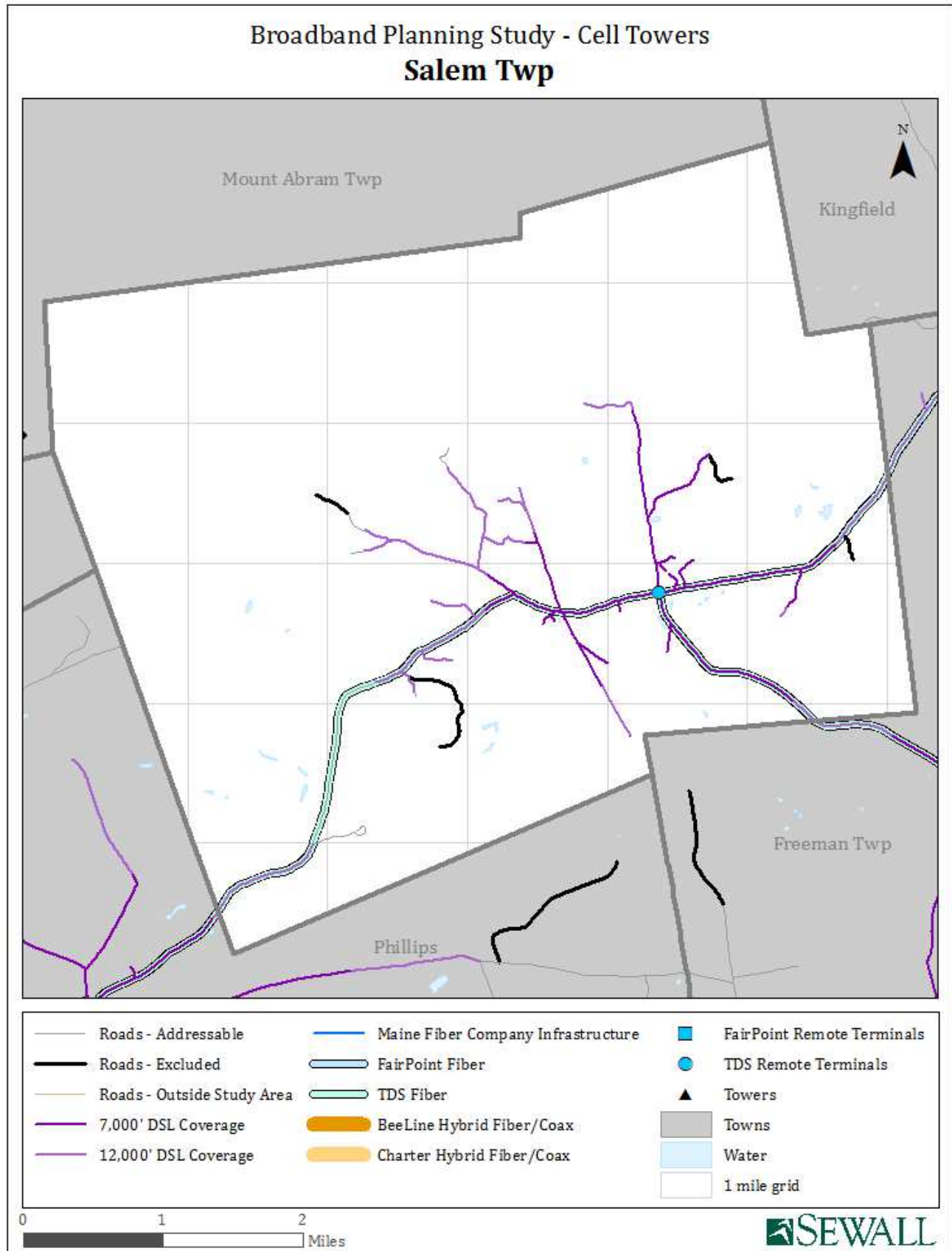


## Salem Twp Design for Universal Minimum 25 Mbps/3 Mbps Map 11





## Salem Twp Cell Towers Map 12



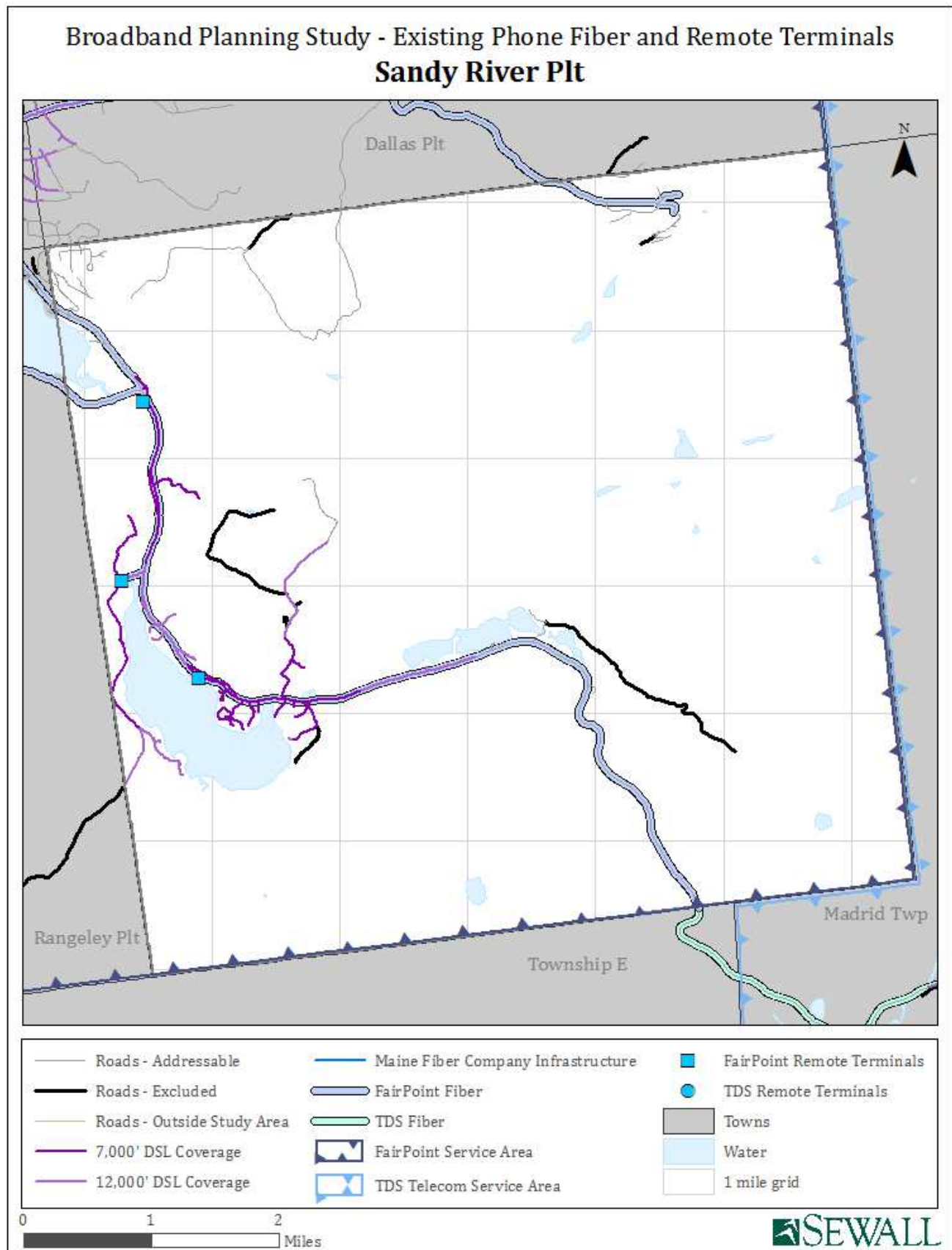
**C-30 Sandy River Plantation**

**Special Considerations**

None

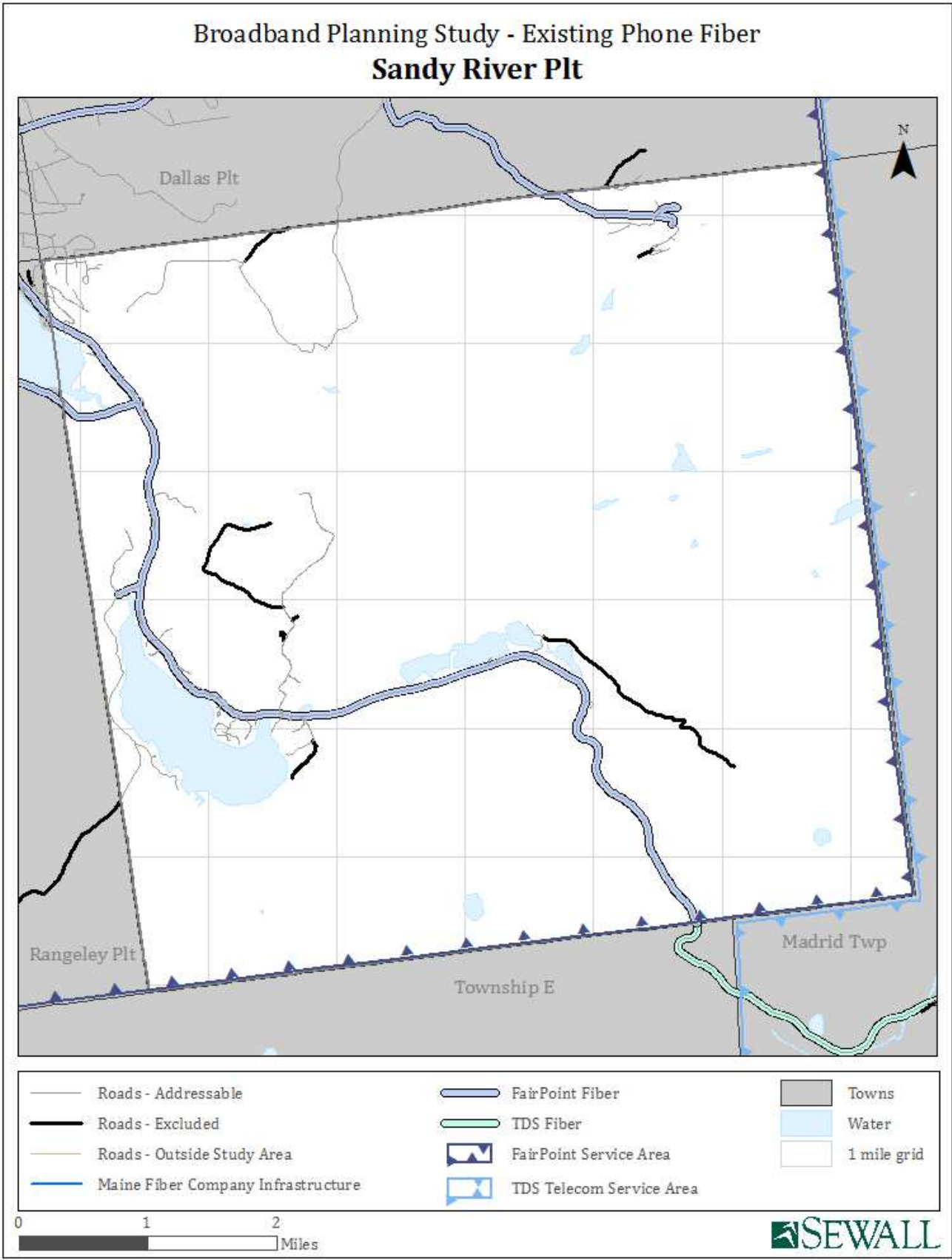
Sandy River Plantation				
Statistical Data	Cost	Unit	Sandy River Plantation	Study Area Totals
911 Addresses			292	22,824
Total Road Mileage			34.4	1,637
Phone Fiber Mileage			11.1	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$ 40,000	mile	29.8	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	289	22,500
<i>Potential Subscribers per mile</i>			10	17
<b>Total Cost</b>			<b>\$1,395,381</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$4,828	<b>\$3,123</b>
<i>Per Mile</i>			\$46,782	\$51,558
10M/10M Gap Miles	\$35,000	mile	29.8	910
10M/10M Gap 911 Addresses	\$ 350	sub	289	8,351
<i>Potential Subscribers per mile</i>			10	9
<b>Total Cost</b>			<b>\$1,145,096</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$3,962	<b>\$4,164</b>
<i>Per Mile</i>			\$38,391	\$38,212
Potential private investment			\$554,753	\$15,955,247
Potential public subsidy			\$590,342	\$18,820,972
25M/3M Gap Miles			20.7	650
25M/3M Gap 911 Addresses			189	4,931
25M/3M New RT Quantity	\$ 25,000		7	270
25M/3M New Fiber Miles	\$ 25,000		0.7	182
<i>Potential Subscribers per mile</i>			9	8
<b>Total Cost</b>			\$192,347	\$11,305,524
<i>Per Potential Subscriber</i>			\$1,018	\$2,293
Potential private investment			\$87,736	\$4,286,572
Potential public subsidy			\$104,611	\$7,018,952
10M/1M Gap Miles			15.8	407
10M/1M Gap 911 Addresses			148	2,925
10M/1M New RT Quantity	\$ 25,000		2	93
10M/1M New Fiber Miles	\$ 25,000		-	74
<i>Potential Subscribers per mile</i>			9	7
<b>Total Cost</b>			\$50,000	\$4,167,973
<i>Per Potential Subscriber</i>			\$338	\$1,425
Potential private investment			\$23,469	\$1,497,587
Potential public subsidy			\$26,531	\$2,670,386
CAF-II Funded Locations			212	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$26,010	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$19,686	\$899,395
Insurance	\$183	mile	\$5,472	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$5,965	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$3,613	\$281,250
Administration	\$30	sub	\$4,335	\$337,500
<b>Total Operating Expense</b>			<b>\$39,071</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$13,061)</b>	<b>(\$15,689)</b>

### Sandy River Plantation Existing Phone Fiber & Remote Terminals Map 1

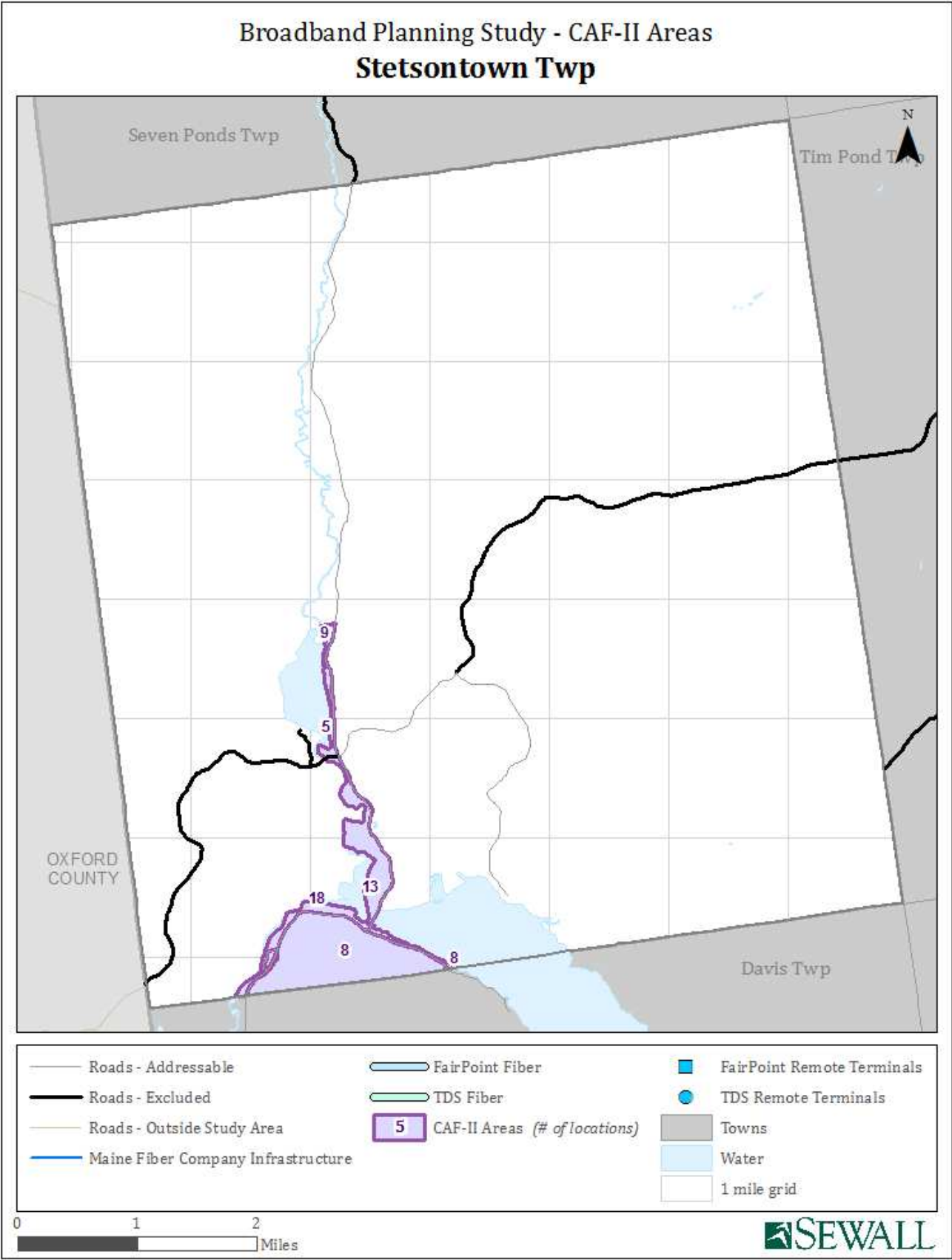




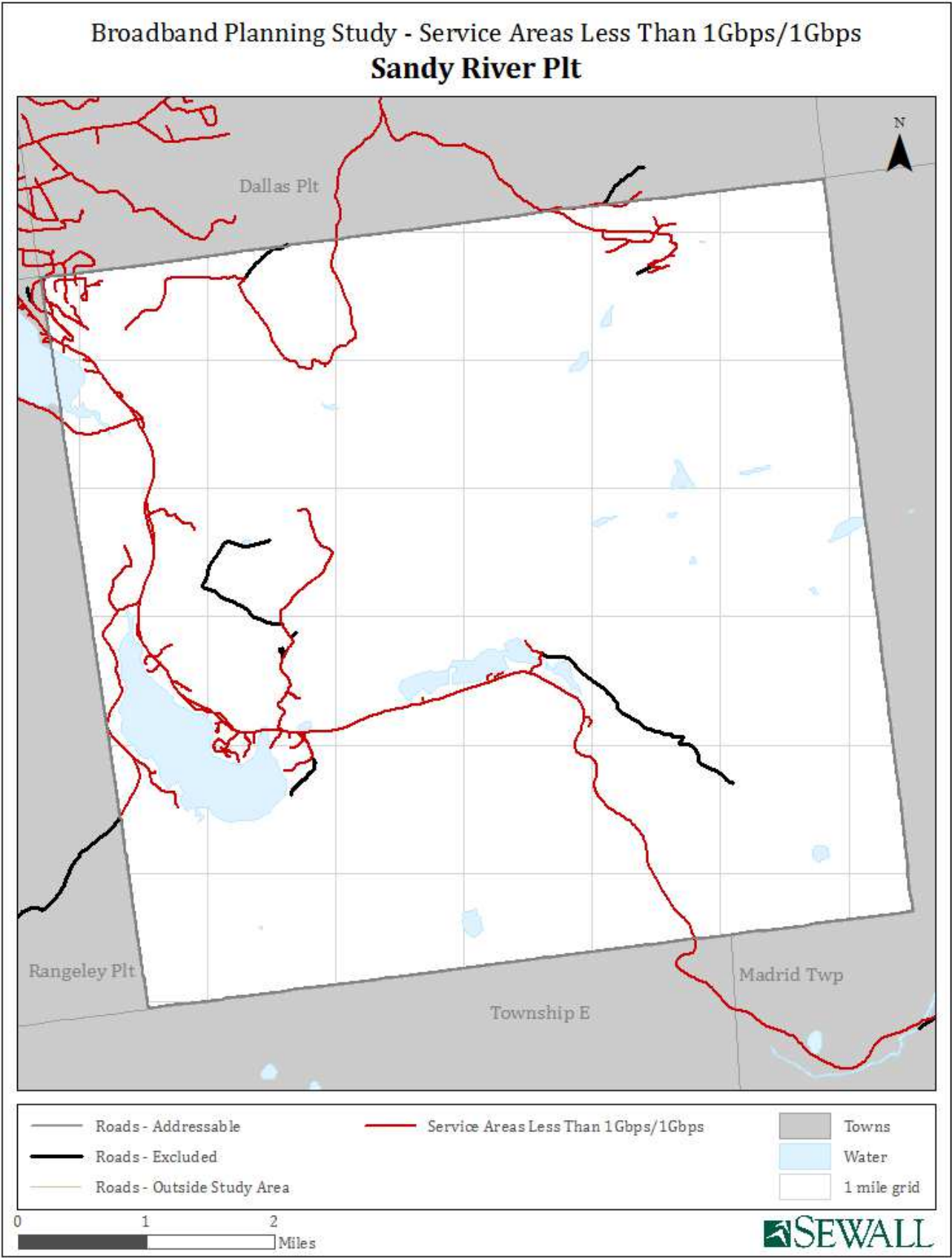
Sandy River Plantation Existing Phone Fiber Map 2



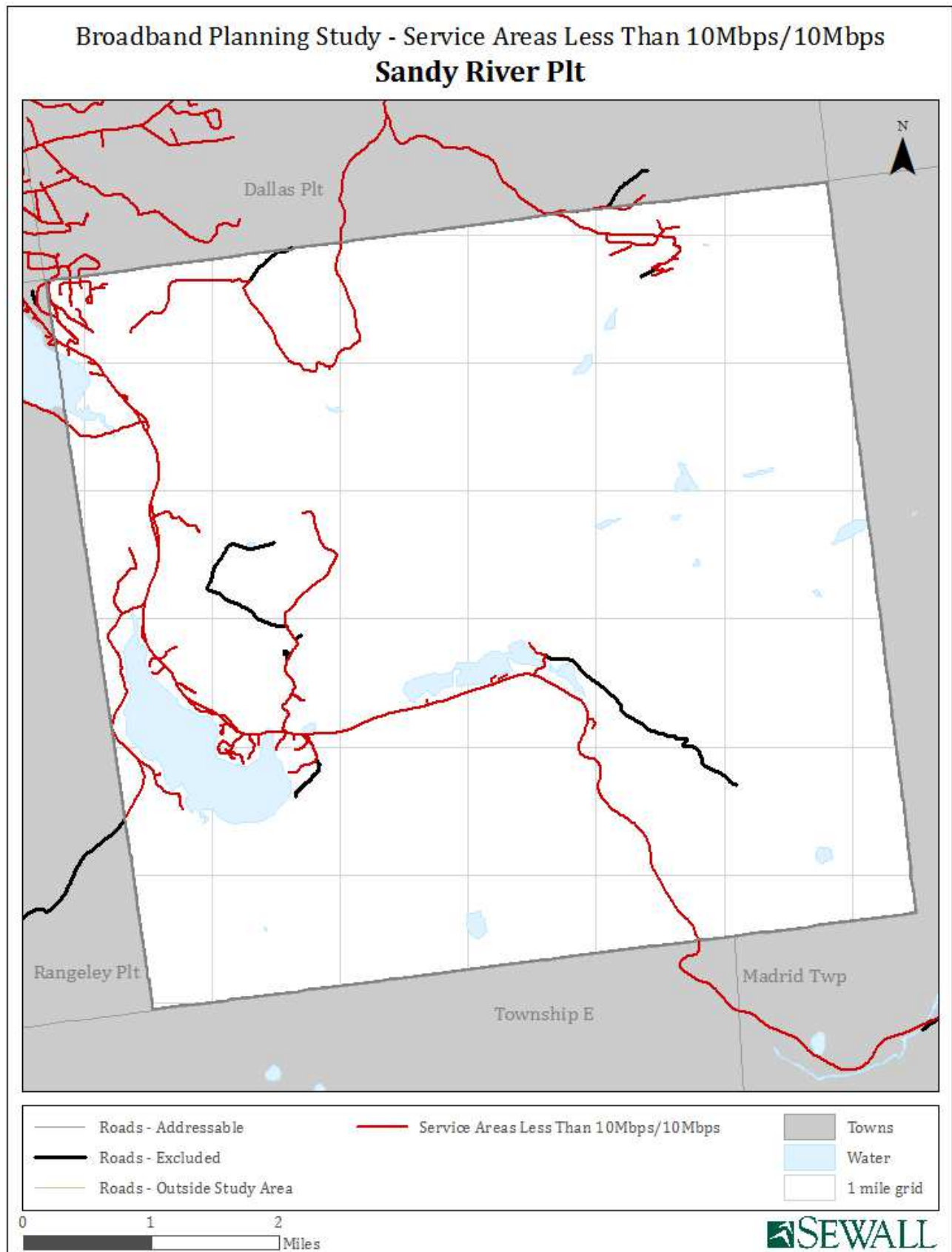
Sandy River Plantation CAF-II Map 3



Sandy River Plantation Service Areas less than 1 Gbps/1 Gbps Map 6

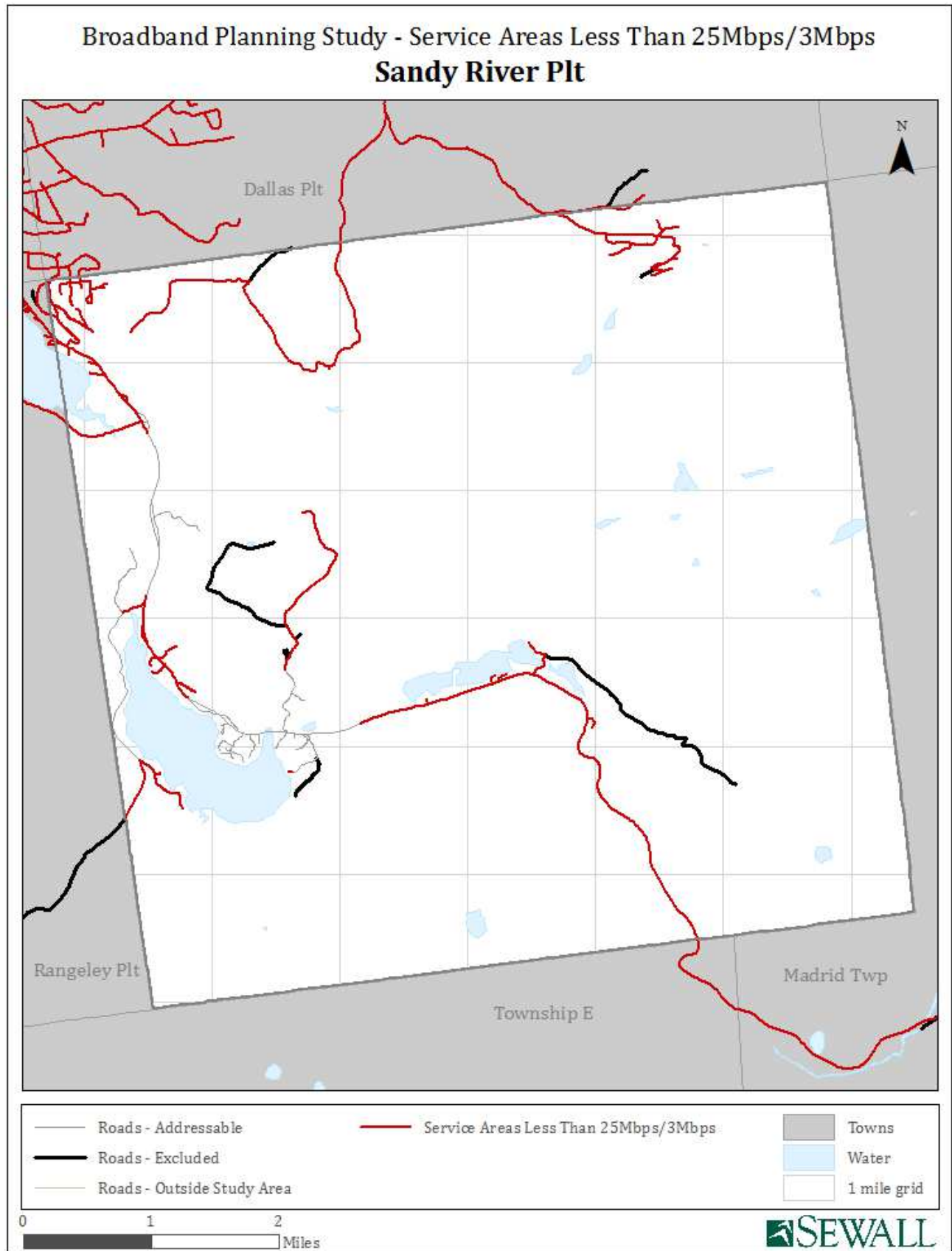


**Sandy River Plantation Service Areas less than 10 Mbps/10 Mbps Map 7**

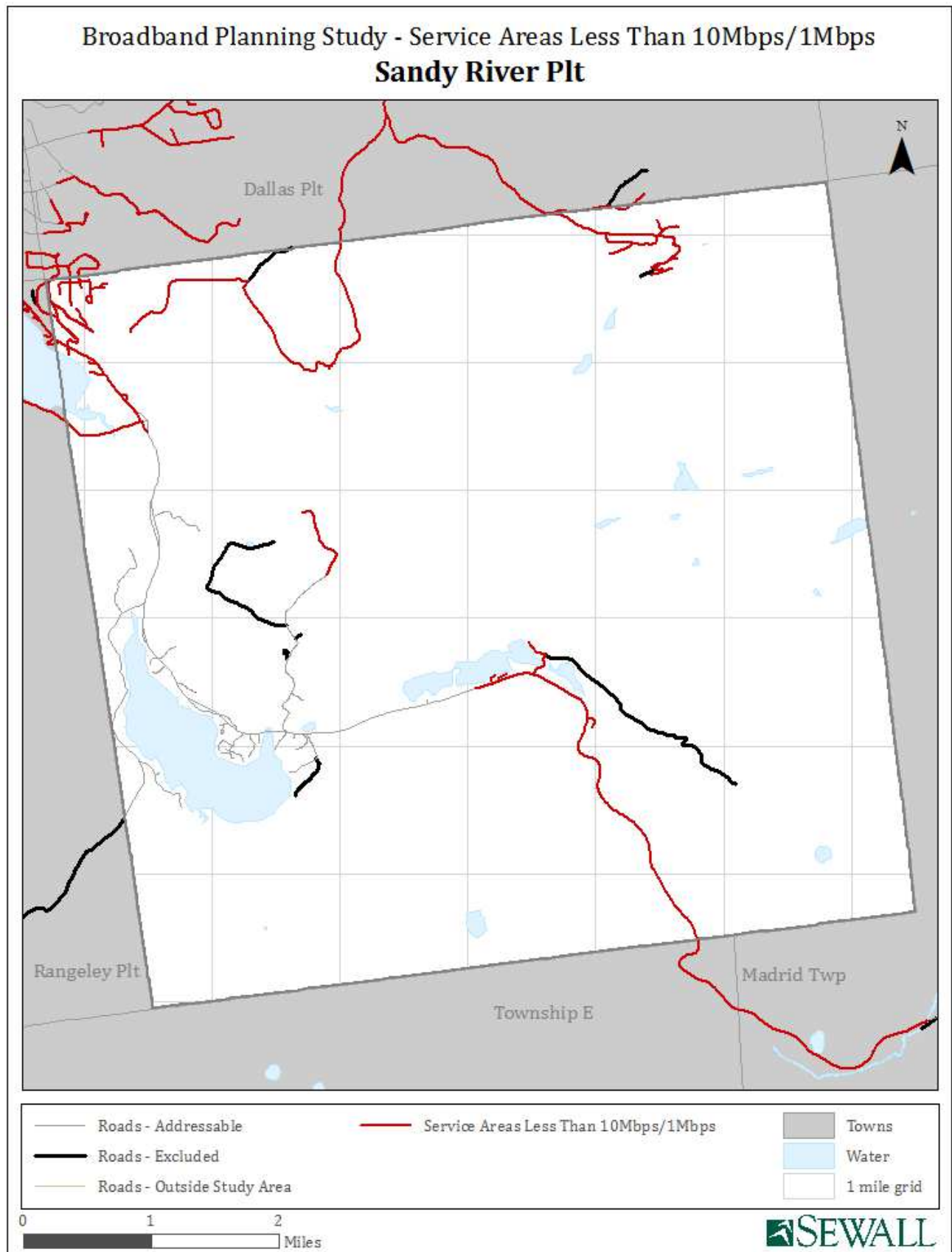




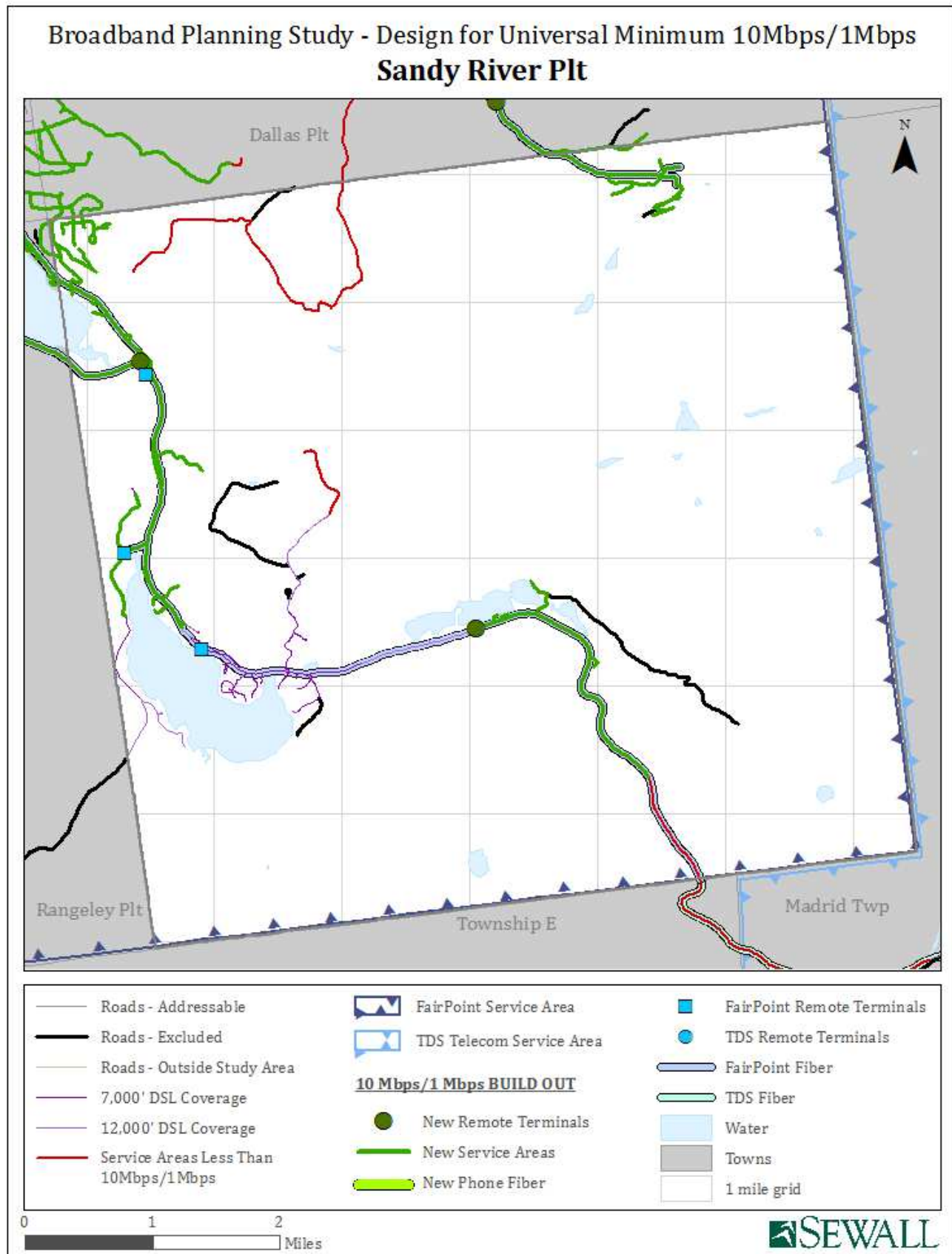
**Sandy River Plantation Service Areas less than 25 Mbps/3 Mbps Map 8**



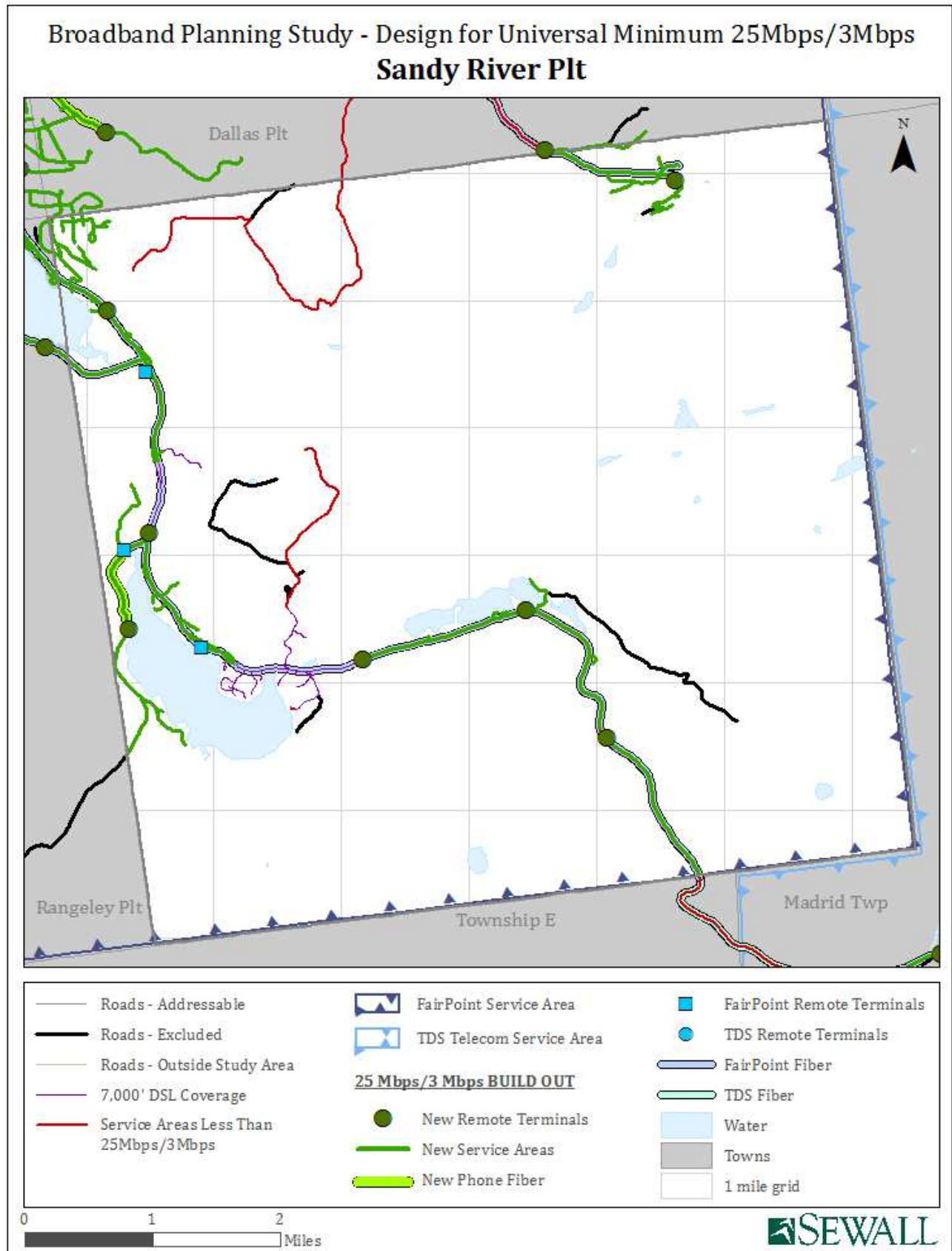
**Sandy River Plantation Service Areas less than 10 Mbps/1 Mbps Map 9**



## Sandy River Plantation Design for Universal Minimum 10 Mbps/1 Mbps Map 10

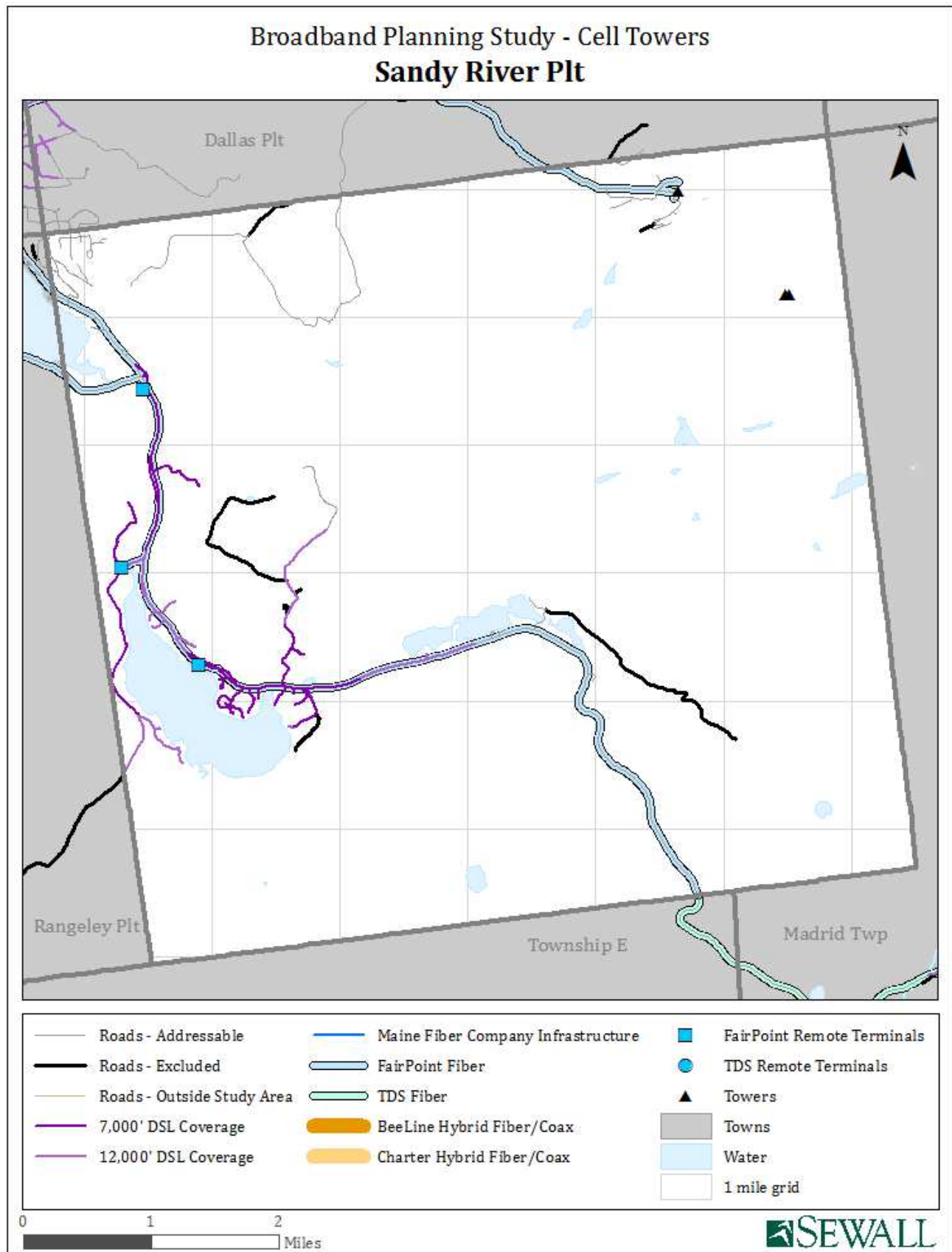


# Sandy River Plantation Design for Universal Minimum 25 Mbps/3 Mbps Map 11





## Sandy River Plantation Cell Towers Map 12



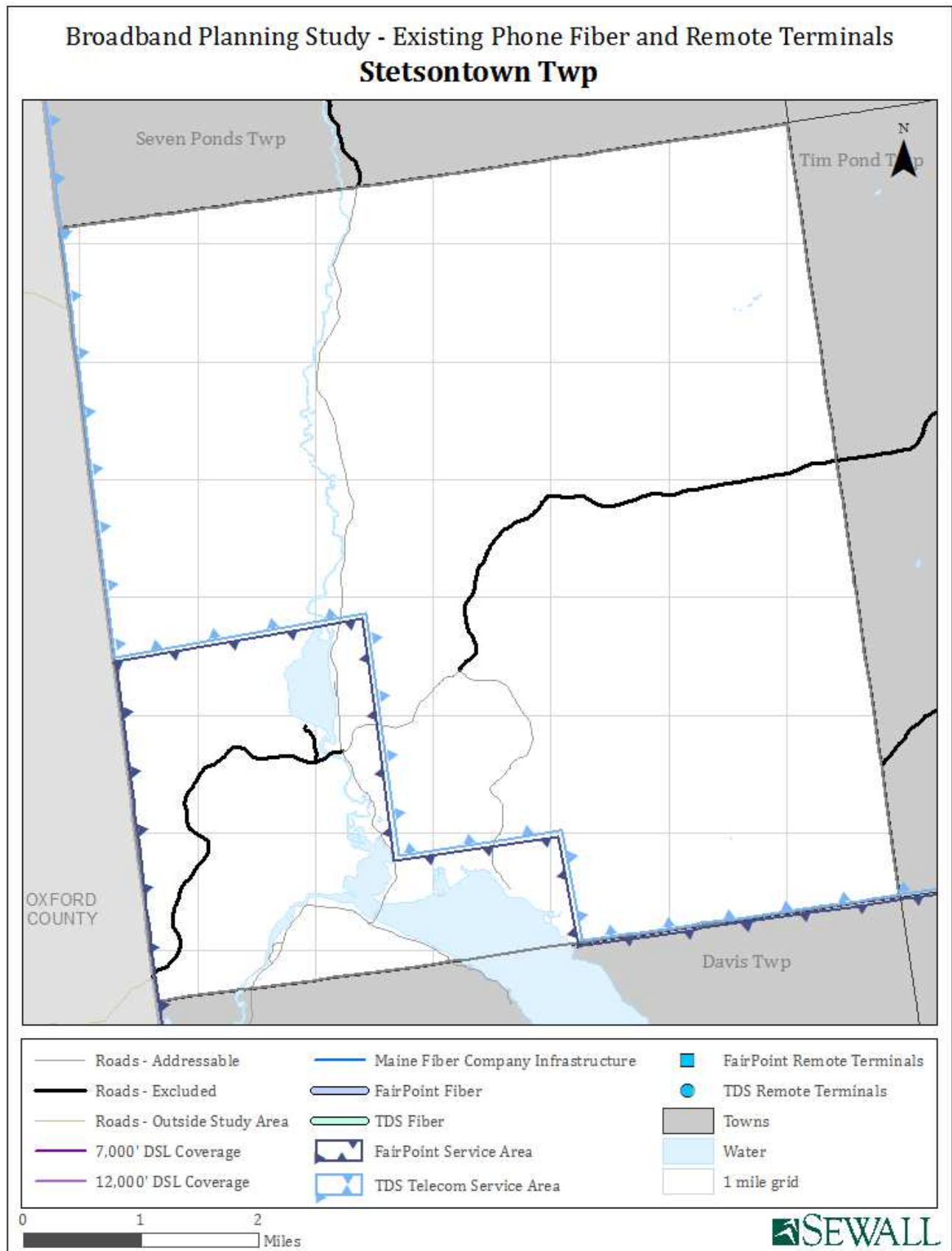
### **C-31 Stetsontown Twp**

#### **Special Considerations**

Approximately 3.75 miles of Kennebago River Rd. south from the border with Seven Ponds Township can be eliminated. Cost tables have been updated to reflect this change.

