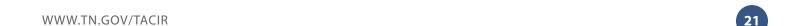
# **Building Tennessee's Tomorrow:**Anticipating the State's Infrastructure Needs

July 2016 through June 2021

### **COUNTY SUMMARIES**

The county summaries highlight the top three types of infrastructure based on total estimated cost needed in the county broken down by whether it's needed locally or at the regional level. The estimated costs for all types of infrastructure are divided between conceptual projects and those that have moved into the planning and design stage or have started construction. The infrastructure needed at public school systems is also compared to student enrollment.





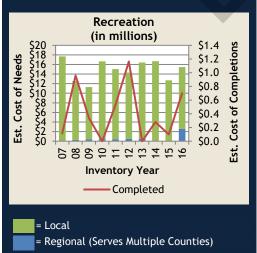
### **Anderson County**

Total Estimated Cost\* for Infrastructure Improvements \$203,616,898

# TOP 3

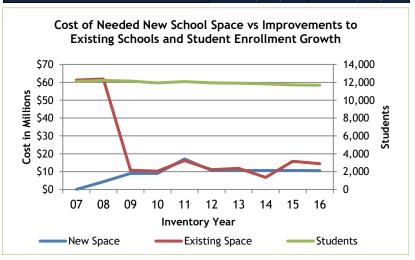






### Estimated Cost of Needed Infrastructure for Anderson County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 58,889,000	\$ 35,616,670	
Water and Wastewater	44,900,000	10,829,465	
Recreation	8,145,000	7,293,000	
School Renovations	3,975,590	10,418,608	
New Public Schools & Additions	10,500,000	-	
Community Development	4,474,000	998,359	
Law Enforcement	800,000	1,040,000	
Post-secondary Education	-	1,767,206	
Public Health Facilities	1,250,000	-	
Solid Waste	-	565,000	
Industrial Sites and Parks	500,000	-	
Other Facilities	500,000	-	
Other Utilities	-	480,000	
Public Buildings	-	425,000	
Fire Protection	250,000	-	
Broadband	-	-	
Business District Development	-	-	
Housing	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
School-System-wide	-	-	
Storm Water	-	-	
Total	\$ 134,183,590	\$ 69,433,308	

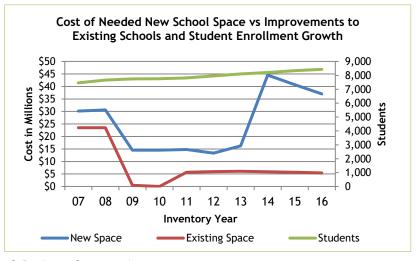


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Bedford County Total Estimated Cost\* for** Infrastructure Improvements \$267,275,054 Transportation (in millions) \$200 \$50 Cost of Completions Est. Cost of Needs \$40 \$150 \$30 \$100 \$20 \$50 \$10 \$0 0 1 2 2 4 5 4 5 4 Est. 8 Inventory Year Completed **New Public Schools & Additions** (in millions) \$50 \$20 Completions Est. Cost of Needs \$40 \$15 \$30 \$10 \$20 Cost of \$5 \$10 \$0 Est. Inventory Year Completed Water and Wastewater (in millions) \$30 \$60 of Completions Cost of Needs \$50 \$25 \$40 \$20 \$30 \$15 \$20 \$10 Cost \$10 \$5 \$0 \$0 Est. 07 08 09 09 11 11 11 14 11 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Bedford County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 71,805,000	\$ 117,722,862	
New Public Schools & Additions	17,997,192	19,000,000	
Water and Wastewater	20,800,000	2,700,000	
School Renovations	5,420,000	-	
Law Enforcement	4,900,000	-	
Fire Protection	1,200,000	1,740,000	
Other Utilities	-	2,500,000	
Recreation	440,000	1,050,000	
Broadband	-	-	
Business District Development	-	-	
Community Development	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Post-secondary Education	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 122,562,192	\$ 144,712,862	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

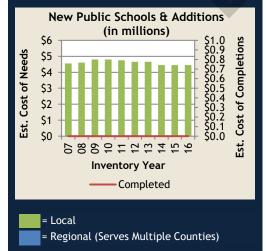
### **Benton County**

Total Estimated Cost\* for Infrastructure Improvements \$94,533,516

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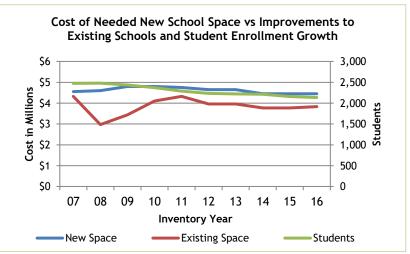






### Estimated Cost of Needed Infrastructure for Benton County Five-year period July 2016 through June 2021

				lanning & Design +
Project Type	Co	onceptual	Co	nstruction
Transportation	\$	14,982,000	\$	59,028,316
Water and Wastewater		10,000,000		-
New Public Schools & Additions		4,450,000		-
School Renovations		3,337,000		494,200
Recreation		815,000		752,000
Public Buildings		575,000		-
Other Facilities		100,000		-
Broadband		-		-
Business District Development		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Industrial Sites and Parks		-		-
Law Enforcement		-		-
Libraries, Museums, & Historic Sites		-		-
Other Education		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$	34,259,000	\$	60,274,516

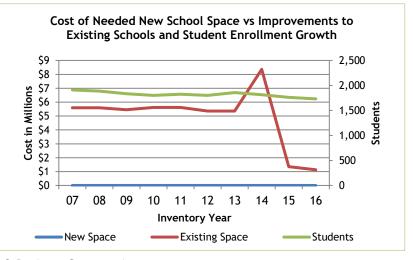


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Bledsoe County Total Estimated Cost\* for** Infrastructure Improvements \$81,495,457 Law Enforcement (in millions) \$60 \$6 Cost of Completions Est. Cost of Needs \$5 \$50 \$40 \$30 \$20 \$10 \$0 Est. 0 1 2 2 4 5 5 8 Inventory Year Completed Transportation (in millions) \$3.0 superious \$3.0 \$2.5 \$2.5 \$2.0 \$1.5 \$1.0 \$1.0 \$25 Est. Cost of Needs \$20 \$15 \$10 Cost \$5 \$0.5 \$0 **Inventory Year** Completed **Public Health Facilities** \$0.07 \$0.08 \$0.09 \$0.00 (in millions) \$109 \$87 \$55 \$54 \$51 \$0 Est. Cost of Needs 00 00 11 12 13 14 15 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Bledsoe County Five-year period July 2016 through June 2021

2		Planning &  Design +  Construction
Project Type	Conceptual	
Law Enforcement	\$ 1,000,000	\$ 39,000,000
Transportation	21,738,000	257,000
Public Health Facilities	8,000,000	1,387,657
Water and Wastewater	6,000,000	600,000
Public Buildings	-	1,877,800
School Renovations	745,000	390,000
Recreation	500,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 37,983,000	\$ 43,512,457



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

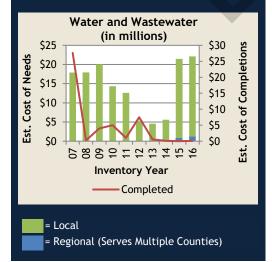
### **Blount County**

Total Estimated Cost\* for Infrastructure Improvements \$816,350,897

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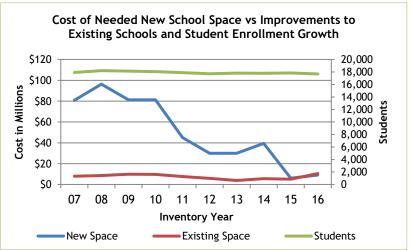






### Estimated Cost of Needed Infrastructure for Blount County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 311,603,076	\$ 420,174,134	
Recreation	22,050,000	5,929,717	
Water and Wastewater	20,050,000	2,043,300	
Post-secondary Education	10,300,000	1,400,000	
School Renovations	3,855,000	6,648,870	
New Public Schools & Additions	8,000,000	1,100,000	
Public Buildings	-	2,671,000	
Other Facilities	-	338,800	
Law Enforcement	-	120,000	
Fire Protection	67,000	-	
Broadband	-	-	
Business District Development	-	-	
Community Development	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Utilities	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 375,925,076	\$ 440,425,821	

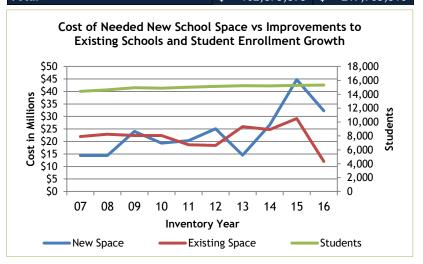


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Bradley County Total Estimated Cost\* for** Infrastructure Improvements \$320,579,414 **Transportation** (in millions) \$80 \$70 \$60 \$250 Cost of Completions Est. Cost of Needs \$200 \$50 \$40 \$150 \$100 \$50 \$0 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed **Public Health Facilities** (in millions) \$50 \$1.0 of Completions Cost of Needs \$0.8 \$40 \$30 \$0.6 \$20 \$0.4 Cost \$10 \$0.2 \$0.0 \$0 Est. 00 00 01 11 12 13 14 15 15 Inventory Year Completed New Public Schools & Additions (in millions) \$12 Cost of Completions \$50 \$45 \$40 \$35 \$35 \$25 \$15 \$50 Est. Cost of Needs \$10 \$8 \$6 \$4 \$2 Est. 07 08 09 11 11 14 15 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Bradley County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 69,867,898	\$ 108,561,263
Public Health Facilities	-	40,500,000
New Public Schools & Additions	15,875,000	16,384,500
Water and Wastewater	5,614,000	14,650,000
School-System-wide	-	16,000,000
School Renovations	4,039,000	8,010,500
Industrial Sites and Parks	-	6,000,000
Law Enforcement	-	3,000,000
Other Facilities	3,000,000	-
Community Development	2,500,000	152,280
Recreation	-	2,354,973
Post-secondary Education	-	2,090,000
Fire Protection	1,200,000	-
Libraries, Museums, & Historic Sites	780,000	-
Broadband	-	-
Business District Development	-	-
Housing	-	-
Other Education	-	-
Other Utilities	-	-
Public Buildings	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 102,875,898	\$ 217,703,516



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

# **Campbell County**

Total Estimated Cost\* for Infrastructure Improvements \$179,972,774

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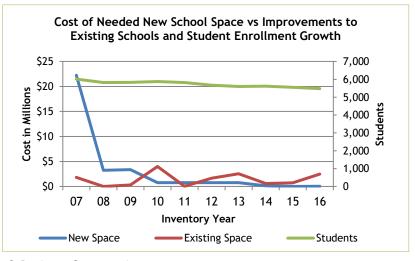






### Estimated Cost of Needed Infrastructure for Campbell County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 51,075,000	\$ 108,274,774
Water and Wastewater	4,375,000	5,933,000
Industrial Sites and Parks	2,700,000	680,000
Recreation	2,480,000	170,000
School Renovations	1,160,000	1,315,000
Fire Protection	700,000	-
Other Utilities	-	600,000
Storm Water	-	360,000
Community Development	100,000	-
New Public Schools & Additions	-	50,000
Broadband	-	-
Business District Development	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 62,590,000	\$ 117,382,774

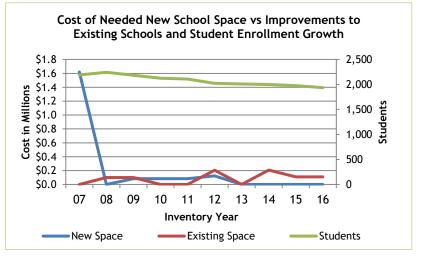


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Cannon County Total Estimated Cost\* for** Infrastructure Improvements \$93,033,341 **Transportation** (in millions) \$100 \$6 Cost of Completions Est. Cost of Needs \$5 \$80 \$4 \$60 \$3 \$40 \$20 \$0 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$0.6 Completions Est. Cost of Needs \$6 \$0.5 \$5 \$4 \$0.4 \$0.3 \$3 \$0.2 ₽ \$2 Cost \$1 \$0.1 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$3.5 1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 Cost of Completions \$3.0 Cost of Needs \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Est. 00 00 00 00 11 11 11 11 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Cannon County Five-year period July 2016 through June 2021

	_		Planning &  Design +  Construction	
Project Type		Conceptual		
Transportation		433,000	\$	490,310
Water and Wastewater	6,0	000,000		-
Industrial Sites and Parks	3,0	000,000		-
School Renovations		-		110,031
Broadband		-		-
Business District Development		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Law Enforcement		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
Recreation		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$ 92,4	433,000	\$	600,341