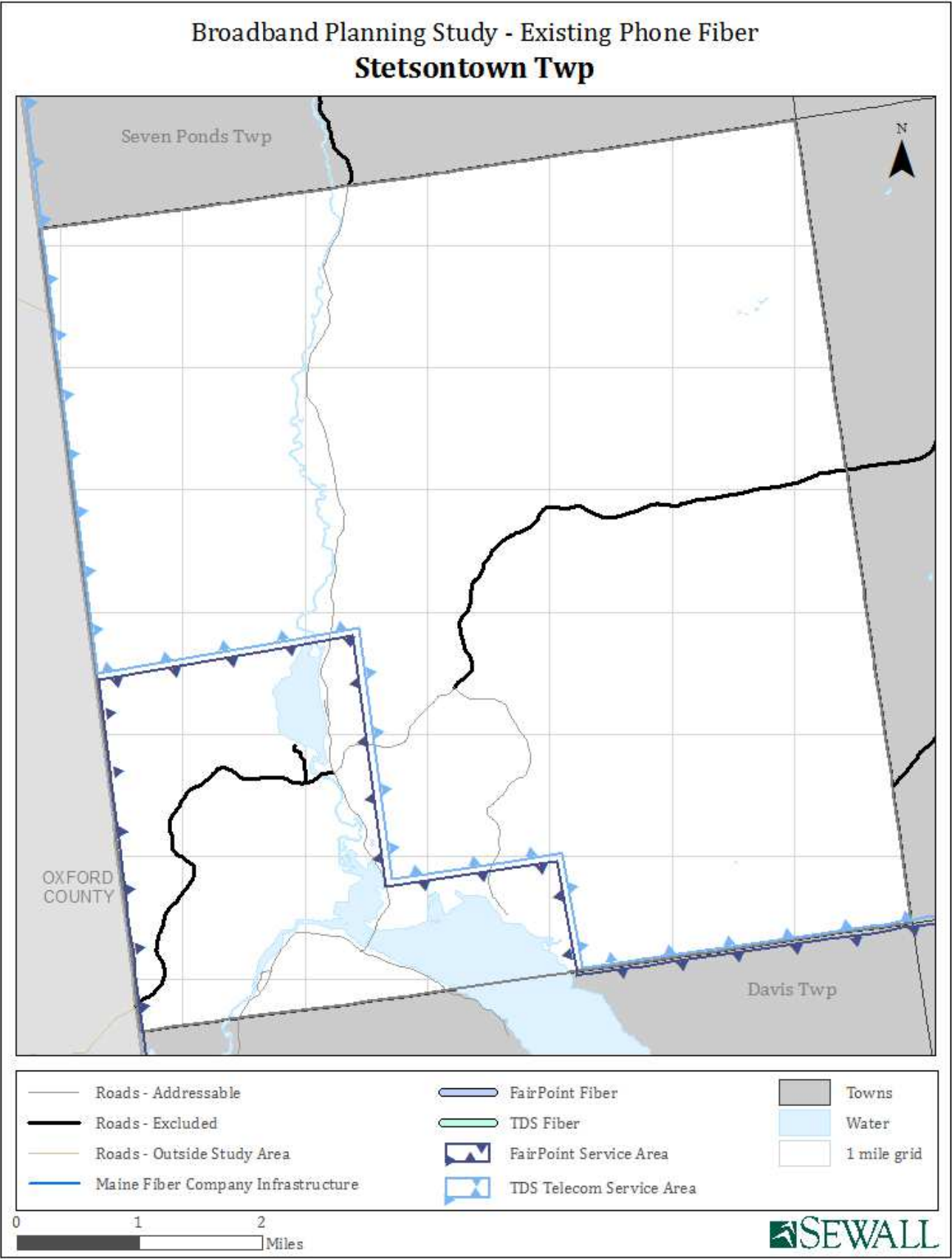
Stetsontown Township				
Statistical Data	Cost	Unit	Stetsontown Twp	Study Area Totals
911 Addresses			49	22,824
Total Road Mileage			21.4	1,637
Phone Fiber Mileage			-	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$ 40,000	mile	9.5	1,359
1G/1G FTTP 911 Addresses	\$ 700	sub	49	22,500
<i>Potential Subscribers per mile</i>			5	17
<b>Total Cost</b>			<b>\$412,929</b>	<b>\$70,108,775</b>
<i>Per Potential Subscriber</i>			<i>\$8,427</i>	<i>\$3,116</i>
<i>Per Mile</i>			<i>\$43,624</i>	<i>\$51,590</i>
10M/10M Gap Miles	\$ 35,000	mile	9.5	906
10M/10M Gap 911 Addresses	\$ 350	sub	49	8,351
<i>Potential Subscribers per mile</i>			5	9
<b>Total Cost</b>			<b>\$348,450</b>	<b>\$34,644,969</b>
<i>Per Potential Subscriber</i>			<i>\$7,111</i>	<i>\$4,149</i>
<i>Per Mile</i>			<i>\$36,812</i>	<i>\$38,225</i>
Potential private investment			\$90,189	\$15,960,795
Potential public subsidy			\$258,261	\$18,684,173
25M/3M Gap Miles			13.2	650
25M/3M Gap 911 Addresses			1	4,931
25M/3M New RT Quantity	\$ 25,000		3	270
25M/3M New Fiber Miles	\$ 25,000		2.8	182
<i>Potential Subscribers per mile</i>			0	8
<b>Total Cost</b>			<b>\$144,459</b>	<b>\$11,305,524</b>
<i>Per Potential Subscriber</i>			<i>\$144,459</i>	<i>\$2,293</i>
Potential private investment			\$547	\$4,286,572
Potential public subsidy			\$143,912	\$7,018,952
10M/1M Gap Miles			13.2	407
10M/1M Gap 911 Addresses			49	2,925
10M/1M New RT Quantity	\$ 25,000		2	93
10M/1M New Fiber Miles	\$ 25,000		2.4	74
<i>Potential Subscribers per mile</i>			4	7
<b>Total Cost</b>			<b>\$110,474</b>	<b>\$4,167,973</b>
<i>Per Potential Subscriber</i>			<i>\$2,255</i>	<i>\$1,425</i>
Potential private investment			\$20,480	\$1,497,587
Potential public subsidy			\$89,993	\$2,670,386
CAF-II Funded Locations			29	2,429
A-CAM Funded Locations			20	1,600
<b>Open-Access Dark Fiber Revenue</b>	<b>\$15</b>	sub	<b>\$4,410</b>	<b>\$2,025,000</b>
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$6,247	\$896,920
Insurance	\$184	mile	\$1,741	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$1,893	\$271,794
Moves, Adds, Changes, Disconnects	\$25	sub	\$613	\$281,250
Administration	\$30	sub	\$735	\$337,500
<b>Total Operating Expense</b>			<b>\$11,229</b>	<b>\$2,037,464</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$6,819)</b>	<b>(\$12,464)</b>

### Stetsontown Twp Existing Phone Fiber & Remote Terminals Map 1

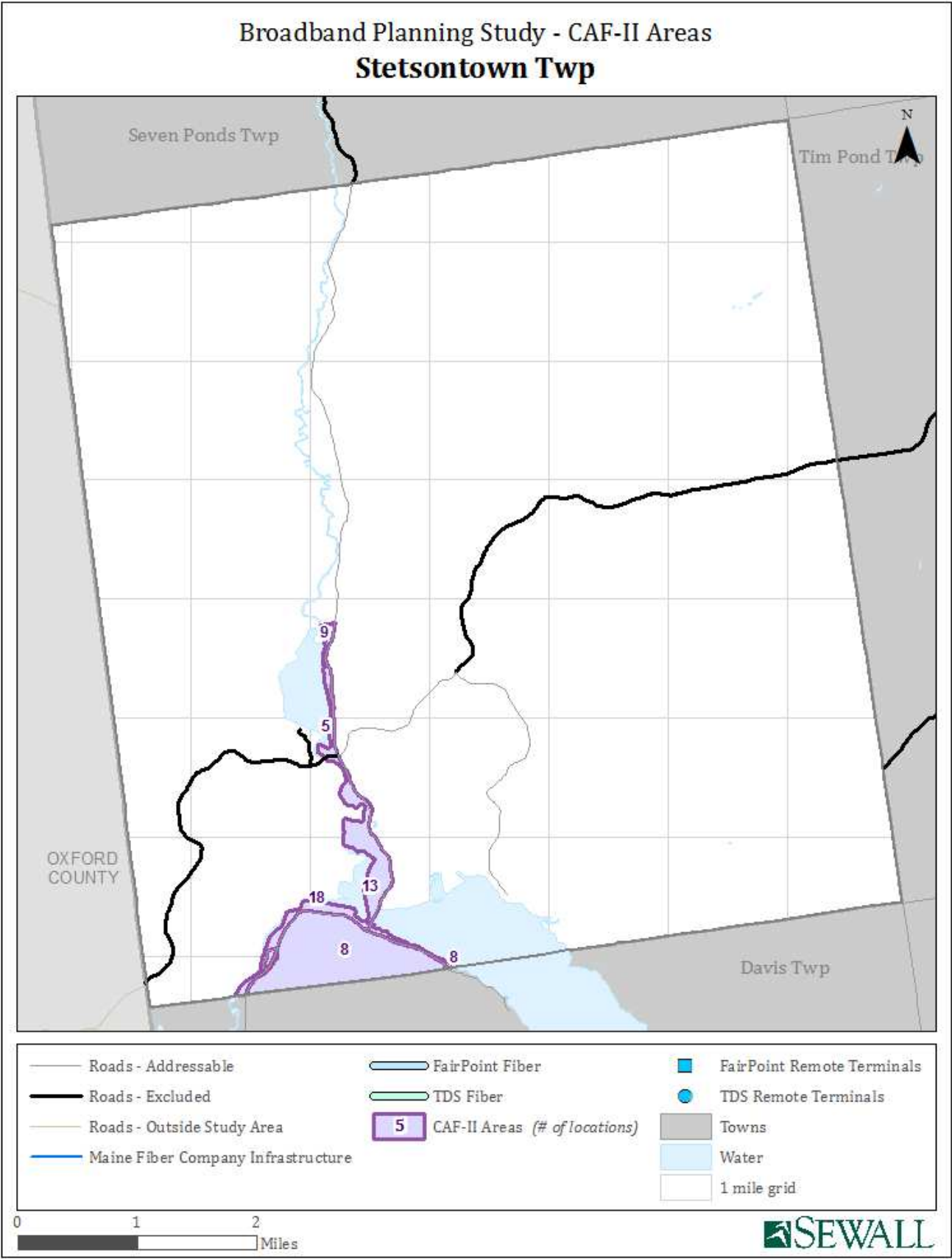




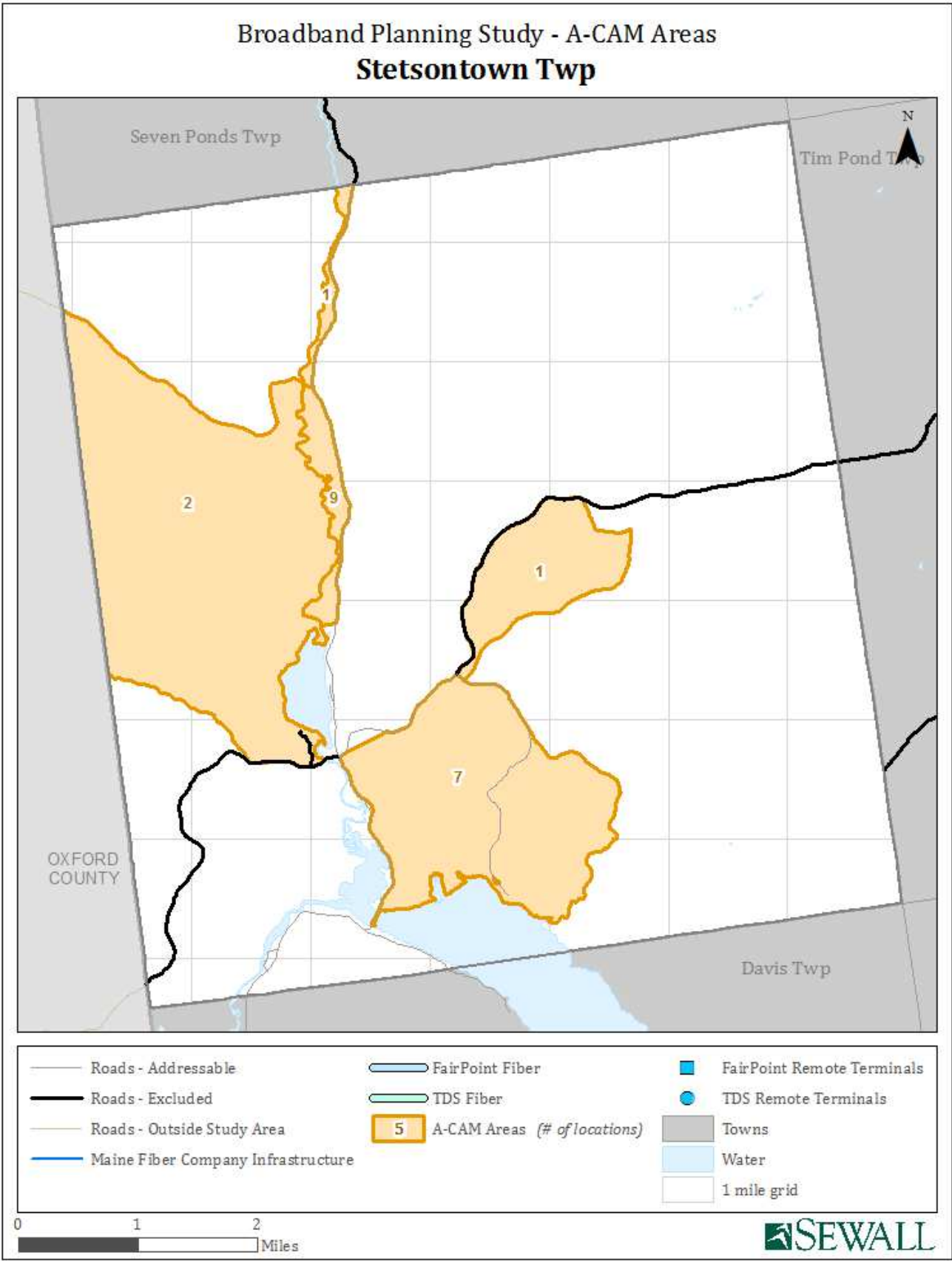
Stetsontown Twp Existing Phone Fiber Map 2



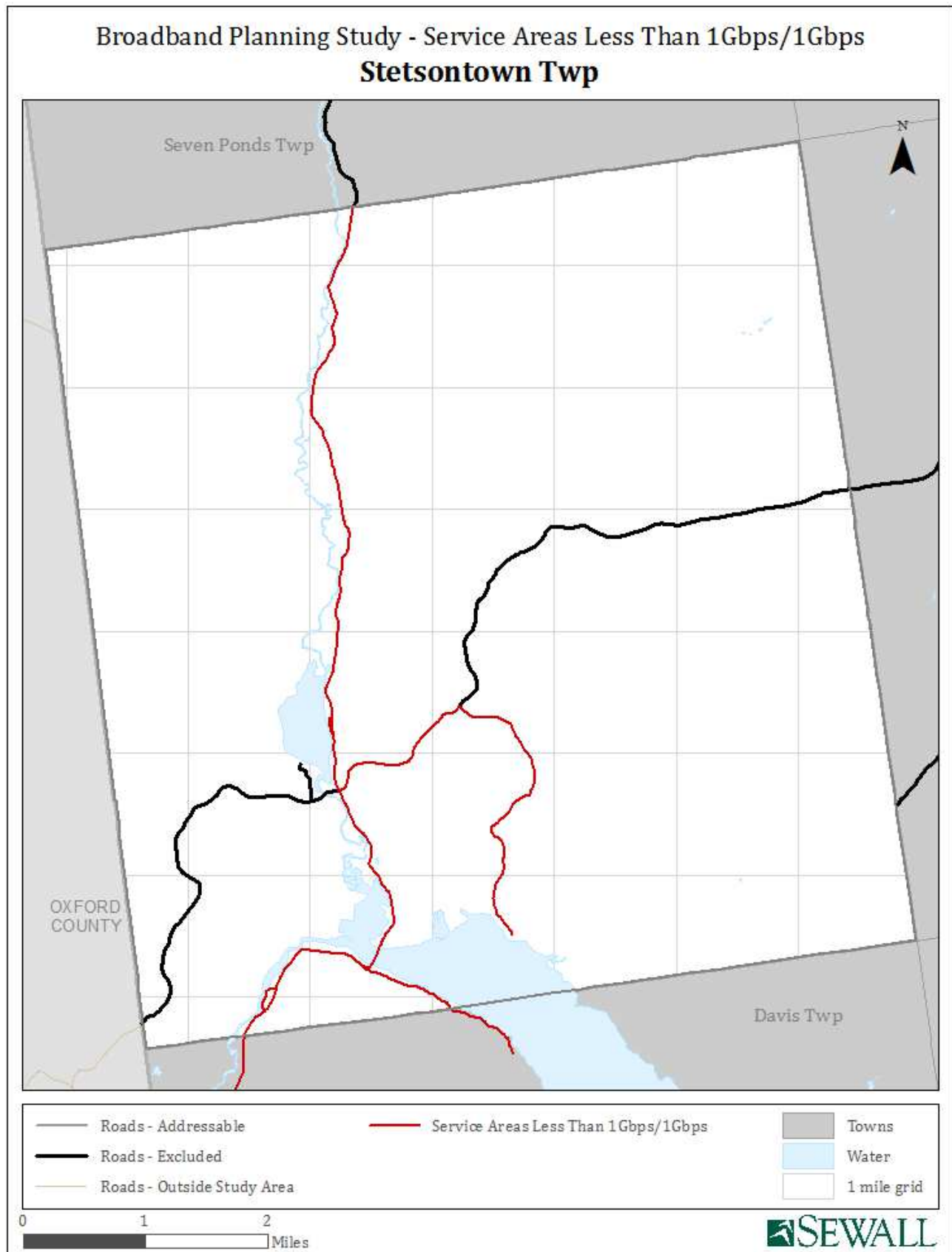
Stetsontown Twp CAF-II Map 3



Stetsontown Twp A-CAM Map 4

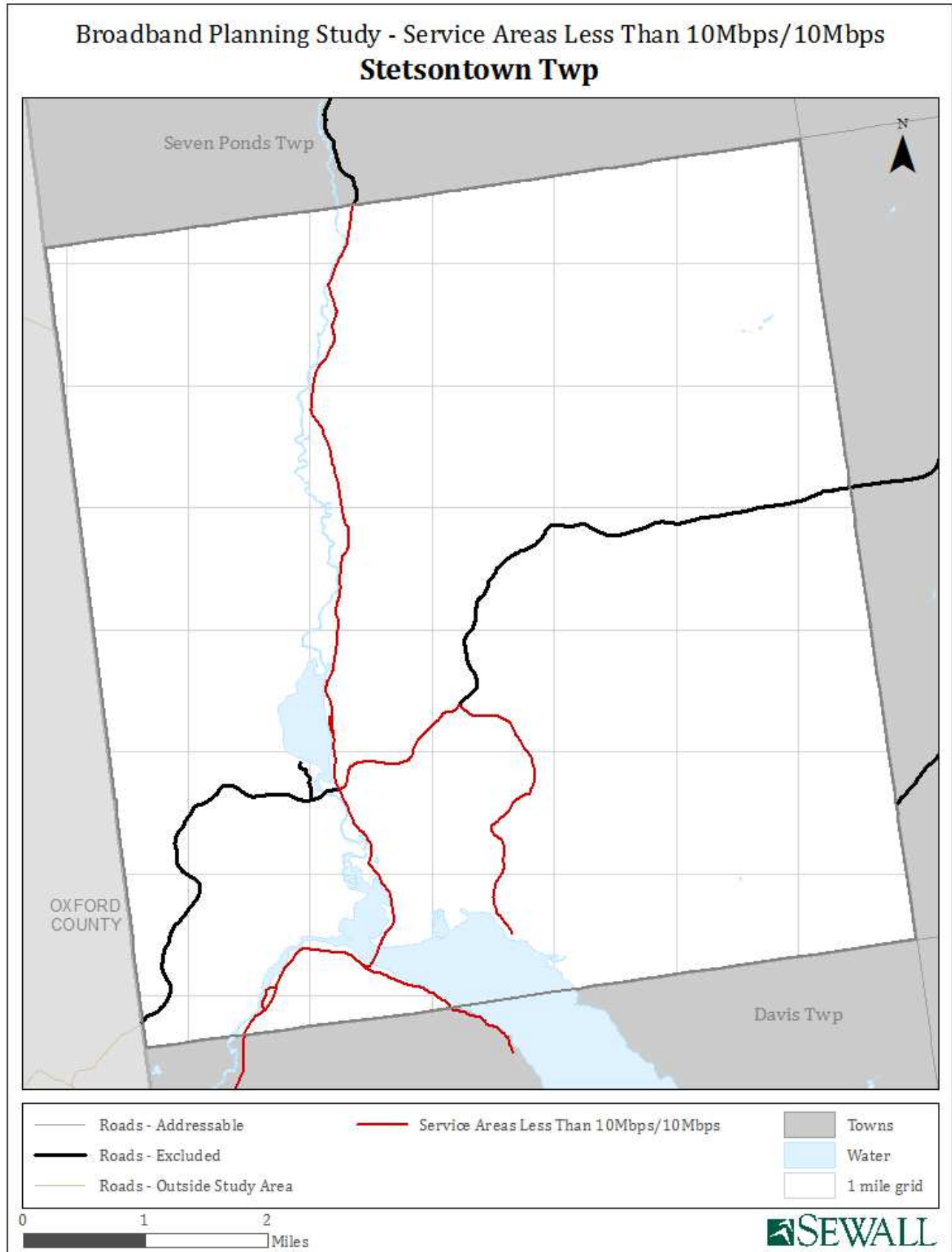


**Stetsontown Twp Service Areas less than 1 Gbps/1 Gbps Map 6**

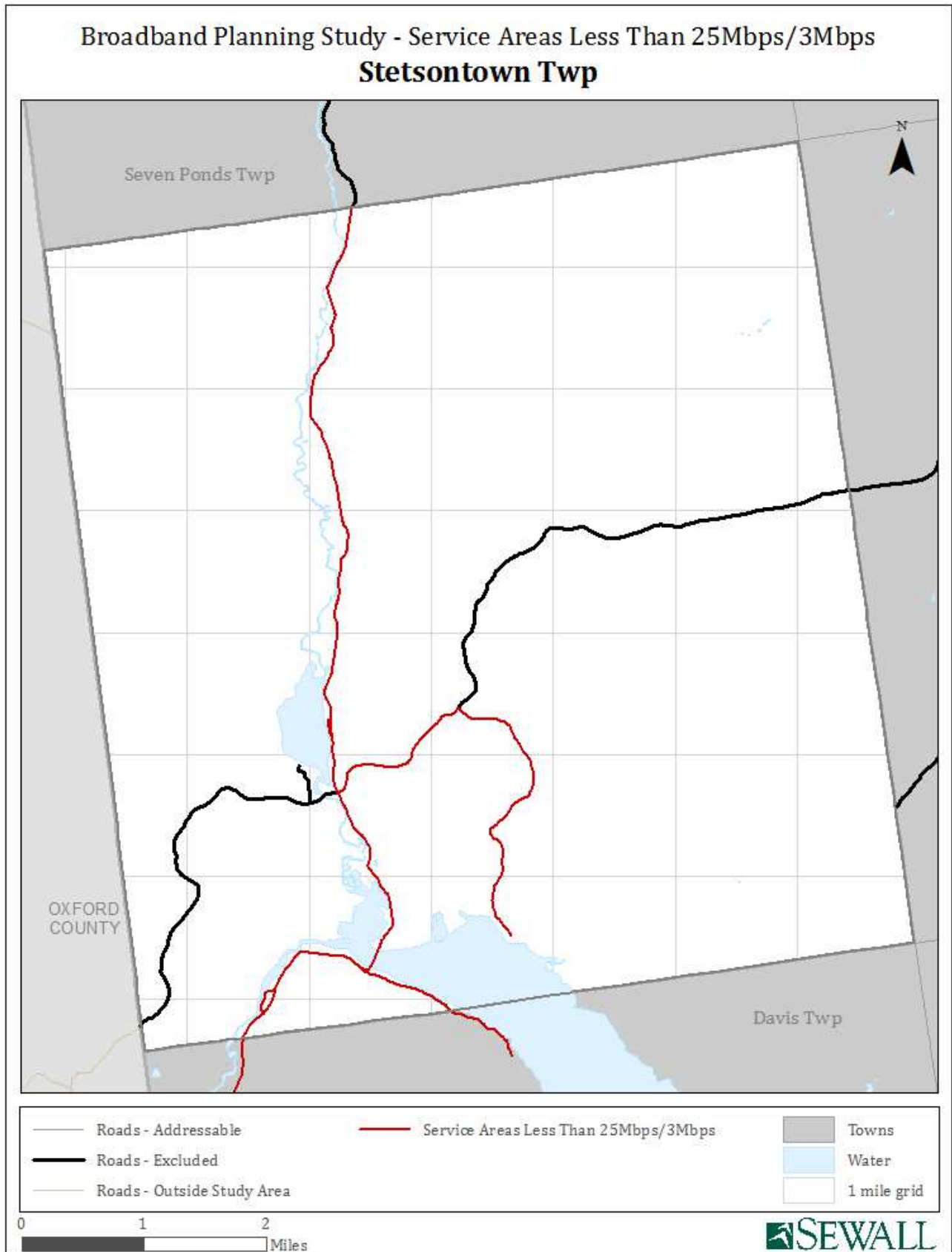




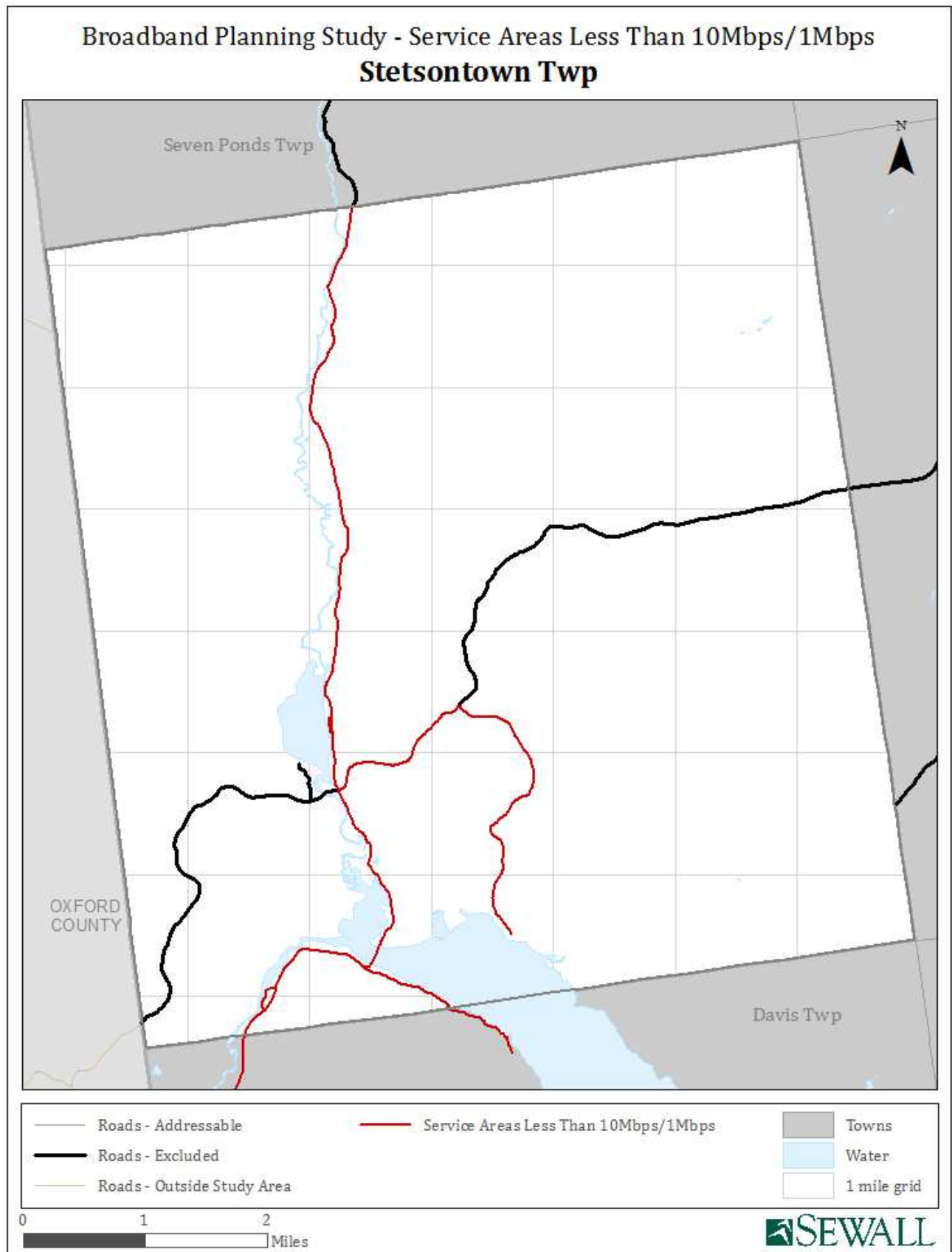
**Stetsontown Twp Service Areas less than 10 Mbps/10 Mbps Map 7**



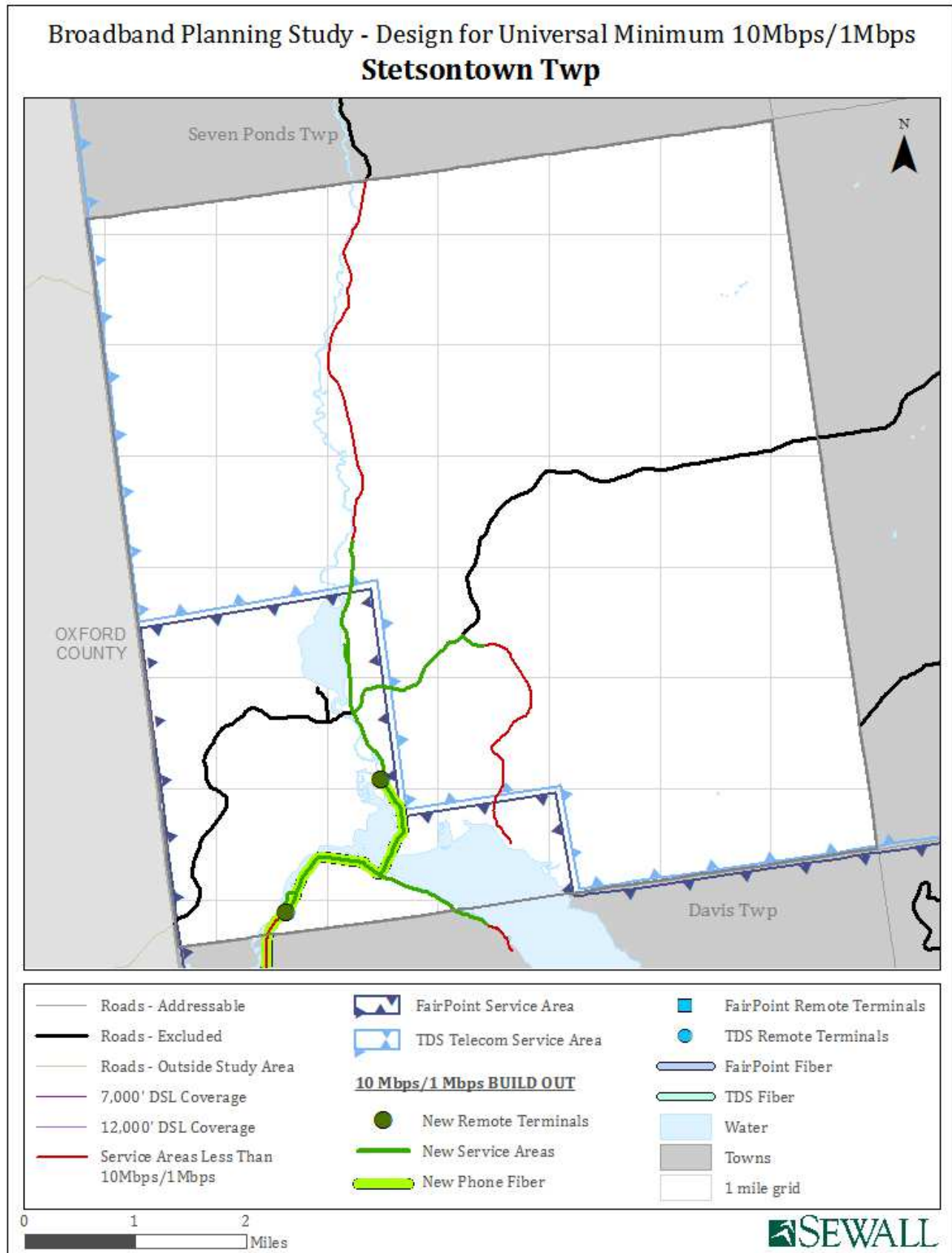
**Stetsontown Twp Service Areas less than 25 Mbps/3 Mbps Map 8**



**Stetsontown Twp Service Areas less than 10 Mbps/1 Mbps Map 9**

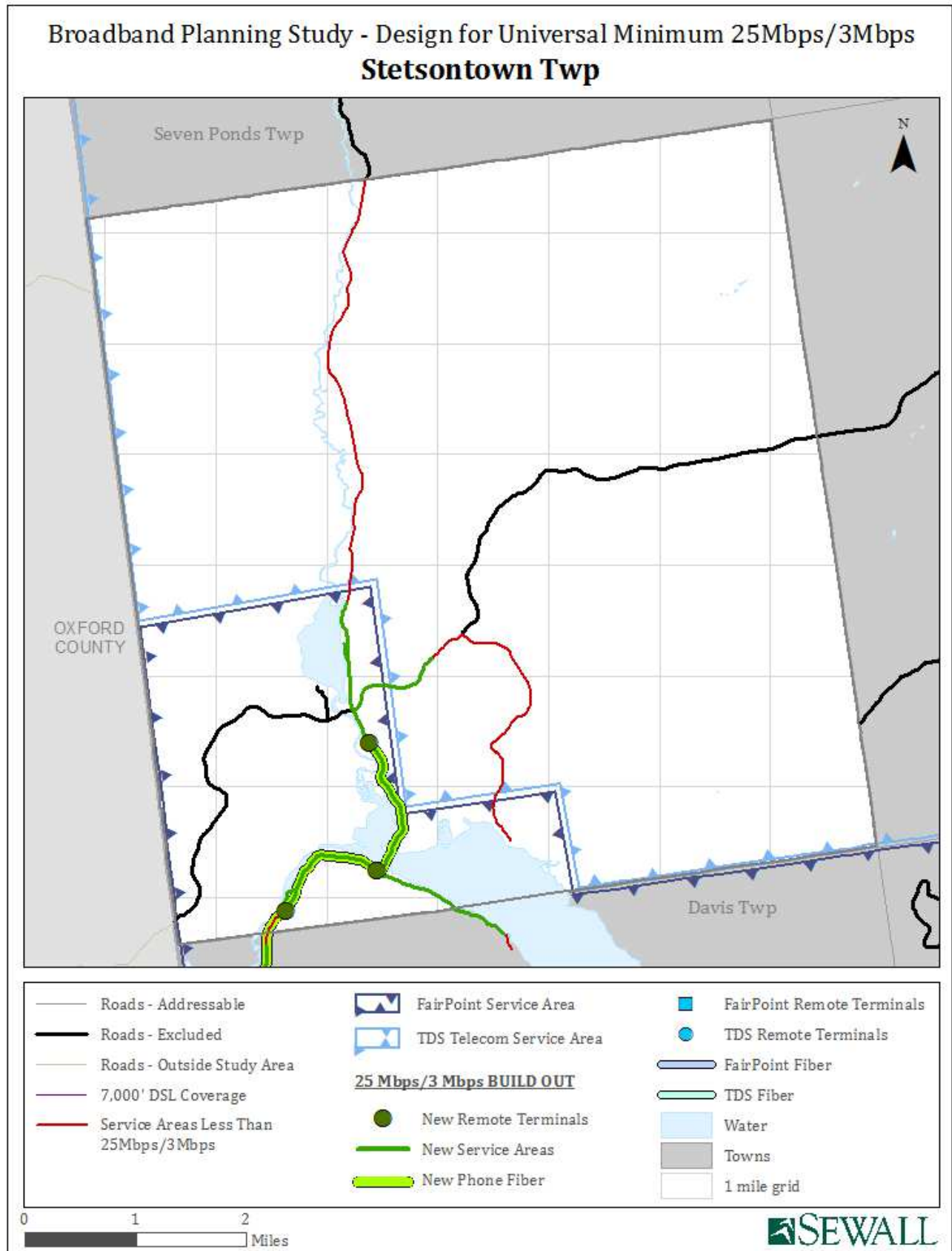


### Stetsontown Twp Design for Universal Minimum 10 Mbps/1 Mbps Map 10

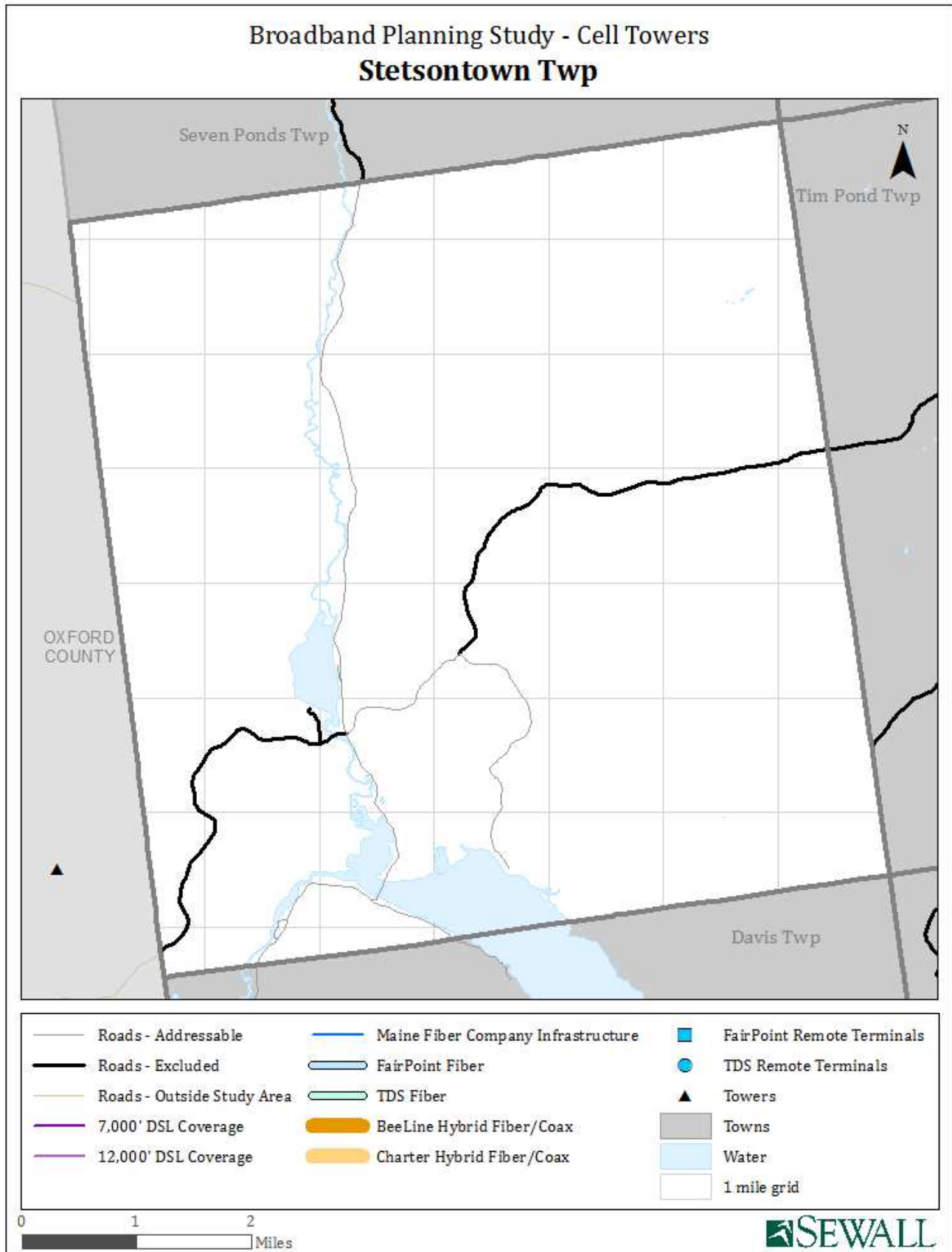




### Stetsontown Twp Design for Universal Minimum 25 Mbps/3 Mbps Map 11



## Stetsontown Twp Cell Towers Map 12



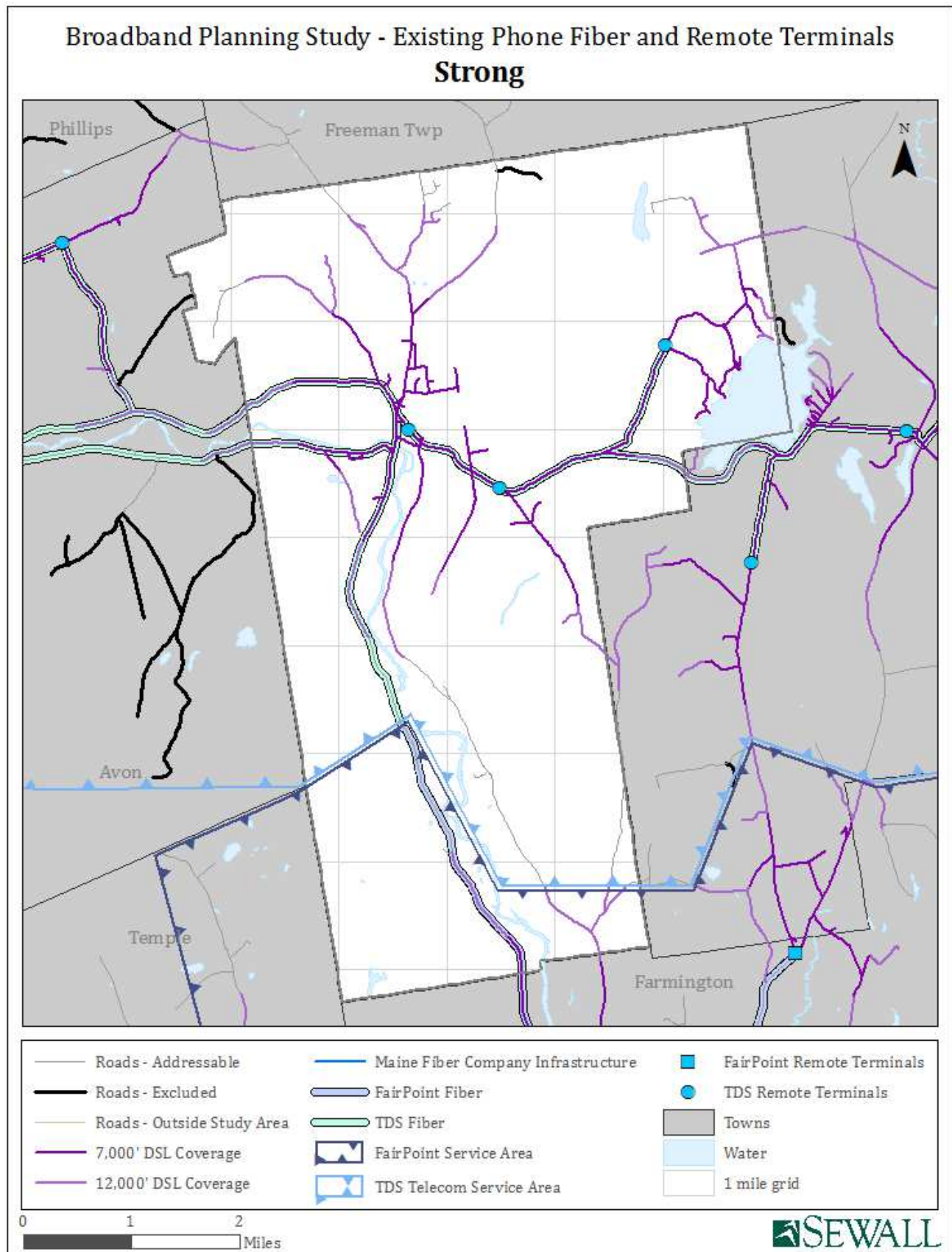
**C-32 Strong**

**Special Considerations**

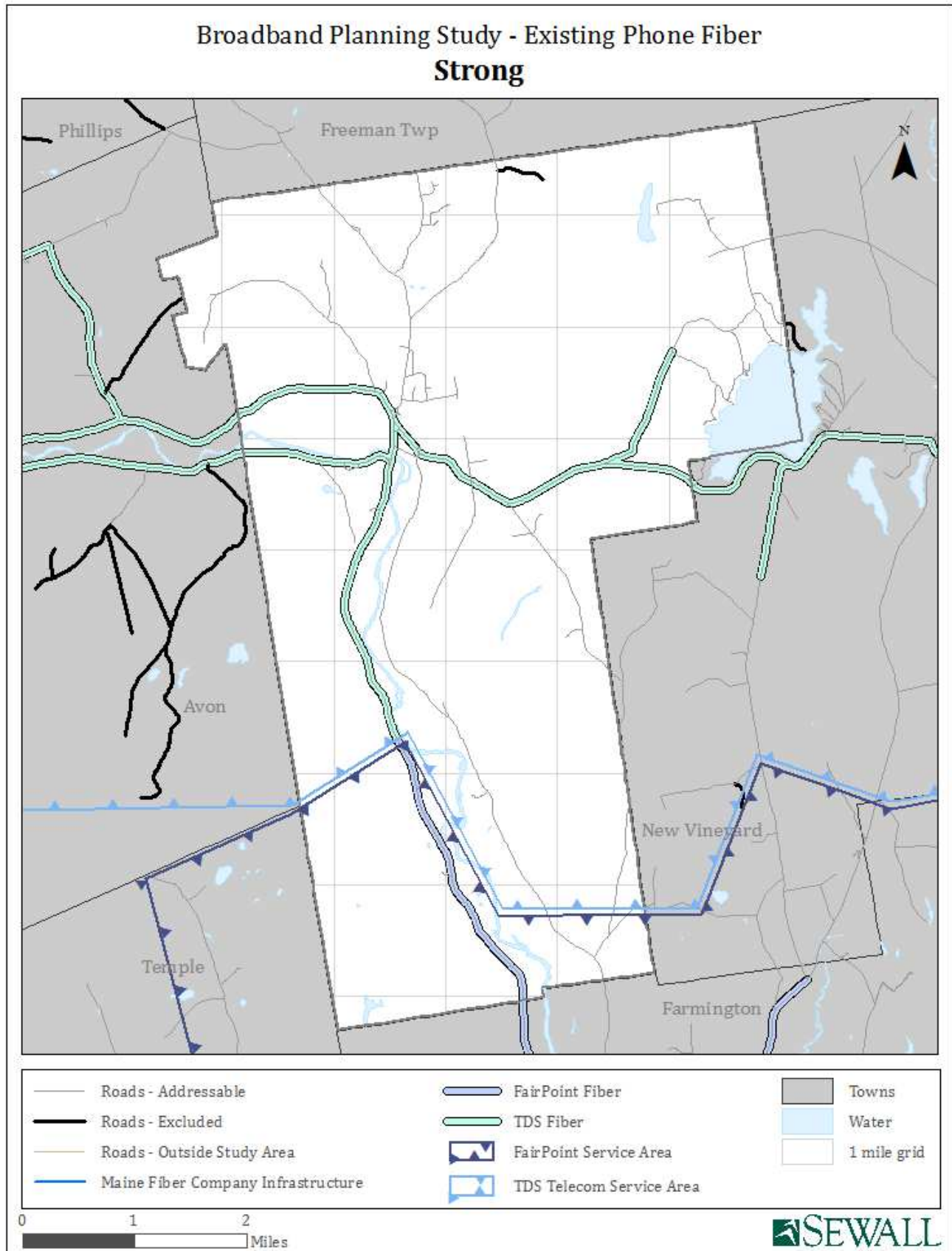
None

<b>Strong</b>				
<b>Statistical Data</b>	<b>Cost</b>	<b>Unit</b>	<b>Strong</b>	<b>Study Area Totals</b>
911 Addresses			632	22,824
Total Road Mileage			44.9	1,637
Phone Fiber Mileage			13.0	336
Hybrid Fiber/Coax Mileage			10	451
1G/1G FTTP Gap Miles	\$40,000	mile	44.5	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	632	22,500
<i>Potential Subscribers per mile</i>			14	17
<b>Total Cost</b>			<b>\$2,222,890</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			<i>\$3,517</i>	<i>\$3,123</i>
<i>Per Mile</i>			<i>\$49,939</i>	<i>\$51,558</i>
10M/10M Gap Miles	\$35,000	mile	34.0	910
10M/10M Gap 911 Addresses	\$ 350	sub	332	8,351
<i>Potential Subscribers per mile</i>			10	9
<b>Total Cost</b>			<b>\$1,307,301</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			<i>\$3,938</i>	<i>\$4,164</i>
<i>Per Mile</i>			<i>\$38,414</i>	<i>\$38,212</i>
Potential private investment			\$637,681	\$15,955,247
Potential public subsidy			\$669,620	\$18,820,972
25M/3M Gap Miles			21.9	650
25M/3M Gap 911 Addresses			49	4,931
25M/3M New RT Quantity	\$25,000		8	270
25M/3M New Fiber Miles	\$25,000		9.7	182
<i>Potential Subscribers per mile</i>			2	8
<b>Total Cost</b>			<b>\$443,710</b>	<b>\$11,305,524</b>
<i>Per Potential Subscriber</i>			<i>\$9,055</i>	<i>\$2,293</i>
Potential private investment			\$49,563	\$4,286,572
Potential public subsidy			\$394,147	\$7,018,952
10M/1M Gap Miles			9.3	407
10M/1M Gap 911 Addresses			76	2,925
10M/1M New RT Quantity	\$25,000		3	93
10M/1M New Fiber Miles	\$25,000		4.1	74
<i>Potential Subscribers per mile</i>			8	7
<b>Total Cost</b>			<b>\$178,270</b>	<b>\$4,167,973</b>
<i>Per Potential Subscriber</i>			<i>\$2,346</i>	<i>\$1,425</i>
Potential private investment			\$72,568	\$1,497,587
Potential public subsidy			\$105,702	\$2,670,386
CAF-II Funded Locations			20	2,429
A-CAM Funded Locations			65	1,600
<b>Open-Access Dark Fiber Revenue</b>	<b>\$15</b>	sub	<b>\$56,880</b>	<b>\$2,025,000</b>
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$29,378	\$899,395
Insurance	\$183	mile	\$8,166	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$8,902	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$7,900	\$281,250
Administration	\$30	sub	\$9,480	\$337,500
<b>Total Operating Expense</b>			<b>\$63,827</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$6,947)</b>	<b>(\$15,689)</b>

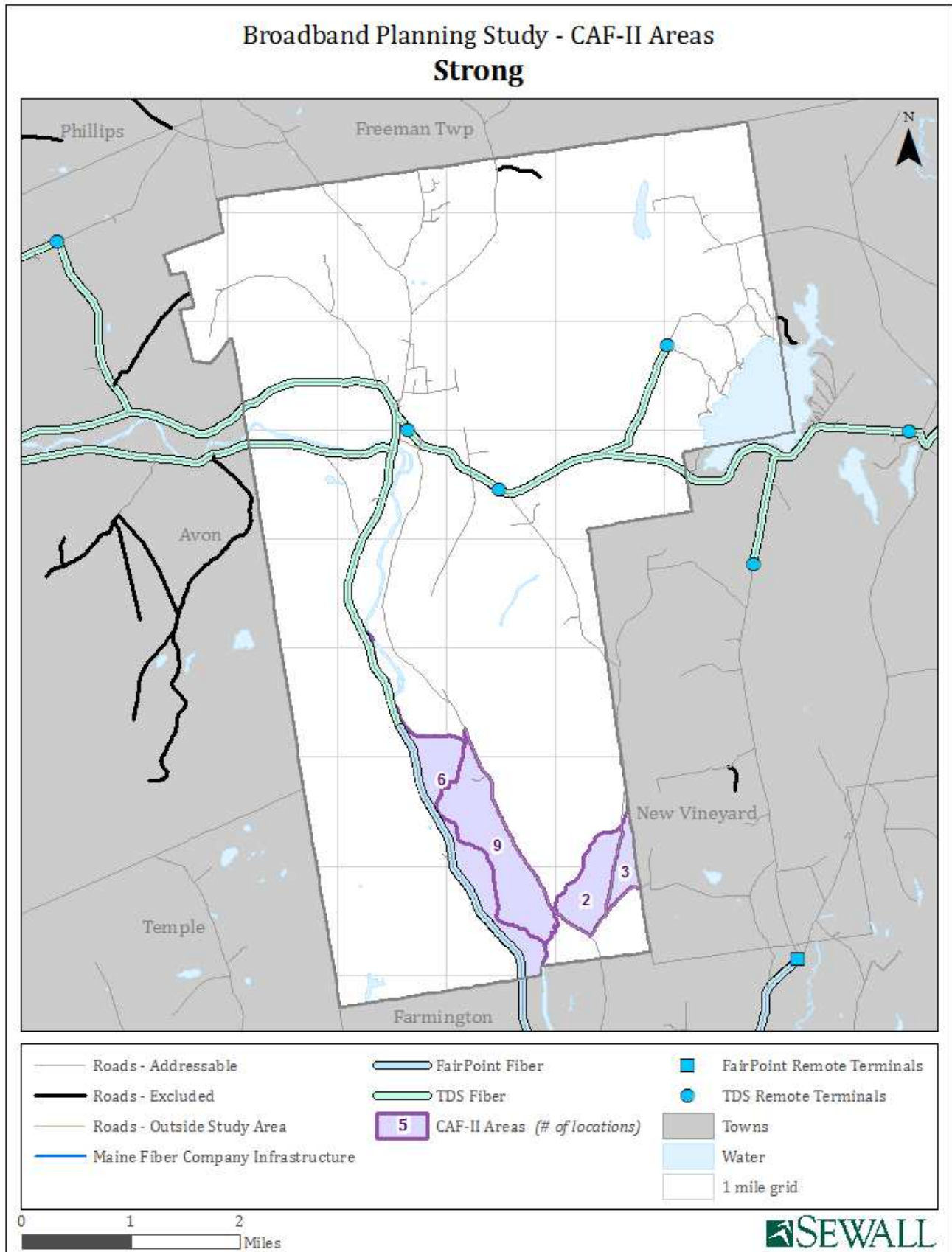


**Strong Existing Phone Fiber & Remote Terminals Map 1**

## Strong Existing Phone Fiber Map 2

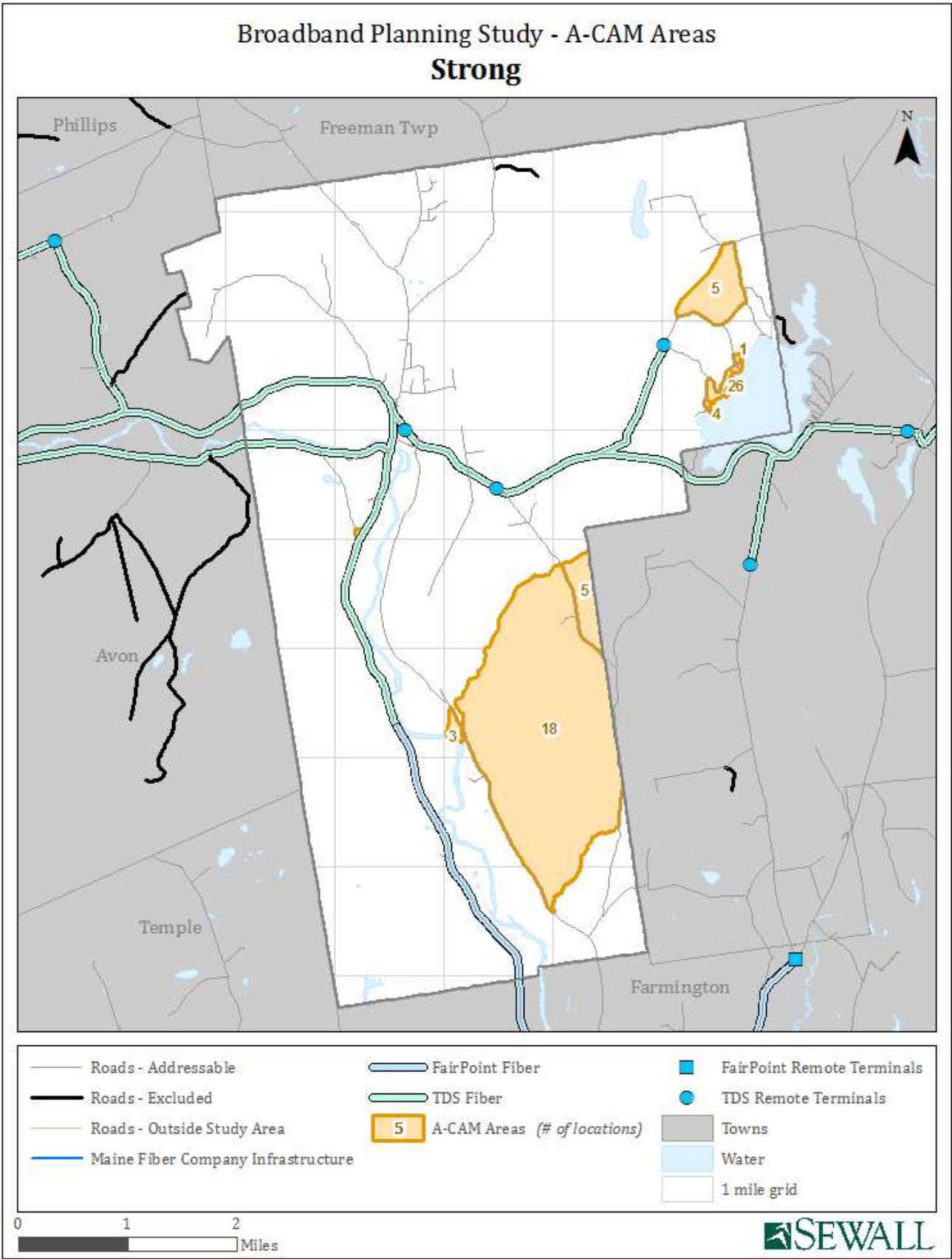


### Strong CAF-II Map 3



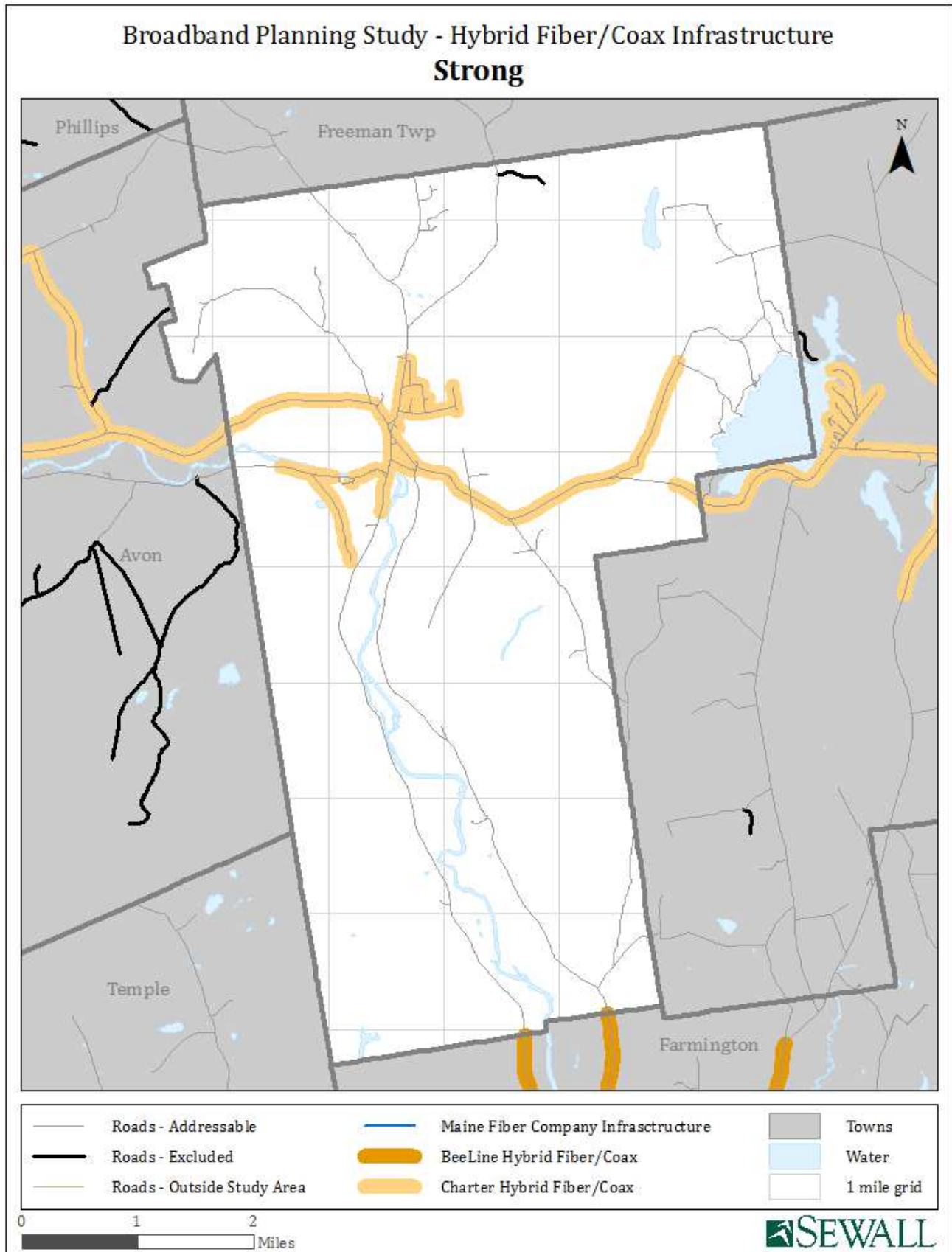


Strong A-CAM Map 4

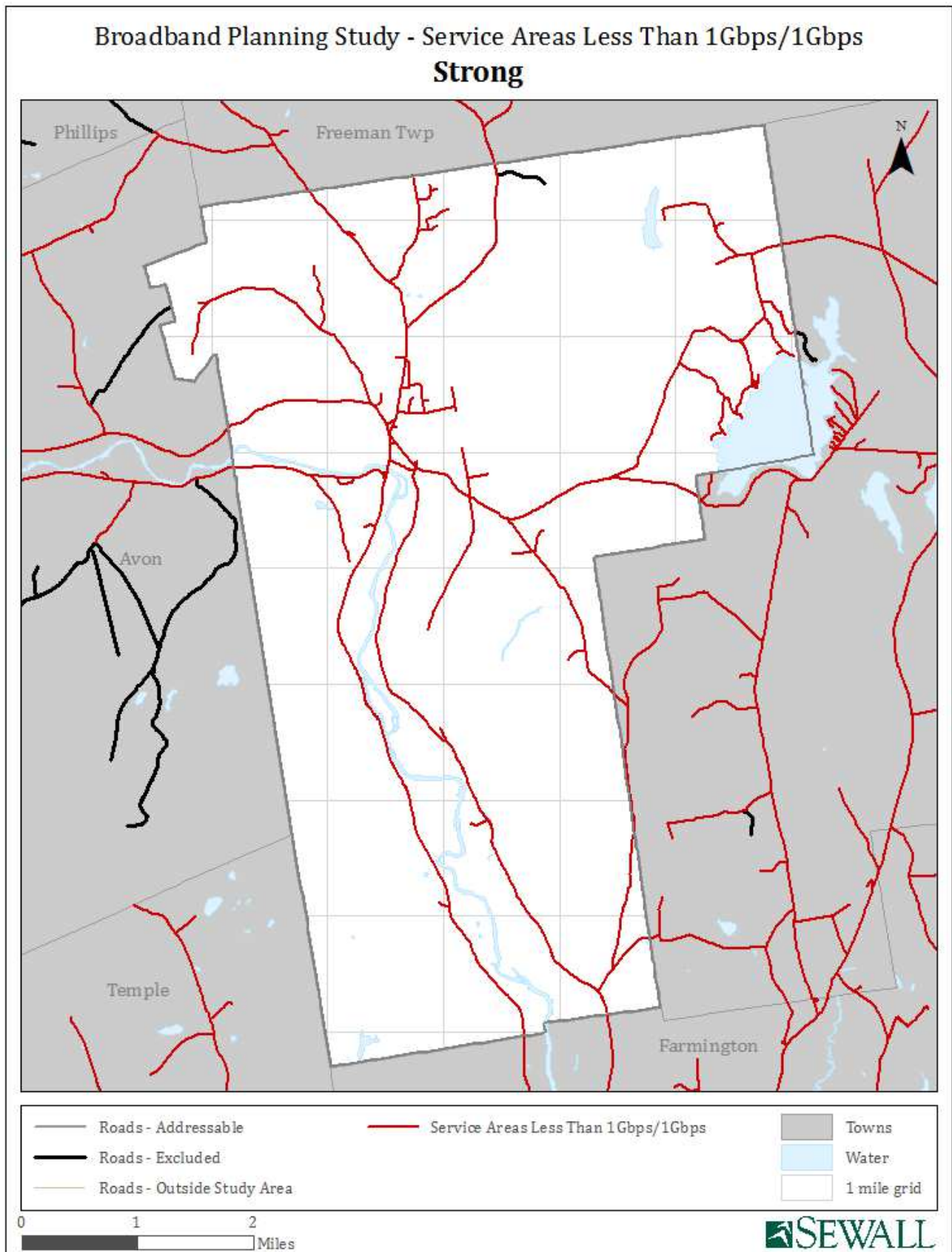




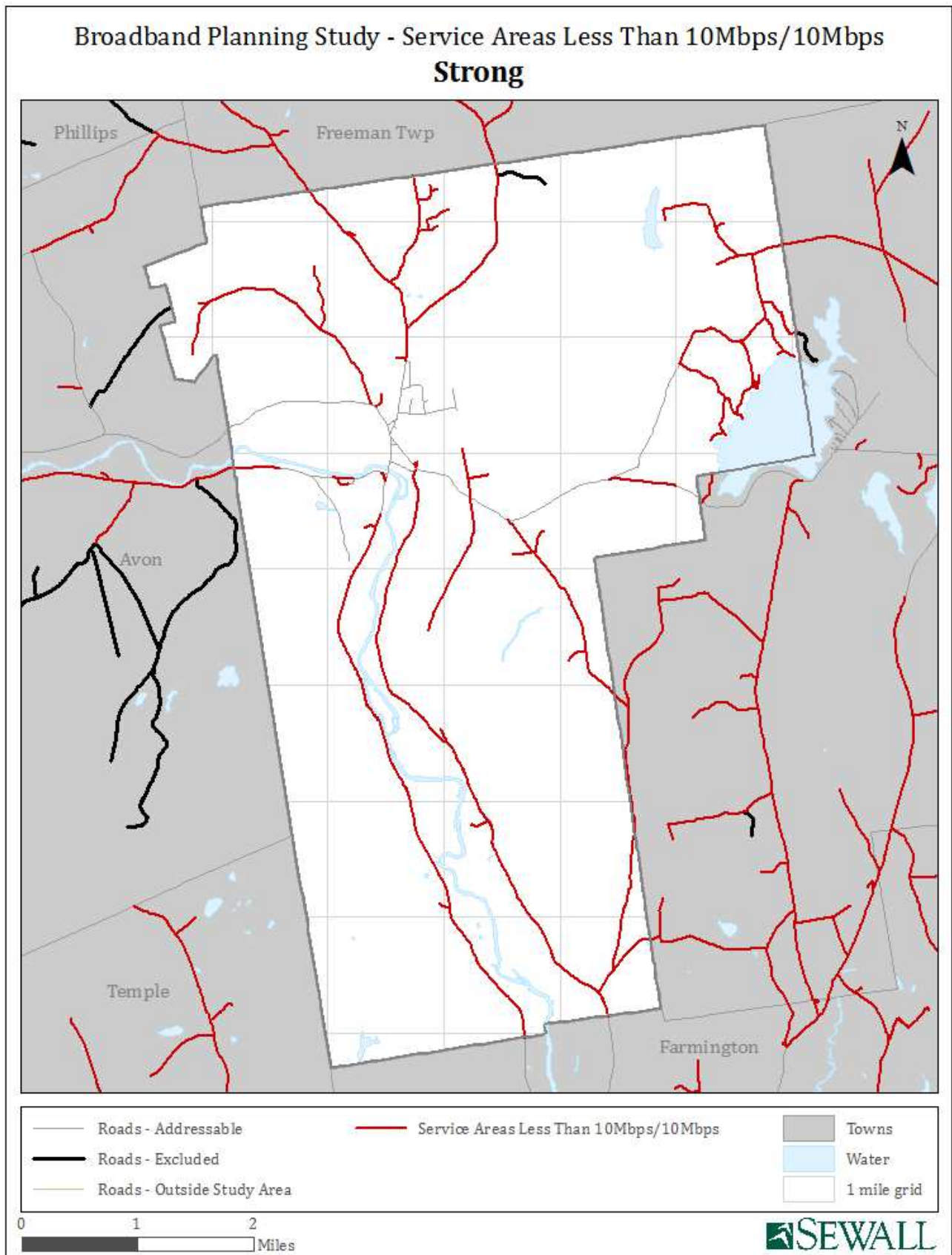
### Strong Hybrid Fiber/Coax Infrastructure Map 5



**Strong Service Areas less than 1 Gbps/1 Gbps Map 6**

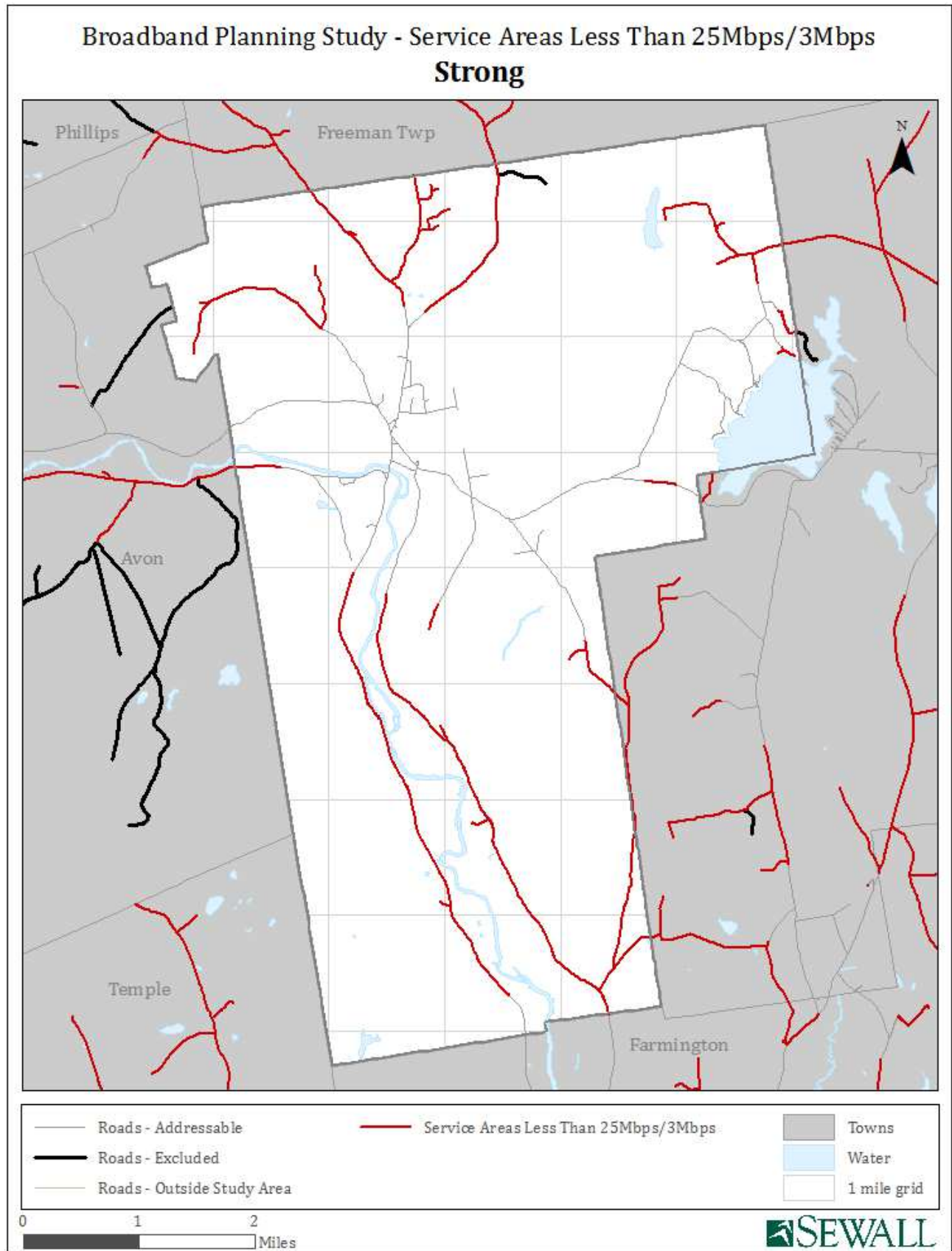


**Strong Service Areas less than 10 Mbps/10 Mbps Map 7**



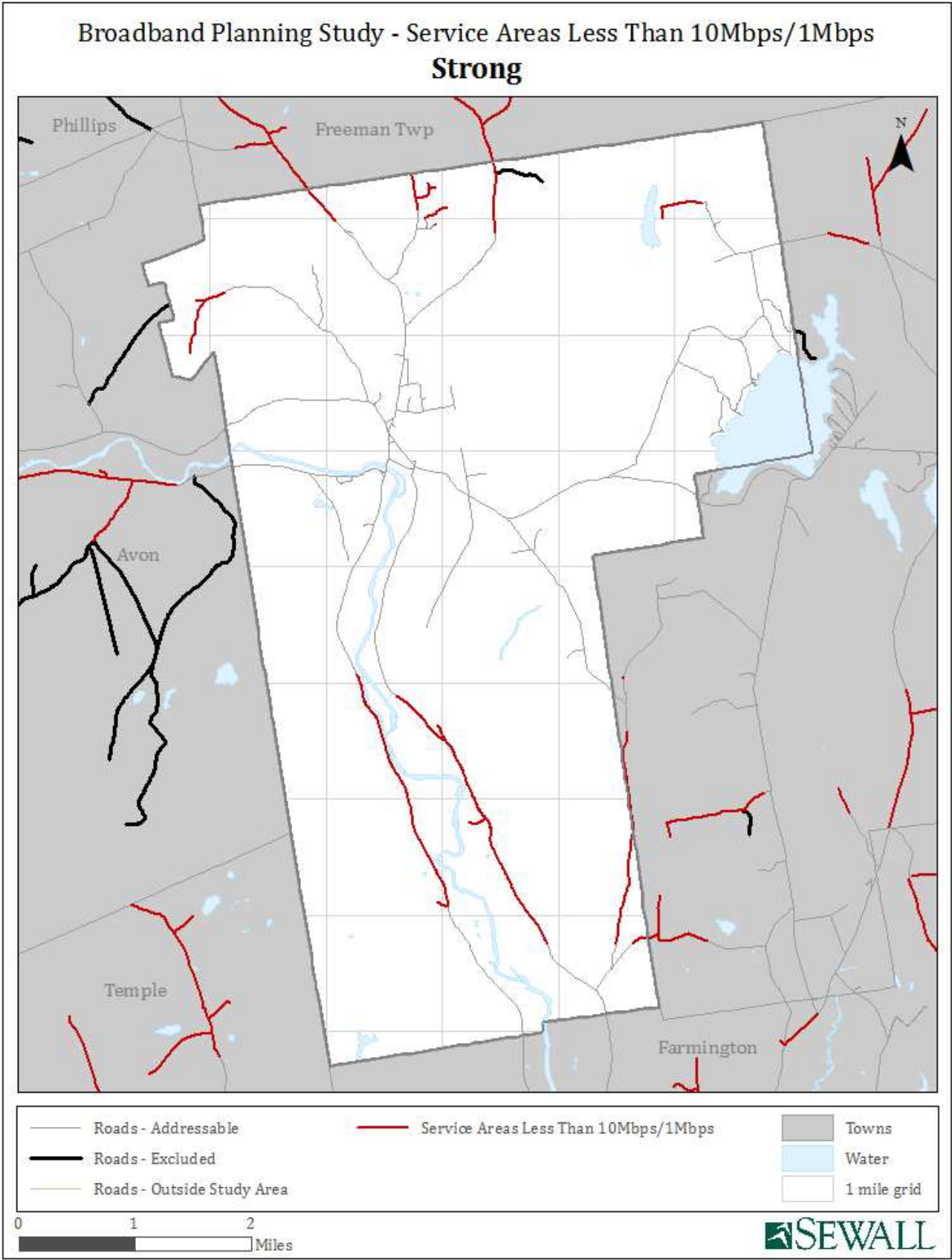


**Strong Service Areas less than 25 Mbps/3 Mbps Map 8**



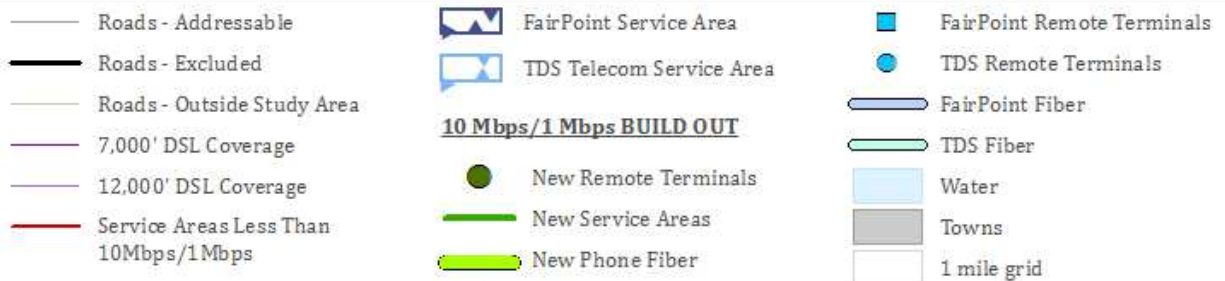
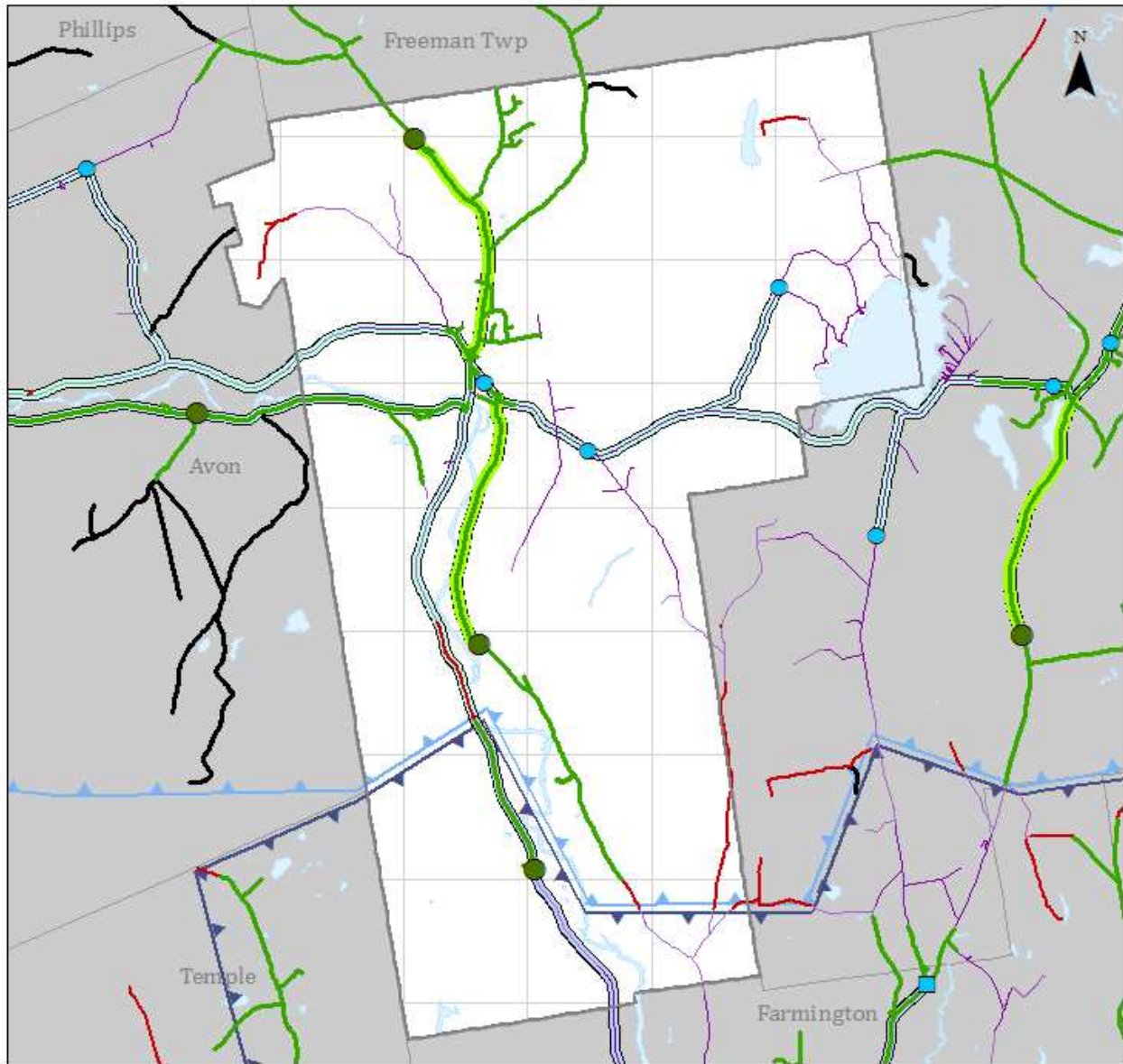