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

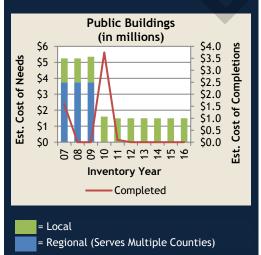
### **Carroll County**

Total Estimated Cost\* for Infrastructure Improvements \$114,564,026

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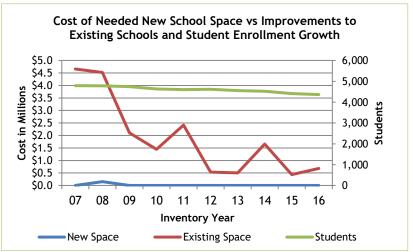






### Estimated Cost of Needed Infrastructure for Carroll County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 44,303,000	\$ 62,245,026	
Water and Wastewater	2,933,000	-	
Public Buildings	1,500,000	-	
Recreation	1,225,000	76,000	
School Renovations	578,000	105,000	
Storm Water	500,000	-	
Fire Protection	400,000	-	
Other Facilities	375,000	-	
Law Enforcement	-	324,000	
Broadband	-	-	
Business District Development	-	-	
Community Development	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
New Public Schools & Additions	-	-	
Other Education	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Total	\$ 51,814,000	\$ 62,750,026	

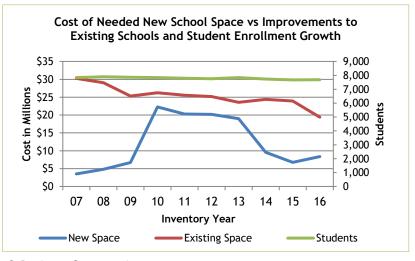


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Carter County Total Estimated Cost\* for** Infrastructure Improvements \$201,710,909 **Transportation** (in millions) \$200 \$80 \$70 \$60 Cost of Completions Est. Cost of Needs \$150 \$50 \$40 \$100 \$50 \$0 Est. 5 1 2 2 4 5 5 8 Inventory Year Completed Recreation (in millions) \$35 Cost of Completions \$1.4 \$1.2 \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 Est. Cost of Needs \$30 \$25 \$20 \$15 \$10 \$5 00 00 11 13 15 15 15 **Inventory Year** Completed Water and Wastewater (in millions) \$80 \$20 \$18 \$16 \$12 \$10 \$56 \$4 \$2 \$0 Est. Cost of Completions \$70 \$60 Cost of Needs \$50 \$40 \$30 \$20 \$10 00 00 00 11 11 11 11 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Carter County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 84,201,000	\$ 28,651,481	
Recreation	6,575,000	21,224,800	
Water and Wastewater	19,654,566	1,261,364	
School Renovations	16,809,214	2,613,784	
New Public Schools & Additions	6,795,000	1,566,000	
Law Enforcement	-	2,700,000	
Housing	2,550,000	-	
Fire Protection	2,250,000	-	
Libraries, Museums, & Historic Sites	1,400,000	111,700	
Public Health Facilities	1,000,000	-	
Solid Waste	950,000	-	
Industrial Sites and Parks	697,000	-	
<b>Business District Development</b>	-	500,000	
Public Buildings	200,000	-	
Broadband	-	-	
Community Development	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
School-System-wide	-	-	
Storm Water	-	-	
Total	\$ 143,081,780	\$ 58,629,129	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

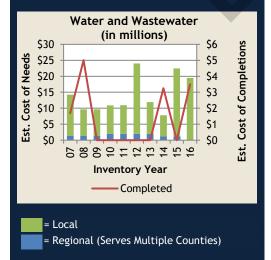
### **Cheatham County**

Total Estimated Cost\* for Infrastructure Improvements \$199,011,788

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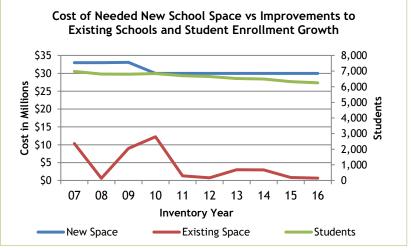






### Estimated Cost of Needed Infrastructure for Cheatham County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 42,838,000	\$ 67,653,434
New Public Schools & Additions	30,000,000	-
Water and Wastewater	17,250,000	2,207,000
Public Buildings	13,600,000	-
Law Enforcement	-	12,000,000
Recreation	6,145,295	2,498,059
Industrial Sites and Parks	2,100,000	-
Libraries, Museums, & Historic Sites	1,000,000	-
School Renovations	300,000	370,000
Business District Development	500,000	-
Fire Protection	300,000	-
Storm Water	200,000	-
Other Facilities	50,000	-
Broadband	-	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 114,283,295	\$ 84,728,493

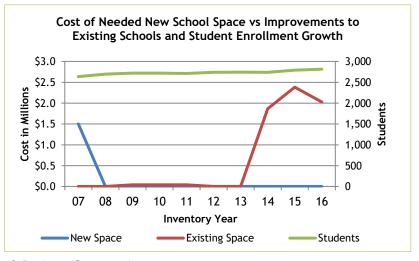


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Chester County Total Estimated Cost\* for** Infrastructure Improvements \$46,198,542 Transportation (in millions) \$35 Est. Cost of Needs \$30 \$25 \$20 \$15 \$10 \$5 00 0 1 1 2 1 2 2 5 1 5 1 5 1 5 1 5 1 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$14 \$0.5 of Completions Est. Cost of Needs \$12 \$0.4 \$10 \$0.3 \$8 \$6 \$0.2 \$4 \$0.1 \$2 \$0.0 00 00 11 13 15 15 15 15 Inventory Year Completed Recreation (in millions) \$7 \$1.2 Est. Cost of Completions \$6 Est. Cost of Needs \$1.0 \$5 \$4 \$3 \$2 \$1 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 00 00 00 11 11 11 15 15 16 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Chester County Five-year period July 2016 through June 2021

			Planning & Design +	
Project Type	Conceptual		Construction	
Transportation	\$	27,047,000	\$	3,282,942
Water and Wastewater		6,900,000		250,000
Recreation		1,510,000		3,845,000
School Renovations		1,768,600		260,000
Other Facilities		1,335,000		-
Broadband		-		-
Business District Development		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Industrial Sites and Parks		-		-
Law Enforcement		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$	38,560,600	\$	7,637,942



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

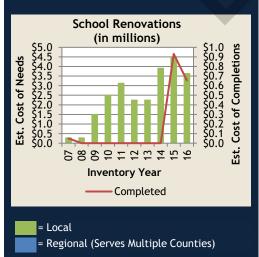
# **Claiborne County**

Total Estimated Cost\* for Infrastructure Improvements \$96,350,357

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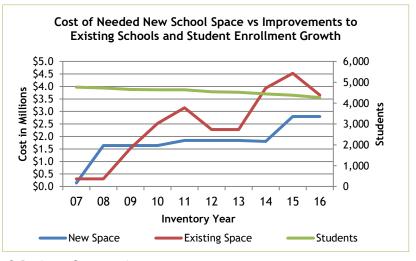






### Estimated Cost of Needed Infrastructure for Claiborne County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 27,911,000	\$ 43,024,530	
Water and Wastewater	10,903,365	2,321,386	
School Renovations	2,976,000	683,000	
Recreation	-	3,257,821	
New Public Schools & Additions	2,800,000	-	
Post-secondary Education	780,000	-	
Law Enforcement	610,000	-	
Business District Development	-	583,255	
Public Buildings	500,000	-	
Broadband	-	-	
Community Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 46,480,365	\$ 49,869,992	

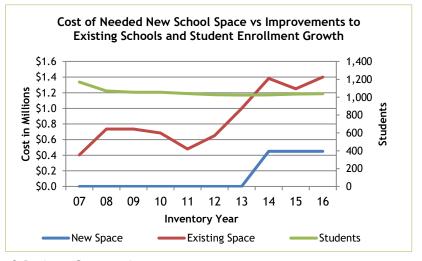


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Clay County Total Estimated Cost\* for** Infrastructure Improvements \$47,190,702 Other Utilities (in millions) \$1.0 \$25 Cost of Completions Est. Cost of Needs \$0.8 \$20 \$15 \$0.6 \$0.4 \$10 \$0.2 \$5 \$0 \$0.0 00 00 00 11 11 11 15 15 16 Est. Inventory Year Completed Transportation (in millions) \$120 \$60 Cost of Completions Est. Cost of Needs \$100 \$50 \$80 \$40 \$30 \$60 \$40 \$20 \$20 \$10 \$0 Est. Inventory Year Completed Water and Wastewater (in millions) \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 \$1.8 \$1.6 \$1.4 \$1.2 \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 Cost of Completions Est. Cost of Needs Est. 07 08 09 11 12 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Clay County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Other Utilities	\$ 20,000,000	0 \$ -
Transportation	7,388,000	3,832,338
Water and Wastewater	2,300,000	4,620,364
Law Enforcement	5,000,000	-
Industrial Sites and Parks	1,700,000	0 -
School Renovations	1,400,000	0 -
Solid Waste	500,000	0 -
New Public Schools & Additions	400,000	50,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 38,688,000	0 \$ 8,502,702



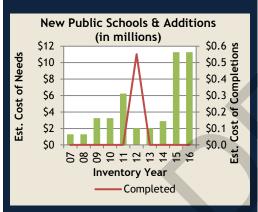
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

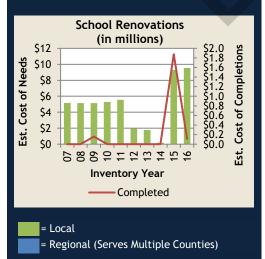
### **Cocke County**

Total Estimated Cost\* for Infrastructure Improvements \$317,328,050

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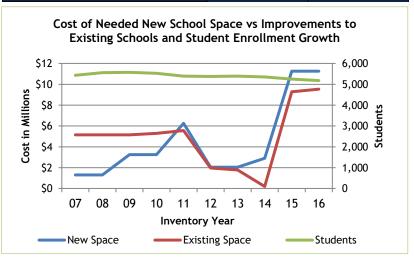






### Estimated Cost of Needed Infrastructure for Cocke County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 69,594,000	\$ 202,500,374
New Public Schools & Additions	7,676,000	3,590,000
School Renovations	8,176,000	1,361,607
Broadband	-	7,000,000
Other Utilities	2,900,000	4,100,000
Water and Wastewater	2,290,000	4,518,509
Law Enforcement	3,000,000	-
Recreation	-	621,560
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 93,636,000	\$ 223,692,050

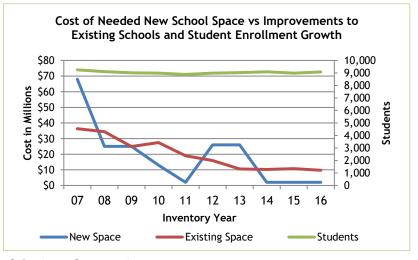


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Coffee County Total Estimated Cost\* for** Infrastructure Improvements \$161,797,716 Transportation (in millions) \$20 \$140 Cost of Completions Est. Cost of Needs \$120 \$15 \$100 \$80 \$10 \$60 \$40 \$20 Est. 8 Inventory Year Completed Law Enforcement (in millions) \$25 \$80 of Completions \$70 Est. Cost of Needs \$20 \$60 \$50 \$40 \$15 \$30 \$20 \$10 Cost Est. Inventory Year Completed Water and Wastewater (in millions) \$2.5 \$35 Cost of Completions \$30 \$25 Cost of Needs \$2.0 \$1.5 \$20 \$15 \$1.0 \$10 \$0.5 \$5 \$0 \$0.0 Est. 00 00 00 11 11 12 14 14 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Coffee County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 71,606,000	\$ 23,823,716	
Law Enforcement	37,500,000	590,000	
Water and Wastewater	4,000,000	9,000,000	
School Renovations	3,800,000	5,978,000	
Public Buildings	3,000,000	-	
New Public Schools & Additions	-	2,000,000	
Industrial Sites and Parks	500,000	-	
Broadband	-	-	
Business District Development	-	-	
Community Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Health Facilities	-	-	
Recreation	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 120,406,000	\$ 41,391,716	



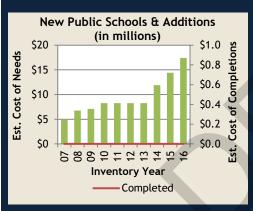
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

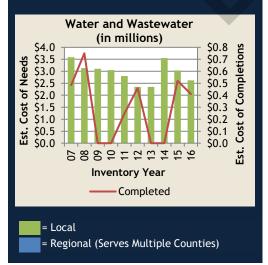
### **Crockett County**

Total Estimated Cost\* for Infrastructure Improvements \$54,267,492

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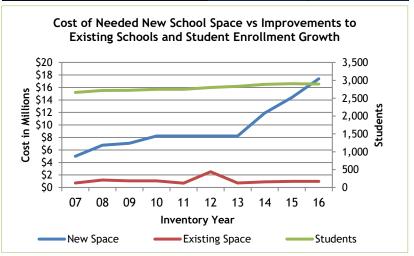