Strong Service Areas less than 10 Mbps/1 Mbps Map 9



### Strong Design for Universal Minimum 10 Mbps/1 Mbps Map 10

#### Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Strong

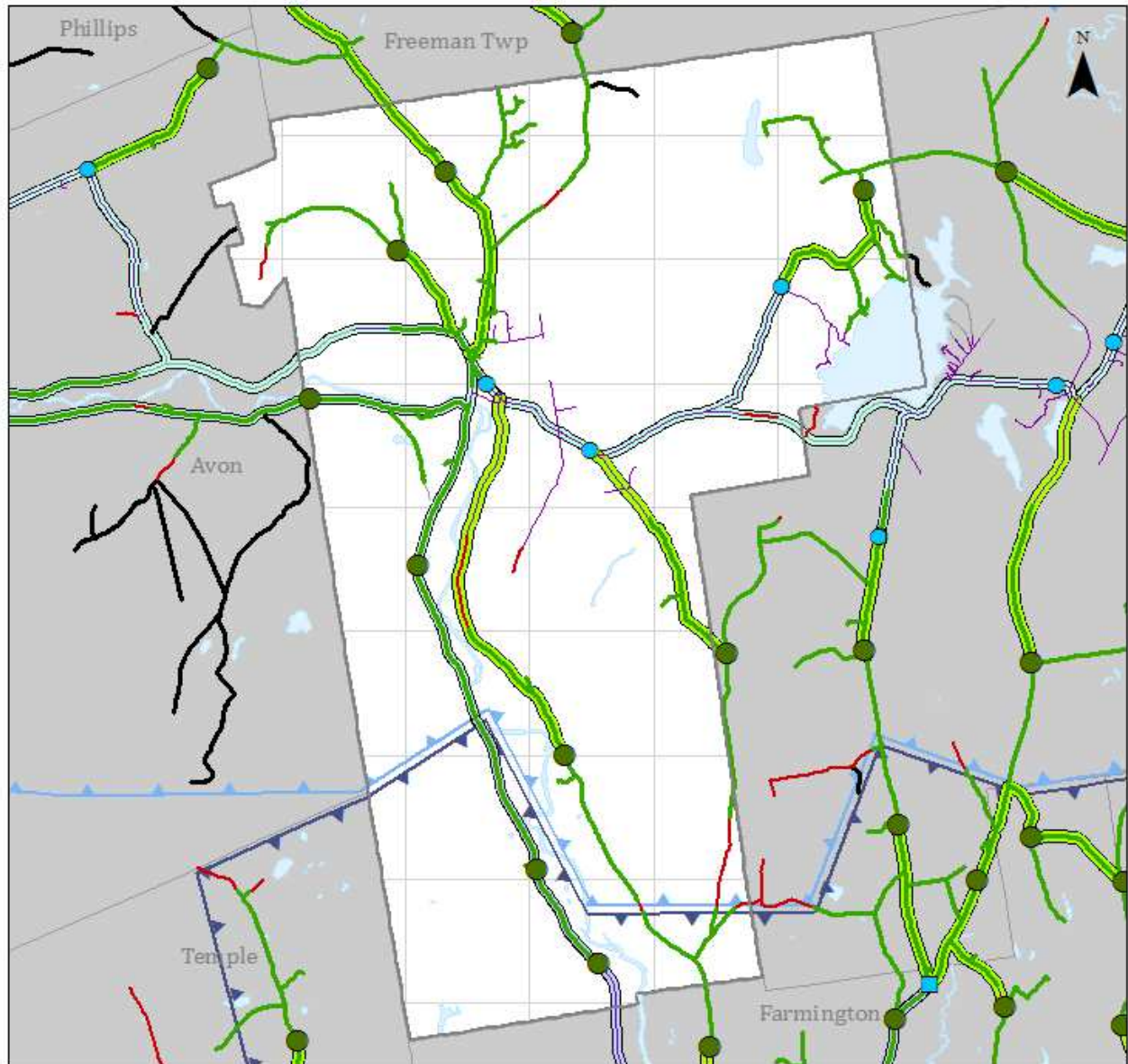


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Miles

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### Strong Design for Universal Minimum 25 Mbps/3 Mbps Map 11

#### Broadband Planning Study - Design for Universal Minimum 25Mbps/3Mbps Strong



- Roads - Addressable
- Roads - Excluded
- Roads - Outside Study Area
- 7,000' DSL Coverage
- Service Areas Less Than 25Mbps/3Mbps

- FairPoint Service Area
- TDS Telecom Service Area
- 25 Mbps/3 Mbps BUILD OUT**
- New Remote Terminals
- New Service Areas
- New Phone Fiber

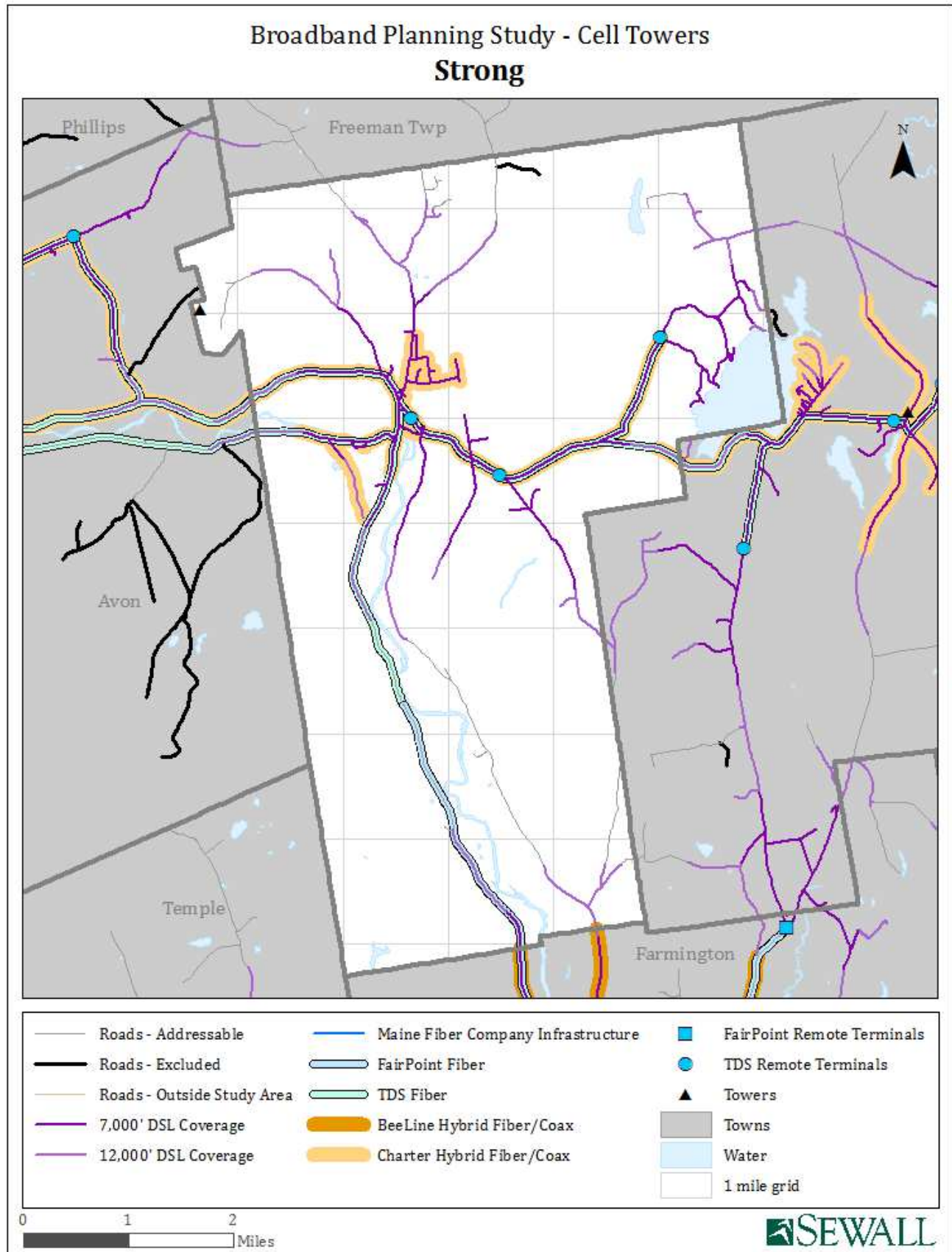
- FairPoint Remote Terminals
- TDS Remote Terminals
- FairPoint Fiber
- TDS Fiber
- Water
- Towns
- 1 mile grid

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Miles

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## Strong Cell Towers Map 12





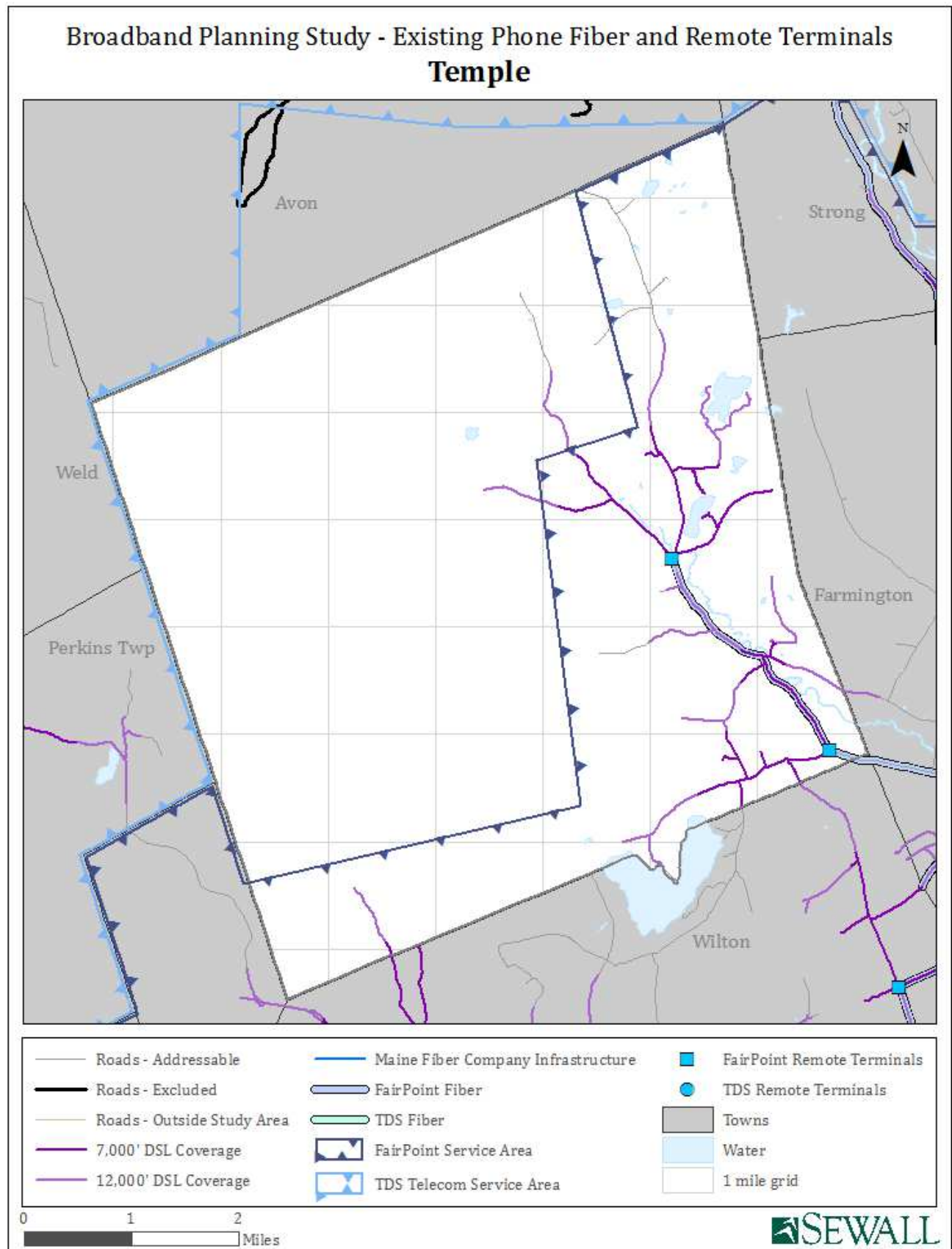
**C-33 Temple**

**Special Considerations**

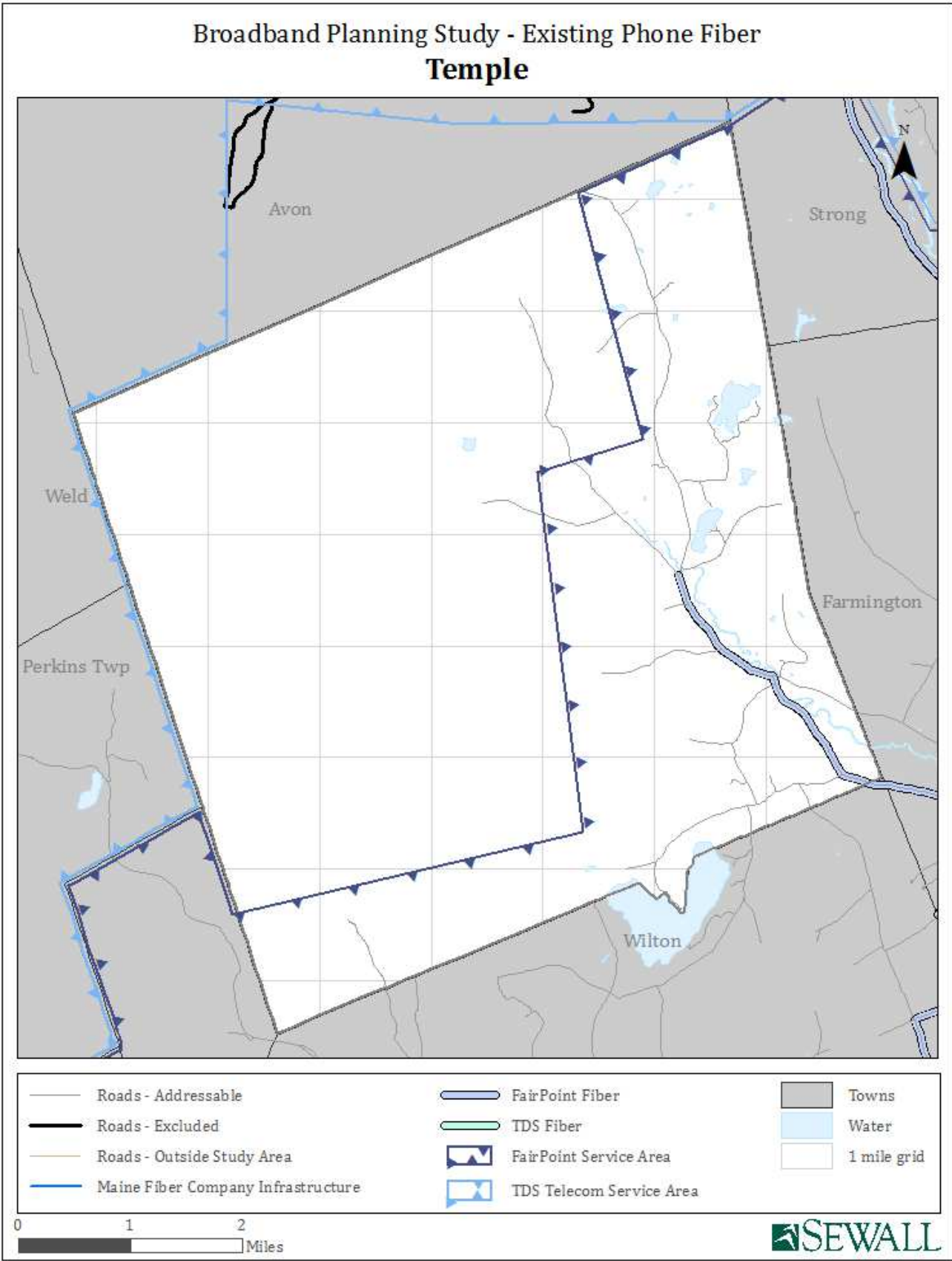
None

Temple				
Statistical Data	Cost	Unit	Temple	Study Area Totals
911 Addresses			339	22,824
Total Road Mileage			25.2	1,637
Phone Fiber Mileage			2.7	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$40,000	mile	25.2	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	330	22,500
<i>Potential Subscribers per mile</i>			13	17
<b>Total Cost</b>			<b>\$1,240,201</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$3,758	<b>\$3,123</b>
<i>Per Mile</i>			\$49,156	\$51,558
10M/10M Gap Miles	\$35,000	mile	25.2	910
10M/10M Gap 911 Addresses	\$ 350	sub	330	8,351
<i>Potential Subscribers per mile</i>			13	9
<b>Total Cost</b>			<b>\$998,551</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$3,026	<b>\$4,164</b>
<i>Per Mile</i>			\$39,578	\$38,212
Potential private investment			\$653,035	\$15,955,247
Potential public subsidy			\$345,516	\$18,820,972
25M/3M Gap Miles			14.9	650
25M/3M Gap 911 Addresses			132	4,931
25M/3M New RT Quantity	\$25,000		7	270
25M/3M New Fiber Miles	\$25,000		4.9	182
<i>Potential Subscribers per mile</i>			9	8
<b>Total Cost</b>			\$296,858	\$11,305,524
<i>Per Potential Subscriber</i>			\$2,249	\$2,293
Potential private investment			\$131,669	\$4,286,572
Potential public subsidy			\$165,189	\$7,018,952
10M/1M Gap Miles			4.8	407
10M/1M Gap 911 Addresses			27	2,925
10M/1M New RT Quantity	\$25,000		1	93
10M/1M New Fiber Miles	\$25,000		1.4	74
<i>Potential Subscribers per mile</i>			6	7
<b>Total Cost</b>			\$60,197	\$4,167,973
<i>Per Potential Subscriber</i>			\$2,230	\$1,425
Potential private investment			\$17,057	\$1,497,587
Potential public subsidy			\$43,140	\$2,670,386
CAF-II Funded Locations			165	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$29,700	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$16,652	\$899,395
Insurance	\$183	mile	\$4,629	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$5,046	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$4,125	\$281,250
Administration	\$30	sub	\$4,950	\$337,500
<b>Total Operating Expense</b>			<b>\$35,401</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$5,701)</b>	<b>(\$15,689)</b>

### Temple Existing Phone Fiber & Remote Terminals Map 1

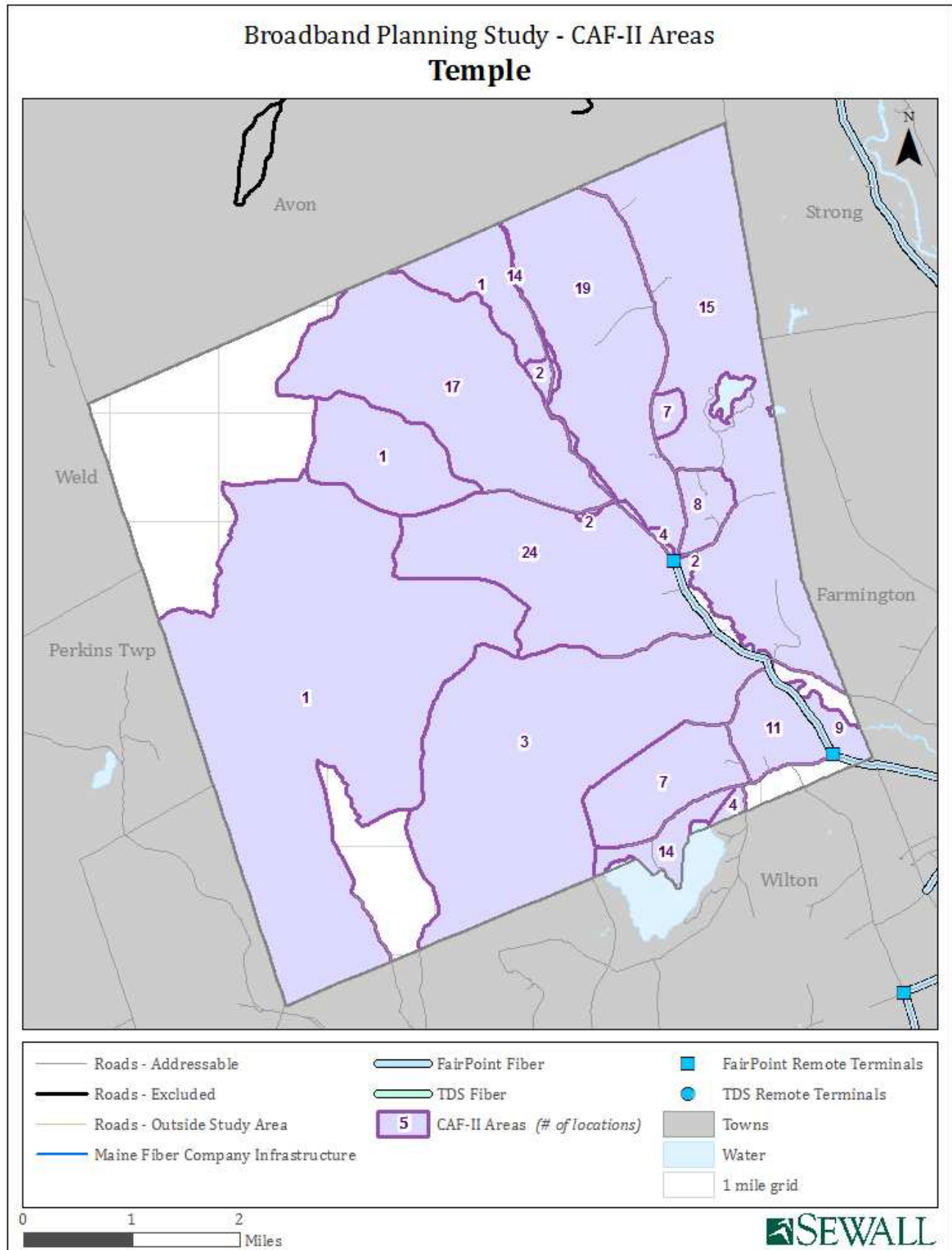


Temple Existing Phone Fiber Map 2

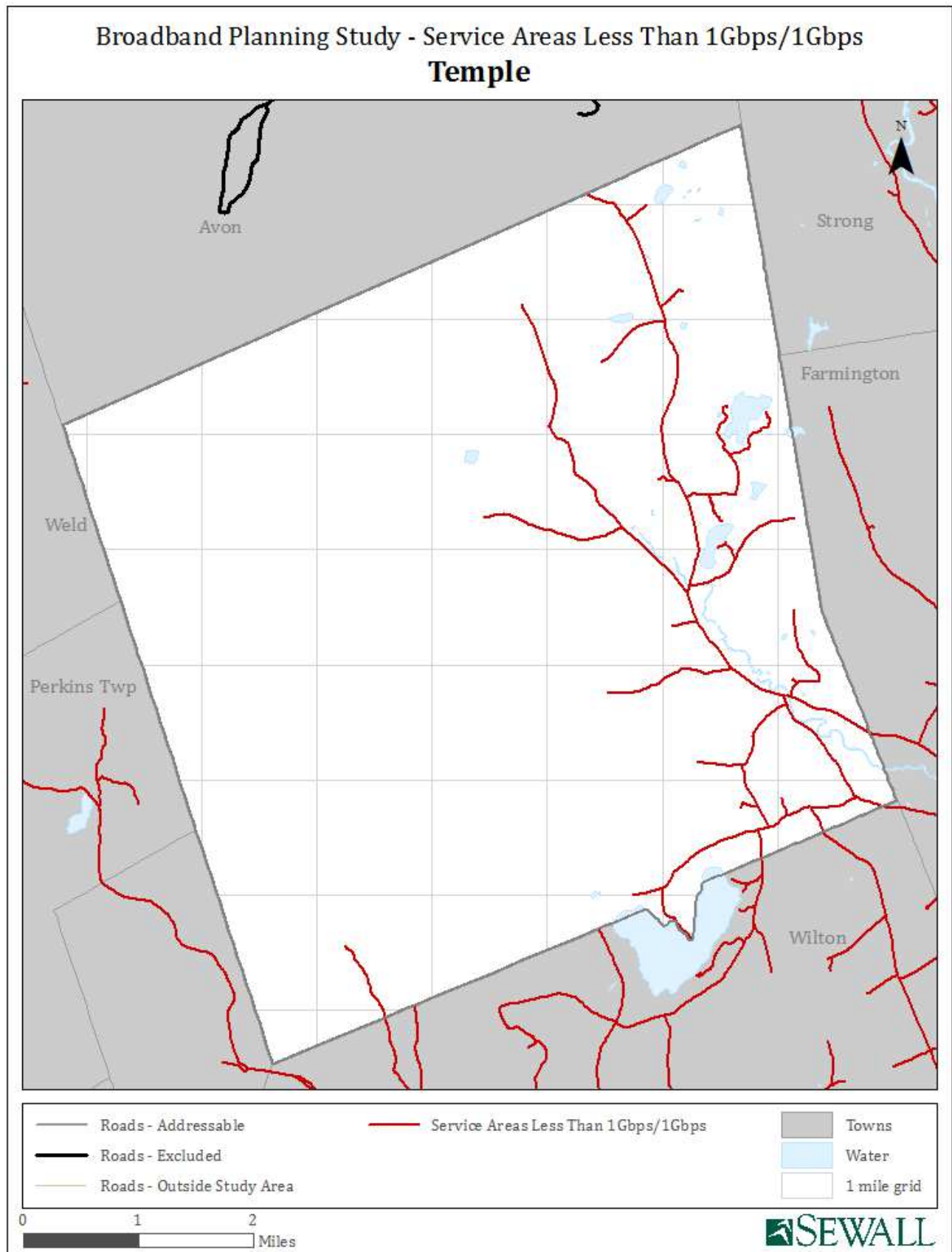




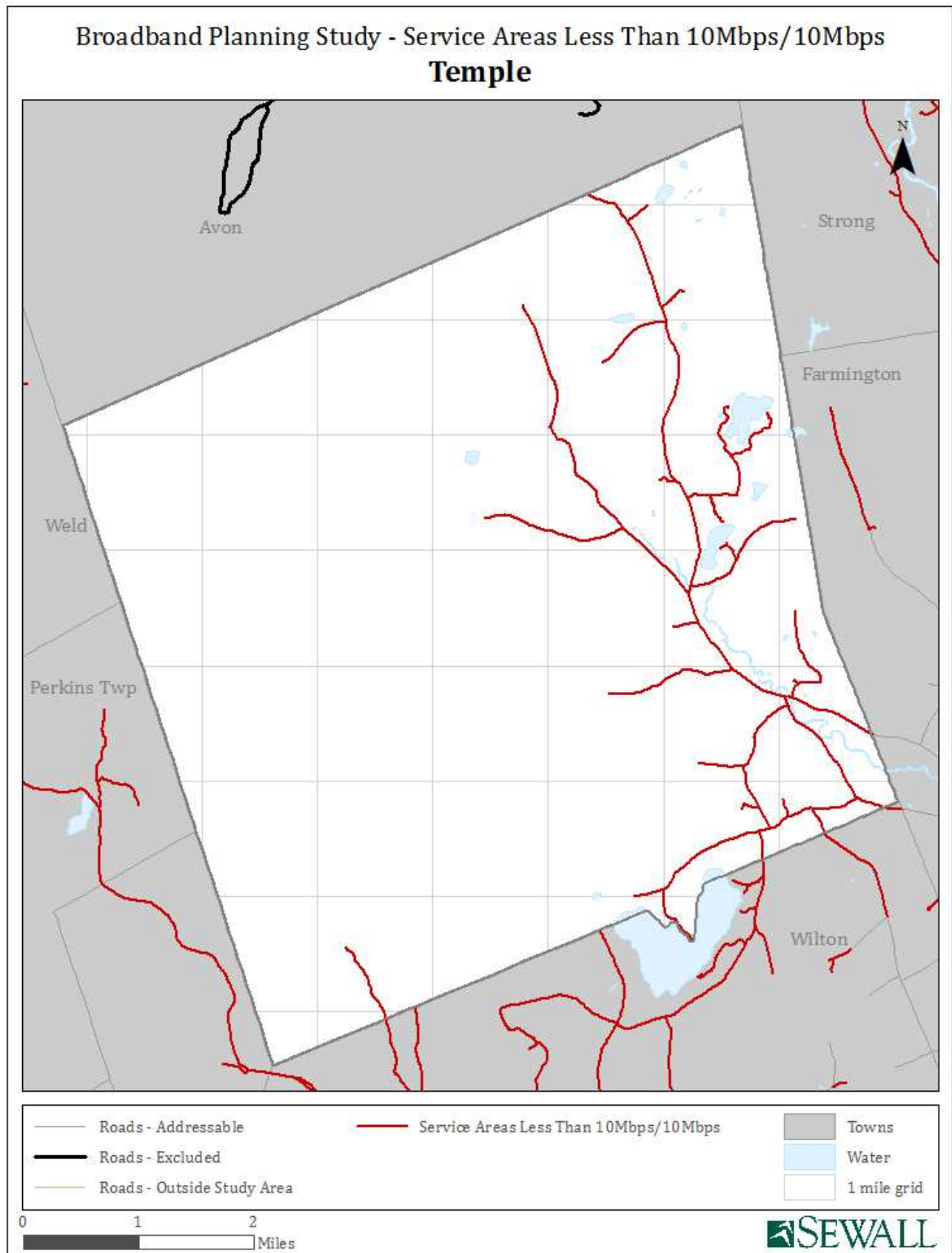
Temple CAF-II Map 3



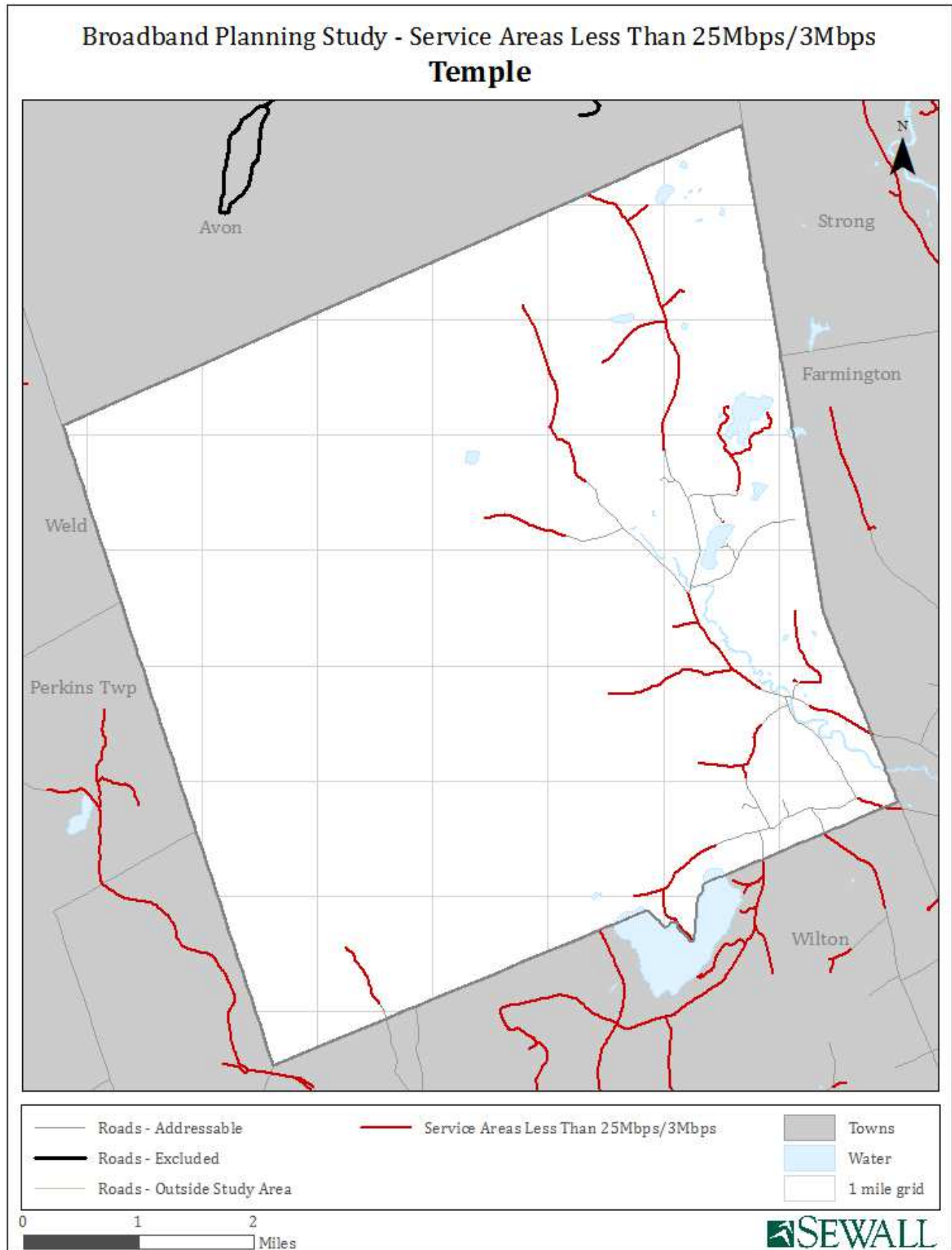
**Temple Service Areas less than 1 Gbps/1 Gbps Map 6**



**Temple Service Areas less than 10 Mbps/10 Mbps Map 7**

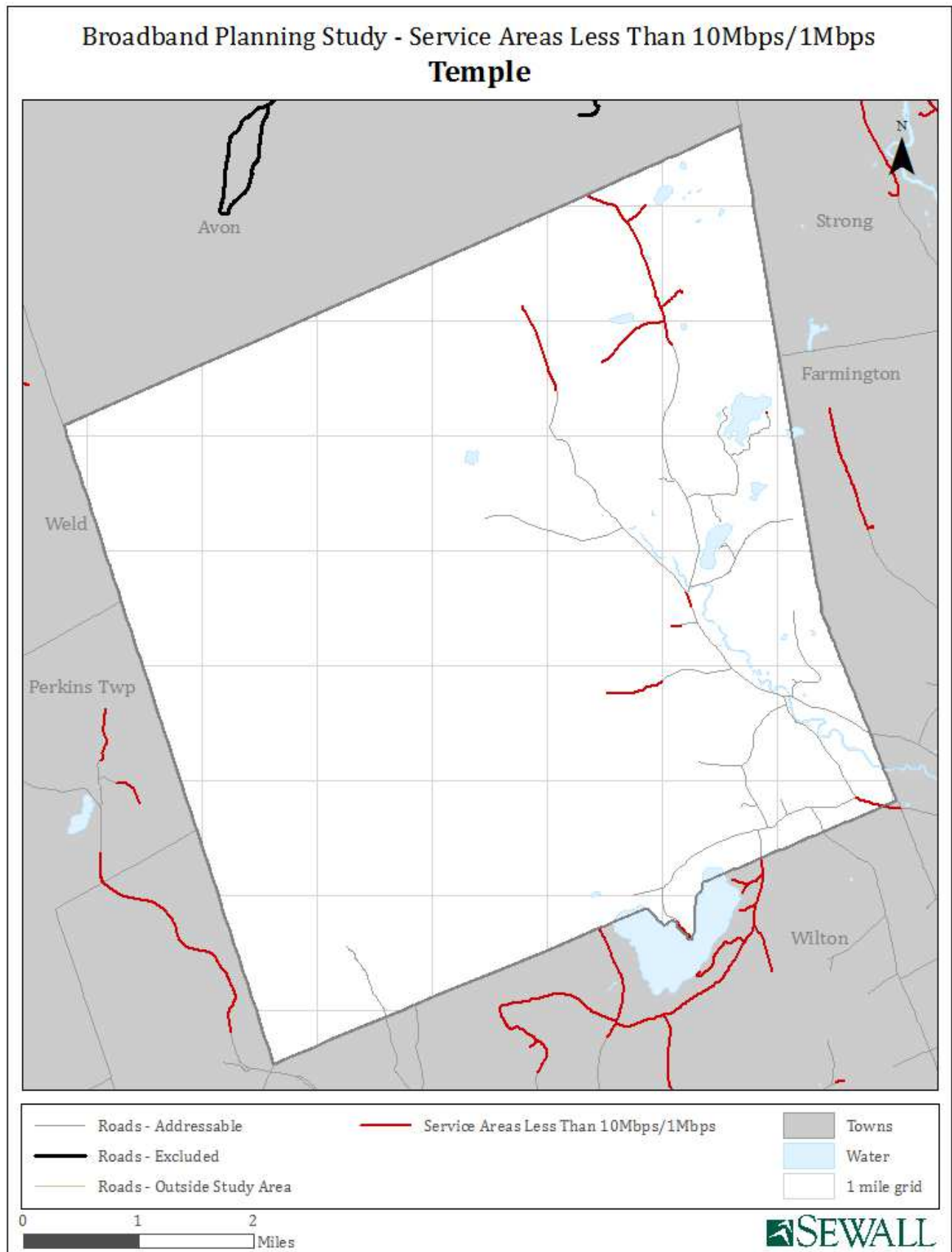


**Temple Service Areas less than 25 Mbps/3 Mbps Map 8**



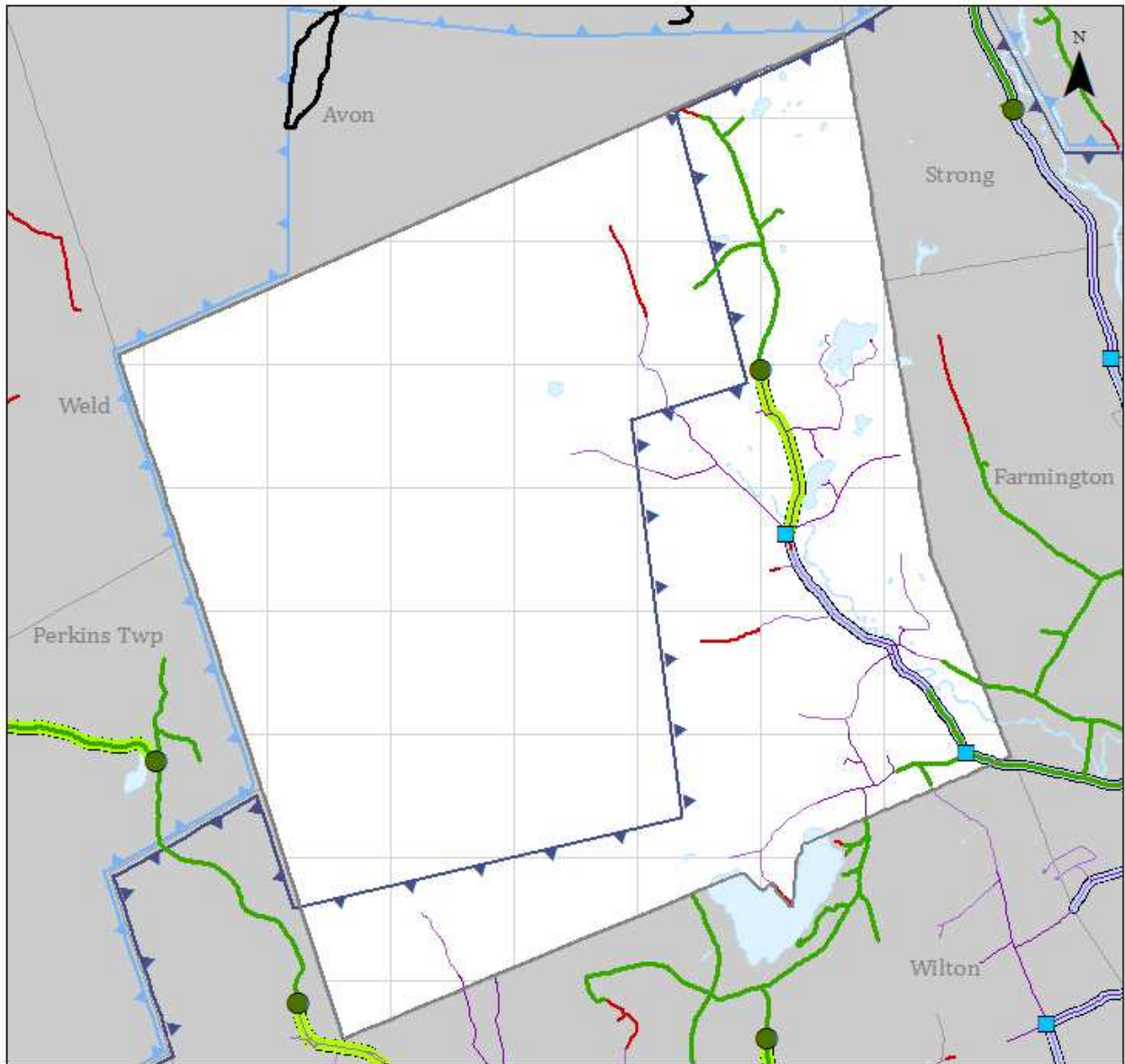


**Temple Service Areas less than 10 Mbps/1 Mbps Map 9**



### Temple Design for Universal Minimum 10 Mbps/1 Mbps Map 10

#### Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Temple

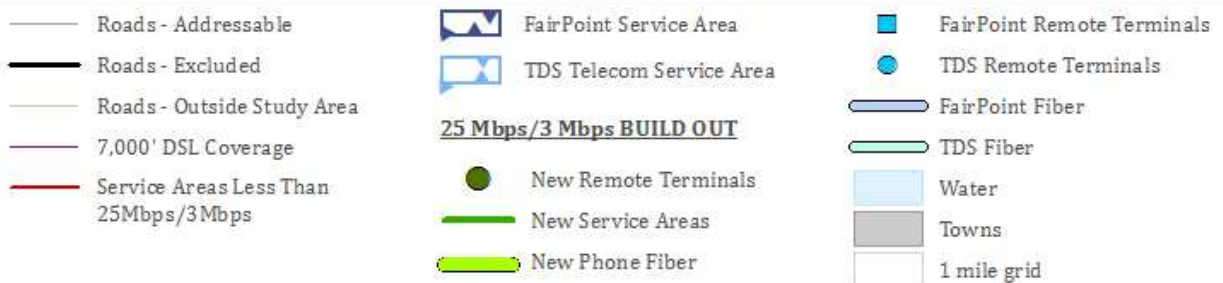
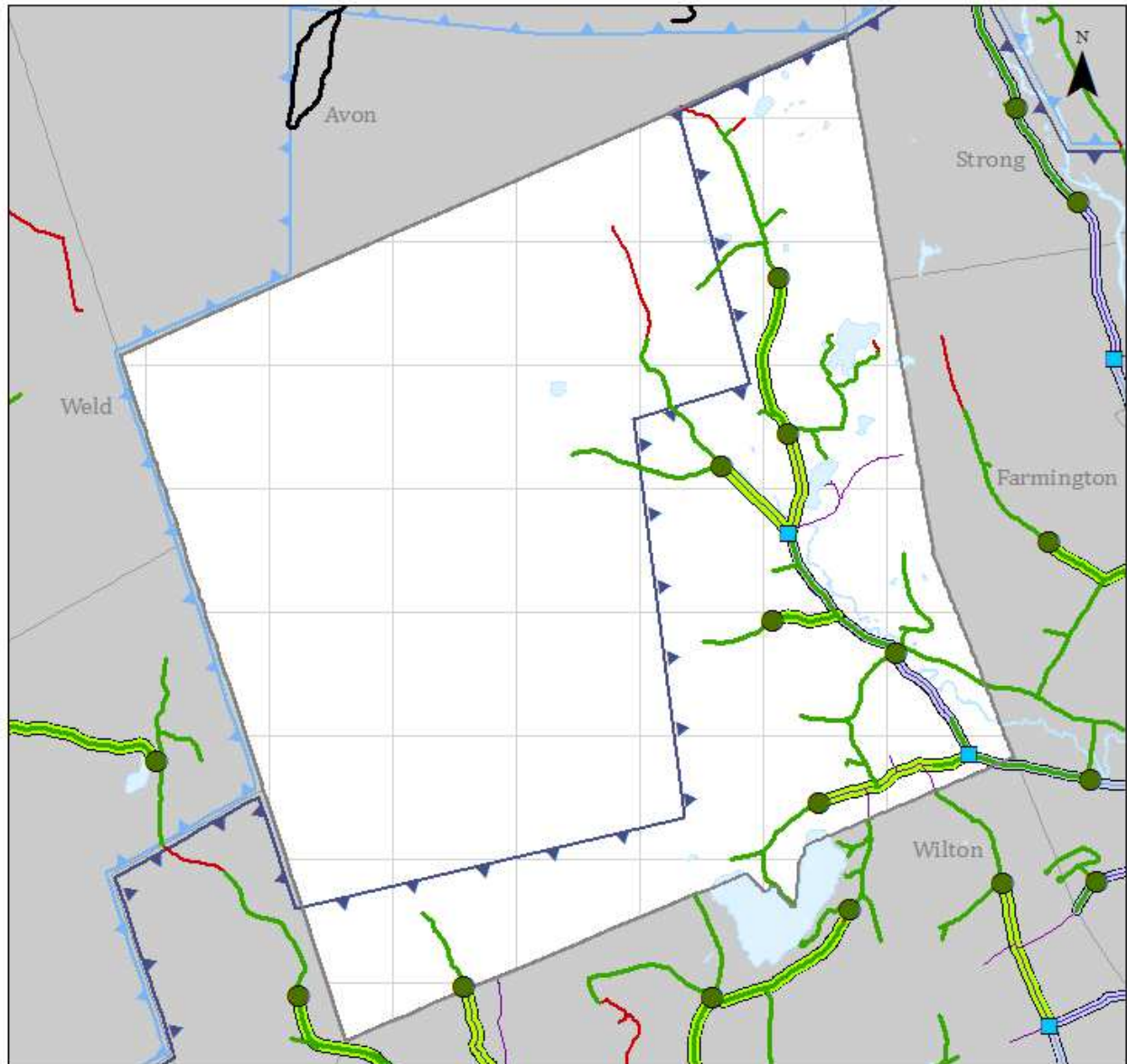