### Estimated Cost of Needed Infrastructure for Crockett County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 27,619,000	\$ 2,505,766
New Public Schools & Additions	17,400,000	-
Water and Wastewater	2,622,726	-
Law Enforcement	-	1,350,000
Recreation	1,100,000	-
School Renovations	740,000	230,000
Community Development	500,000	-
Public Buildings	200,000	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 50,181,726	\$ 4,085,766

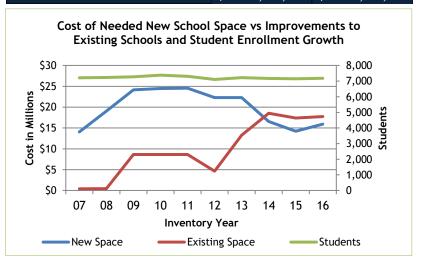


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Cumberland County Total Estimated Cost\* for** Infrastructure Improvements \$471,285,932 **Transportation** (in millions) \$500 \$30 Cost of Completions Cost of Needs \$25 \$400 \$20 \$300 \$15 \$200 \$100 \$0 0 1 2 2 4 5 4 5 4 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$120 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 Est. Cost of Completions Est. Cost of Needs \$100 \$80 \$60 \$40 \$20 \$0 Inventory Year Completed **Industrial Sites and Parks** (in millions) \$25 Cost of Completions Cost of Needs \$20 \$15 \$10 \$5 Est. \$0 Est. 00 00 00 11 11 11 14 14 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Cumberland County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 36,646,000	\$ 298,344,932	
Water and Wastewater	30,040,000	70,050,000	
Industrial Sites and Parks		18,500,000	
School Renovations	10,740,000	6,985,000	
New Public Schools & Additions	-		
	15,000,000	900,000	
Business District Development	2 7/0 000	6,000,000	
Recreation	3,760,000	1,270,000	
Other Utilities	-	1,500,000	
Post-secondary Education	1,100,000	190,000	
Storm Water	300,000	-	
Broadband	-	-	
Community Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Law Enforcement	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Total	\$ 67,546,000	\$ 403,739,932	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

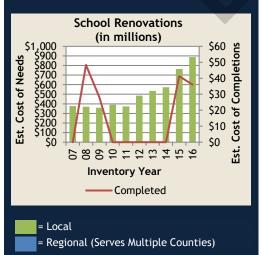
### **Davidson County**

Total Estimated Cost\* for Infrastructure Improvements \$5,666,002,619

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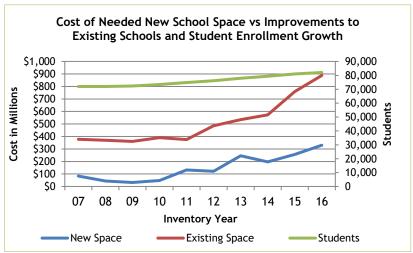






### Estimated Cost of Needed Infrastructure for Davidson County Five-year period July 2016 through June 2021

			Planning & Design +
Project Type	(	Conceptual	Construction
Transportation	\$	667,562,273	\$ 795,259,780
Water and Wastewater		59,674,000	1,220,870,500
School Renovations		690,933,067	197,354,200
Law Enforcement		283,830,000	106,256,300
Public Buildings		209,560,000	176,841,108
New Public Schools & Additions		297,850,000	32,681,000
Libraries, Museums, & Historic Sites		9,060,000	301,682,600
Post-secondary Education		151,890,000	95,445,596
Storm Water		-	100,000,000
Public Health Facilities		62,422,000	6,968,000
Recreation		16,929,500	48,920,000
Business District Development		12,000,000	35,500,000
Other Facilities		21,515,000	6,130,000
Housing		-	21,507,695
Community Development		-	19,150,000
Other Education		16,000,000	2,210,000
Broadband		-	-
Fire Protection		-	-
Industrial Sites and Parks		-	-
Other Utilities		-	-
School-System-wide		-	-
Solid Waste		-	-
Total	\$ 2	,499,225,840	\$ 3,166,776,779

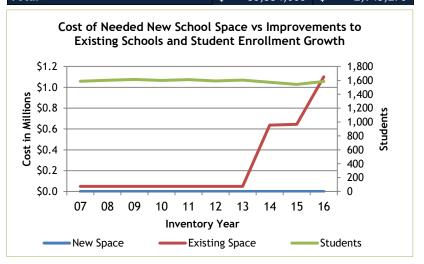


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Decatur County Total Estimated Cost\* for** Infrastructure Improvements \$89,277,270 **Transportation** (in millions) \$100 \$30 Cost of Completions Est. Cost of Needs \$25 \$80 \$20 \$60 \$15 \$40 \$20 \$5 \$0 9 0 1 1 2 1 5 4 5 4 Est. 8 Inventory Year Completed School Renovations (in millions) \$1.2 \$0.7 Cost of Completions \$1.0 \$0.8 \$0.6 \$0.5 \$0.4 ₹ \$0.6 \$0.3 Cost \$0.4 \$0.2 \$0.2 \$0.1 \$0.0 \$0.0 00 00 00 11 11 11 12 14 14 15 Inventory Year Completed Storm Water (in millions) \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.3 \$0.2 \$0.1 \$0.0 \$0.8 Cost of Completions \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 Cost of Needs \$0.1 \$0.0 00 00 11 12 13 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Decatur County Five-year period July 2016 through June 2021

	Project Type	Co	onceptual	D	anning & esign + estruction
	Transportation	\$	84,484,000	\$	2,943,270
	School Renovations		1,100,000	,	-
	Storm Water		750,000		-
	Broadband		-		-
	Business District Development		-		-
	Community Development		-		-
	Fire Protection		-		-
	Housing		-		-
	Industrial Sites and Parks		-		-
	Law Enforcement		-		-
	Libraries, Museums, & Historic Sites		-		-
	New Public Schools & Additions		-		-
	Other Education		-		-
	Other Facilities		-		-
l,	Other Utilities		-		-
	Post-secondary Education		-		-
	Public Buildings		-		-
	Public Health Facilities		-		-
	Recreation		-		-
	School-System-wide		-		-
	Solid Waste		-		-
	Water and Wastewater		-		-
	Total	\$	86,334,000	\$	2,943,270



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

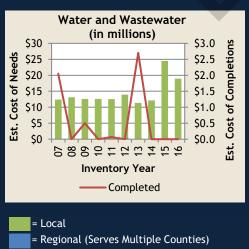
### **DeKalb County**

Total Estimated Cost\* for Infrastructure Improvements \$199,380,980

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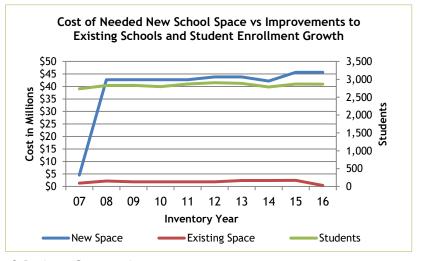






### Estimated Cost of Needed Infrastructure for DeKalb County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 16,428,000	\$ 111,880,980
New Public Schools & Additions	45,660,000	-
Water and Wastewater	2,475,000	16,450,000
Industrial Sites and Parks	3,250,000	-
Recreation	2,530,000	-
School Renovations	428,000	4,000
School-System-wide	200,000	-
Fire Protection	-	75,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 70,971,000	\$ 128,409,980

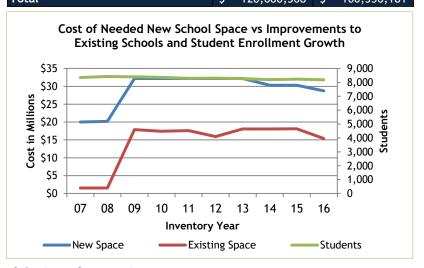


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Dickson County Total Estimated Cost\* for** Infrastructure Improvements \$221,016,749 **Transportation** (in millions) \$300 \$6 Cost of Completions Est. Cost of Needs \$250 \$5 \$200 \$4 \$150 \$3 \$2 \$100 \$50 \$0 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed **Public Buildings** (in millions) \$50 \$3.5 of Completions Cost of Needs \$3.0 \$40 \$2.5 \$30 \$2.0 \$1.5 \$20 \$1.0 Cost \$10 \$0.5 \$0 **Inventory Year** Completed New Public Schools & Additions (in millions) \$35 09.8.7.6.5.4.3.2.1 Cost of Completions \$30 Cost of Needs \$25 \$20 \$15 \$10 \$5 \$0 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Dickson County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 47,166,000	\$ 54,499,310	
Public Buildings	40,500,000	3 34,477,310	
New Public Schools & Additions	2,189,620	26,561,050	
Recreation	14,660,000	3,750,000	
School Renovations	11,559,948	3,847,000	
Water and Wastewater	11,337,740	8,000,000	
Solid Waste	3,000,000	8,000,000	
Business District Development	3,000,000	2,648,821	
Fire Protection	1,000,000	500,000	
		500,000	
Law Enforcement	585,000	-	
Post-secondary Education	-	550,000	
Broadband	-	-	
Community Development	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Storm Water	-	-	
Total	\$ 120,660,568	\$ 100,356,181	



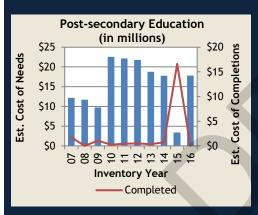
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Dyer County**

Total Estimated Cost\* for Infrastructure Improvements \$1,005,321,499

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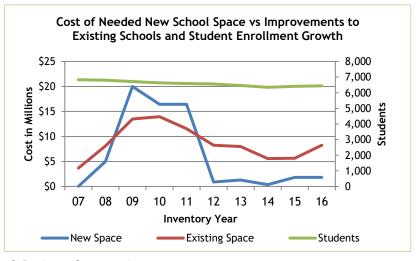






### Estimated Cost of Needed Infrastructure for Dyer County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 763,093,000	\$ 195,326,074
Post-secondary Education	220,000	17,565,648
School Renovations	2,760,000	5,477,599
Water and Wastewater	4,950,000	3,000,000
Recreation	150,000	4,750,000
Public Buildings	2,006,000	-
New Public Schools & Additions	380,000	1,443,178
Fire Protection	1,250,000	-
Other Facilities	1,100,000	-
Law Enforcement	1,000,000	-
Community Development	800,000	-
Solid Waste	50,000	-
Broadband	-	-
<b>Business District Development</b>	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 777,759,000	\$ 227,562,499

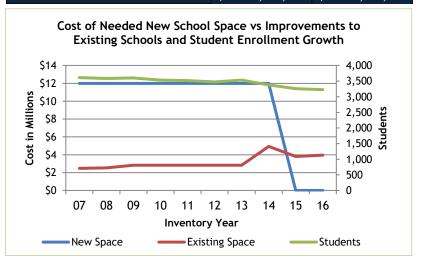


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Fayette County Total Estimated Cost\* for** Infrastructure Improvements \$245,106,781 **Transportation** (in millions) \$350 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 Cost of Completions \$300 \$250 \$200 Cost \$150 \$100 \$50 \$0 0 1 2 2 4 5 5 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$30 \$3.0 Completions Cost of Needs \$25 \$2.5 \$20 \$2.0 \$15 \$1.5 \$10 \$1.0 ₽ Cost \$5 \$0.5 \$0 **Inventory Year** Completed Law Enforcement (in millions) \$7 \$16 Est. Cost of Completions \$6 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 Est. Cost of Needs \$5 \$4 \$3 \$2 \$1 \$0 07 08 09 09 11 11 11 14 14 15 16 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Fayette County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 80,383,500	\$ 133,211,669	
Water and Wastewater	13,380,365	3,556,247	
Law Enforcement	500,000	5,410,000	
School Renovations	3,960,000	-	
Post-secondary Education	-	2,500,000	
Other Utilities	500,000	500,000	
Recreation	725,000	-	
Housing	200,000	230,000	
Fire Protection	50,000	-	
Broadband	-	-	
Business District Development	-	-	
Community Development	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
New Public Schools & Additions	-	-	
Other Education	-	-	
Other Facilities	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 99,698,865	\$ 145,407,916	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

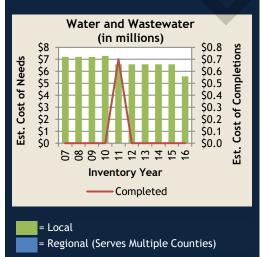
### **Fentress County**

Total Estimated Cost\* for Infrastructure Improvements \$147,364,696

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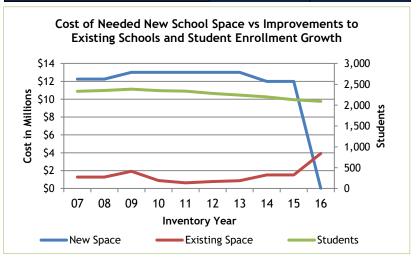






### Estimated Cost of Needed Infrastructure for Fentress County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 31,705,000	\$ 77,579,696
Other Education	16,920,000	-
Water and Wastewater	-	5,575,000
Recreation	5,400,000	-
Industrial Sites and Parks	-	5,000,000
School Renovations	815,000	3,100,000
Libraries, Museums, & Historic Sites	970,000	-
Community Development	300,000	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 56,110,000	\$ 91,254,696

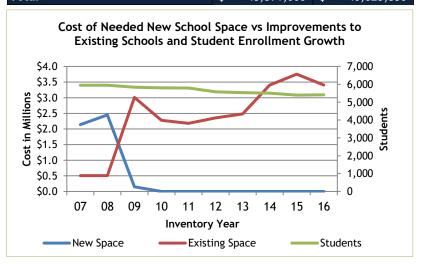


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### Franklin County **Total Estimated Cost\* for** Infrastructure Improvements \$89,516,830 **Transportation** (in millions) \$80 \$70 \$60 \$50 \$40 \$30 \$20 \$10 Cost of Completions \$35 \$30 \$25 \$20 \$15 \$10 \$5 \$0 Est. Cost of Needs 07 08 09 11 12 14 15 15 Est. Inventory Year Completed Post-secondary Education (in millions) \$20 \$1.4 Cost of Completions \$1.2 Est. Cost of Needs \$15 \$1.0 \$0.8 \$10 \$0.6 \$0.4 \$5 \$0.2 \$0 \$0.0 00 00 01 11 12 13 15 15 15 **Inventory Year** Completed **School Renovations** (in millions) \$4.0 \$0.8 Cost of Completions \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$1.0 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Cost of Needs \$0.5 \$0.0 00 00 00 11 11 11 15 15 16 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Franklin County Five-year period July 2016 through June 2021

		lanning & Design + nstruction
Project Type	onceptual	
Transportation	\$ 39,236,000	\$ 35,375,830
Post-secondary Education	3,000,000	2,000,000
School Renovations	3,405,000	-
Water and Wastewater	600,000	2,500,000
Recreation	2,650,000	-
Law Enforcement	-	750,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 48,891,000	\$ 40,625,830



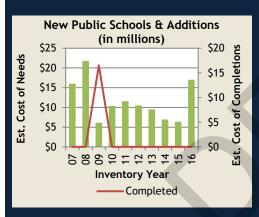
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

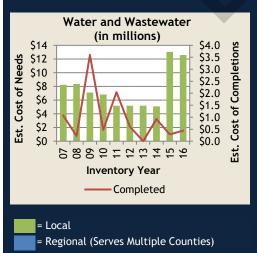
### **Gibson County**

Total Estimated Cost\* for Infrastructure Improvements \$152,536,314

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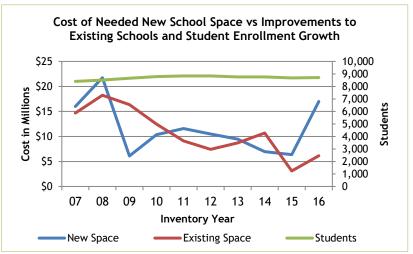






### Estimated Cost of Needed Infrastructure for Gibson County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 79,215,000	\$ 25,316,889	
New Public Schools & Additions	-	17,000,000	
Water and Wastewater	4,352,025	8,220,000	
School Renovations	2,800,000	3,345,000	
Other Utilities	5,000,000	-	
Public Buildings	-	1,760,000	
Recreation	1,131,000	500,000	
Fire Protection	1,300,000	-	
Law Enforcement	150,000	740,000	
Community Development	500,000	-	
Libraries, Museums, & Historic Sites	400,000	-	
Industrial Sites and Parks	-	356,400	
Storm Water	300,000	-	
Other Facilities	100,000	-	
Solid Waste	50,000	-	
Broadband	-	-	
<b>Business District Development</b>	-	-	
Housing	-	-	
Other Education	-	-	
Post-secondary Education	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Total	\$ 95,298,025	\$ 57,238,289	

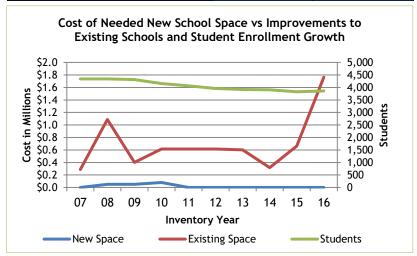


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Giles County Total Estimated Cost\* for** Infrastructure Improvements \$87,613,915 **Transportation** (in millions) \$100 \$40 Cost of Completions \$35 \$30 \$25 \$20 Est. Cost of Needs \$80 \$60 \$40 \$20 \$0 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$12 \$70 Cost of Completions Cost of Needs \$60 \$10 \$50 \$8 \$40 \$6 \$30 \$4 \$20 \$2 \$10 \$0 Est. **Inventory Year** Completed Recreation (in millions) \$25 \$3.5 Cost of Completions \$3.0 Cost of Needs \$20 \$2.5 \$15 \$2.0 \$1.5 \$10 \$1.0 \$5 \$0.5 \$0 \$0.0 Est. 07 08 09 11 12 14 15 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Giles County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 48,740,000	\$ 27,652,901
Water and Wastewater	400,000	4,539,014
Recreation	3,510,000	- 4,337,014
School Renovations	290,000	1,472,000
Public Buildings	250,000	250,000
Community Development	-	350,000
Post-secondary Education	160,000	-
Broadband	-	_
Business District Development	_	_
Fire Protection	_	_
Housing	-	_
Industrial Sites and Parks	_	_
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 53,350,000	\$ 34,263,915



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

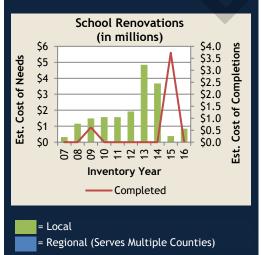
# **Grainger County**

Total Estimated Cost\* for Infrastructure Improvements \$110,271,464

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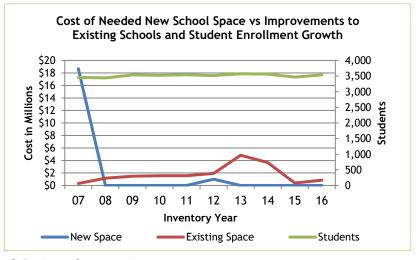






### Estimated Cost of Needed Infrastructure for Grainger County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 22,213,000	\$ 74,951,023
Water and Wastewater	10,920,700	-
School Renovations	210,000	643,237
Recreation	675,000	50,000
Libraries, Museums, & Historic Sites	500,000	-
Community Development	-	108,504
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 34,518,700	\$ 75,752,764

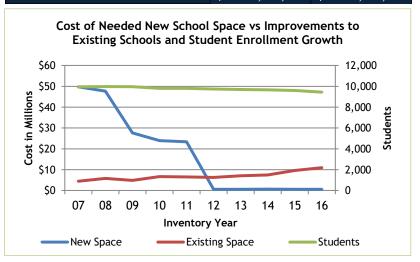


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Greene County Total Estimated Cost\* for** Infrastructure Improvements \$394,189,830 Transportation (in millions) \$250 Cost of Completions Est. Cost of Needs \$6 \$5 \$200 \$150 \$100 \$2 \$50 \$0 0 1 2 2 4 5 5 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$160 \$6 Cost of Completions \$140 Est. Cost of Needs \$5 \$120 \$100 \$4 \$3 \$80 \$60 \$40 \$2 \$1 \$20 **Inventory Year** Completed Post-secondary Education (in millions) \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 Est. Cost of Completions \$35 \$30 \$25 \$20 \$15 \$10 Est. Cost of Needs \$5 \$0 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Greene County Five-year period July 2016 through June 2021

	_	Planning & Design + Construction	
Project Type	Conceptual		
Transportation	\$ 114,635,000	\$ 81,986,244	
Water and Wastewater	60,947,990	13,590,423	
Post-secondary Education	6,615,000	27,250,000	
Storm Water	25,600,000	-	
Other Utilities	8,800,000	5,800,000	
Law Enforcement	13,800,000	-	
School Renovations	7,937,000	2,971,673	
Fire Protection	6,250,000	1,500,000	
Industrial Sites and Parks	6,000,000	-	
Recreation	970,000	1,964,500	
Libraries, Museums, & Historic Sites	-	2,540,000	
Community Development	1,500,000	500,000	
Public Buildings	1,029,000	-	
Housing	-	800,000	
New Public Schools & Additions	600,000	-	
Other Facilities	550,000	-	
Broadband	-	53,000	
Business District Development	-	-	
Other Education	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Total	\$ 255,233,990	\$ 138,955,840	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

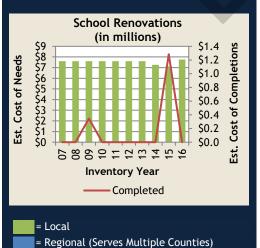
# **Grundy County**

Total Estimated Cost\* for Infrastructure Improvements \$29,761,036

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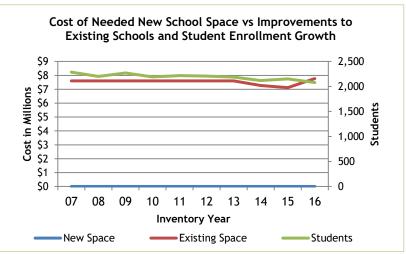






### Estimated Cost of Needed Infrastructure for Grundy County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 8,065,000	\$ 2,342,361	
Water and Wastewater	7,075,000	706,100	
School Renovations	6,150,000	1,613,000	
Community Development	200,000	840,000	
Recreation	400,000	475,975	
Law Enforcement	-	660,000	
Fire Protection	533,600	-	
Industrial Sites and Parks	500,000	-	
Housing	-	200,000	
Broadband	-	-	
Business District Development	-	-	
Libraries, Museums, & Historic Sites	-	-	
New Public Schools & Additions	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 22,923,600	\$ 6,837,436	

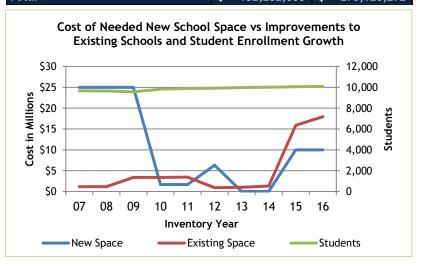


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Hamblen County Total Estimated Cost\* for** Infrastructure Improvements \$402,402,292 **Transportation** (in millions) \$400 \$350 \$300 \$250 Cost of Completions \$35 \$30 Cost of Needs \$200 \$150 \$100 \$50 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed Water and Wastewater (in millions) \$10 \$80 Est. Cost of Completions \$70 Est. Cost of Needs \$8 \$60 \$50 \$40 \$6 \$30 \$20 \$10 \$4 \$2 **Inventory Year** Completed **School Renovations** (in millions) \$9 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 \$20 \$18 \$16 \$14 \$12 \$10 \$56 \$4 \$2 \$0 Est. Cost of Completions Est. Cost of Needs 07 08 09 11 12 14 15 15 Inventory Year Completed

### Estimated Cost of Needed Infrastructure for Hamblen County Five-year period July 2016 through June 2021

			Planning & Design +	
Project Type	Conceptual		Construction	
Transportation	\$	90,922,000	\$	198,339,457
Water and Wastewater		-		37,322,000
School Renovations		11,580,000		6,364,800
Recreation		9,780,000		2,401,035
Community Development		-		12,000,000
Law Enforcement		10,000,000		130,000
New Public Schools & Additions		10,000,000		-
Other Facilities		-		4,500,000
Other Utilities		-		3,000,000
Post-secondary Education		-		2,950,000
Fire Protection		-		2,200,000
Business District Development		-		913,000
Broadband		-		-
Housing		-		-
Industrial Sites and Parks		-		-
Libraries, Museums, & Historic Sites		-		-
Other Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$	132,282,000	\$	270,120,292



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

= Local

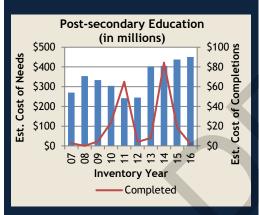
= Regional (Serves Multiple Counties)