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Miles

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### Temple Design for Universal Minimum 25 Mbps/3 Mbps Map 11

#### Broadband Planning Study - Design for Universal Minimum 25Mbps/3Mbps Temple

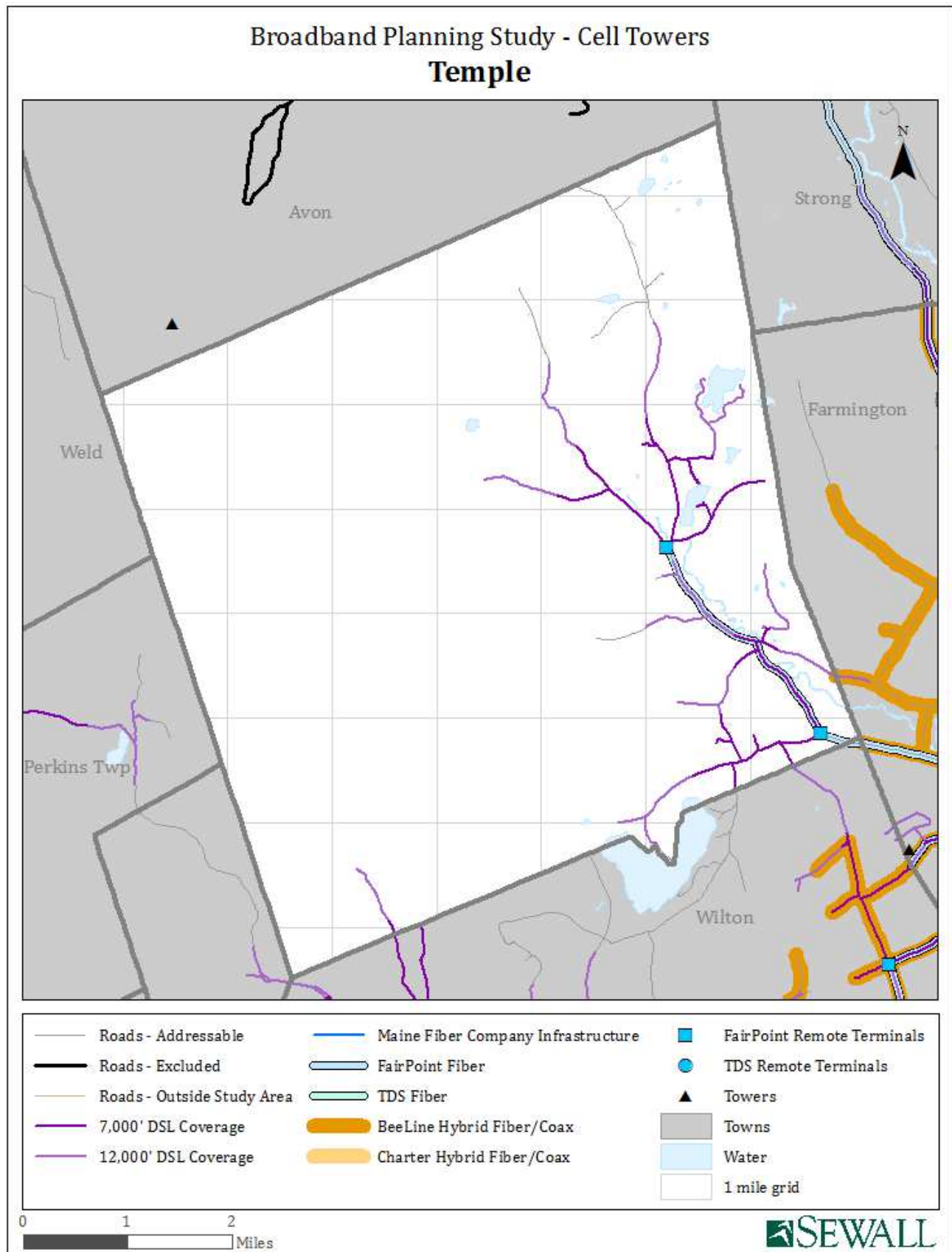


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Miles

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### Temple Cell Towers Map 12





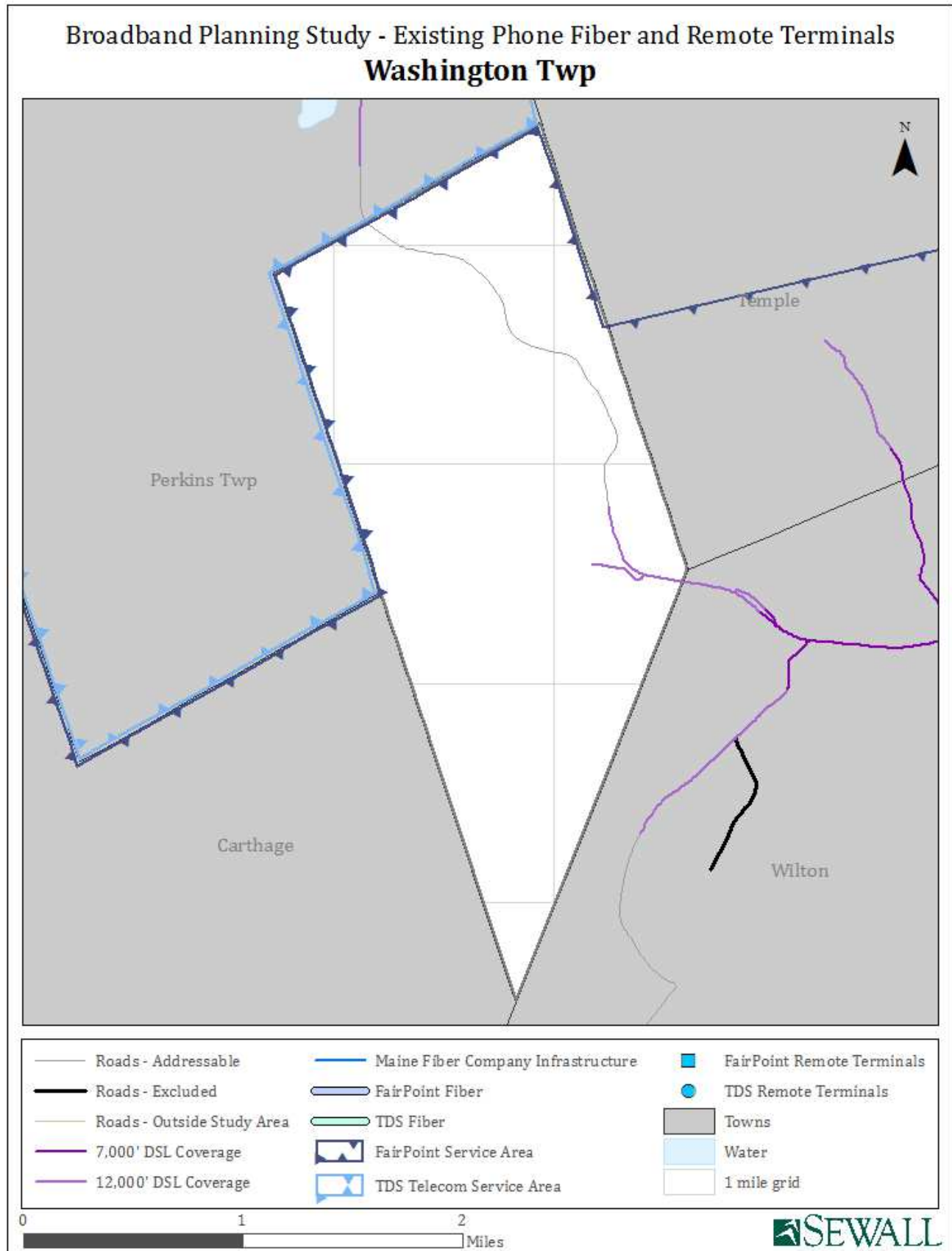
**C-34 Washington Twp**

**Special Considerations**

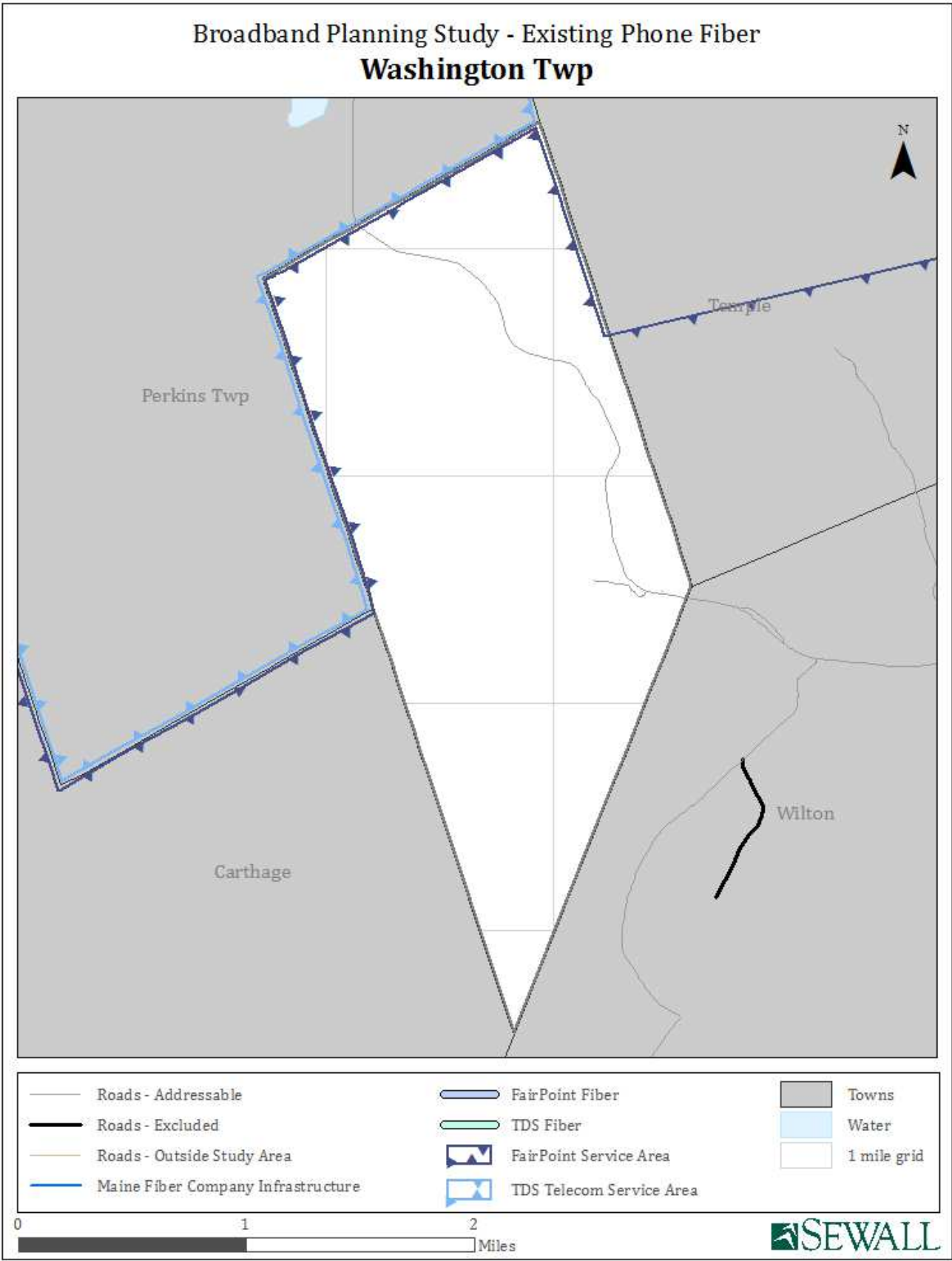
None

Washington Township				
Statistical Data	Cost	Unit	Washington Twp	Study Area Totals
911 Addresses			25	22,824
Total Road Mileage			2.8	1,637
Phone Fiber Mileage			-	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$40,000	mile	2.8	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	15	22,500
<i>Potential Subscribers per mile</i>			5	17
<b>Total Cost</b>			<b>\$122,029</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$8,135	<b>\$3,123</b>
<i>Per Mile</i>			\$43,766	\$51,558
10M/10M Gap Miles	\$35,000	mile	2.8	910
10M/10M Gap 911 Addresses	\$ 350	sub	15	8,351
<i>Potential Subscribers per mile</i>			5	9
<b>Total Cost</b>			<b>\$102,838</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$6,856	<b>\$4,164</b>
<i>Per Mile</i>			\$36,883	\$38,212
Potential private investment			\$27,662	\$15,955,247
Potential public subsidy			\$75,175	\$18,820,972
25M/3M Gap Miles			2.8	650
25M/3M Gap 911 Addresses			15	4,931
25M/3M New RT Quantity	\$25,000		1	270
25M/3M New Fiber Miles	\$25,000		0.6	182
<i>Potential Subscribers per mile</i>			5	8
<b>Total Cost</b>			\$40,846	\$11,305,524
<i>Per Potential Subscriber</i>			\$2,723	\$2,293
Potential private investment			\$10,987	\$4,286,572
Potential public subsidy			\$29,859	\$7,018,952
10M/1M Gap Miles			2.0	407
10M/1M Gap 911 Addresses			9	2,925
10M/1M New RT Quantity	\$25,000		1	93
10M/1M New Fiber Miles	\$25,000		0.6	74
<i>Potential Subscribers per mile</i>			5	7
<b>Total Cost</b>			\$38,975	\$4,167,973
<i>Per Potential Subscriber</i>			\$4,331	\$1,425
Potential private investment			\$8,950	\$1,497,587
Potential public subsidy			\$30,026	\$2,670,386
CAF-II Funded Locations			15	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$1,350	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$1,840	\$899,395
Insurance	\$183	mile	\$512	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$558	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$188	\$281,250
Administration	\$30	sub	\$225	\$337,500
<b>Total Operating Expense</b>			<b>\$3,322</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$1,972)</b>	<b>(\$15,689)</b>

### Washington Twp Existing Phone Fiber & Remote Terminals Map 1

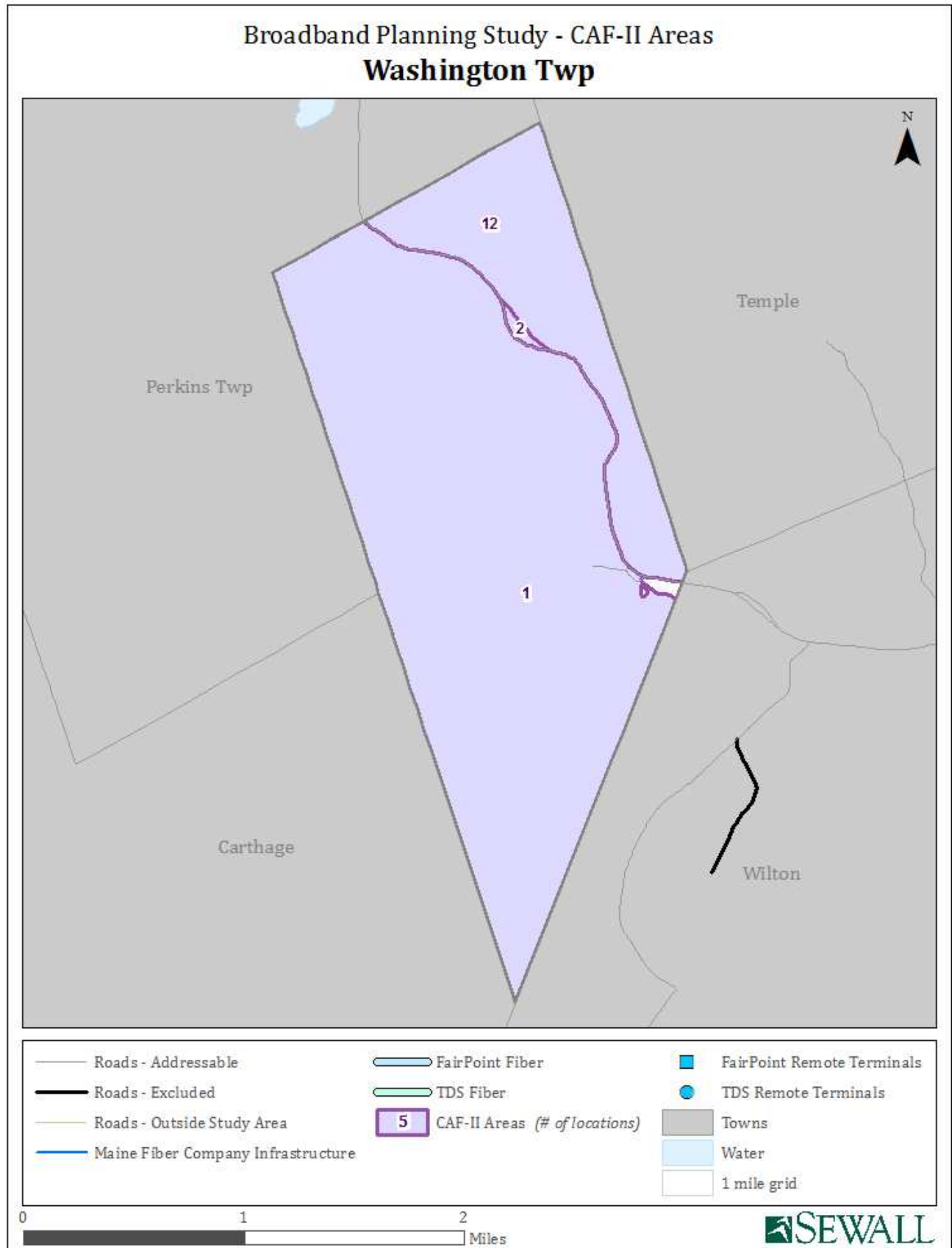


Washington Twp Existing Phone Fiber Map 2

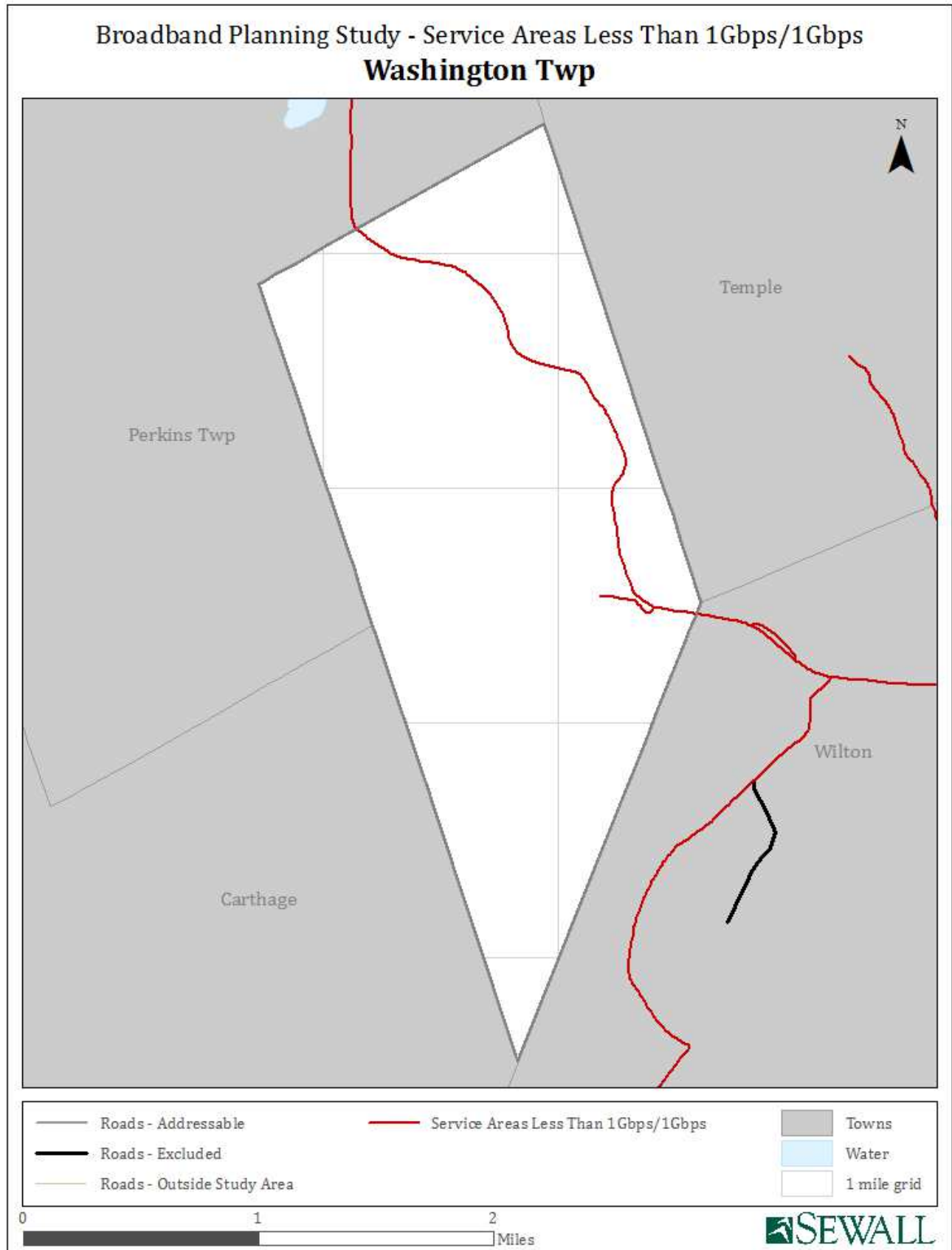




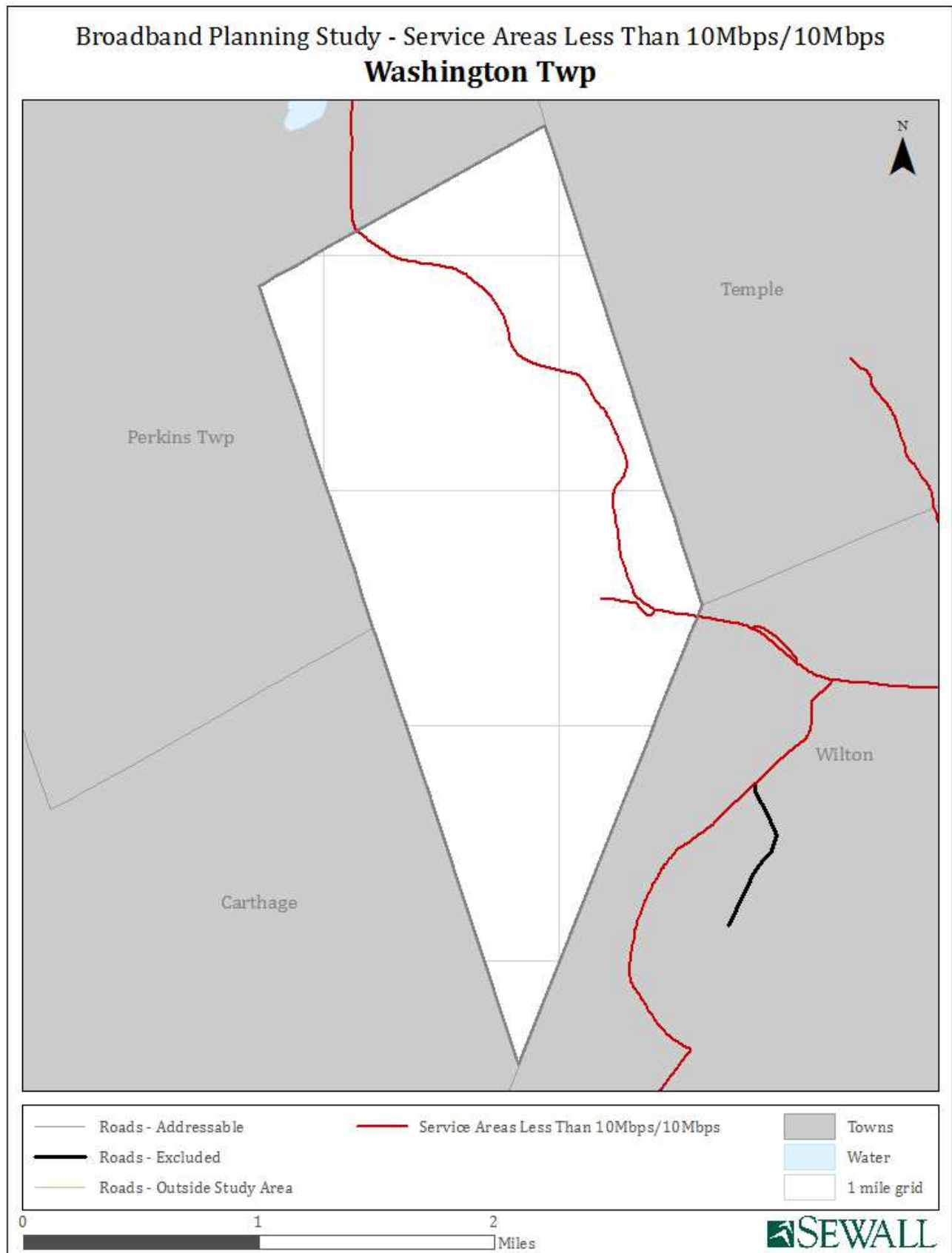
### Washington Twp CAF-II Map 3



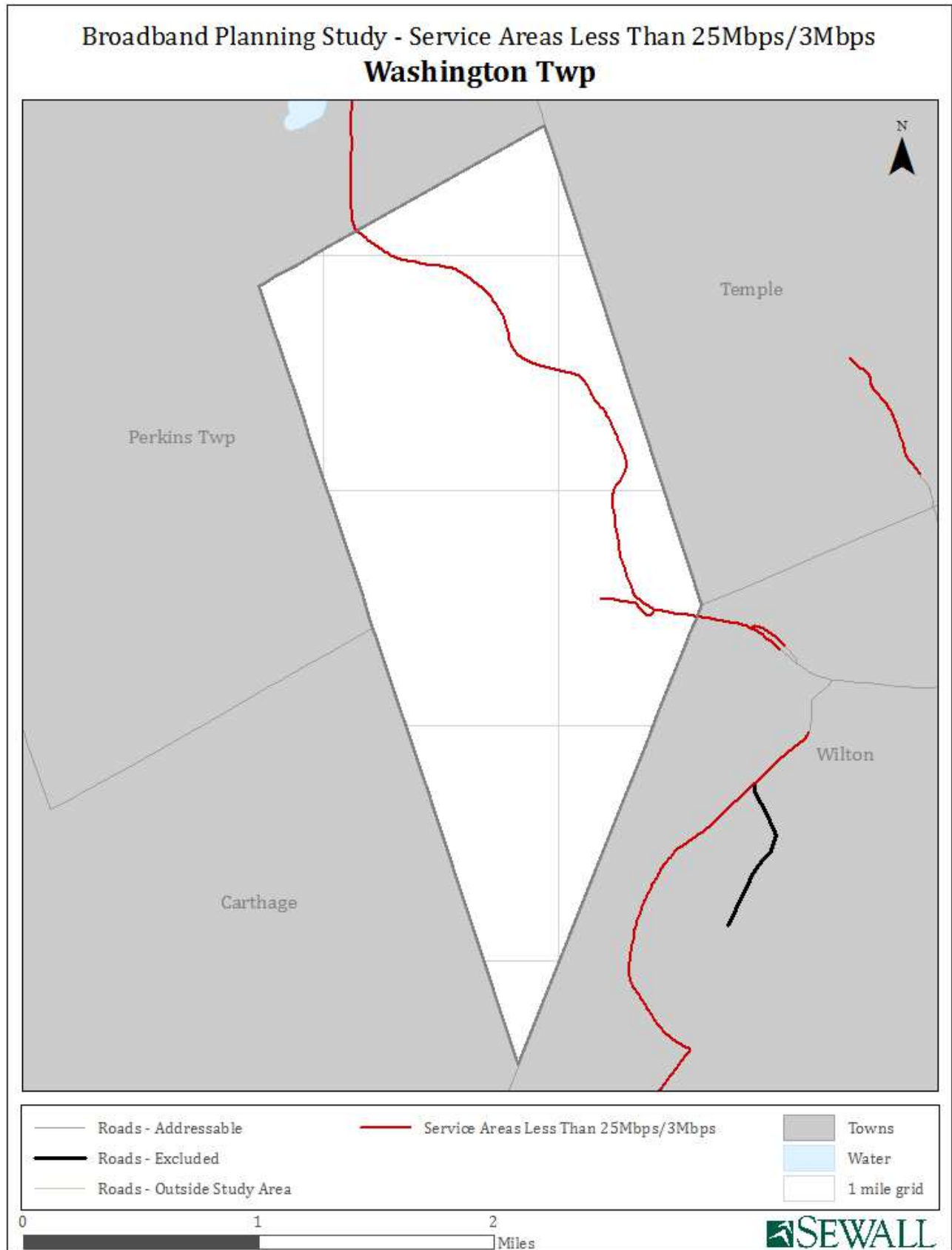
**Washington Twp Service Areas less than 1 Gbps/1 Gbps Map 6**



**Washington Twp Service Areas less than 10 Mbps/10 Mbps Map 7**

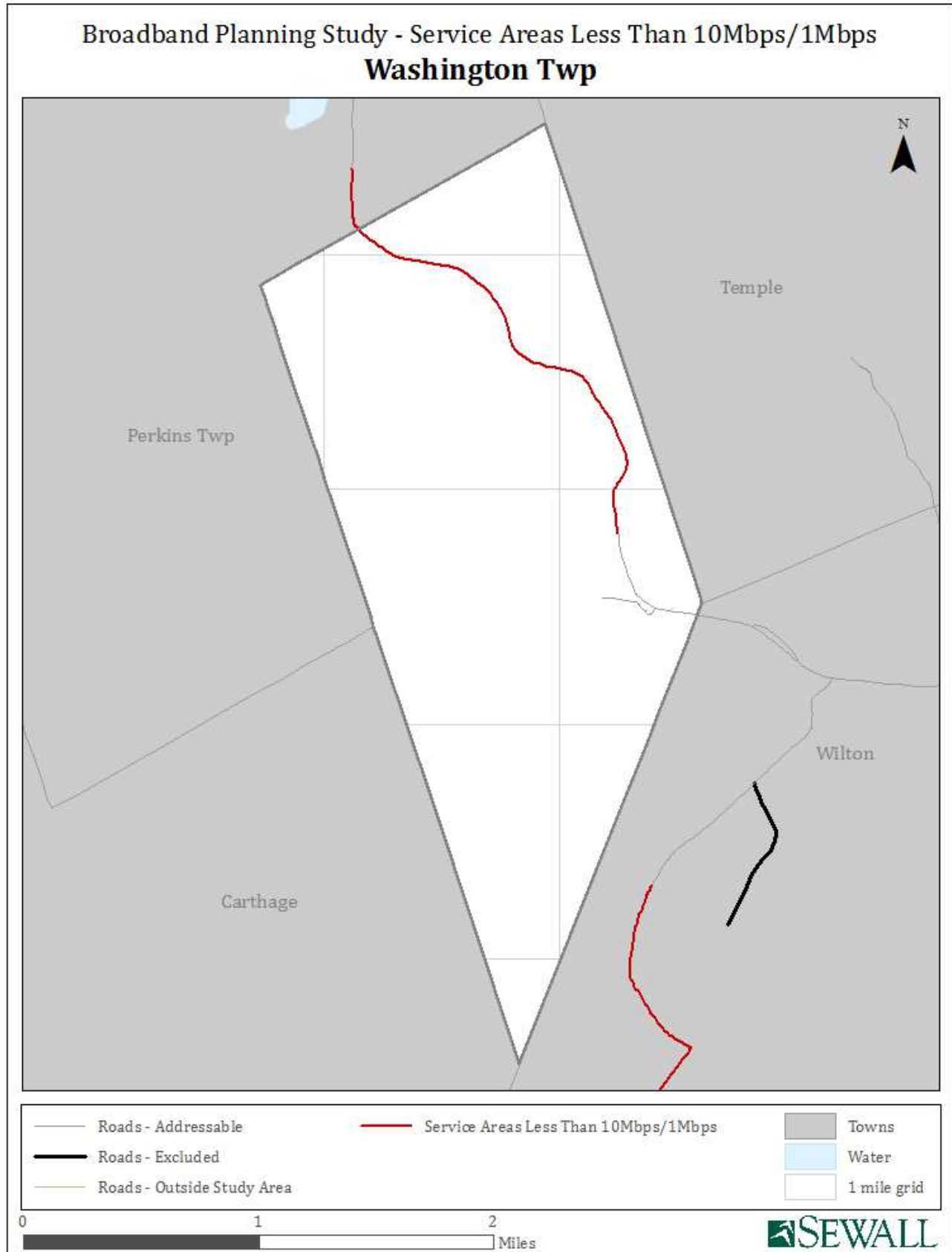


**Washington Twp Service Areas less than 25 Mbps/3 Mbps Map 8**

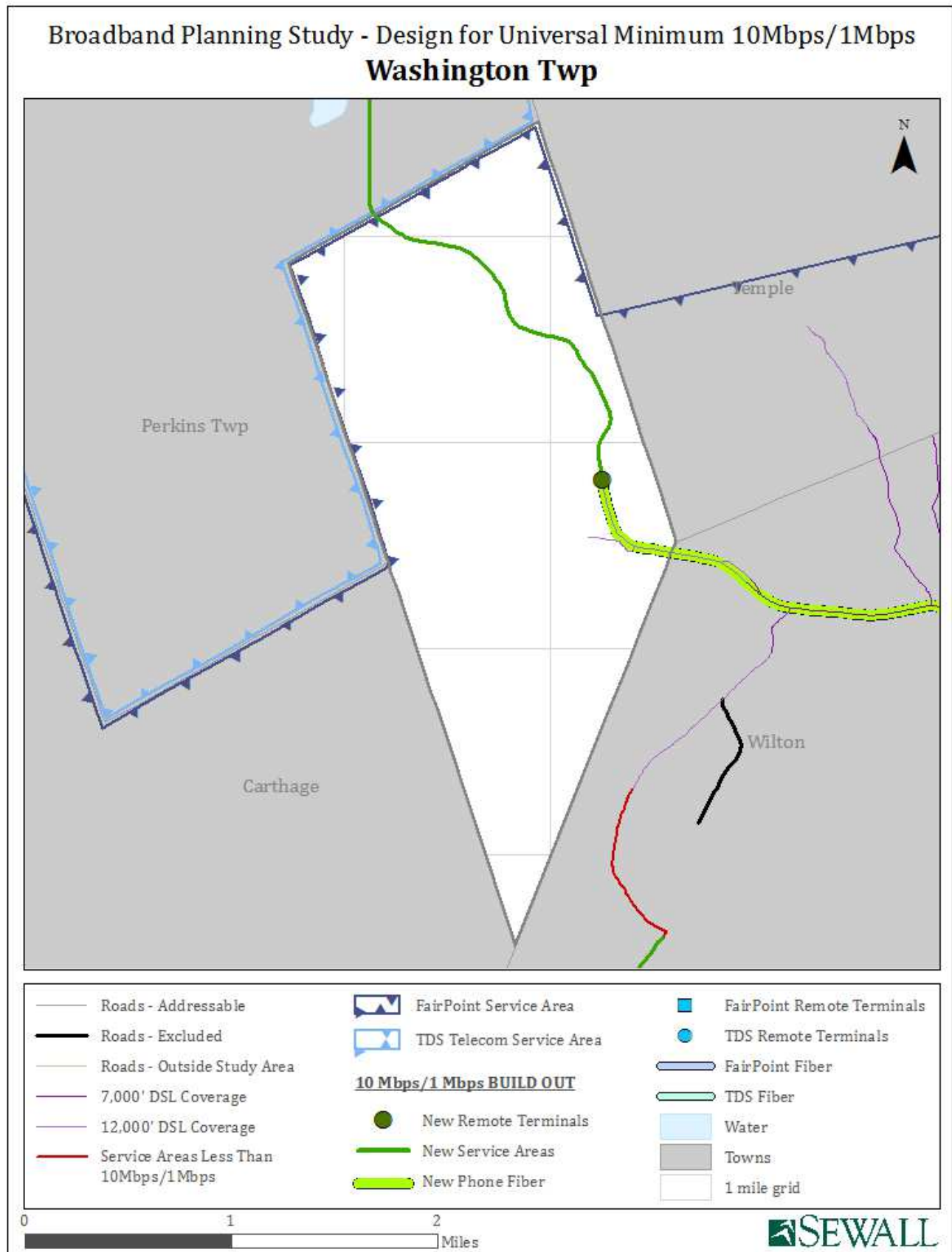




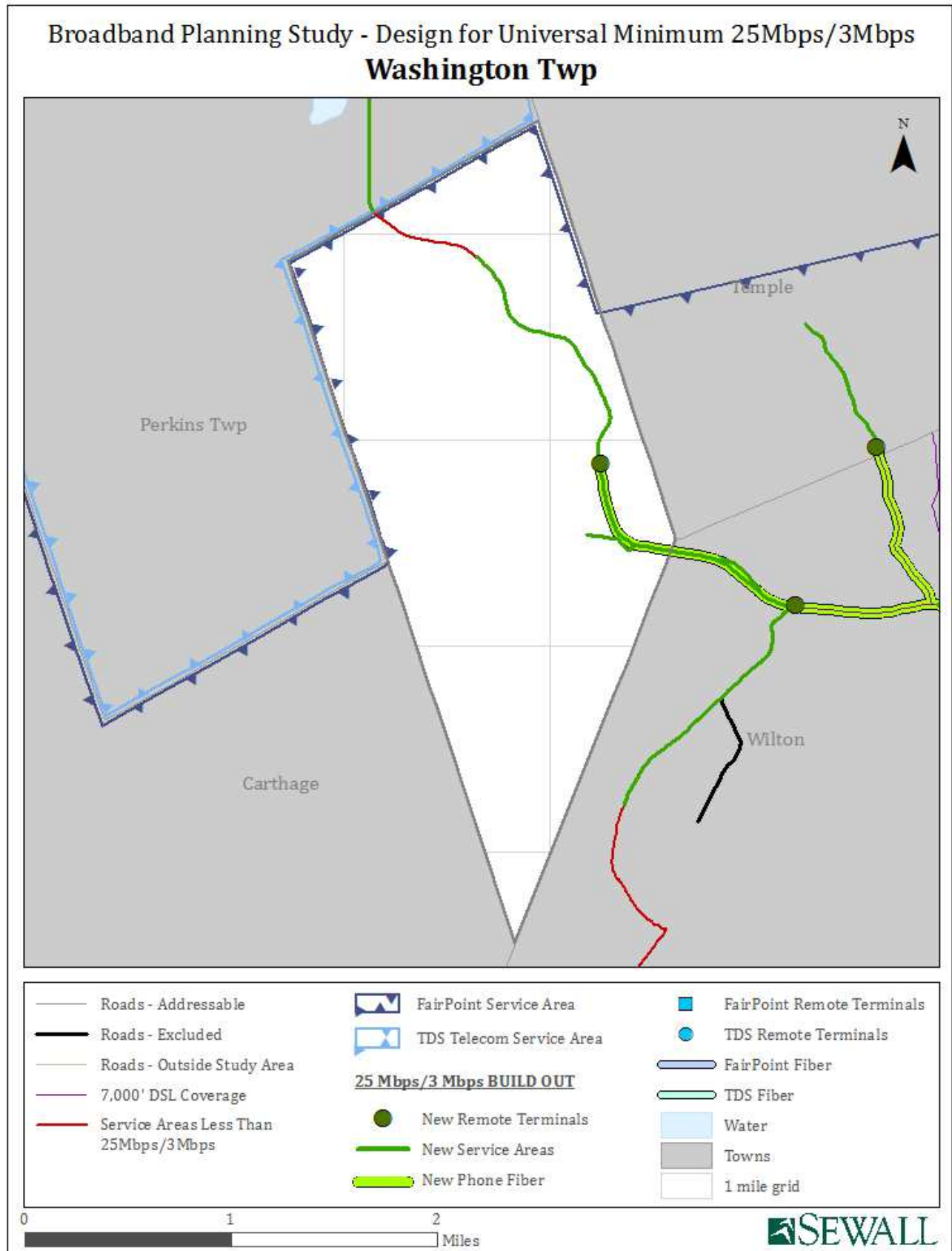
### Washington Twp Service Areas less than 10 Mbps/1 Mbps Map 9