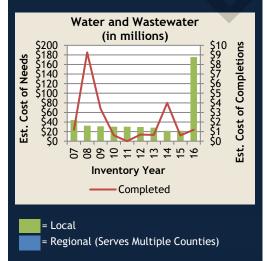
# **Hamilton County**

Total Estimated Cost\* for Infrastructure Improvements \$2,590,010,414

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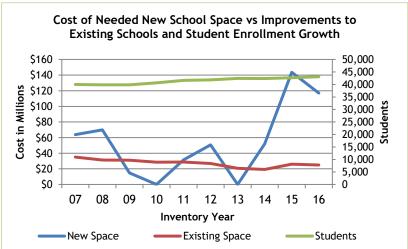






### Estimated Cost of Needed Infrastructure for Hamilton County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 433,039,992	\$ 1,324,565,449
Post-secondary Education	189,500,000	261,202,840
Water and Wastewater	28,621,350	146,669,567
New Public Schools & Additions	95,000,000	21,999,000
School Renovations	19,380,000	5,613,000
Community Development	3,200,000	14,411,513
Recreation	9,587,856	6,924,541
Law Enforcement	8,600,000	-
Public Health Facilities	7,220,000	700,000
Fire Protection	4,000,000	3,750,000
Public Buildings	-	2,360,000
Storm Water	450,000	1,710,006
Solid Waste	1,255,300	-
Industrial Sites and Parks	-	250,000
Broadband	-	-
Business District Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
School-System-wide	-	-
Total	\$ 799,854,498	\$ 1,790,155,916

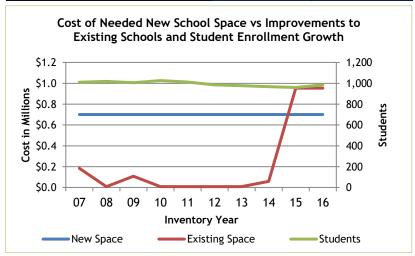


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Hancock County Total Estimated Cost\* for** Infrastructure Improvements \$38,762,525 Transportation (in millions) \$35 Cost of Completions Est. Cost of Needs \$6 \$5 \$30 \$25 \$20 \$3 \$15 \$2 \$10 \$5 \$1 Est. 00 00 10 11 11 11 15 16 Inventory Year Completed Water and Wastewater (in millions) \$20 \$5 Cost of Completions Est. Cost of Needs \$4 \$15 \$3 \$10 \$2 \$5 \$0 00 00 01 11 12 15 15 15 15 Inventory Year Completed Recreation (in millions) \$3.0 \$0.45 \$0.40 \$0.35 \$0.25 \$0.25 \$0.15 \$0.10 \$0.05 \$0.00 Cost of Completions <del>မွ်</del> \$2.5 \$2.0 **ቕ** \$1.5 Cost \$1.0 \$0.5 \$0.0 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Hancock County Five-year period July 2016 through June 2021

			Planning & Design +	
Project Type	Co	nceptual	Construction	)
Transportation	\$	24,915,000	\$ 874,00	00
Water and Wastewater		5,082,000	1,878,55	55
Recreation		2,175,000	-	
Industrial Sites and Parks		979,000	-	
School Renovations		895,271	58,40	00
Public Buildings		750,000	122,00	00
New Public Schools & Additions		-	700,00	00
Other Utilities		-	333,29	9
Broadband		-	-	
Business District Development		-	-	
Community Development		-	-	
Fire Protection		-	-	
Housing		-	-	
Law Enforcement		-	-	
Libraries, Museums, & Historic Sites		-	-	
Other Education		-	-	
Other Facilities		-	-	
Post-secondary Education		-	-	
Public Health Facilities		-	-	
School-System-wide		-	-	
Solid Waste		-	-	
Storm Water		-	-	
Total	\$	34,796,271	\$ 3,966,25	54



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

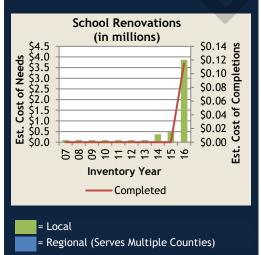
## **Hardeman County**

Total Estimated Cost\* for Infrastructure Improvements \$146,842,508

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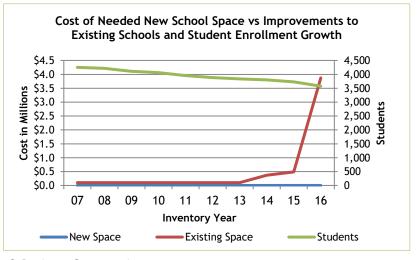






## Estimated Cost of Needed Infrastructure for Hardeman County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 63,480,000	\$ 56,542,508
Public Health Facilities	19,000,000	-
School Renovations	3,650,000	220,000
Law Enforcement	1,000,000	-
Fire Protection	950,000	-
Water and Wastewater	950,000	-
Public Buildings	-	750,000
Recreation	300,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 89,330,000	\$ 57,512,508

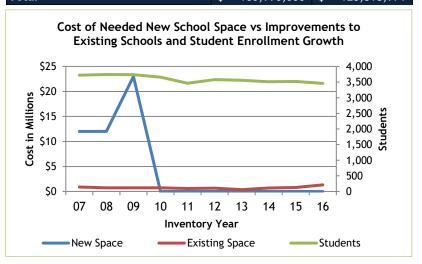


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Hardin County Total Estimated Cost\* for** Infrastructure Improvements \$289,814,971 **Transportation** (in millions) \$300 \$60 Cost of Completions Cost of Needs \$250 \$50 \$200 \$40 \$150 \$30 \$100 \$20 \$50 Est. \$0 Est. 8 Inventory Year Completed Recreation (in millions) \$30 \$5 Est. Cost of Completions Est. Cost of Needs \$25 \$4 \$20 \$3 \$15 \$2 \$10 \$5 \$0 **Inventory Year** Completed Water and Wastewater (in millions) \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 .5 .0 .5 .0 .5 .0 .5 Cost of Completions Est. Cost of Needs Est. 07 08 09 11 12 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Hardin County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 152,841,000	\$ 125,122,676
Recreation	5,035,000	400,000
Water and Wastewater	605,000	2,104,423
School Renovations	335,000	985,454
Industrial Sites and Parks	1,000,000	-
Business District Development	500,000	150,000
Fire Protection	350,000	-
Post-secondary Education	230,000	-
Libraries, Museums, & Historic Sites	100,000	-
Community Development	-	56,418
Broadband	-	-
Housing	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water		
Total	\$ 160,996,000	\$ 128,818,971



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

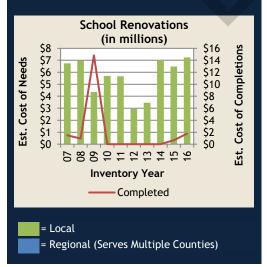
# Hawkins County

Total Estimated Cost\* for Infrastructure Improvements \$215,711,908

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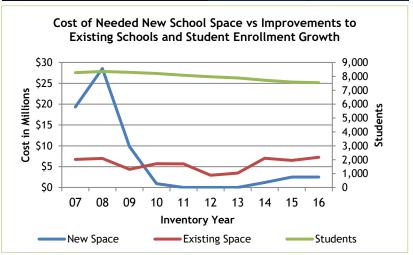






## Estimated Cost of Needed Infrastructure for Hawkins County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 109,444,000	\$ 43,584,047
Water and Wastewater	24,376,672	12,452,778
School Renovations	3,925,000	3,310,411
Community Development	6,000,000	350,000
Recreation	1,261,000	1,583,000
New Public Schools & Additions	2,500,000	-
Other Utilities	1,750,000	500,000
Public Buildings	1,800,000	-
Fire Protection	875,000	-
Housing	100,000	500,000
Other Facilities	550,000	-
Law Enforcement	450,000	-
Libraries, Museums, & Historic Sites	400,000	-
Broadband	-	-
Business District Development	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 153,431,672	\$ 62,280,236

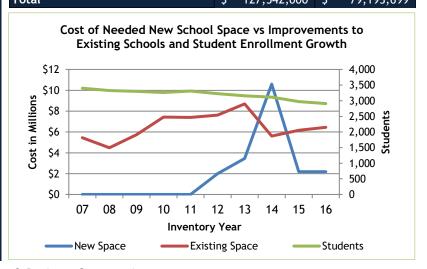


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Haywood County Total Estimated Cost\* for** Infrastructure Improvements \$206,735,699 **Transportation** \$25 \$20 \$15 \$10 \$10 \$5 \$5 \$0 (in millions) \$250 Est. Cost of Needs \$200 \$150 \$100 \$50 \$0 Est. 0 1 2 2 4 5 5 8 Inventory Year Completed Post-secondary Education (in millions) \$40 \$1.0 Completions \$35 Est. Cost of Needs \$0.8 \$30 \$25 \$20 \$0.4 \$15 \$10 \$0.2 \$5 \$0 \$0.0 00 00 00 11 11 11 12 14 14 15 **Inventory Year** Completed **School Renovations** (in millions) \$10987 \$55555 \$555 \$3.0 of Completions Est. Cost of Needs \$2.5 \$2.0 \$1.5 \$1.0 Cost \$0.5 \$0.0 Est. 00 00 00 11 11 11 15 15 16 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Haywood County Five-year period July 2016 through June 2021

	Project Type	(	Conceptual	Planning & Design + onstruction
	Transportation	\$	80,324,000	\$ 74,101,456
	Post-secondary Education		36,000,000	-
	School Renovations		5,353,000	1,092,243
	Community Development		-	4,000,000
	Water and Wastewater		3,500,000	-
	New Public Schools & Additions		2,190,000	-
	Recreation		175,000	-
	Broadband		-	-
	Business District Development		-	-
	Fire Protection		-	-
	Housing		-	-
	Industrial Sites and Parks		-	-
	Law Enforcement		-	-
	Libraries, Museums, & Historic Sites		-	-
L	Other Education		-	-
	Other Facilities		-	-
	Other Utilities		-	-
	Public Buildings		-	-
	Public Health Facilities		-	-
	School-System-wide		-	-
	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	127,542,000	\$ 79,193,699



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

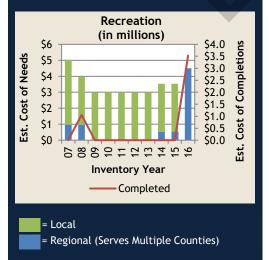
## **Henderson County**

Total Estimated Cost\* for Infrastructure Improvements \$130,547,960

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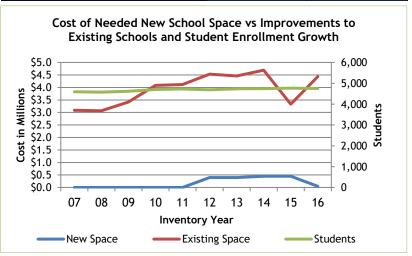






### Estimated Cost of Needed Infrastructure for Henderson County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 39,857,000	\$ 75,379,715
Community Development	5,000,000	-
Recreation	4,500,000	-
School Renovations	575,000	3,857,495
Law Enforcement	-	710,000
Libraries, Museums, & Historic Sites	-	318,750
Industrial Sites and Parks	150,000	-
Water and Wastewater	150,000	-
New Public Schools & Additions	50,000	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 50,282,000	\$ 80,265,960

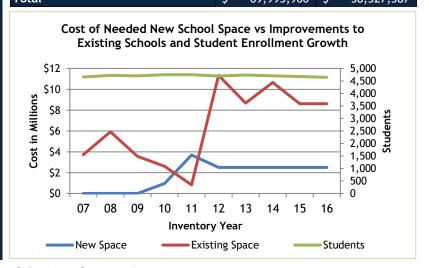


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Henry County Total Estimated Cost\* for** Infrastructure Improvements \$128,521,353 **Transportation** (in millions) \$100 \$14 Cost of Completions Est. Cost of Needs \$12 \$80 \$10 \$60 \$8 \$6 \$40 \$20 \$2 \$0 0 1 2 2 4 5 5 Est. 8 Inventory Year Completed Recreation (in millions) \$30 Cost of Completions \$3.5 \$3.0 \$2.5 \$2.0 Cost of Needs \$25 \$20 \$15 \$1.5 \$1.0 \$0.5 \$0.0 \$10 \$5 \$0 **Inventory Year** Completed **School Renovations** (in millions) \$4.0 \$3.5 \$3.0 \$2.5 \$12 Cost of Completions \$10 Est. Cost of Needs \$8 \$2.0 \$1.5 \$1.0 \$0.5 \$6 \$4 \$2 \$0 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Henry County Five-year period July 2016 through June 2021

Project Type	C	onceptual	lanning & Design + Instruction
Transportation	\$	31,871,000	\$ 54,134,733
Recreation		27,300,000	-
School Renovations		8,000,000	611,654
New Public Schools & Additions		-	2,500,000
School-System-wide		2,400,000	-
Water and Wastewater		337,966	781,000
Industrial Sites and Parks		-	500,000
Fire Protection		85,000	-
Broadband		-	-
Business District Development		-	-
Community Development		-	-
Housing		-	-
Law Enforcement		-	-
Libraries, Museums, & Historic Sites		-	-
Other Education		-	-
Other Facilities		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Buildings		-	-
Public Health Facilities		-	-
Solid Waste		-	-
Storm Water		-	-
Total	\$	69,993,966	\$ 58,527,387



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

## **Hickman County**

Total Estimated Cost\* for Infrastructure Improvements \$189,760,072

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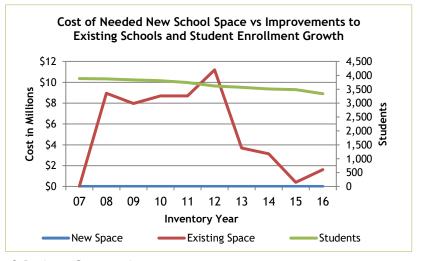






## Estimated Cost of Needed Infrastructure for Hickman County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 82,621,000	\$ 37,364,072
Water and Wastewater	48,900,000	-
Law Enforcement	-	18,250,000
School Renovations	1,100,000	525,000
Industrial Sites and Parks	1,000,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 133,621,000	\$ 56,139,072

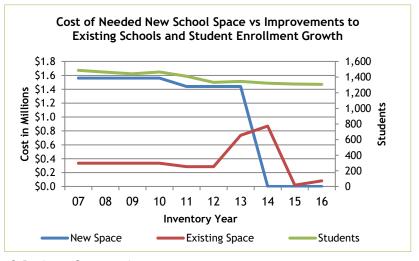


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Houston County Total Estimated Cost\* for** Infrastructure Improvements \$37,075,750 **Transportation** (in millions) \$50 Cost of Needs \$40 \$30 \$20 \$10 Est. \$0 Est. Inventory Year Completed Water and Wastewater (in millions) \$12 \$2.5 of Completions Est. Cost of Needs \$10 \$2.0 \$8 \$1.5 \$6 \$1.0 \$4 \$0.5 \$2 \$0 \$0.0 **Inventory Year** Completed **Community Development** (in millions) \$2.5 1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 Cost of Completions Cost of Needs \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 00 00 11 12 13 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Houston County Five-year period July 2016 through June 2021

			D	nning & esign +	
Project Type	Co	Conceptual		Construction	
Transportation	\$	20,380,000	\$	1,120,750	
Water and Wastewater		3,200,000		6,600,000	
Community Development		2,000,000		-	
Libraries, Museums, & Historic Sites		-		1,500,000	
Recreation		700,000		500,000	
Fire Protection		350,000		-	
Public Health Facilities		350,000		-	
Public Buildings		120,000		-	
Solid Waste		-		100,000	
School Renovations		80,000		-	
Other Facilities		-		75,000	
Broadband		-		-	
<b>Business District Development</b>		-		-	
Housing		-		-	
Industrial Sites and Parks		-		-	
Law Enforcement		-		-	
New Public Schools & Additions		-		-	
Other Education		-		-	
Other Utilities		-		-	
Post-secondary Education		-		-	
School-System-wide		-		-	
Storm Water		-		-	
Total	\$	27,180,000	\$	9,895,750	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

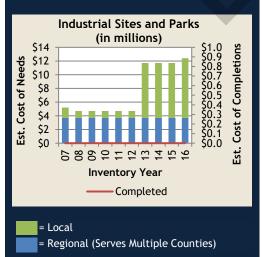
# **Humphreys County**

Total Estimated Cost\* for Infrastructure Improvements \$234,139,266

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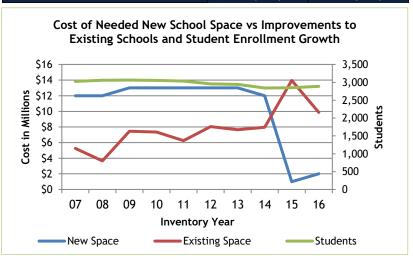






## Estimated Cost of Needed Infrastructure for Humphreys County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 151,127,000	\$ 36,522,869
Water and Wastewater	11,000,000	8,817,900
Industrial Sites and Parks	2,700,000	9,700,000
School Renovations	9,250,000	610,000
New Public Schools & Additions	2,000,000	-
Public Buildings	1,076,000	-
Recreation	250,000	585,497
Fire Protection	500,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 177,903,000	\$ 56,236,266



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Jackson County Total Estimated Cost\* for** Infrastructure Improvements \$68,367,086 **Transportation** (in millions) \$3.5 \$3.0 \$2.5 \$2.5 \$1.5 \$1.5 \$120 Est. Cost of Needs \$100 \$80 \$60 \$40 \$1.0 6 \$0.5 8 \$20 0 1 2 2 4 5 5 8 Est Inventory Year Completed Industrial Sites and Parks (in millions) \$20 Est. Cost of Needs \$15 \$0.6 \$10 \$0.4 \$5 \$0.2 \$0.0 \$0 00 00 01 11 12 15 15 15 15 Inventory Year Completed Recreation (in millions) \$3.5 \$1.0 \$0.9 \$0.8 \$0.7 \$0.5 \$0.5 \$0.3 \$0.2 \$0.0 Cost of Completions \$3.0 Cost of Needs \$2.5 \$2.0 \$1.5 \$1.0

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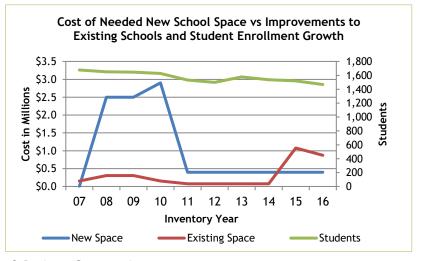
**Inventory Year** 

= Regional (Serves Multiple Counties)

Completed

## **Estimated Cost of Needed Infrastructure** for Jackson County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 43,276,000	\$ 1,006,086	
Industrial Sites and Parks	1,250,000	15,000,000	
Recreation	-	2,950,000	
Water and Wastewater	1,660,000	-	
Community Development	1,250,000	-	
School Renovations	-	875,000	
Fire Protection	-	700,000	
New Public Schools & Additions	400,000	-	
Broadband	-	-	
Business District Development	-	-	
Housing	-	-	
Law Enforcement	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 47,836,000	\$ 20,531,086	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

\$0.5

\$0.0

= Local

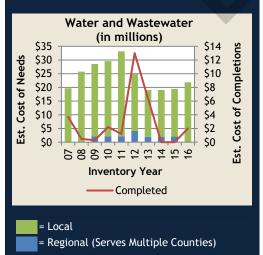
## **Jefferson County**

Total Estimated Cost\* for Infrastructure Improvements \$340,000,487

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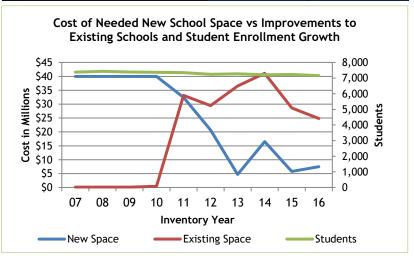






## Estimated Cost of Needed Infrastructure for Jefferson County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 60,192,000	\$ 222,754,776
School Renovations	23,388,000	1,430,000
Water and Wastewater	4,895,800	16,954,911
New Public Schools & Additions	5,500,000	2,000,000
Law Enforcement	-	1,665,000
Recreation	1,020,000	-
Other Facilities	150,000	-
Storm Water	-	50,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 95,145,800	\$ 244,854,687

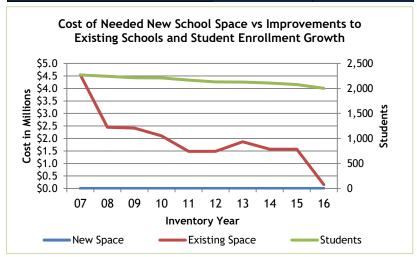


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Johnson County Total Estimated Cost\* for** Infrastructure Improvements \$123,623,854 Transportation \$25 \$20 \$15 \$10 \$10 \$5 \$5 \$0 (in millions) \$120 Est. Cost of Needs \$100 \$80 \$60 \$40 \$20 00 00 01 11 12 14 15 15 Est. Inventory Year Completed Water and Wastewater (in millions) \$35 \$4.0 Cost of Completions \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Cost of Needs \$30 \$25 \$20 \$15 \$10 \$5 \$0 **Inventory Year** Completed Recreation (in millions) \$109 \$587 \$555 \$554 \$555 \$50 \$0 Est. Cost of Needs \$0.15 \$0.10 \$0.05 \$0.00 00 00 11 12 13 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Johnson County Five-year period July 2016 through June 2021

			Planning & Design +
Project Type	Conceptua	al (	Construction
Transportation	\$ 21,725,	000 \$	80,810,618
Water and Wastewater	7,399,	460	1,025,607
Recreation	6,375,	000	1,149,019
Industrial Sites and Parks	2,000,	000	-
Storm Water	1,000,	000	-
Law Enforcement		-	800,000
Fire Protection	500,	000	-
Other Facilities	300,	000	-
Solid Waste	250,	000	-
School Renovations	50,	000	105,150
Libraries, Museums, & Historic Sites		-	134,000
Broadband		-	-
<b>Business District Development</b>		-	-
Community Development		-	-
Housing		-	-
New Public Schools & Additions		-	-
Other Education		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Buildings		-	-
Public Health Facilities		-	-
School-System-wide		-	-
Total	\$ 39,599,	460 \$	84,024,394

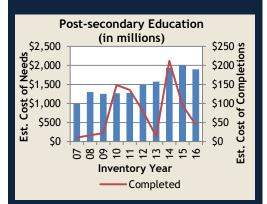


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

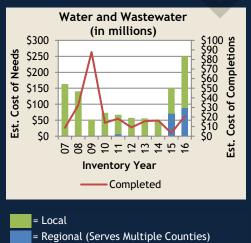
## **Knox County**

Total Estimated Cost\* for Infrastructure Improvements \$3,593,546,322

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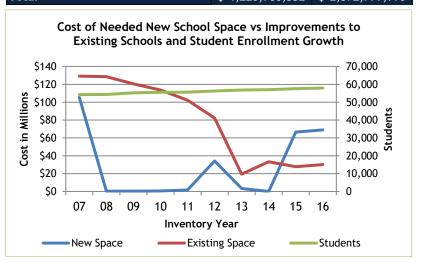






## Estimated Cost of Needed Infrastructure for Knox County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Post-secondary Education	\$ 640,510,000	\$ 1,258,396,000
Transportation	460,116,000	617,100,754
Water and Wastewater	47,625,000	202,830,000
New Public Schools & Additions	-	68,985,000
Housing	-	66,000,000
Other Education	21,220,000	30,160,000
Recreation	5,080,000	26,829,876
School Renovations	4,055,332	26,071,244
Other Utilities	10,670,000	17,700,000
Business District Development	-	22,685,116
Public Health Facilities	22,190,000	-
Other Facilities	550,000	20,412,000
Law Enforcement	6,520,000	5,510,000
Industrial Sites and Parks	-	9,800,000
Libraries, Museums, & Historic Sites	2,230,000	300,000
Broadband	-	-
Community Development	-	-
Fire Protection	-	-
Public Buildings	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 1,220,766,332	\$ 2,372,779,990

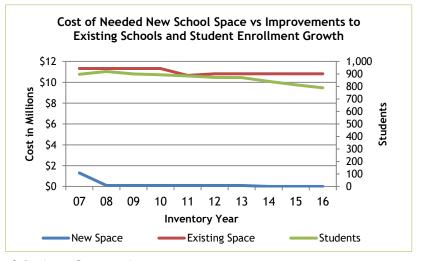


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Lake County Total Estimated Cost\* for** Infrastructure Improvements \$34,342,852 **Transportation** (in millions) \$30 \$70 Cost of Completions Est. Cost of Needs \$60 \$25 \$50 \$20 \$40 \$15 \$30 \$10 \$20 \$5 \$10 \$0 00 00 10 11 11 11 15 15 Est. Inventory Year Completed School Renovations (in millions) \$12 \$5 Cost of Completions Est. Cost of Needs \$10 \$4 \$8 \$3 \$6 \$2 \$4 \$2 \$0 Inventory Year Completed Recreation (in millions) \$0.6 \$6 Cost of Completions Est. Cost of Needs \$0.5 \$5 \$0.4 \$4 \$3 \$0.3 \$2 \$0.2 \$1 \$0.1 \$0 \$0.0 Est. 00 00 01 11 12 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Lake County Five-year period July 2016 through June 2021