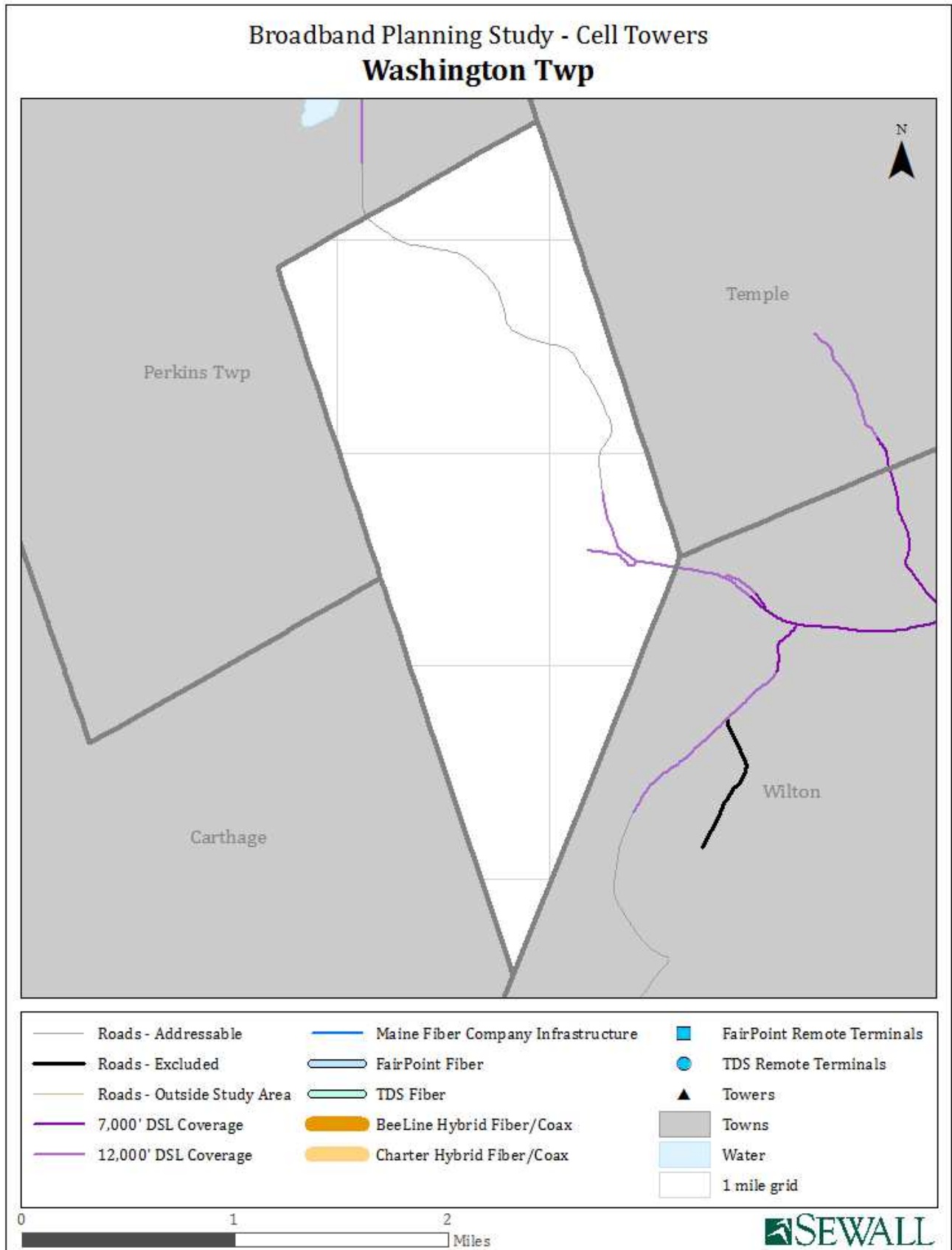
## Washington Twp Design for Universal Minimum 10 Mbps/1 Mbps Map 10



## Washington Twp Design for Universal Minimum 25 Mbps/3 Mbps Map 11



## Washington Twp Cell Towers Map 12



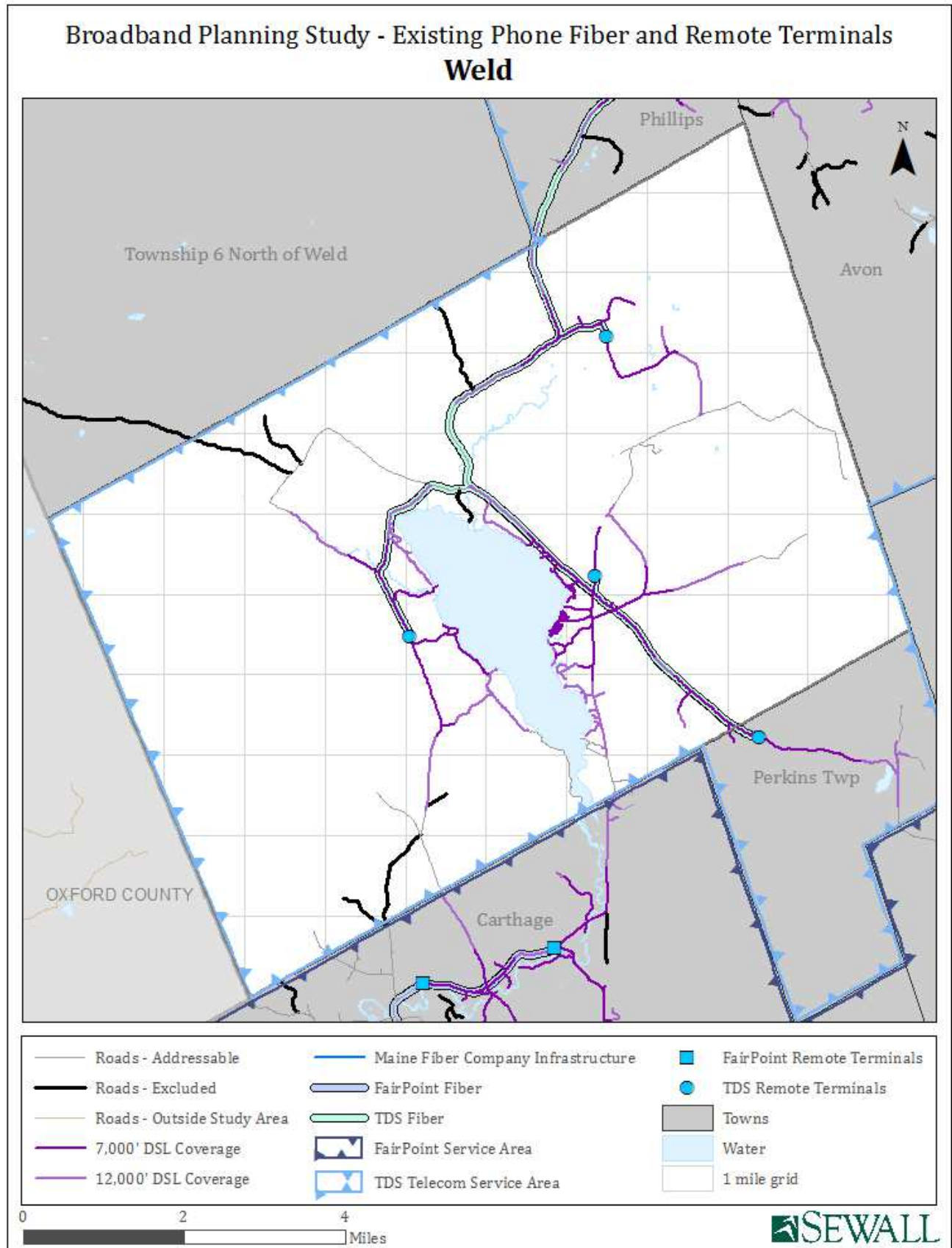


**C-35 Weld****Special Considerations**

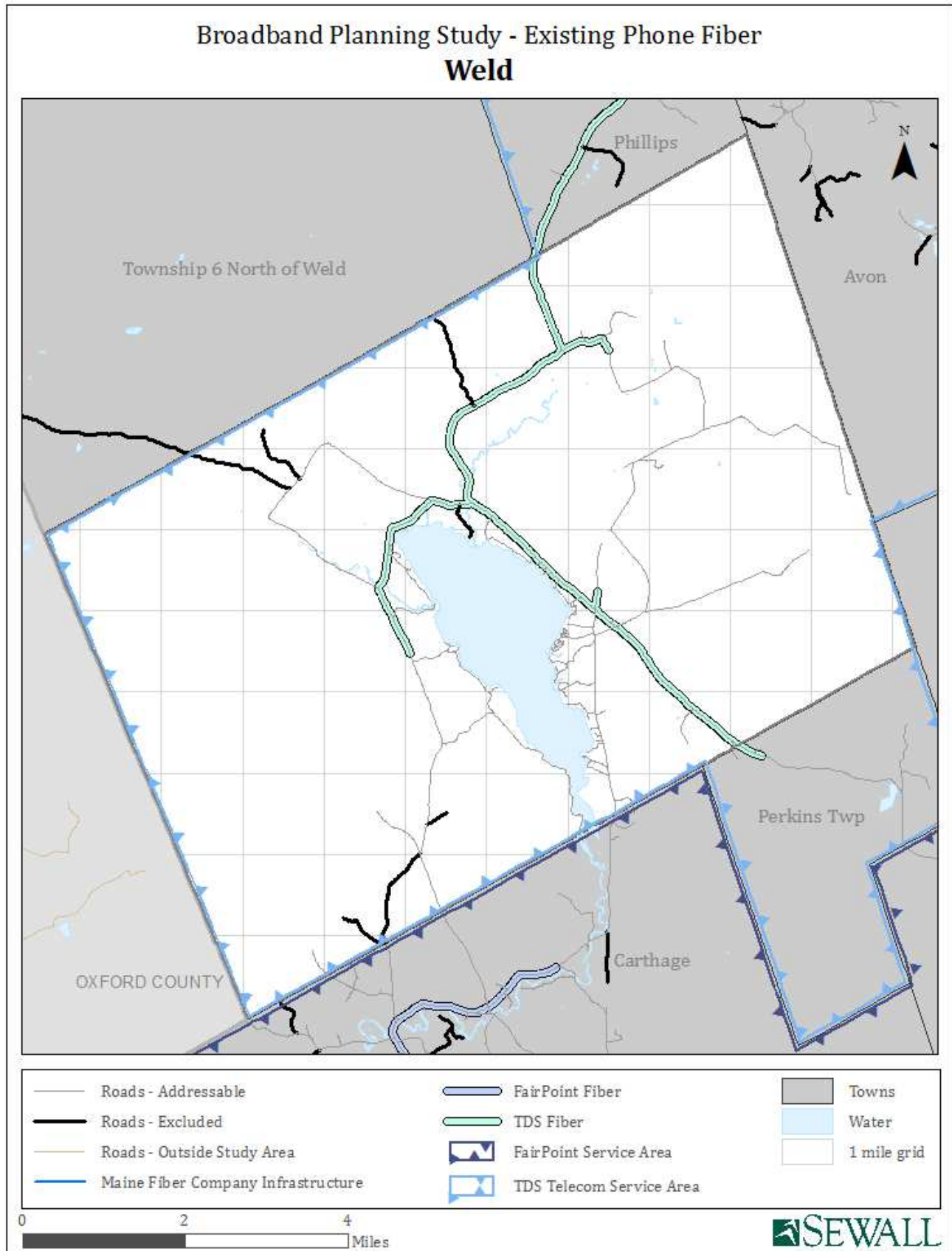
It appears Mount Blue Rd. (2.5 miles) can be eliminated from this analysis as no 911 addresses are present. In addition, Byron Rd. and a portion of W Brook Rd. (3.4 miles) can be eliminated for the same reasons. Cost tables have been updated to reflect this change.

Weld				
Statistical Data	Cost	Unit	Weld	Study Area Totals
911 Addresses			525	22,824
Total Road Mileage			60.0	1,637
Phone Fiber Mileage			12.2	336
Hybrid Fiber/Coax Mileage			-	451
1G/1G FTTP Gap Miles	\$40,000	mile	47.8	1,357
1G/1G FTTP 911 Addresses	\$ 700	sub	524	22,500
<i>Potential Subscribers per mile</i>			11	17
<b>Total Cost</b>			<b>\$2,278,533</b>	<b>\$70,022,775</b>
<i>Per Potential Subscriber</i>			\$4,348	\$3,112
<i>Per Mile</i>			\$47,675	\$51,608
10M/10M Gap Miles	\$35,000	mile	47.8	904
10M/10M Gap 911 Addresses	\$ 350	sub	524	8,351
<i>Potential Subscribers per mile</i>			11	9
<b>Total Cost</b>			<b>\$1,856,167</b>	<b>\$34,569,719</b>
<i>Per Potential Subscriber</i>			\$3,542	\$4,140
<i>Per Mile</i>			\$38,837	\$38,233
Potential private investment			\$1,017,539	\$15,963,997
Potential public subsidy			\$838,628	\$18,605,722
25M/3M Gap Miles			31.9	650
25M/3M Gap 911 Addresses			195	4,931
25M/3M New RT Quantity	\$25,000		11	270
25M/3M New Fiber Miles	\$25,000		9.8	182
<i>Potential Subscribers per mile</i>			6	8
<b>Total Cost</b>			\$519,708	\$11,305,524
<i>Per Potential Subscriber</i>			\$2,665	\$2,293
Potential private investment			\$158,893	\$4,286,572
Potential public subsidy			\$360,814	\$7,018,952
10M/1M Gap Miles			15.5	407
10M/1M Gap 911 Addresses			34	2,925
10M/1M New RT Quantity	\$25,000		3	93
10M/1M New Fiber Miles	\$25,000		4.9	74
<i>Potential Subscribers per mile</i>			2	7
<b>Total Cost</b>			\$197,397	\$4,167,973
<i>Per Potential Subscriber</i>			\$5,806	\$1,425
Potential private investment			\$21,600	\$1,497,587
Potential public subsidy			\$175,797	\$2,670,386
CAF-II Funded Locations			-	2,429
A-CAM Funded Locations			248	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$47,160	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$31,544	\$895,501
Insurance	\$184	mile	\$8,806	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$9,559	\$271,364
Moves, Adds, Changes, Disconnects	\$25	sub	\$6,550	\$281,250
Administration	\$30	sub	\$7,860	\$337,500
<b>Total Operating Expense</b>			<b>\$64,318</b>	<b>\$2,035,615</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$17,158)</b>	<b>(\$10,615)</b>

### Weld Existing Phone Fiber & Remote Terminals Map 1

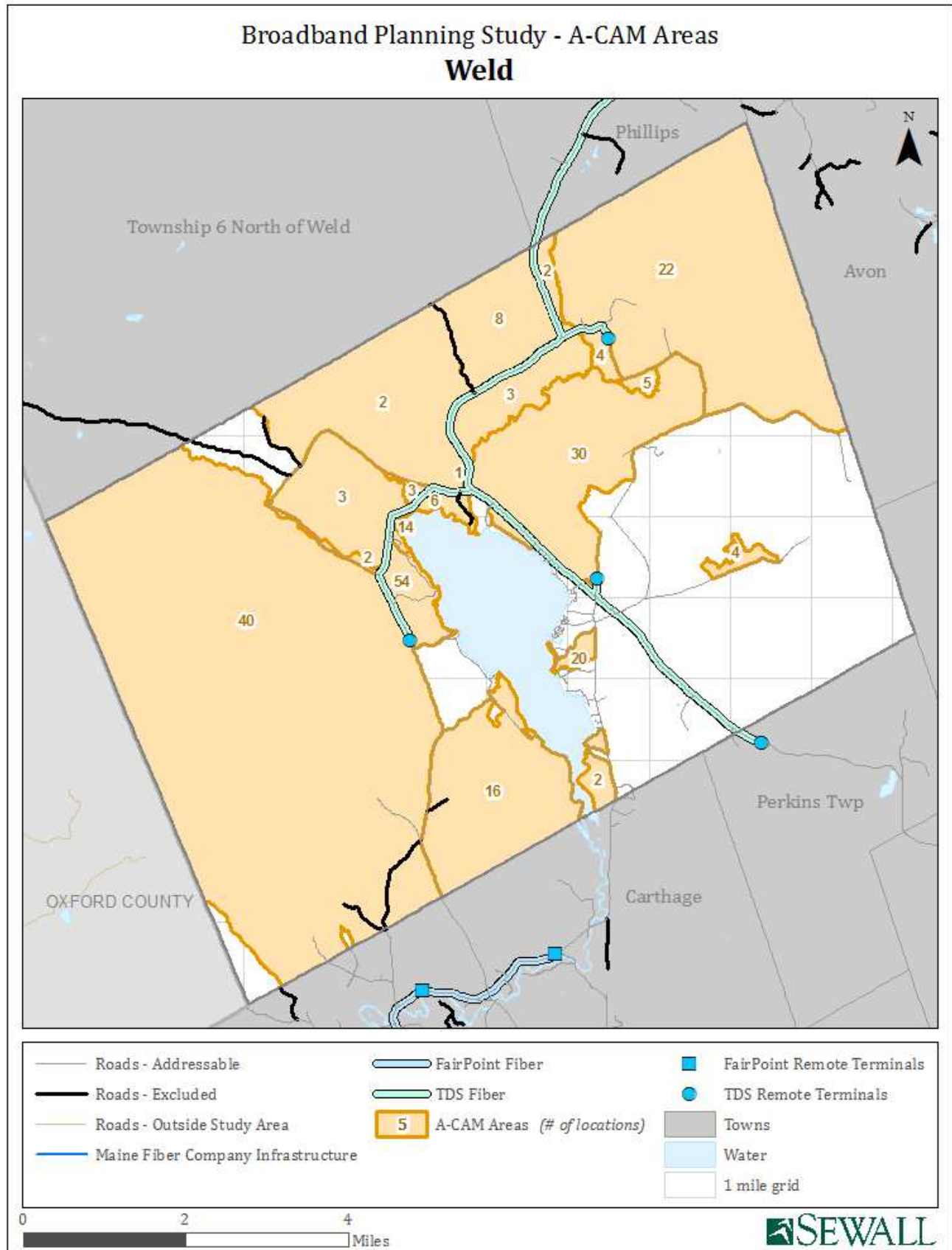


## Weld Existing Phone Fiber Map 2

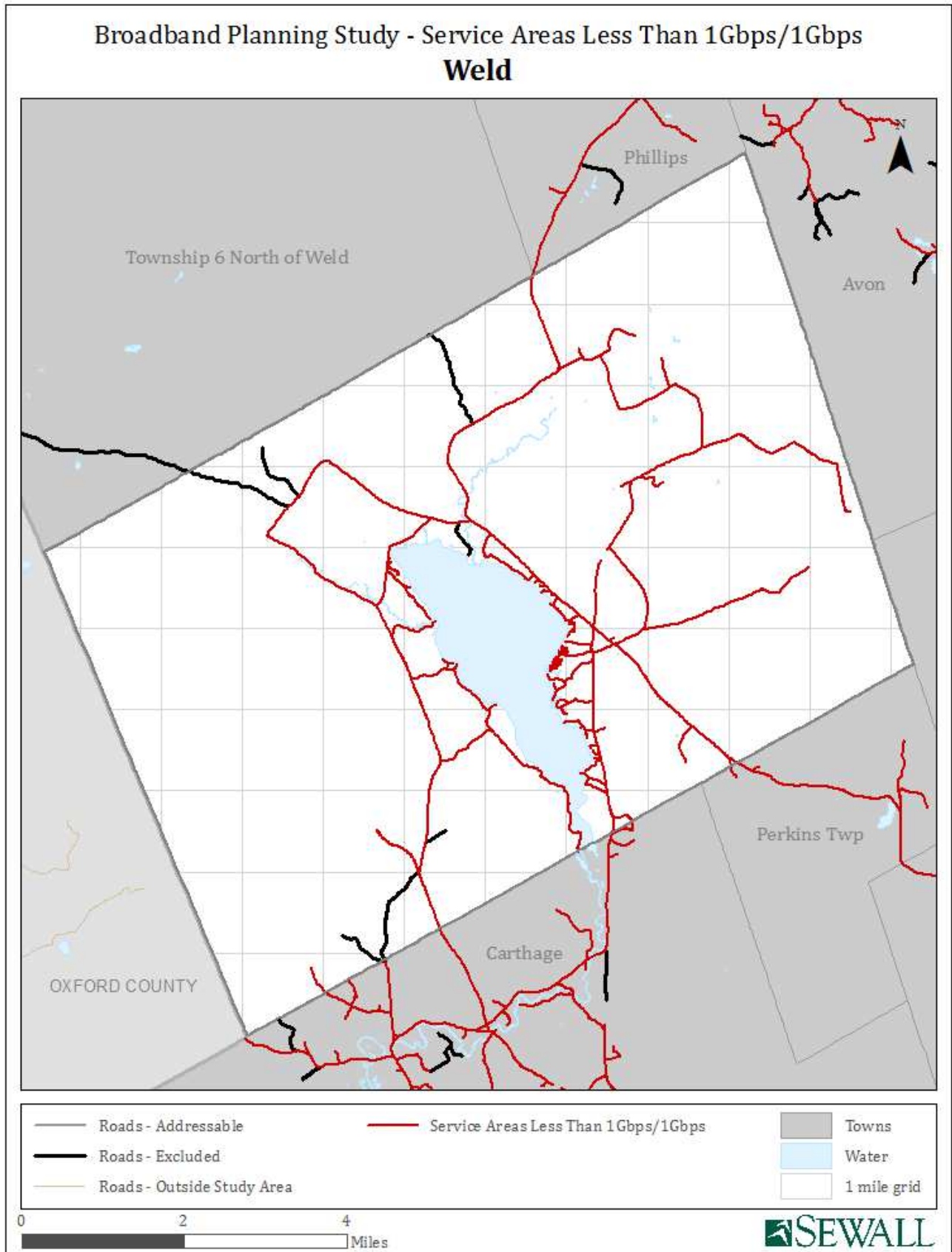




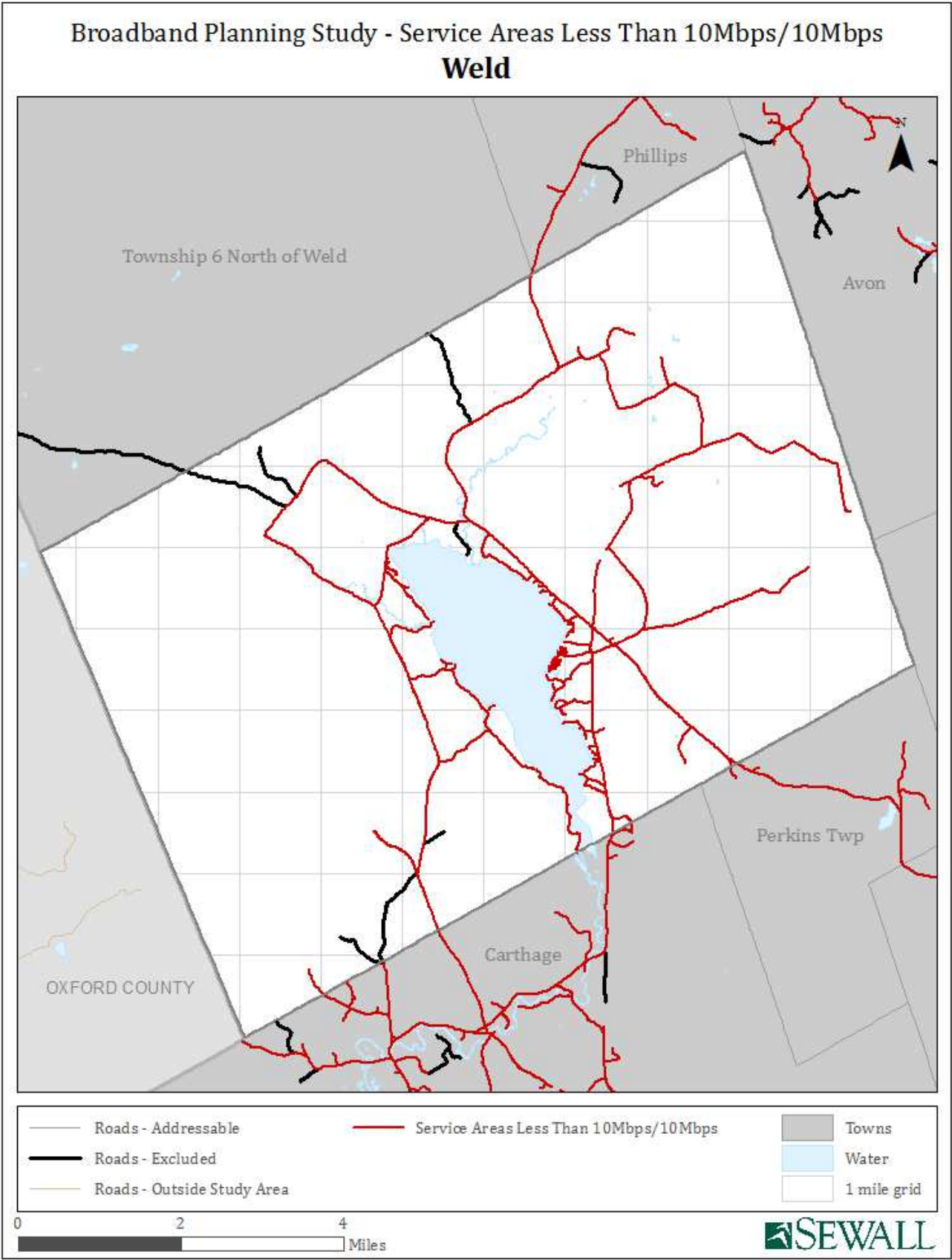
### Weld A-CAM Map 4



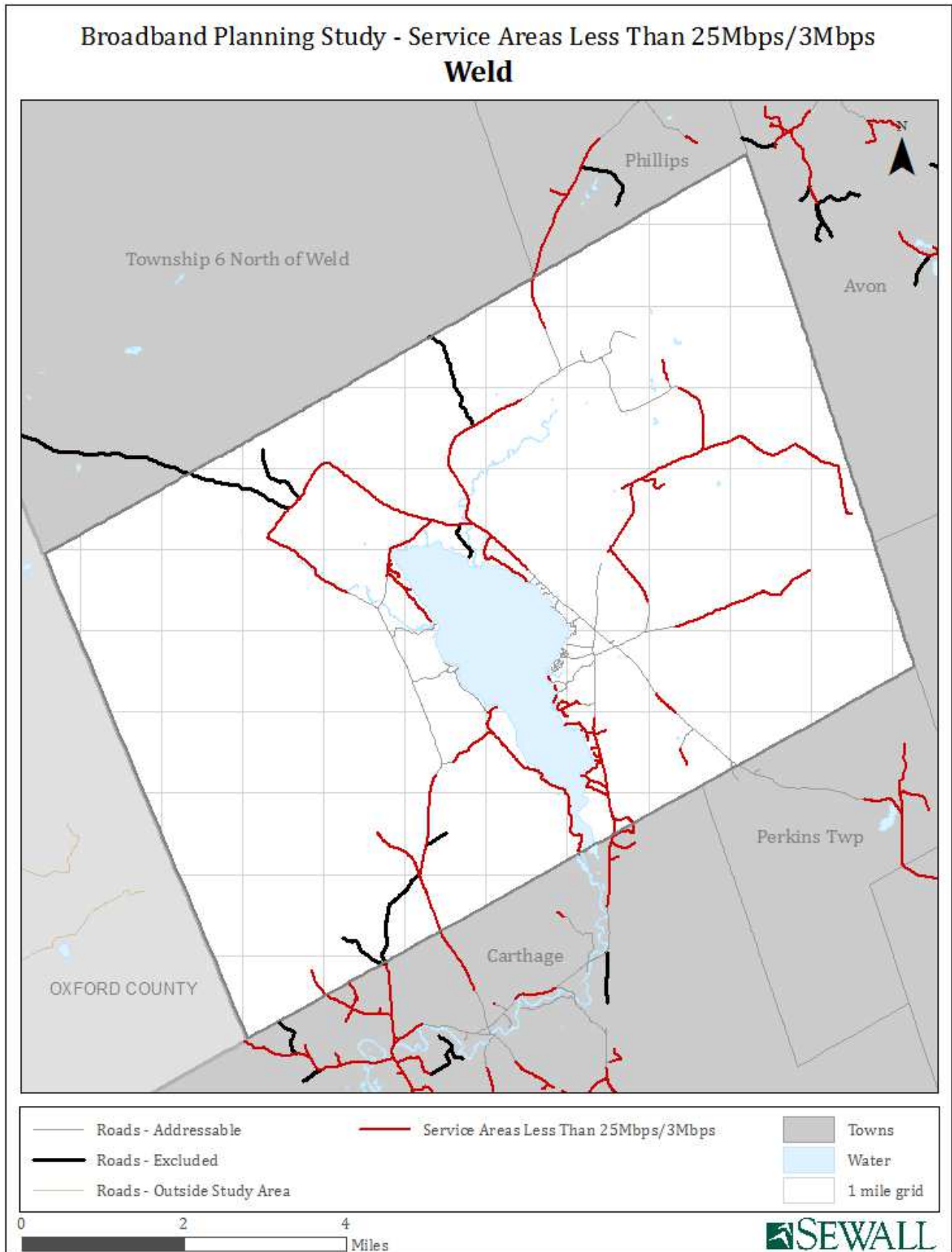
**Weld Service Areas less than 1 Gbps/1 Gbps Map 6**



Weld Service Areas less than 10 Mbps/10 Mbps Map 7

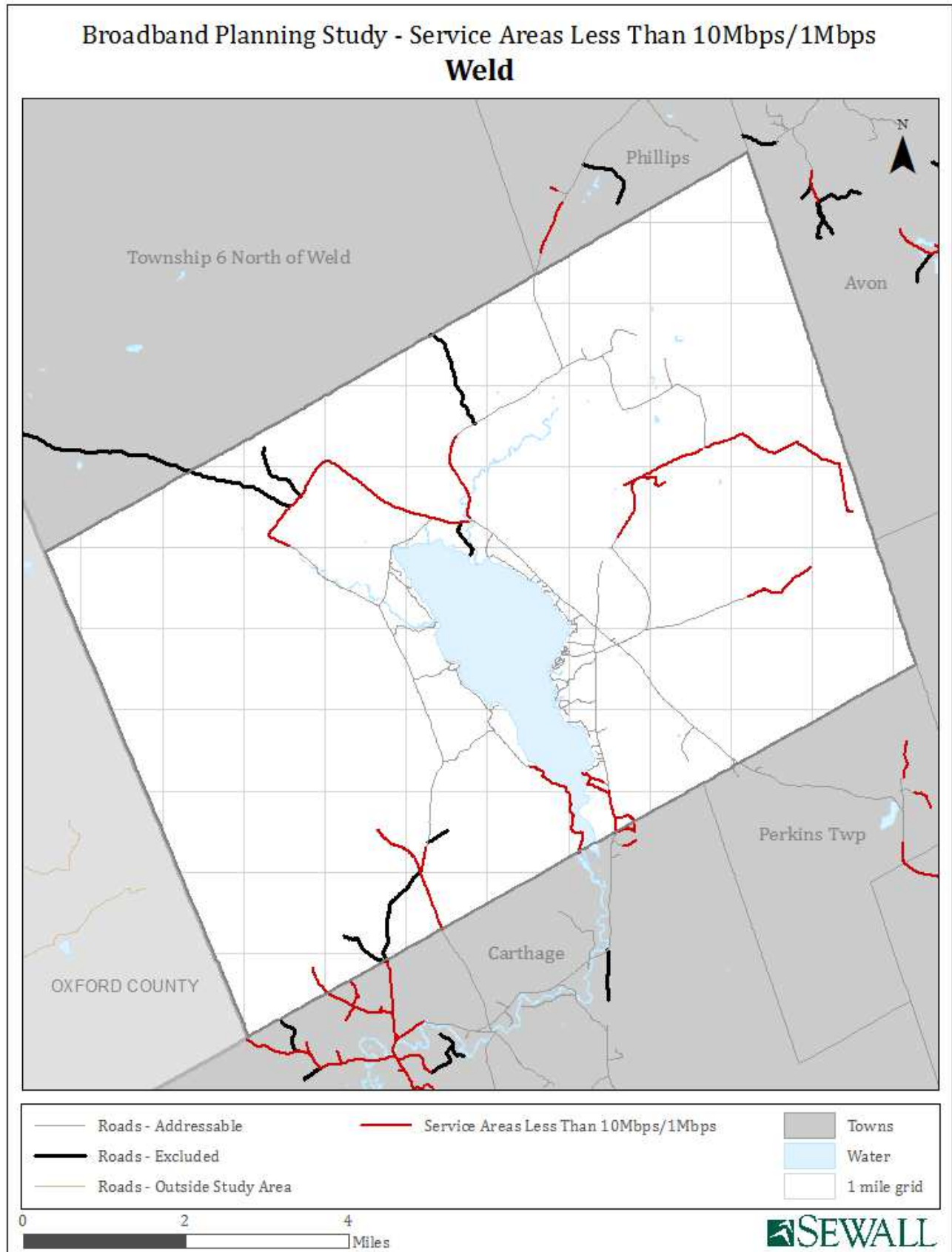


**Weld Service Areas less than 25 Mbps/3 Mbps Map 8**

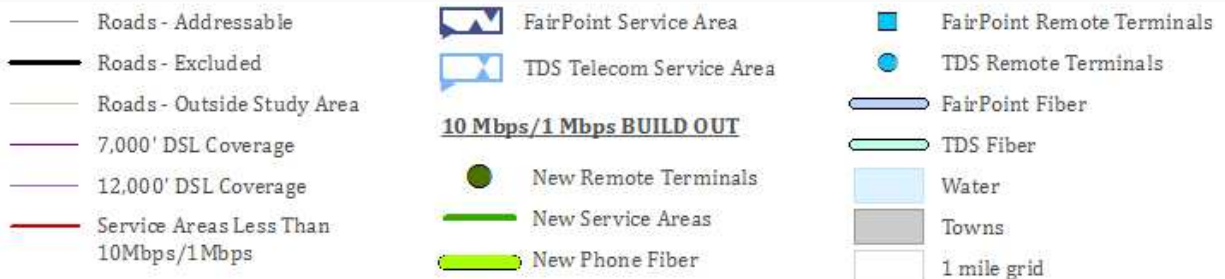
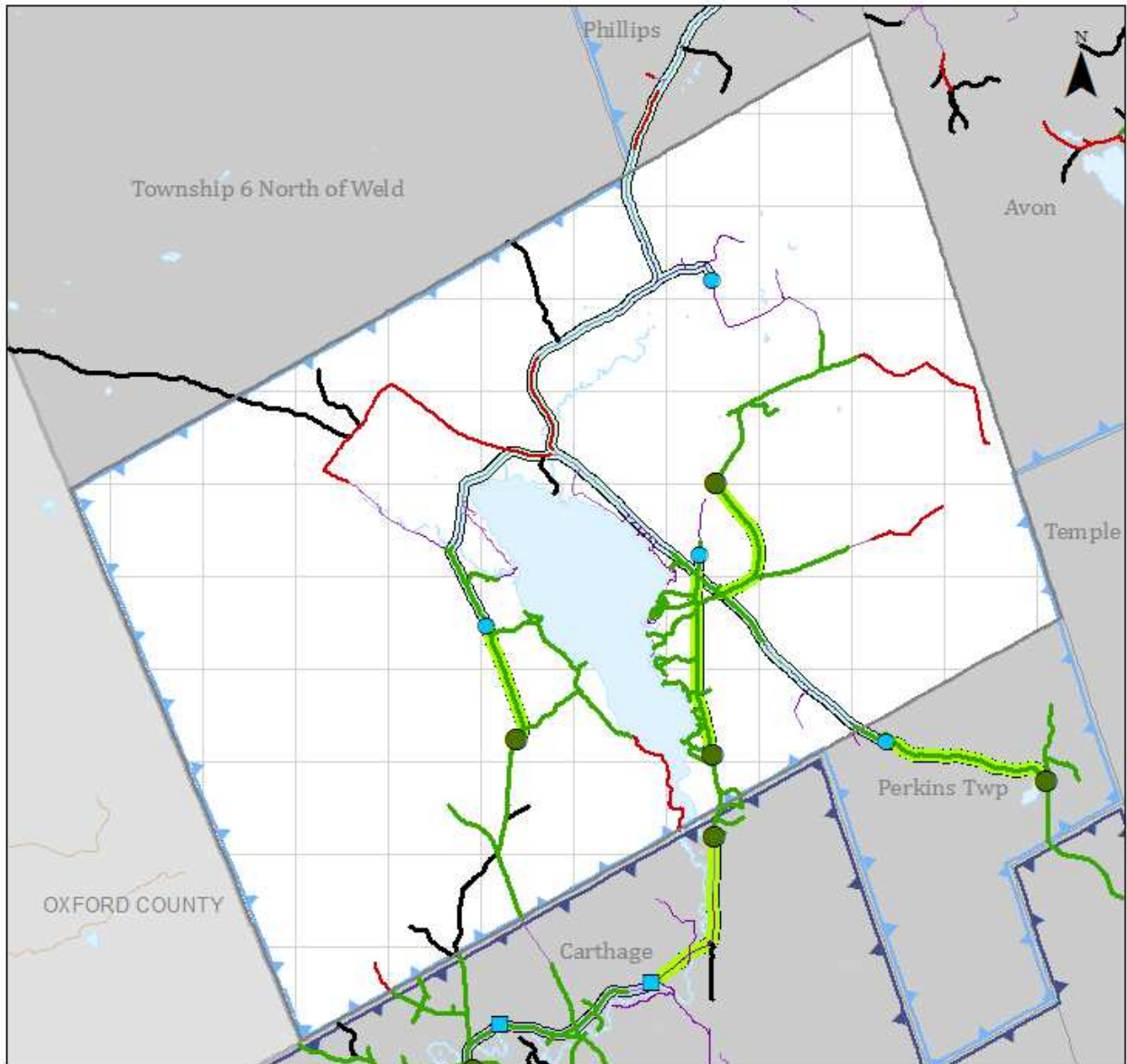




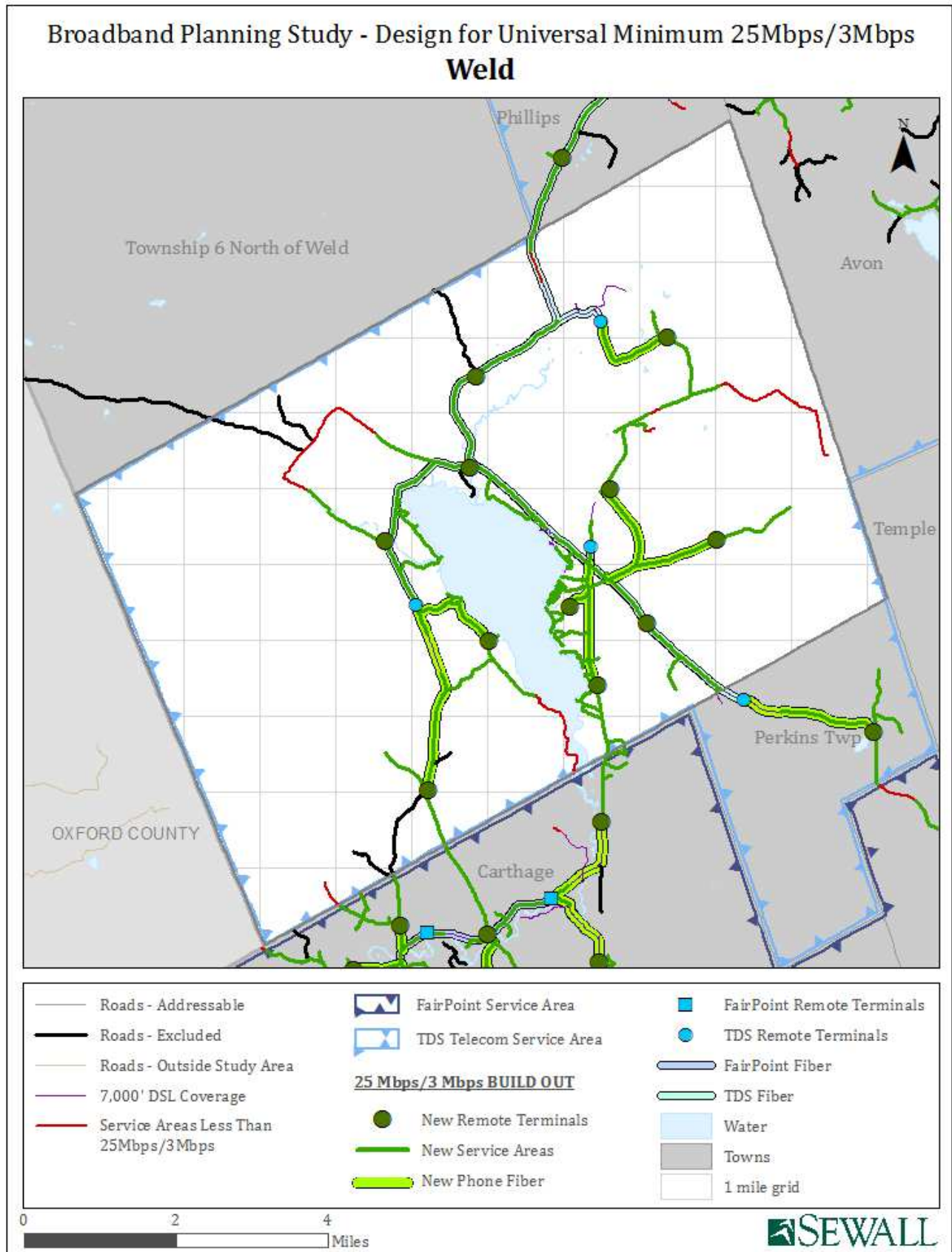
**Weld Service Areas less than 10 Mbps/1 Mbps Map 9**



## Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Weld

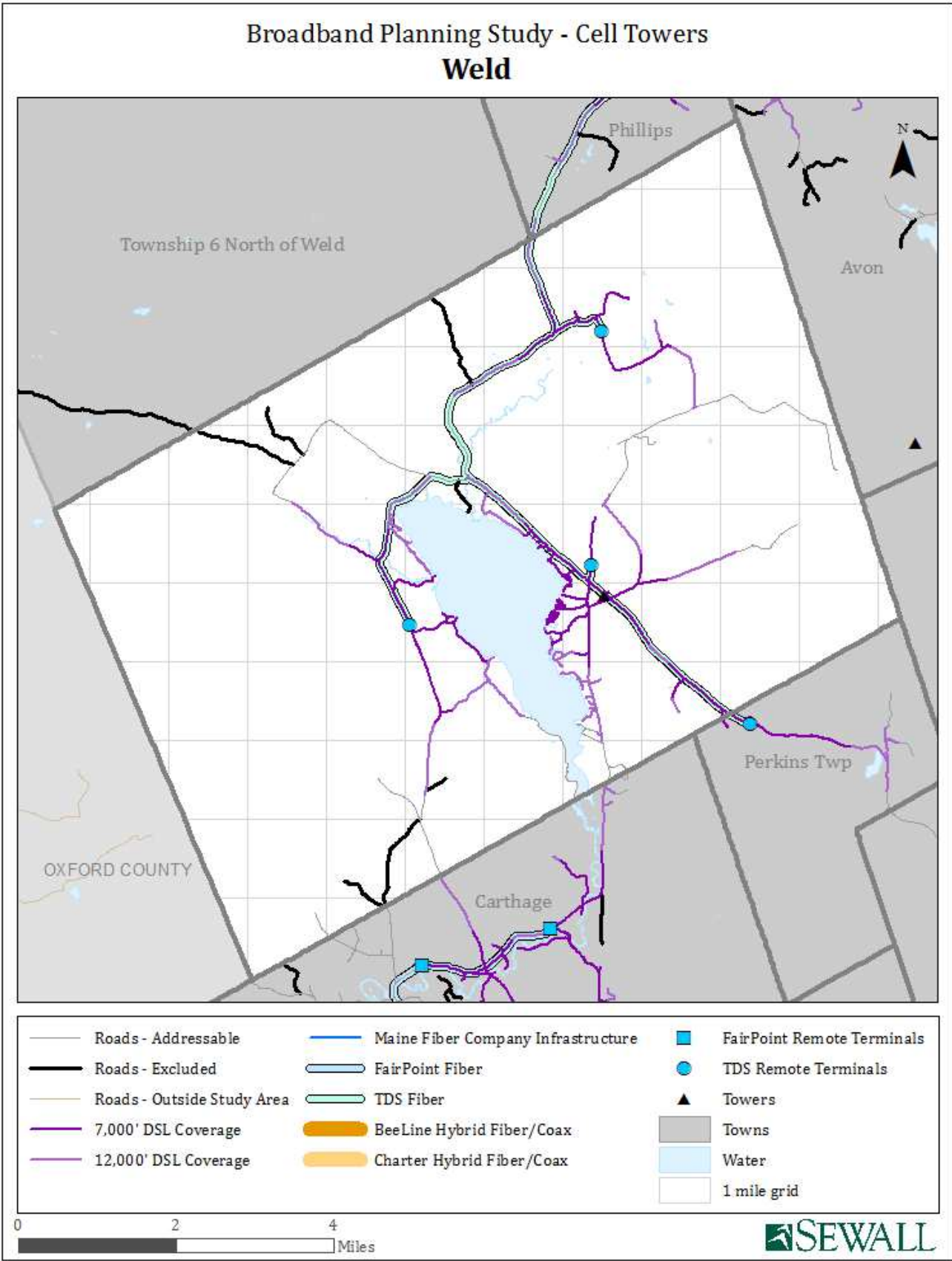


### Weld Design for Universal Minimum 25 Mbps/3 Mbps Map 11





Weld Cell Towers Map 12





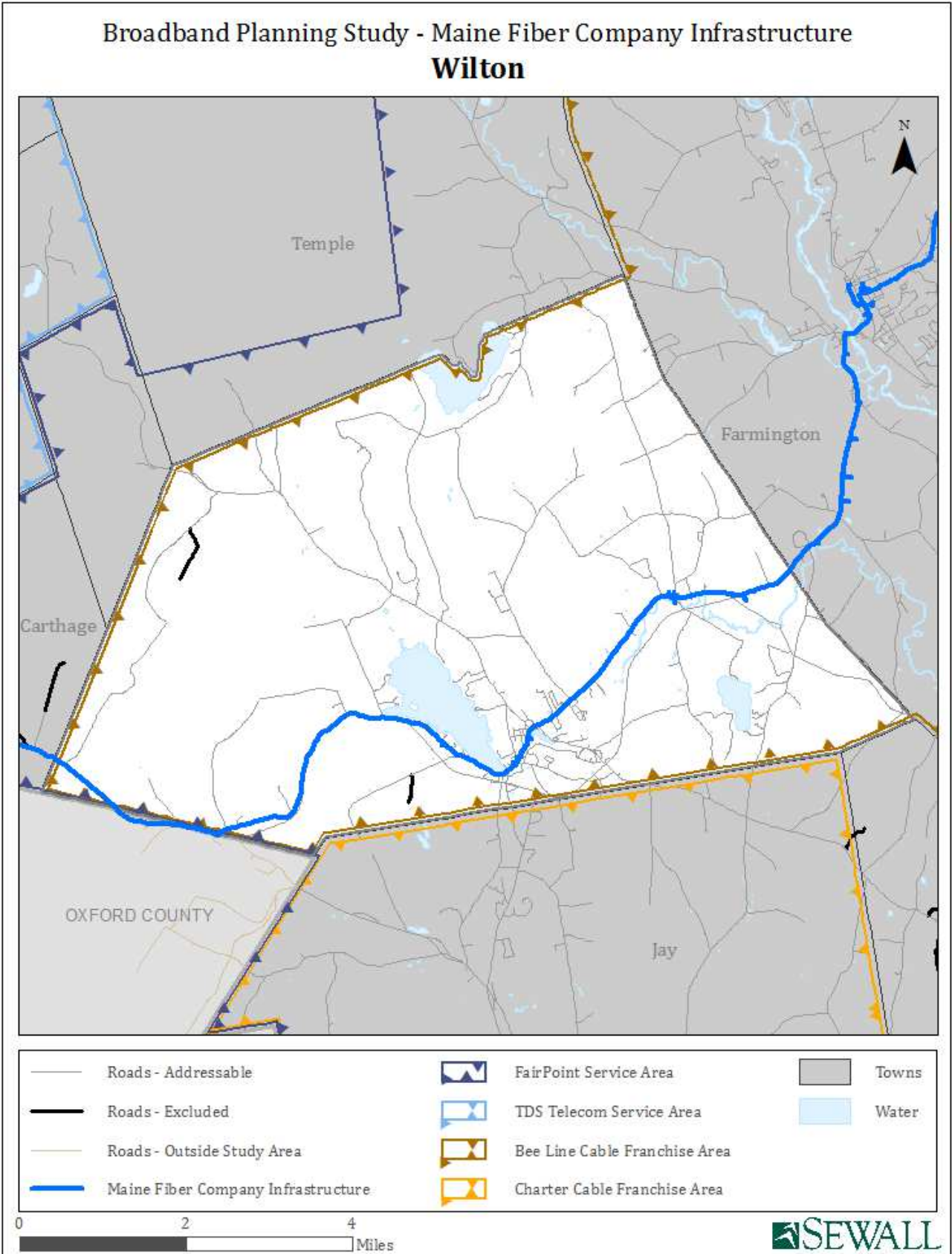
**C-36 Wilton**

**Special Considerations**

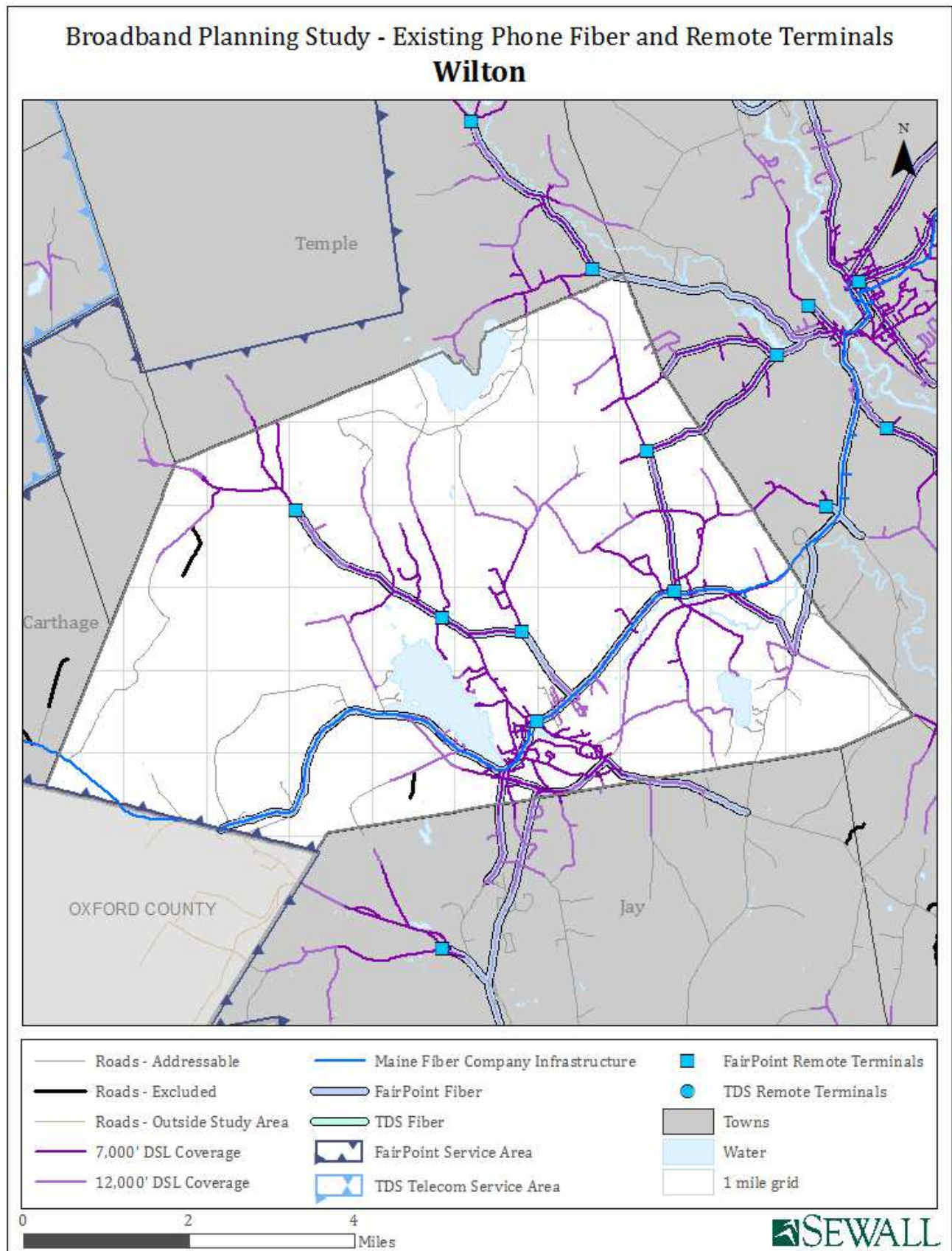
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Wilton				
Statistical Data	Cost	Unit	Wilton	Study Area Totals
911 Addresses			2,151	22,824
Total Road Mileage			107.7	1,637
Phone Fiber Mileage			19.6	336
Hybrid Fiber/Coax Mileage			54	451
1G/1G FTTP Gap Miles	\$40,000	mile	106.7	1,363
1G/1G FTTP 911 Addresses	\$ 700	sub	2,135	22,500
<i>Potential Subscribers per mile</i>			20	17
<b>Total Cost</b>			<b>\$5,761,156</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			\$2,698	<b>\$3,123</b>
<i>Per Mile</i>			\$54,011	\$51,558
10M/10M Gap Miles	\$35,000	mile	53.8	910
10M/10M Gap 911 Addresses	\$ 350	sub	507	8,351
<i>Potential Subscribers per mile</i>			9	9
<b>Total Cost</b>			<b>\$2,060,635</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			\$4,064	<b>\$4,164</b>
<i>Per Mile</i>			\$38,298	\$38,212
Potential private investment			\$970,854	\$15,955,247
Potential public subsidy			\$1,089,780	\$18,820,972
25M/3M Gap Miles			36.2	650
25M/3M Gap 911 Addresses			273	4,931
25M/3M New RT Quantity	\$25,000		22	270
25M/3M New Fiber Miles	\$25,000		18.1	182
<i>Potential Subscribers per mile</i>			8	8
<b>Total Cost</b>			\$1,003,100	\$11,305,524
<i>Per Potential Subscriber</i>			\$3,674	\$2,293
Potential private investment			\$378,391	\$4,286,572
Potential public subsidy			\$624,709	\$7,018,952
10M/1M Gap Miles			22.2	407
10M/1M Gap 911 Addresses			133	2,925
10M/1M New RT Quantity	\$25,000		6	93
10M/1M New Fiber Miles	\$25,000		6.5	74
<i>Potential Subscribers per mile</i>			6	7
<b>Total Cost</b>			\$312,634	\$4,167,973
<i>Per Potential Subscriber</i>			\$2,351	\$1,425
Potential private investment			\$93,551	\$1,497,587
Potential public subsidy			\$219,083	\$2,670,386
CAF-II Funded Locations			154	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	<b>\$15</b>	sub	\$192,150	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$70,400	\$899,395
Insurance	\$183	mile	\$19,569	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$21,333	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$26,688	\$281,250
Administration	\$30	sub	\$32,025	\$337,500
<b>Total Operating Expense</b>			<b>\$170,014</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>\$22,136</b>	<b>(\$15,689)</b>

### Wilton Maine Fiber Company Infrastructure Map D

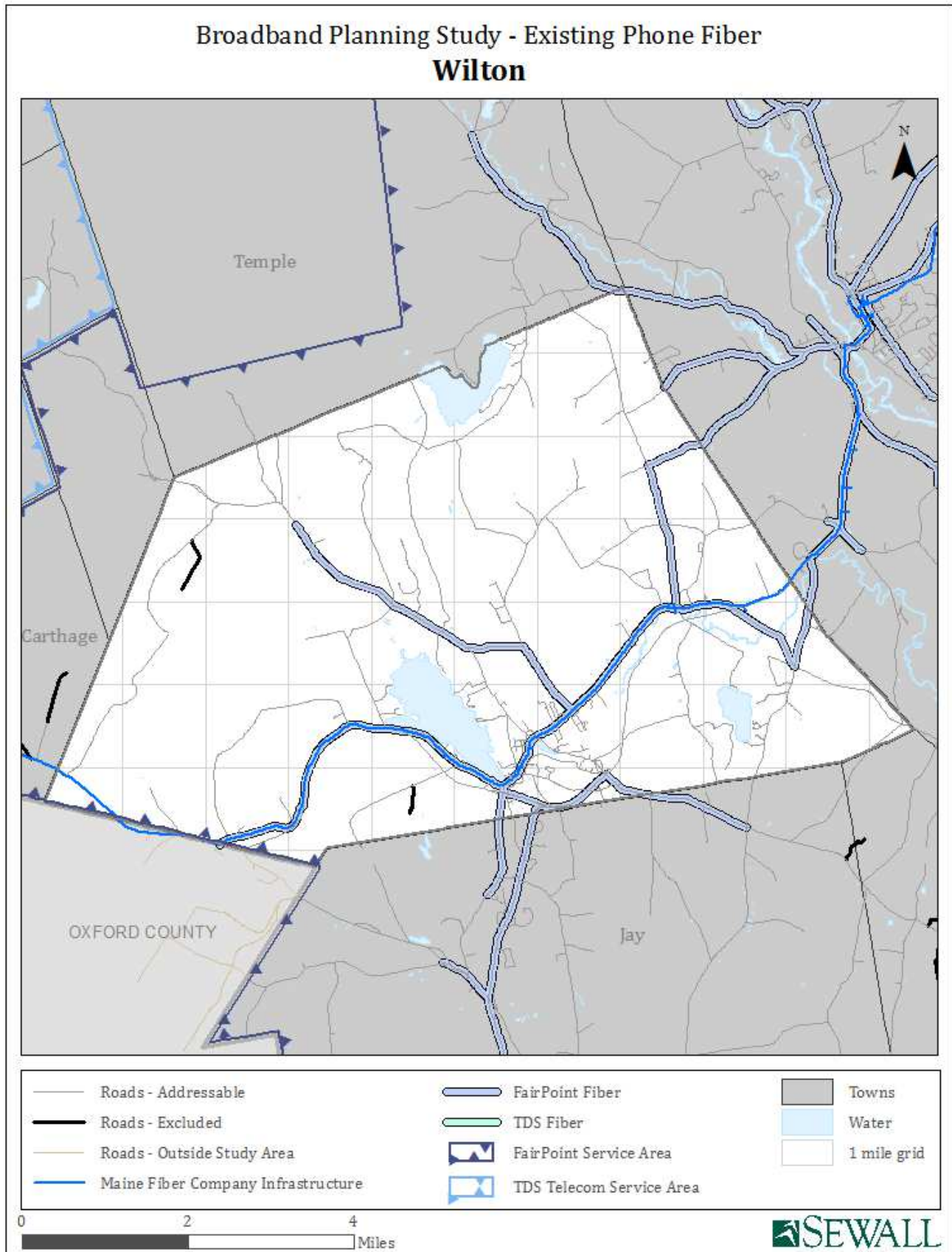


# Wilton Existing Phone Fiber & Remote Terminals Map 1

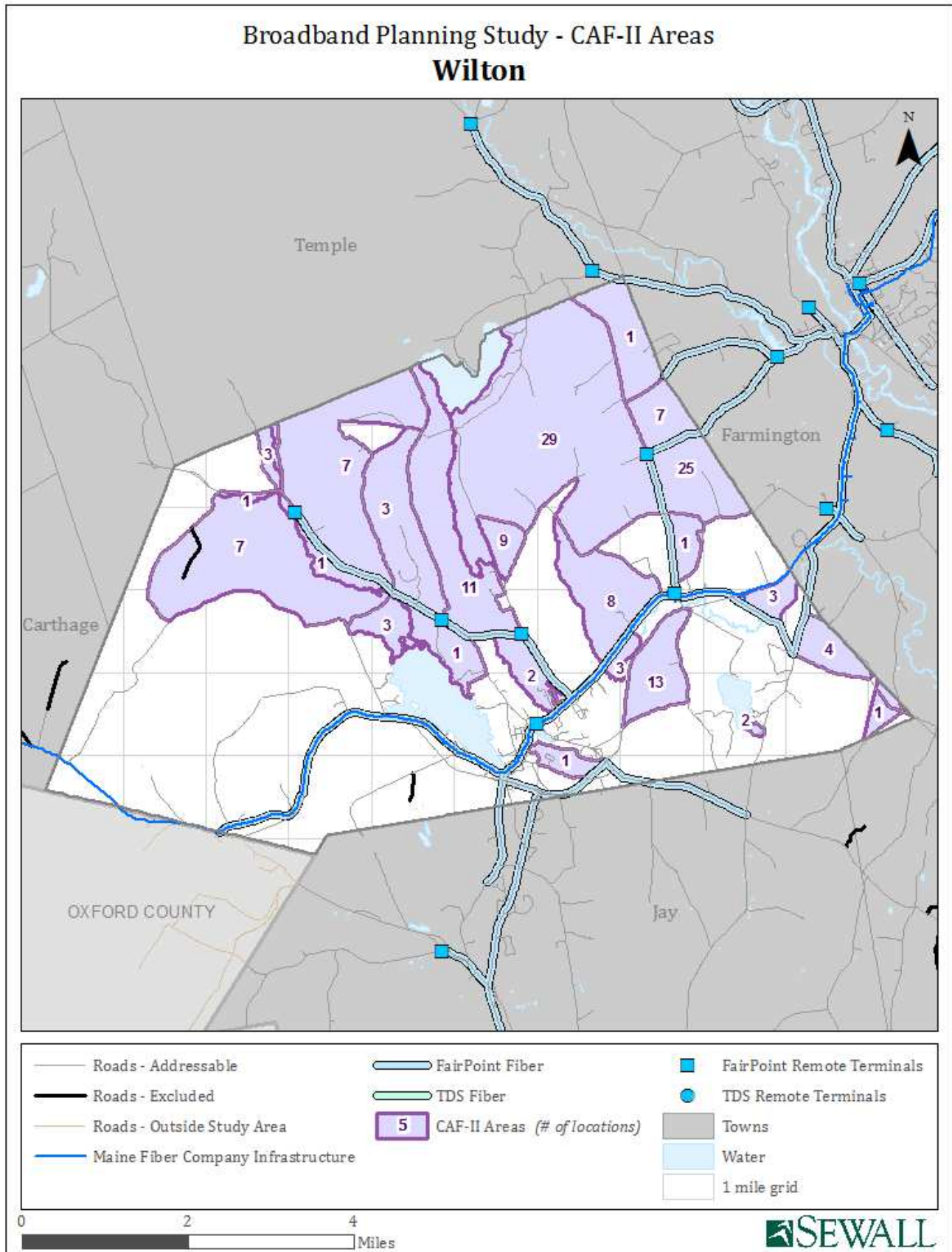




## Wilton Existing Phone Fiber Map 2

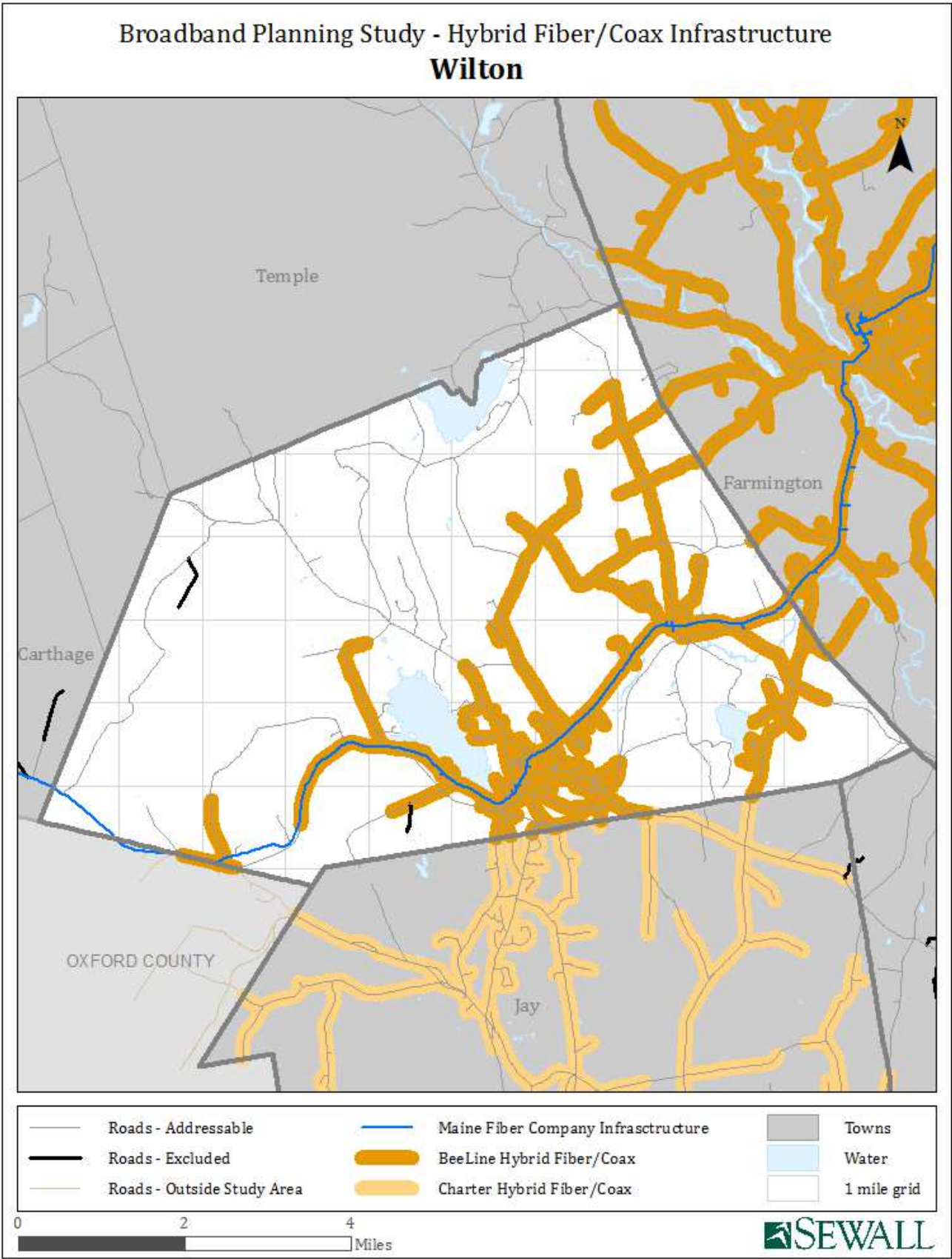


### Wilton CAF-II Map 3

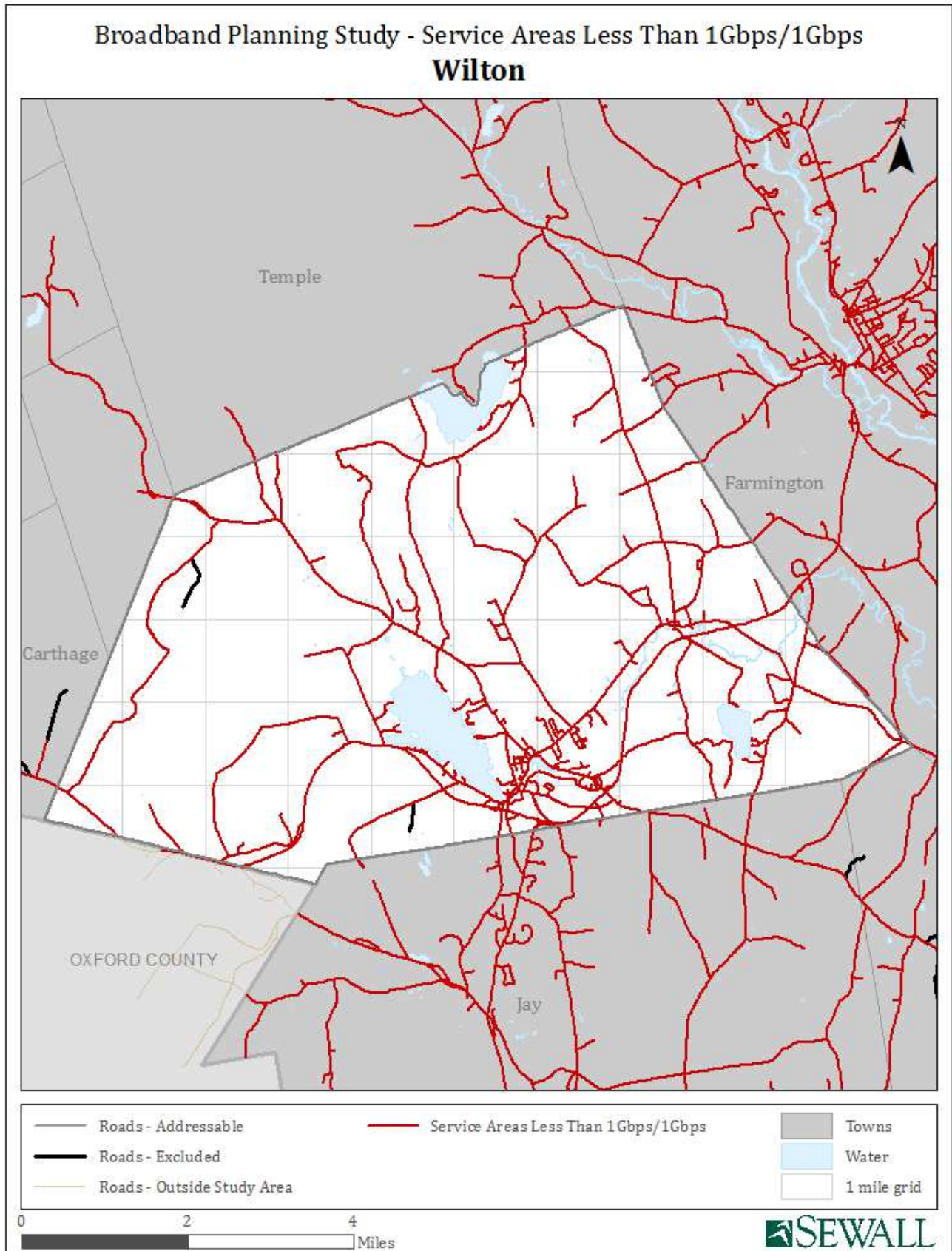




Wilton Hybrid Fiber/Coax Infrastructure Map 5

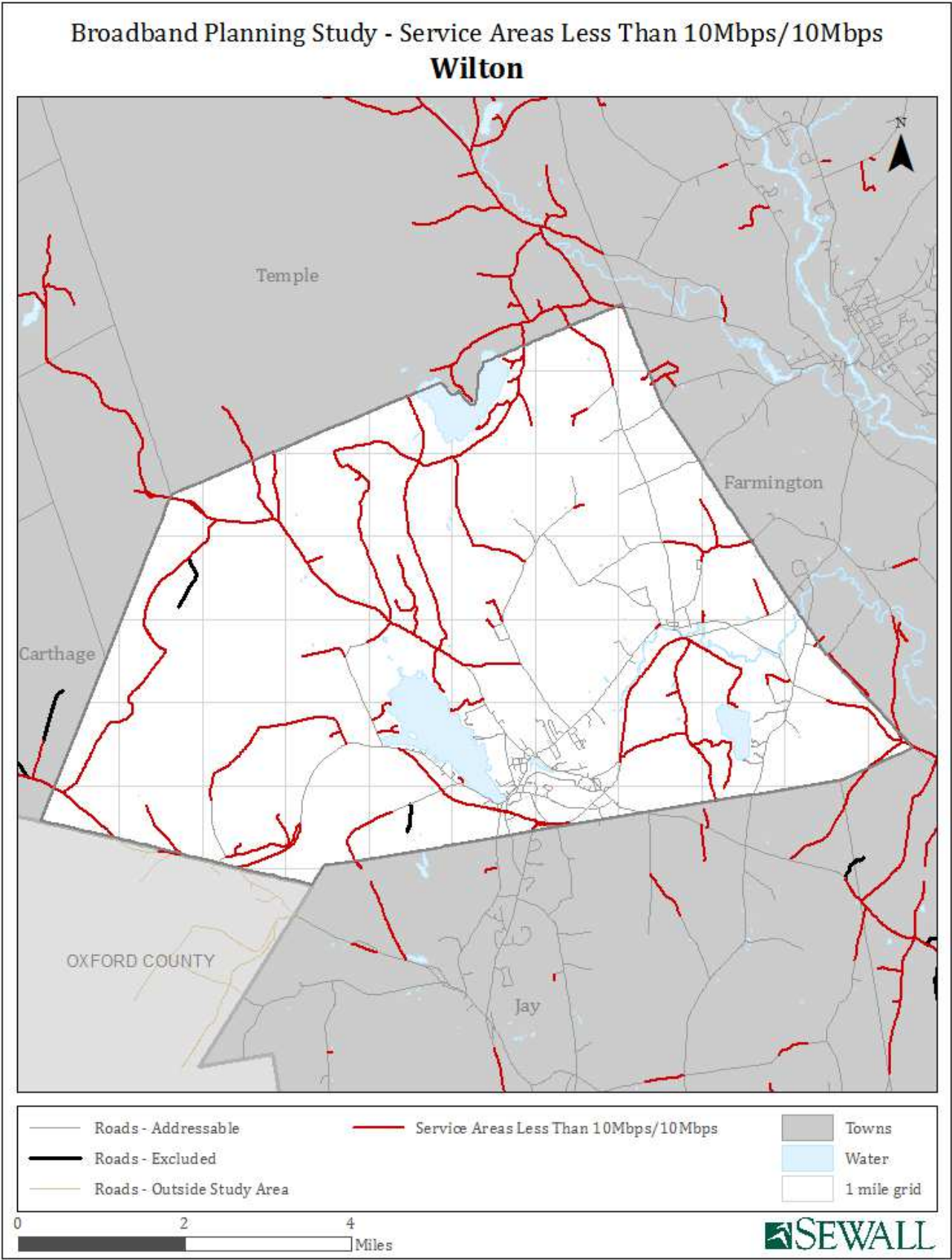


**Wilton Service Areas less than 1 Gbps/1 Gbps Map 6**

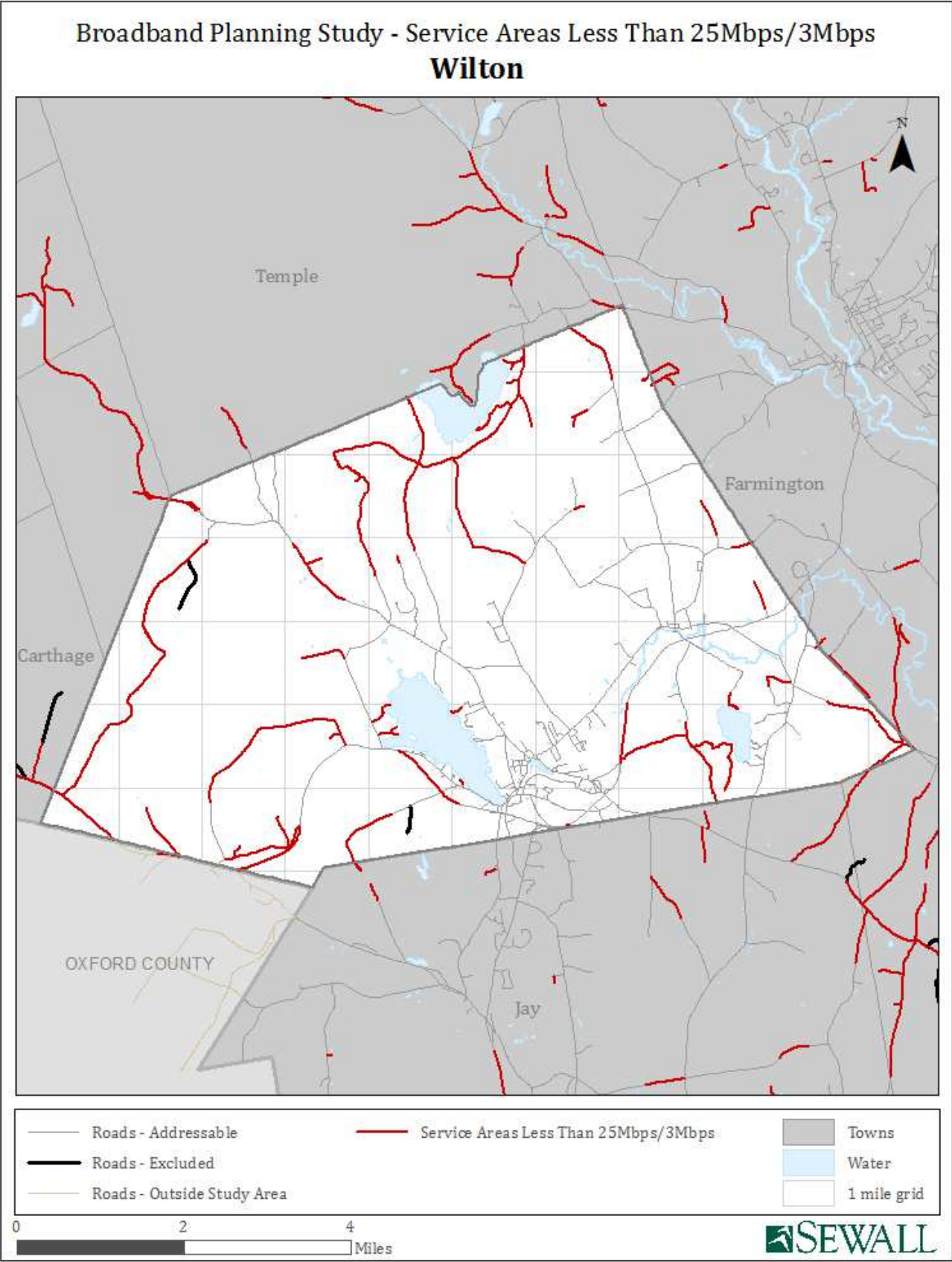




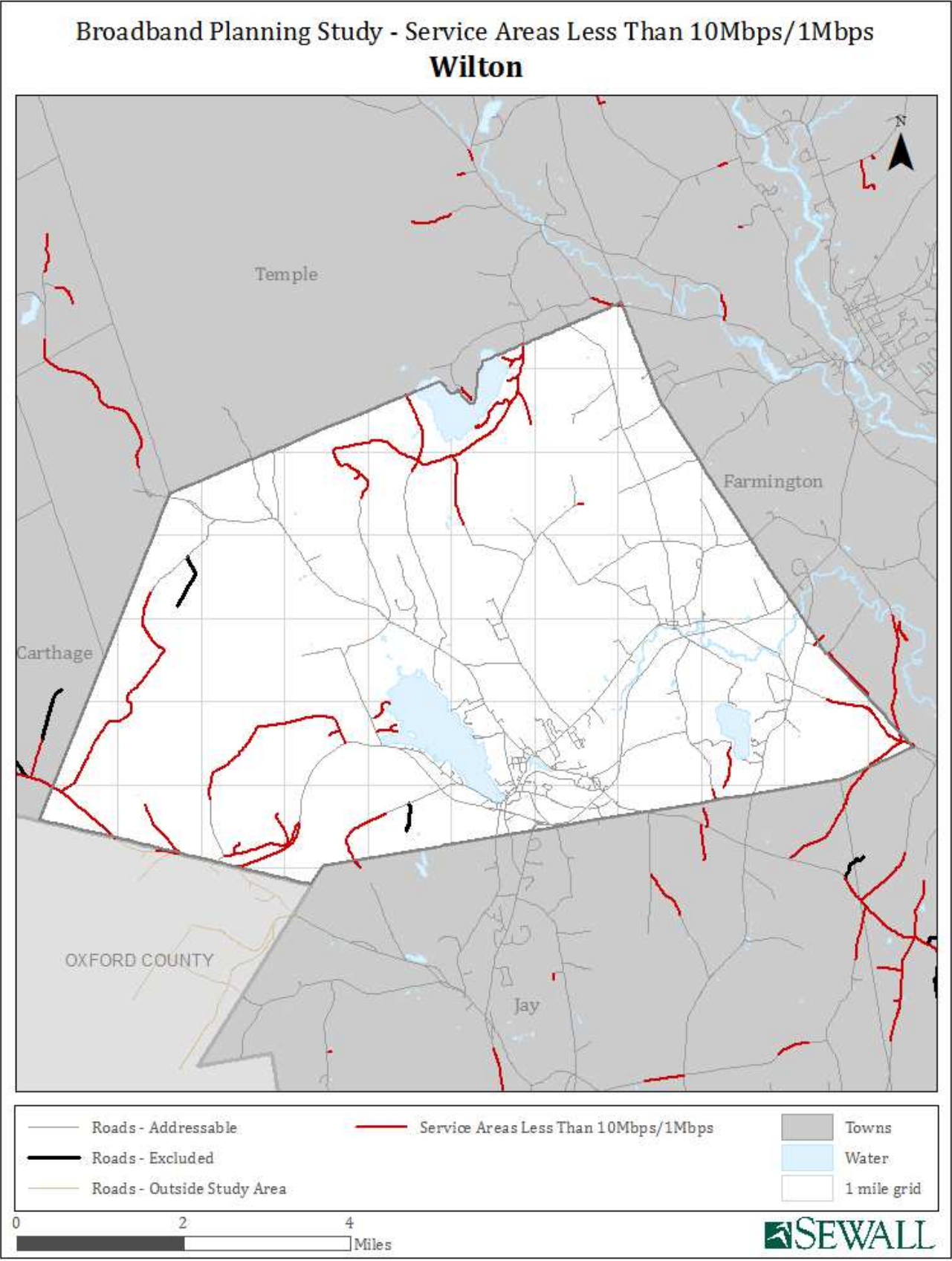
Wilton Service Areas less than 10 Mbps/10 Mbps Map 7