Drainet Type	Concentual	Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 1,593,000	\$ 10,263,487
School Renovations	10,660,000	150,000
Recreation	-	3,491,365
Public Buildings	3,200,000	-
Law Enforcement	-	2,650,000
Water and Wastewater	320,000	915,000
Community Development	700,000	-
Other Facilities	200,000	-
Storm Water	150,000	-
Fire Protection	50,000	-
Broadband	-	-
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 16,873,000	\$ 17,469,852



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

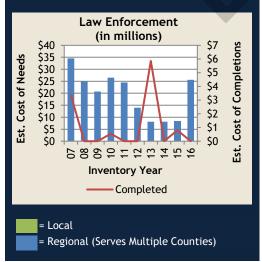
## Lauderdale County

Total Estimated Cost\* for Infrastructure Improvements \$444,690,115

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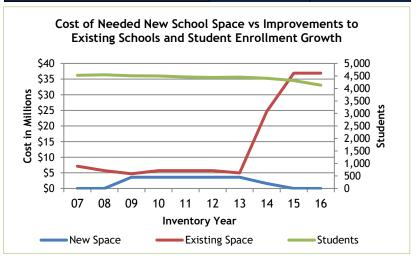






## Estimated Cost of Needed Infrastructure for Lauderdale County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 40,160,000	\$ 337,184,054
School Renovations	36,480,000	397,500
Law Enforcement	-	25,630,000
Housing	2,500,000	50,000
Storm Water	-	906,000
Water and Wastewater	-	522,561
Libraries, Museums, & Historic Sites	450,000	-
Post-secondary Education	410,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Industrial Sites and Parks	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 80,000,000	\$ 364,690,115

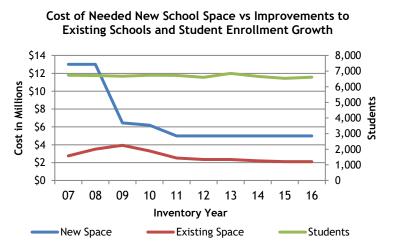


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Lawrence County Total Estimated Cost\* for** Infrastructure Improvements \$45,613,337 **Transportation** (in millions) \$60 \$140 Cost of Completions Est. Cost of Needs \$120 \$50 \$100 \$40 \$80 \$30 \$60 \$20 \$40 \$20 5 1 2 2 4 5 5 Est. 8 Inventory Year Completed Law Enforcement (in millions) \$30 \$20 Completions Est. Cost of Needs \$25 \$15 \$20 \$10 \$15 \$10 Cost of \$5 \$5 \$0 Est. Inventory Year Completed New Public Schools & Additions (in millions) \$14 09.87.654321 Cost of Completions \$12 Est. Cost of Needs \$14 \$10 \$8 \$12 \$6 Cost in Millions \$10 \$4 \$2 \$8 \$0 \$6 Est. 07 08 09 11 12 14 15 15 \$4 Inventory Year \$2 Completed \$0 07 = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Lawrence County Five-year period July 2016 through June 2021

		Planning &  Design +  Construction
Project Type	Conceptual	
Transportation	\$ 23,135,000	\$ 2,891,488
Law Enforcement	5,800,000	-
New Public Schools & Additions	5,000,000	-
Recreation	3,070,000	970,000
School Renovations	1,400,000	716,849
Water and Wastewater	1,000,000	460,000
Fire Protection	850,000	-
Solid Waste	-	320,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 40,255,000	\$ 5,358,337



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

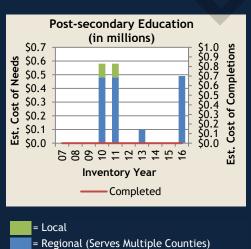
## **Lewis County**

Total Estimated Cost\* for Infrastructure Improvements \$63,568,566

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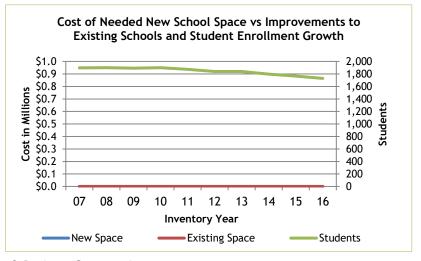






### Estimated Cost of Needed Infrastructure for Lewis County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 27,517,000	\$ 27,831,566
Law Enforcement	2,000,000	5,000,000
Post-secondary Education	490,000	-
Community Development	400,000	-
Industrial Sites and Parks	250,000	-
Libraries, Museums, & Historic Sites	-	80,000
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School Renovations	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Water and Wastewater	-	-
Total	\$ 30,657,000	\$ 32,911,566

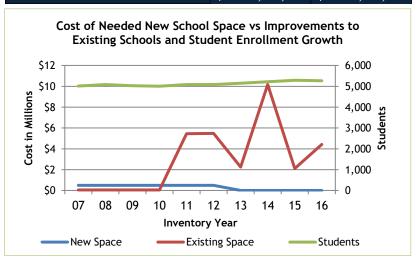


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Lincoln County Total Estimated Cost\* for** Infrastructure Improvements \$69,050,135 **Transportation** (in millions) \$100 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 \$0 Cost of Completions Est. Cost of Needs \$80 \$60 \$40 \$20 \$0 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed Water and Wastewater (in millions) \$16 \$14 \$12 \$10 \$3.0 Completions Est. Cost of Needs \$2.5 \$2.0 \$8 \$6 \$4 \$2 \$0 \$1.5 of \$1.0 Cost \$0.5 00 00 00 11 11 11 15 15 Inventory Year Completed Recreation (in millions) \$10987 \$5554 \$5555 \$510 \$0 \$1.2 Cost of Completions Est. Cost of Needs \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 Est. 00 00 01 11 12 14 15 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Lincoln County Five-year period July 2016 through June 2021

D :		Planning &  Design +  Construction
Project Type	Conceptual	
Transportation	\$ 34,453,000	\$ 3,136,335
Water and Wastewater	15,090,800	-
Recreation	9,300,000	-
School Renovations	2,100,000	2,315,000
Libraries, Museums, & Historic Sites	-	1,500,000
Storm Water	350,000	805,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 61,293,800	\$ 7,756,335



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

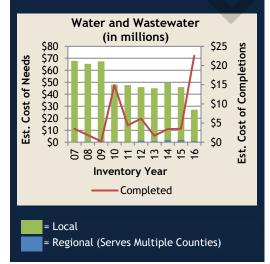
## **Loudon County**

Total Estimated Cost\* for Infrastructure Improvements \$324,531,982

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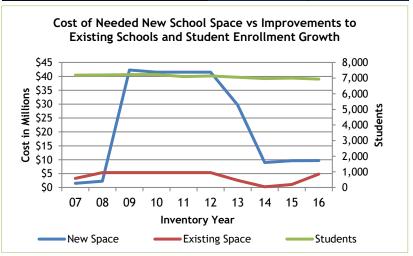






## Estimated Cost of Needed Infrastructure for Loudon County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 51,112,000	\$ 144,245,956
Public Buildings	-	54,200,000
Water and Wastewater	2,750,000	24,360,000
Recreation	25,332,000	-
New Public Schools & Additions	600,000	9,100,000
Other Utilities	1,800,000	3,200,000
School Renovations	1,160,000	3,676,600
Industrial Sites and Parks	1,760,000	-
Law Enforcement	750,000	-
Community Development	485,426	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 85,749,426	\$ 238,782,556

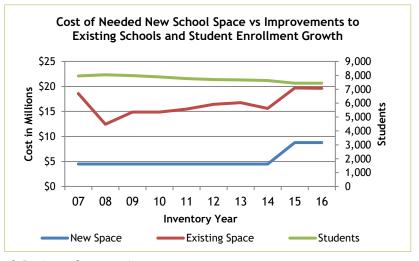


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **McMinn County Total Estimated Cost\* for** Infrastructure Improvements \$156,954,498 **Transportation** (in millions) \$300 \$60 Cost of Completions Cost of Needs \$250 \$50 \$200 \$40 \$30 \$150 \$100 \$20 \$50 Est. \$0 Est. 8 Inventory Year Completed **School Renovations** (in millions) \$25 \$7 Cost of Completions Est. Cost of Needs \$6 \$20 \$5 \$15 \$4 \$3 \$10 \$2 \$5 \$0 Est. Inventory Year Completed Storm Water (in millions) \$0.12 \$0.10 \$0.08 \$0.06 \$0.06 \$12 \$10 Est. Cost of Needs \$8 \$6 \$0.04 \$4 ₽ \$2 \$0.02 \$0 \$0.00 Est. 00 00 00 00 11 11 11 11 15 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for McMinn County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 36,191,000	\$ 37,869,381
School Renovations	14,256,340	5,387,348
Storm Water	10,000,000	-
Recreation	7,505,950	2,032,000
New Public Schools & Additions	3,280,000	5,500,000
Post-secondary Education	160,000	6,500,000
Business District Development	6,600,000	-
Broadband	6,500,000	-
Community Development	4,250,000	443,340
Water and Wastewater	4,003,710	575,000
Fire Protection	4,000,000	-
Other Utilities	1,500,000	-
Libraries, Museums, & Historic Sites	-	214,429
Law Enforcement	-	186,000
Housing	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Other Facilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 98,247,000	\$ 58,707,498



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

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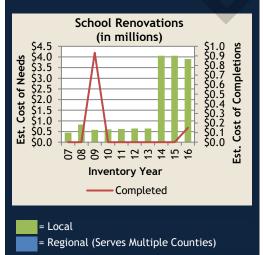
# **McNairy County**

Total Estimated Cost\* for Infrastructure Improvements \$71,892,780

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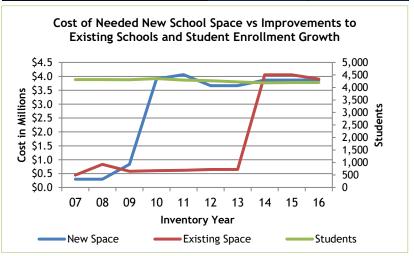






## Estimated Cost of Needed Infrastructure for McNairy County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 37,900,000	\$ 3,669,756
Water and Wastewater	9,720,000	8,849,124
School Renovations	3,702,900	201,000
New Public Schools & Additions	3,865,000	-
Other Utilities	1,500,000	-
Recreation	1,330,000	-
Storm Water	800,000	-
Libraries, Museums, & Historic Sites	200,000	-
Fire Protection	80,000	75,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 59,097,900	\$ 12,794,880

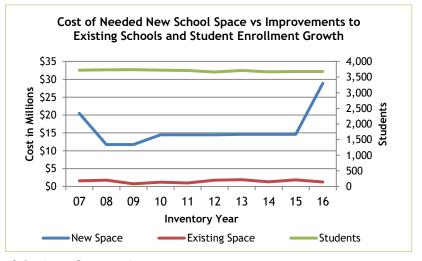


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Macon County Total Estimated Cost\* for** Infrastructure Improvements \$139,935,421 **Transportation** (in millions) \$2.5 supplemental \$2.5 \$120 Est. Cost of Needs \$100 \$80 \$1.5 \$60 \$1.0 \$40 Cost of \$20 \$0.0 0 1 2 2 4 5 5 Est, 8 Inventory Year Completed **New Public Schools & Additions** (in millions) \$1.0 \$35 of Completions Cost of Needs \$30 \$0.8 \$25 \$0.6 \$20 \$15 \$0.4 \$10 Cost \$0.2 \$5 \$0 \$0.0 Inventory Year Completed Water and Wastewater (in millions) \$30 \$6 Est. Cost of Completions Est. Cost of Needs \$5 \$25 \$20 \$4 \$15 \$3 \$10 \$2 \$1 \$5 \$0 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Macon County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 35,191,000	\$ 31,748,921
New Public Schools & Additions	27,050,000	1,800,000
Water and Wastewater	17,405,000	5,000,000
Community Development	8,000,000	-
Law Enforcement	5,640,000	-
Recreation	3,060,000	-
Post-secondary Education	3,000,000	-
School Renovations	-	1,240,500
School-System-wide	500,000	-
Public Health Facilities	300,000	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 100,146,000	\$ 39,789,421



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

## **Madison County**

Total Estimated Cost\* for Infrastructure Improvements \$573,698,824

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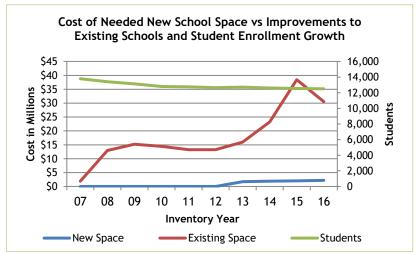






## Estimated Cost of Needed Infrastructure for Madison County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 134,252,000	\$ 250,930,091
Water and Wastewater	18,962,533	23,475,000
Public Health Facilities	34,330,000	790,000
Law Enforcement	-	34,480,000
School Renovations	22,673,800	7,830,400
Post-secondary Education	4,090,000	25,440,000
Other Facilities	-	7,900,000
Public Buildings	2,840,000	1,000,000
New Public Schools & Additions	2,135,000	75,000
Industrial Sites and Parks	-	1,000,000
Other Education	910,000	-
Recreation	585,000	-
Broadband	-	-
<b>Business District Development</b>	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Utilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 220,778,333	\$ 352,920,491