Wilton Service Areas less than 25 Mbps/3 Mbps Map 8



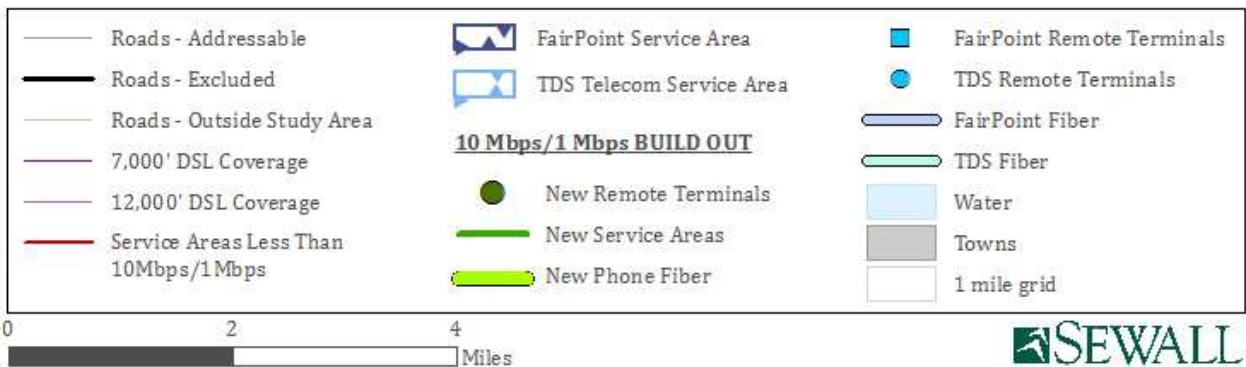
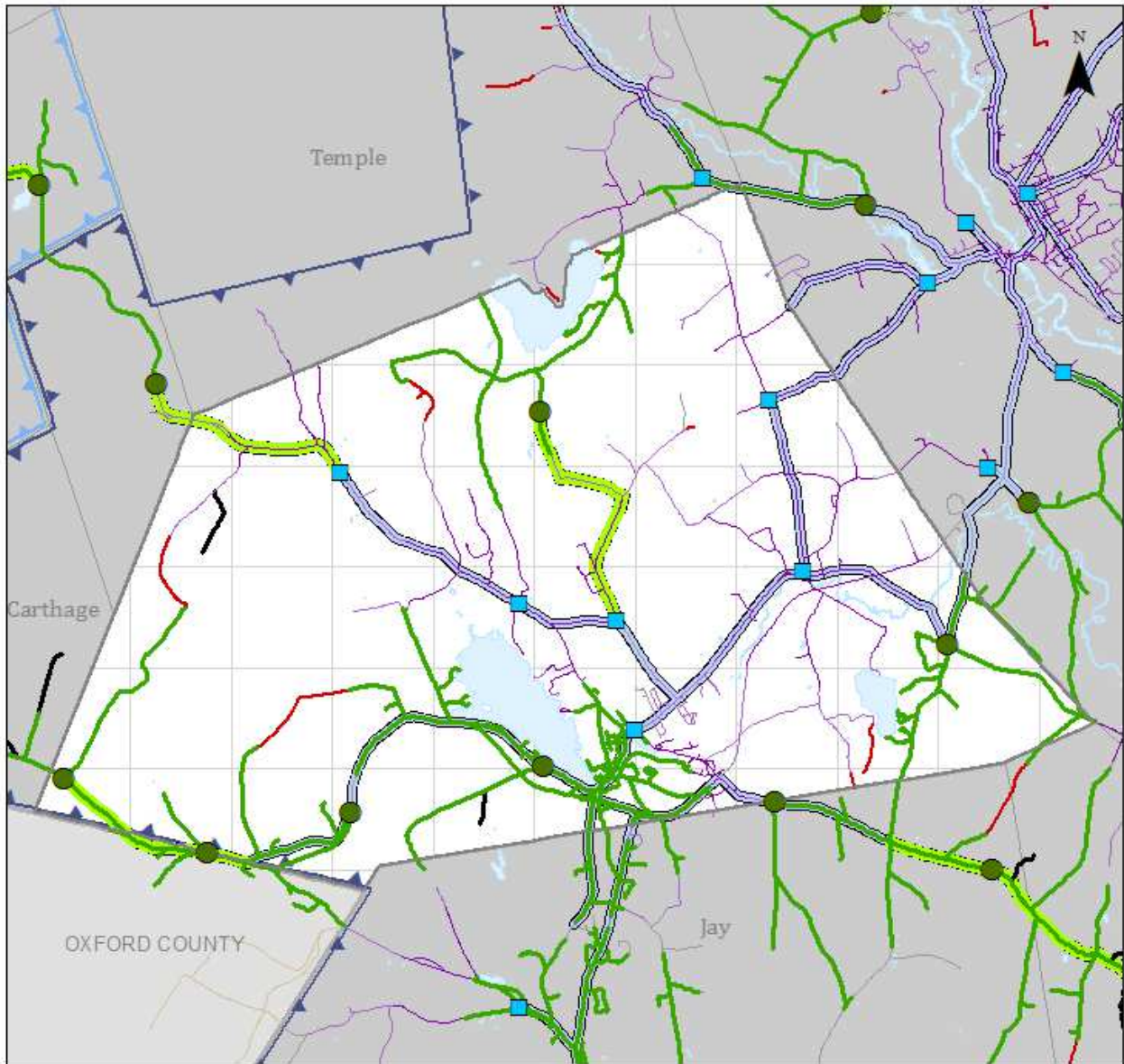
Wilton Service Areas less than 10 Mbps/1 Mbps Map 9





### Wilton Design for Universal Minimum 10 Mbps/1 Mbps Map 10

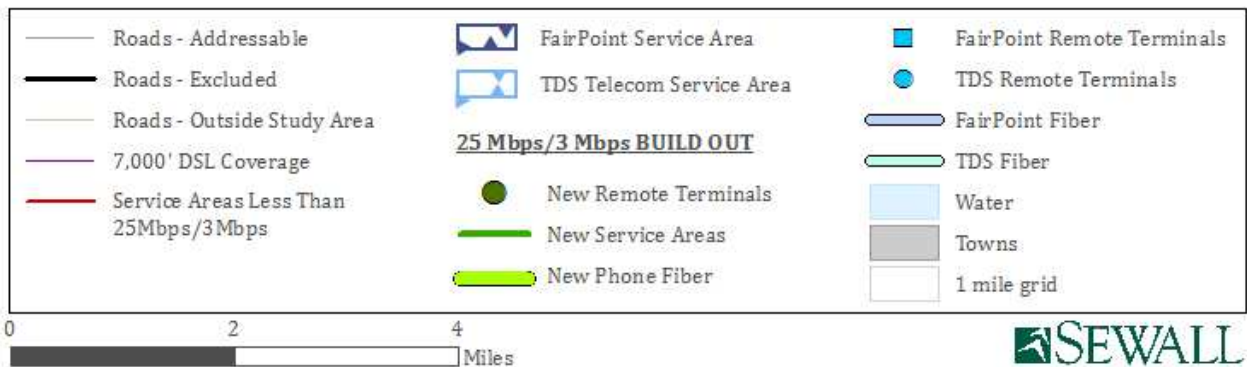
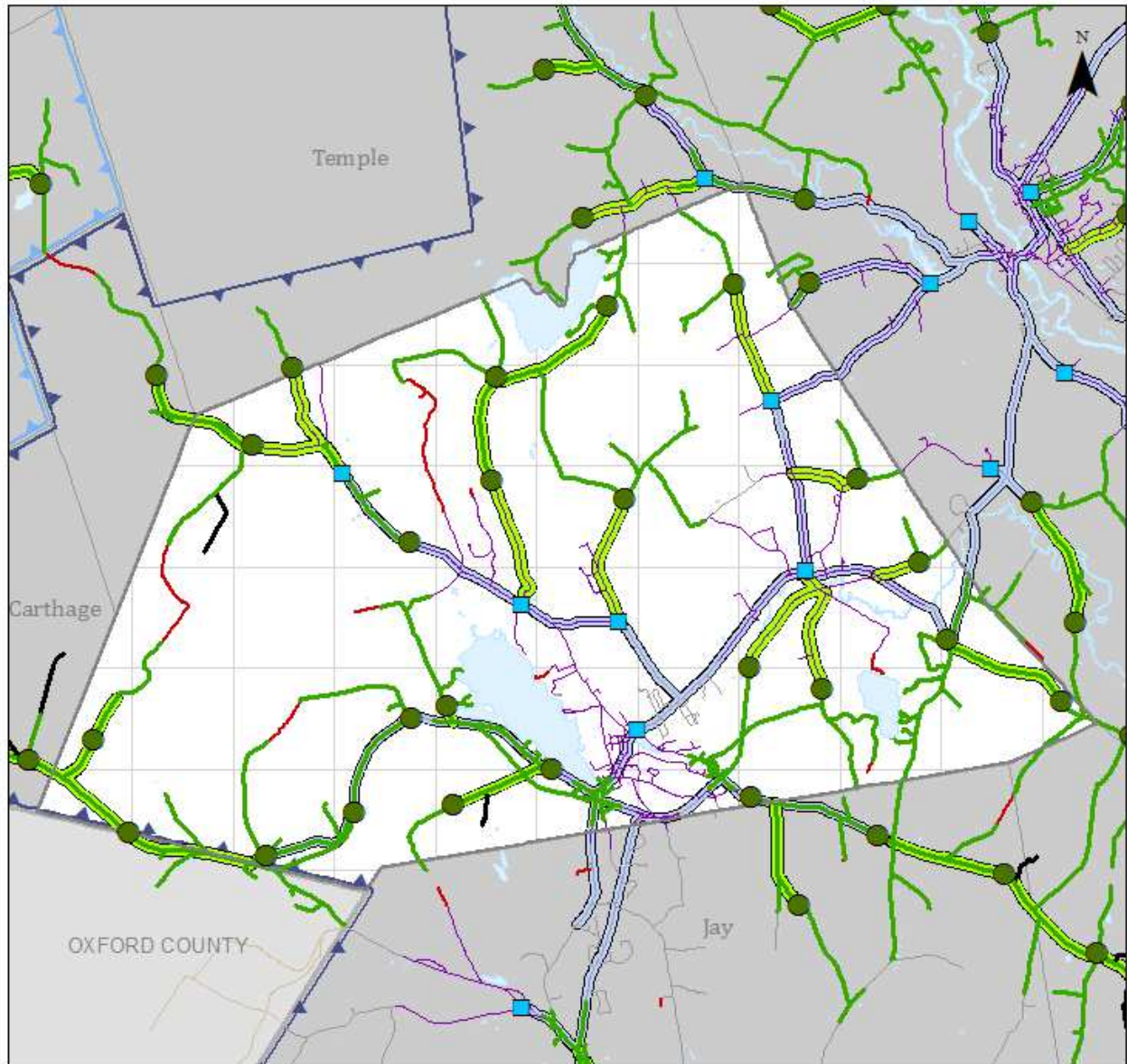
#### Broadband Planning Study - Design for Universal Minimum 10Mbps/1Mbps Wilton



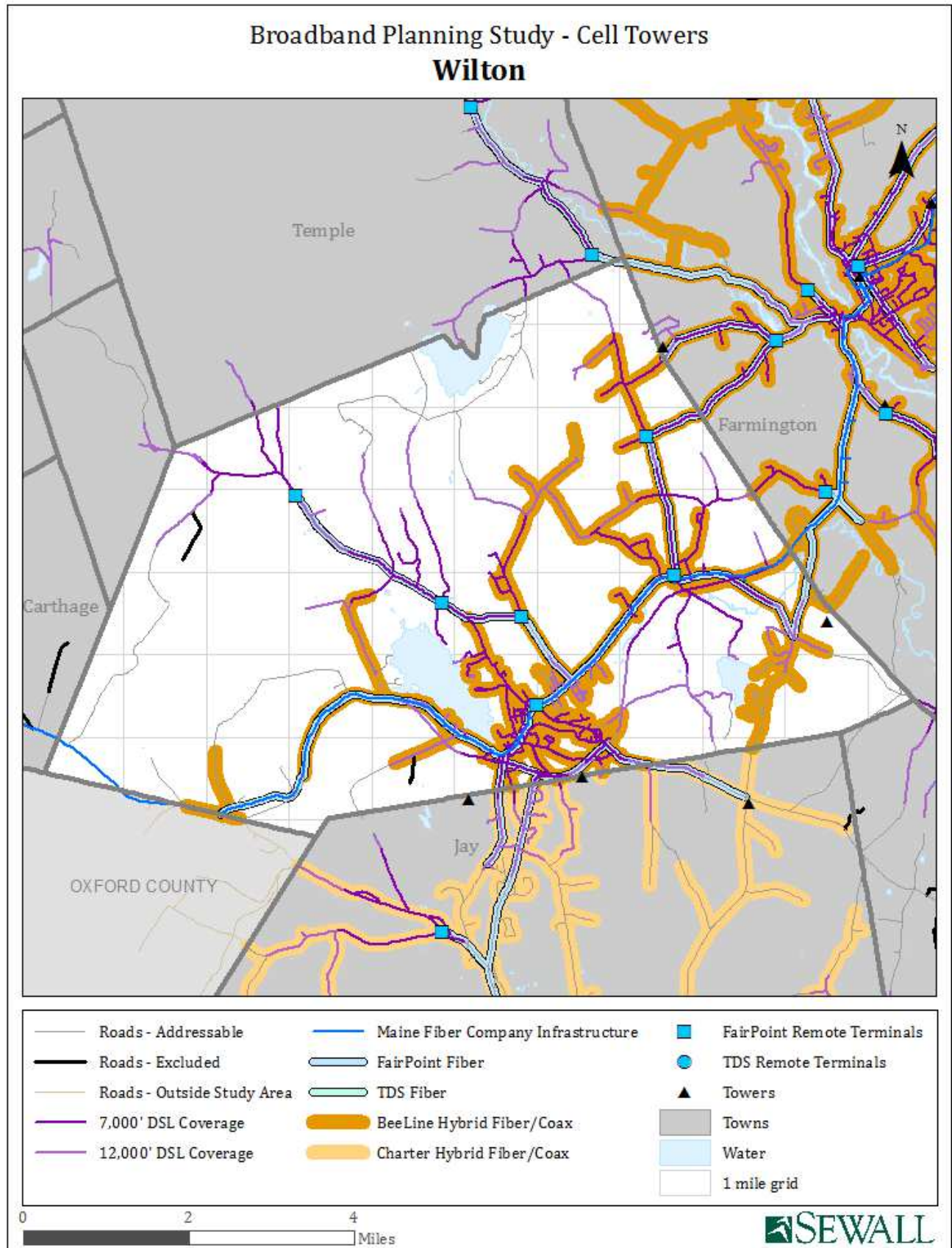


### Wilton Design for Universal Minimum 25 Mbps/3 Mbps Map 11

#### Broadband Planning Study - Design for Universal Minimum 25Mbps/3Mbps Wilton



# Wilton Cell Towers Map 12



**C-37 Wyman Twp**

**Special Considerations**

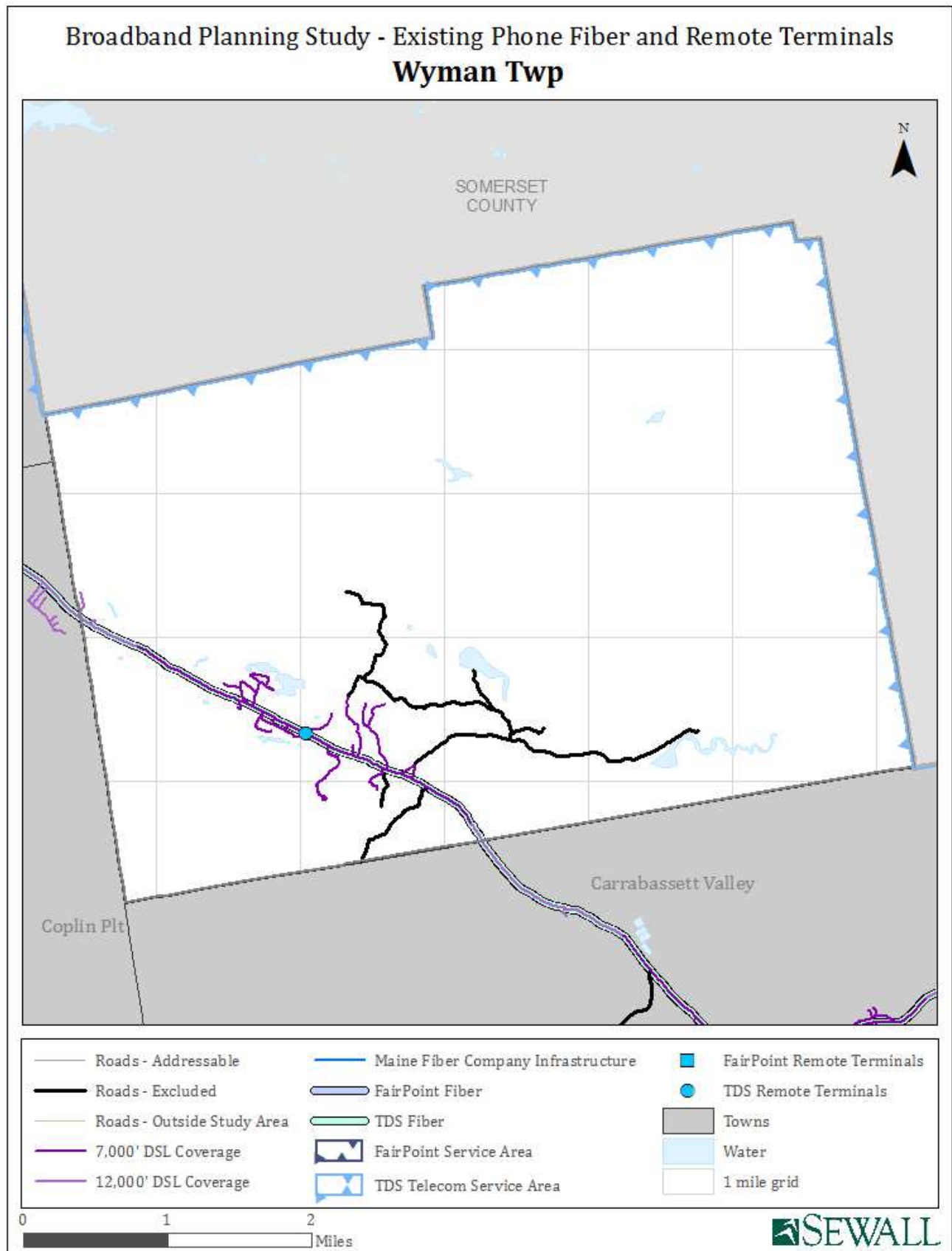
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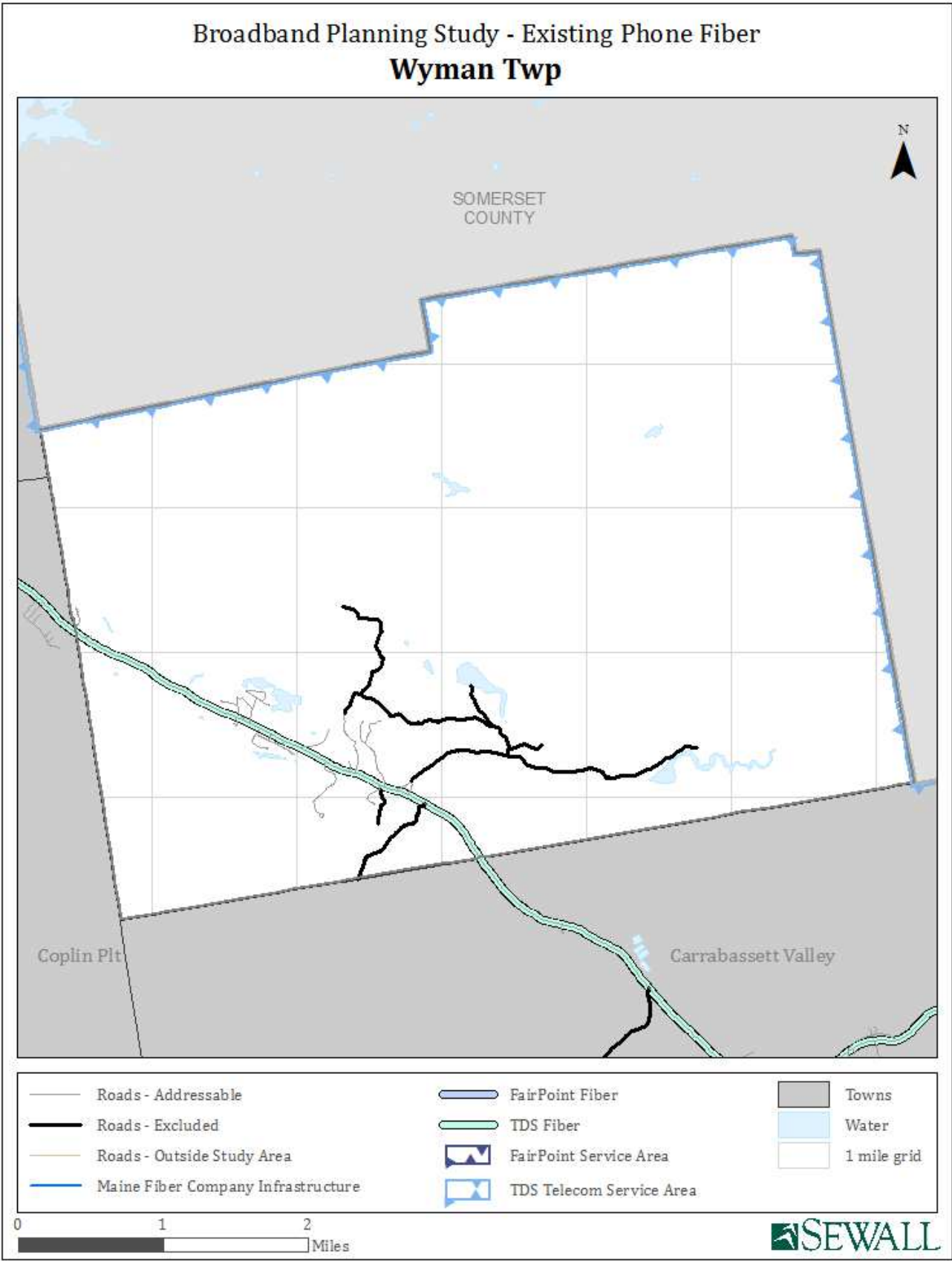
Wyman Township				
Statistical Data	Cost	Unit	Wyman Twp	Study Area Totals
911 Addresses			87	22,824
Total Road Mileage			14.1	1,637
Phone Fiber Mileage			3.3	336
Hybrid Fiber/Coax Mileage			4	451
1G/1G FTTT Gap Miles	\$40,000	mile	8.1	1,363
1G/1G FTTT 911 Addresses	\$ 700	sub	87	22,500
<i>Potential Subscribers per mile</i>			11	17
<b>Total Cost</b>			<b>\$386,086</b>	<b>\$70,258,775</b>
<i>Per Potential Subscriber</i>			<i>\$4,438</i>	<i>\$3,123</i>
<i>Per Mile</i>			<i>\$47,491</i>	<i>\$51,558</i>
10M/10M Gap Miles	\$35,000	mile	3.5	910
10M/10M Gap 911 Addresses	\$ 350	sub	28	8,351
<i>Potential Subscribers per mile</i>			8	9
<b>Total Cost</b>			<b>\$131,216</b>	<b>\$34,776,219</b>
<i>Per Potential Subscriber</i>			<i>\$4,686</i>	<i>\$4,164</i>
<i>Per Mile</i>			<i>\$37,825</i>	<i>\$38,212</i>
Potential private investment			\$52,955	\$15,955,247
Potential public subsidy			\$78,261	\$18,820,972
25M/3M Gap Miles			0.5	650
25M/3M Gap 911 Addresses			1	4,931
25M/3M New RT Quantity	\$25,000		-	270
25M/3M New Fiber Miles	\$25,000		-	182
<i>Potential Subscribers per mile</i>			2	8
<b>Total Cost</b>			\$0	\$11,305,524
<i>Per Potential Subscriber</i>			\$0	\$2,293
Potential private investment			\$0	\$4,286,572
Potential public subsidy			\$0	\$7,018,952
10M/1M Gap Miles			-	407
10M/1M Gap 911 Addresses			-	2,925
10M/1M New RT Quantity	\$25,000		-	93
10M/1M New Fiber Miles	\$25,000		-	74
<i>Potential Subscribers per mile</i>			#DIV/0!	7
<b>Total Cost</b>			\$0	\$4,167,973
<i>Per Potential Subscriber</i>			#DIV/0!	\$1,425
Potential private investment			#DIV/0!	\$1,497,587
Potential public subsidy			#DIV/0!	\$2,670,386
CAF-II Funded Locations			-	2,429
A-CAM Funded Locations			-	1,600
<b>Open-Access Dark Fiber Revenue</b>	\$15	sub	\$7,830	\$2,025,000
<b>Open-Access Dark Fiber Operating Expense</b>				
Pole / Conduit rental	\$20	pole	\$5,366	\$899,395
Insurance	\$183	mile	\$1,491	\$250,000
OSP Restoration & Maintenance	\$200	mile	\$1,626	\$272,544
Moves, Adds, Changes, Disconnects	\$25	sub	\$1,088	\$281,250
Administration	\$30	sub	\$1,305	\$337,500
<b>Total Operating Expense</b>			<b>\$10,875</b>	<b>\$2,040,689</b>
<b>Earnings Before Interest, Taxes, Depreciation &amp; Amortization (EBITDA)</b>			<b>(\$3,045)</b>	<b>(\$15,689)</b>



### Wyman Twp Existing Phone Fiber & Remote Terminals Map 1



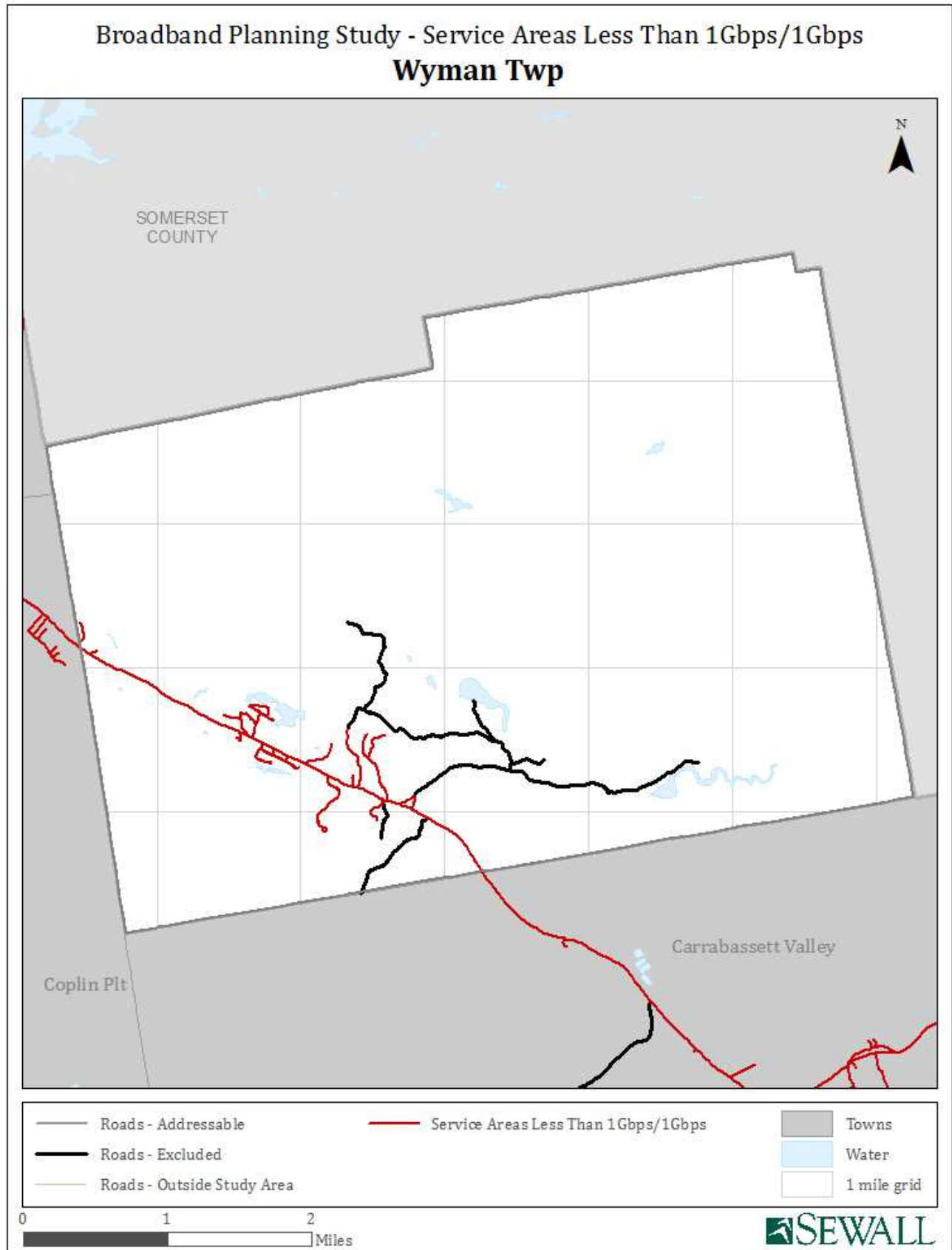
Wyman Twp Existing Phone Fiber Map 2



Wyman Twp Hybrid Fiber/Coax Infrastructure Map 5

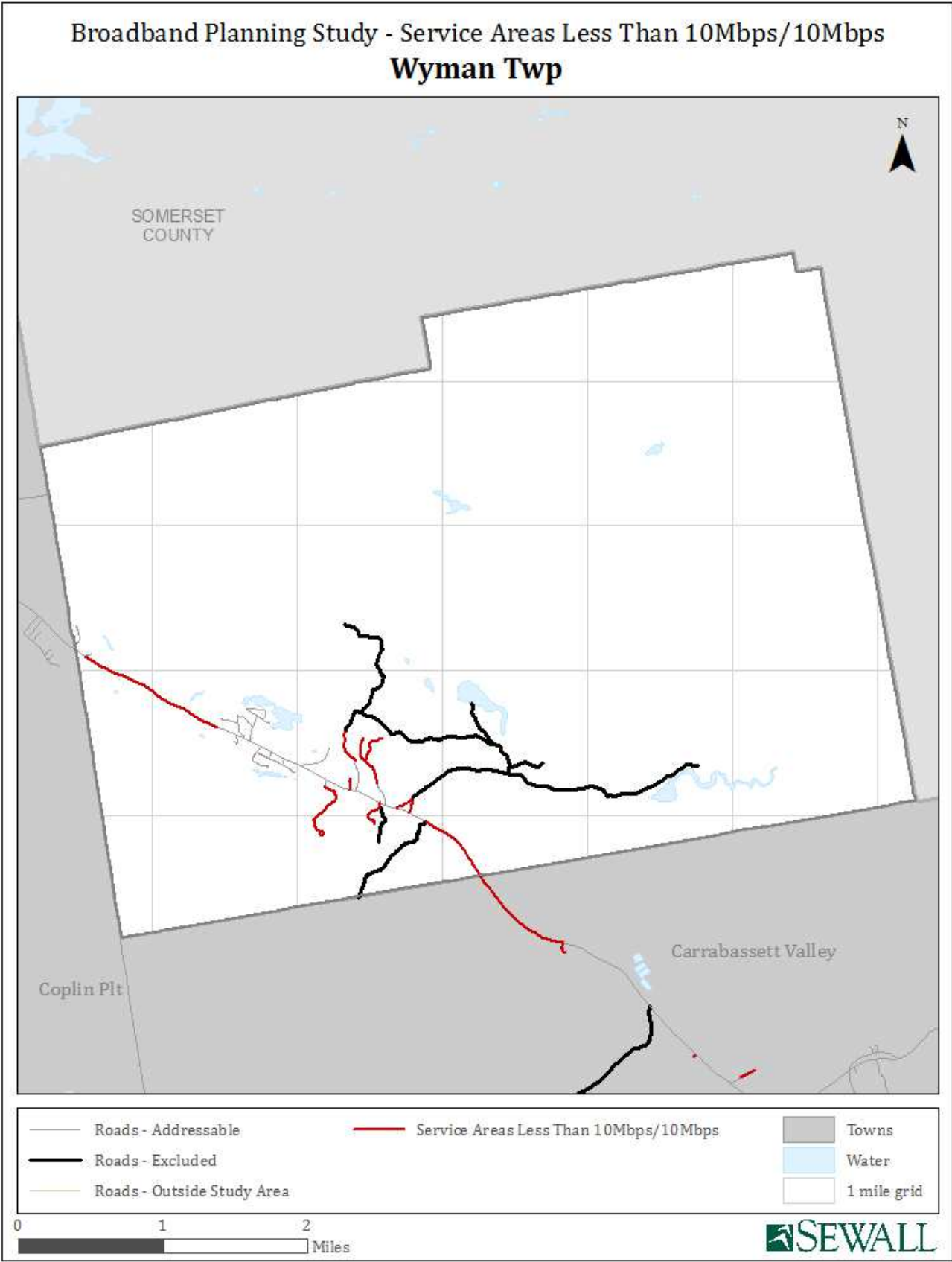


**Wyman Twp Service Areas less than 1 Gbps/1 Gbps Map 6**

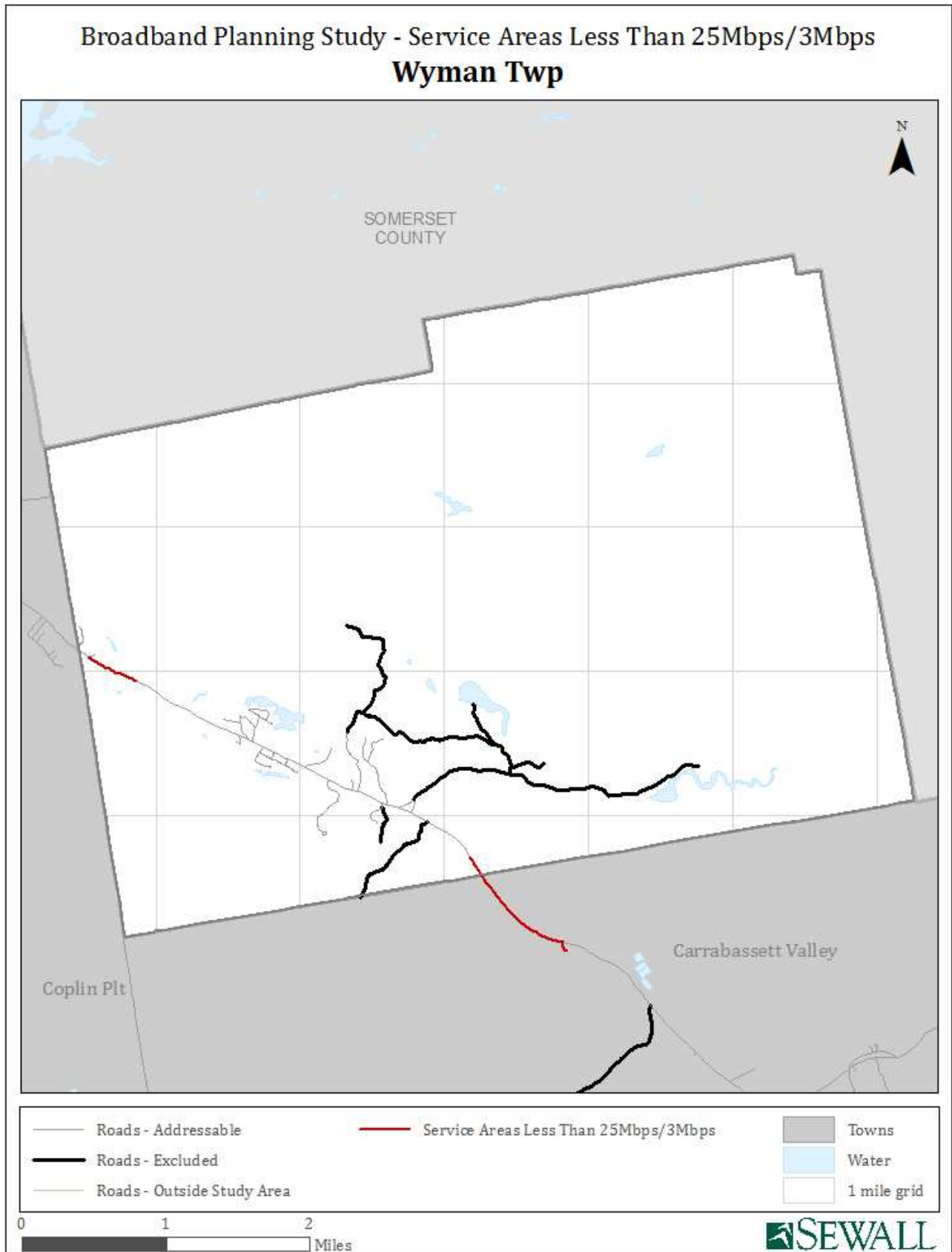




Wyman Twp Service Areas less than 10 Mbps/10 Mbps Map 7



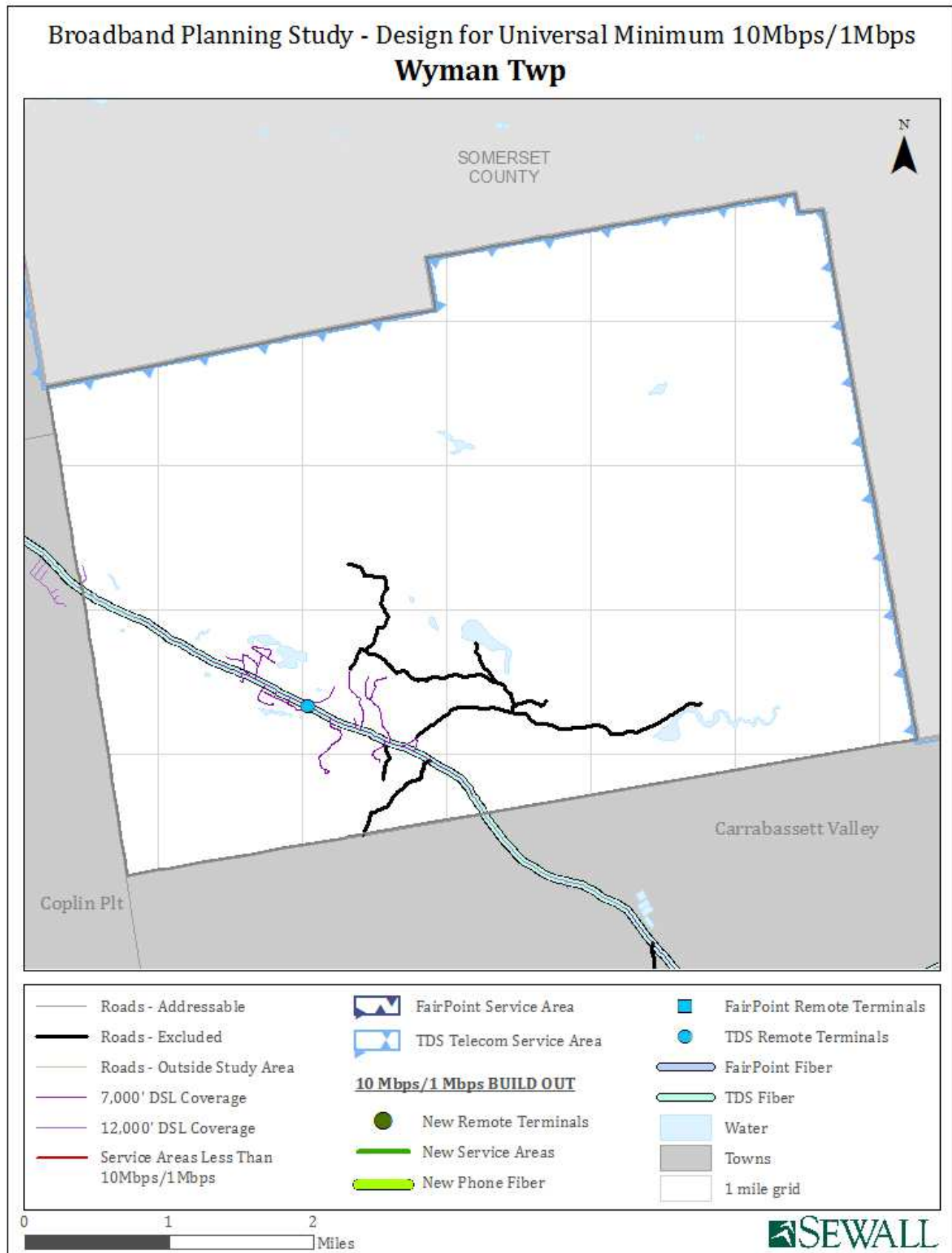
**Wyman Twp Service Areas less than 25 Mbps/3 Mbps Map 8**



Wyman Twp Service Areas less than 10 Mbps/1 Mbps Map 9

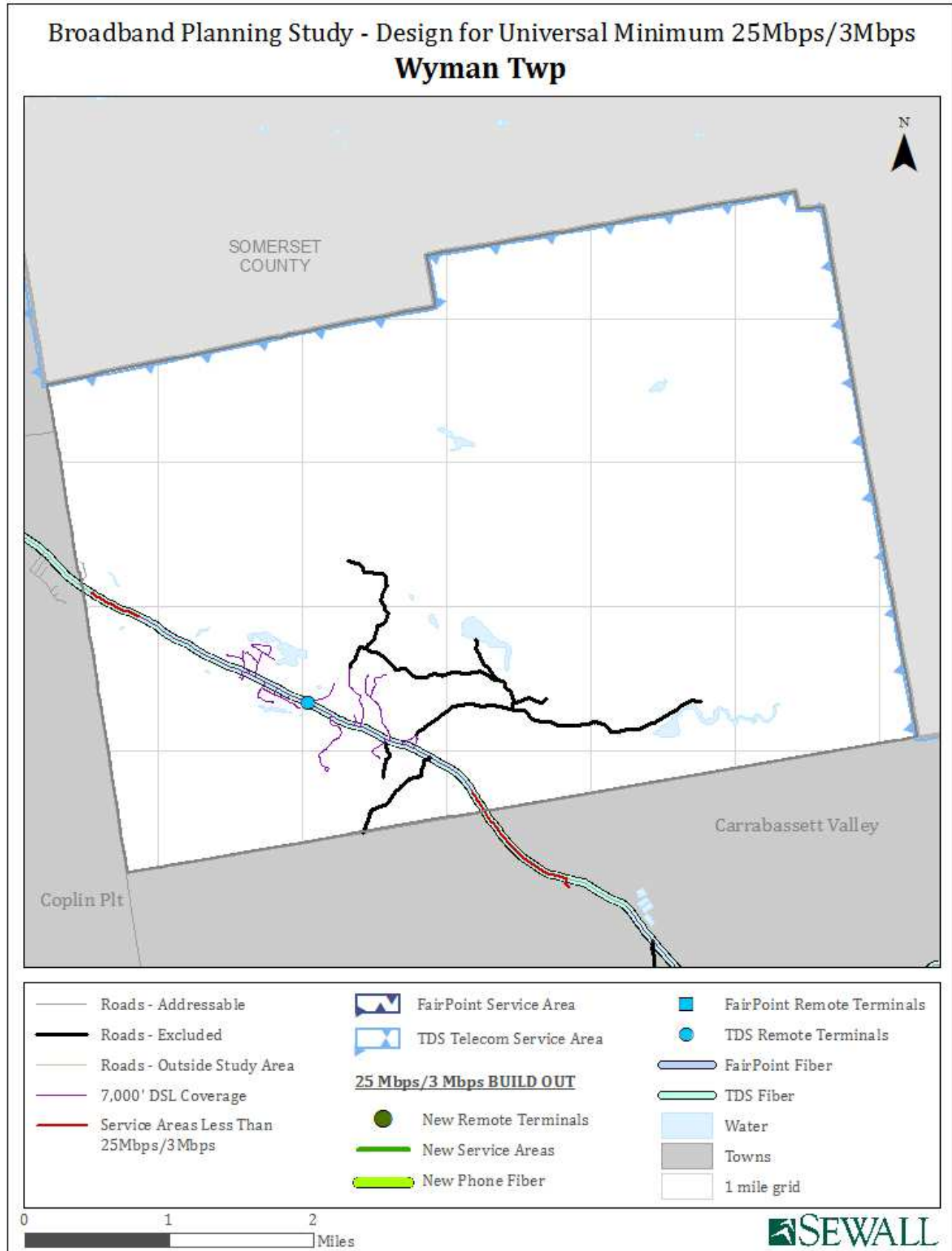


## Wyman Twp Design for Universal Minimum 10 Mbps/1 Mbps Map 10





## Wyman Twp Design for Universal Minimum 25 Mbps/3 Mbps Map 11



## Wyman Twp Cell Towers Map 12