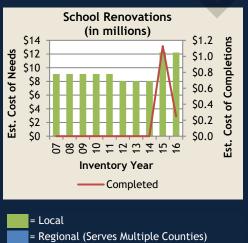


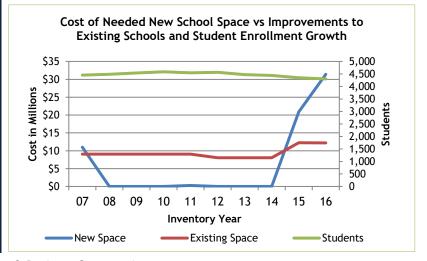
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Marion County Total Estimated Cost\* for** Infrastructure Improvements \$253,654,744 Transportation (in millions) \$300 \$250 \$200 ₹ \$150 Cost \$100 \$50 Est. Est. 00 00 01 11 12 14 15 15 Inventory Year Completed **New Public Schools & Additions** (in millions) \$35 \$12 Cost of Completions Est. Cost of Needs \$30 \$10 \$25 \$8 \$20 \$6 \$15 \$4 \$10 \$2 \$5 \$0 Est. 00 00 00 11 11 12 14 15 15 Inventory Year Completed **School Renovations** (in millions) \$14 \$1.2

## Estimated Cost of Needed Infrastructure for Marion County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 136,518,000	\$ 55,874,355
New Public Schools & Additions	31,427,460	-
School Renovations	10,108,225	2,105,000
Water and Wastewater	5,779,200	85,000
Industrial Sites and Parks	2,150,000	2,100,000
Post-secondary Education	-	3,301,499
Recreation	1,435,000	486,005
Housing	-	1,785,000
Libraries, Museums, & Historic Sites	500,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 187,917,885	\$ 65,736,859





<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

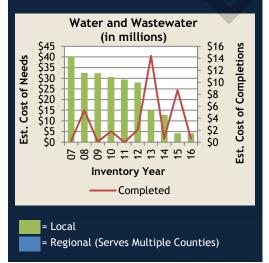
## **Marshall County**

Total Estimated Cost\* for Infrastructure Improvements \$92,066,743

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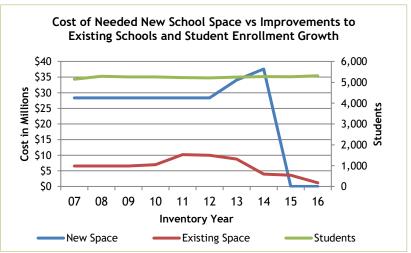






## Estimated Cost of Needed Infrastructure for Marshall County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 40,075,000	\$ 32,659,540	
Industrial Sites and Parks	-	5,000,000	
Water and Wastewater	2,525,000	1,700,000	
Recreation	270,000	3,820,000	
Fire Protection	2,000,000	-	
Libraries, Museums, & Historic Sites	1,500,000	-	
School Renovations	116,382	1,030,821	
Community Development	970,000	-	
Public Health Facilities	300,000	-	
Storm Water	-	100,000	
Broadband	-	-	
Business District Development	-	-	
Housing	-	-	
Law Enforcement	-	-	
New Public Schools & Additions	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Buildings	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Total	\$ 47,756,382	\$ 44,310,361	

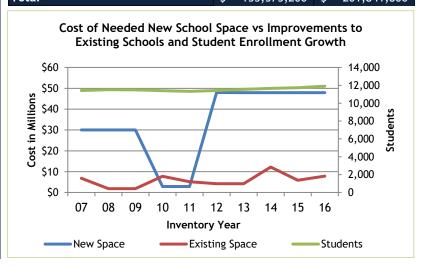


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Maury County Total Estimated Cost\* for** Infrastructure Improvements \$357,417,006 **Transportation** (in millions) \$300 \$250 \$200 Cost of \$150 \$100 \$50 Est. \$0 Est. 00 00 10 11 11 11 15 15 Inventory Year Completed **New Public Schools & Additions** (in millions) \$60 \$35 Cost of Completions Cost of Needs \$30 \$50 \$25 \$40 \$20 \$30 \$15 \$20 \$10 \$10 \$5 \$0 Est. 00 00 00 11 11 11 15 15 Inventory Year Completed Law Enforcement (in millions) \$30 \$6 Cost of Completions Cost of Needs \$5 \$25 \$4 \$20 \$15 \$3 \$10 \$2 \$1 \$5 \$0 Est. 07 08 09 11 12 13 15 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Maury County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 131,801,000	\$ 123,087,130
New Public Schools & Additions	1,387,500	46,486,000
Law Enforcement	-	19,919,676
Public Health Facilities	12,081,700	-
Post-secondary Education	6,150,000	2,986,000
School Renovations	3,640,000	4,203,000
Water and Wastewater	-	3,600,000
Industrial Sites and Parks	-	1,200,000
Recreation	515,000	-
Storm Water	-	360,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 155,575,200	\$ 201,841,806



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Meigs County Total Estimated Cost\* for** Infrastructure Improvements \$21,909,126 **Transportation** \$25 \$20 \$15 \$10 \$10 \$5 \$5 \$0 (in millions) \$35 Est. Cost of Needs \$30 \$25 \$20 \$15 \$10 \$5 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$14 \$3.0 of Completions Est. Cost of Needs \$12 \$2.5 \$10 \$2.0 \$8 \$1.5 \$6 \$1.0 \$4 Cost \$0.5 \$2 \$0.0 Est. **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$2.0 \$1.8 \$1.6 \$1.4 \$1.2 \$1.0 \$0.6 \$0.4 \$0.2 \$0.0 \$1.0 \$0.9 \$0.8 \$0.7 \$0.5 \$0.5 \$0.3 \$0.2 \$0.0 Cost of Completions Est. Cost of Needs

Inventory Year

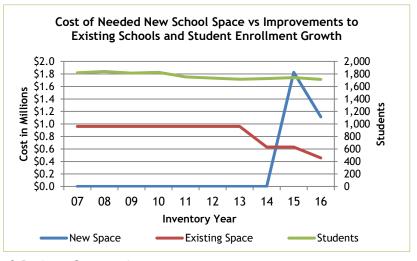
= Regional (Serves Multiple Counties)

= Local

Completed

### Estimated Cost of Needed Infrastructure for Meigs County Five-year period July 2016 through June 2021

2		Planning &  Design +  Construction
Project Type	Conceptual	
Transportation	\$ 10,851,000	\$ 117,100
Water and Wastewater	3,650,000	4,395,100
New Public Schools & Additions	1,113,000	-
Other Facilities	550,000	-
School Renovations	456,000	-
Recreation	-	326,926
Other Utilities	250,000	-
School-System-wide	150,000	-
Fire Protection	50,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 17,070,000	\$ 4,839,126



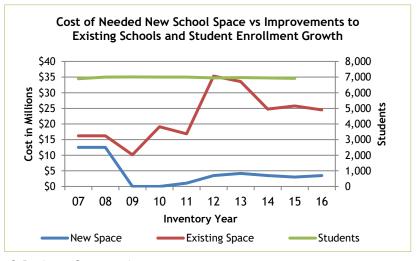
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Monroe County Total Estimated Cost\* for** Infrastructure Improvements \$139,780,857 Transportation \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.5 \$0.0 (in millions) \$70 Cost of Needs \$60 \$50 \$40 \$30 \$20 \$10 0 1 2 2 4 5 4 Est. 08 Inventory Year Completed Law Enforcement (in millions) \$1.0 \$35 Completions Est. Cost of Needs \$30 \$0.8 \$25 \$0.6 \$20 \$15 \$0.4 \$10 \$0.2 \$5 00 00 11 13 15 15 15 Inventory Year Completed **School Renovations** (in millions) \$40 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 Est. Cost of Completions \$35 \$30 \$25 \$20 \$15 \$10 Est. Cost of Needs \$5 \$0 Inventory Year Completed = Local

= Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Monroe County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 13,631,000	\$ 36,238,030
Law Enforcement	30,375,000	-
School Renovations	23,410,853	2,349,000
Water and Wastewater	22,384,308	1,630,000
New Public Schools & Additions	3,020,000	-
Recreation	1,500,000	950,000
Libraries, Museums, & Historic Sites	1,500,000	492,666
Industrial Sites and Parks	300,000	1,000,000
Fire Protection	500,000	-
Public Buildings	-	500,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 96,621,161	\$ 43,159,696



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

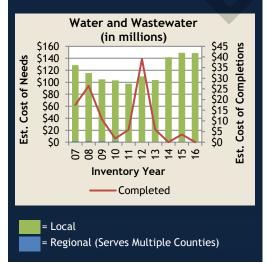
## **Montgomery County**

Total Estimated Cost\* for Infrastructure Improvements \$1,153,134,395

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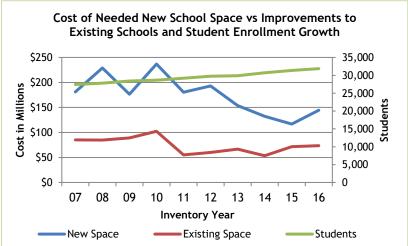






## Estimated Cost of Needed Infrastructure for Montgomery County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 125,254,000	\$ 313,174,236
Recreation	40,038,000	120,058,933
Water and Wastewater	2,147,000	146,481,597
New Public Schools & Additions	140,442,362	4,200,000
School Renovations	65,984,000	7,505,000
Post-secondary Education	7,580,000	53,447,700
Other Utilities	-	33,000,000
Community Development	-	31,072,982
Fire Protection	13,700,000	6,600,000
Public Buildings	6,500,000	7,730,000
Libraries, Museums, & Historic Sites	10,000,000	-
Public Health Facilities	120,000	6,585,195
Law Enforcement	3,285,000	2,037,390
Other Facilities	100,000	3,746,000
Industrial Sites and Parks	2,345,000	-
Broadband	-	-
<b>Business District Development</b>	-	-
Housing	-	-
Other Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 417,495,362	\$ 735,639,033

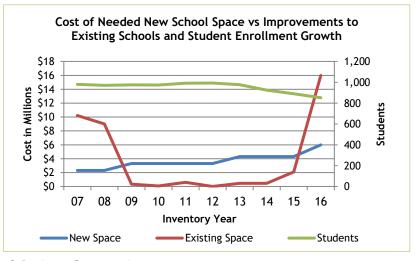


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Moore County Total Estimated Cost\* for** Infrastructure Improvements \$76,706,010 **Post-secondary Education** (in millions) \$35 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 Cost of Completions Est. Cost of Needs \$30 \$25 \$20 \$15 \$10 \$5 Est. 8 Inventory Year Completed **School Renovations** (in millions) \$20 \$0.30 Completions Est. Cost of Needs \$0.25 \$15 \$0.20 \$10 \$0.15 \$0.10 ₹ \$5 Cost \$0.05 \$0 \$0.00 Inventory Year Completed Transportation (in millions) \$1.6 \$1.4 \$1.2 \$1.0 \$0.8 \$0.6 \$40 \$35 \$30 \$25 \$20 \$15 \$10 Cost of Completions Est. Cost of Needs \$0.4 \$0.2 \$5 \$0 Est. 00 00 01 11 12 14 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Moore County Five-year period July 2016 through June 2021

	Project Type	Co	onceptual		lanning & Design + Instruction
	Post-secondary Education	\$	1,160,000	\$	29,103,000
	School Renovations	ľ	2,800,000	,	13,200,000
	Transportation		6,229,000		6,964,010
	Water and Wastewater		-		10,500,000
	New Public Schools & Additions		3,000,000		3,000,000
	Public Buildings		750,000		-
	Broadband		-		-
	Business District Development		-		-
	Community Development		-		-
	Fire Protection		-		-
	Housing		-		-
	Industrial Sites and Parks		-		-
	Law Enforcement		-		-
	Libraries, Museums, & Historic Sites		-		-
L	Other Education		-		-
	Other Facilities		-		-
	Other Utilities		-		-
	Public Health Facilities		-		-
	Recreation		-		-
	School-System-wide		-		-
	Solid Waste		-		-
	Storm Water		-		<u>-</u>
	Total	\$	13,939,000	\$	62,767,010



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

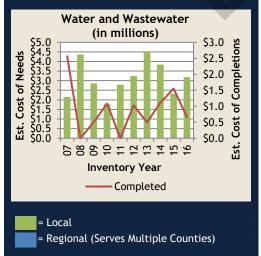
## **Morgan County**

Total Estimated Cost\* for Infrastructure Improvements \$192,333,126

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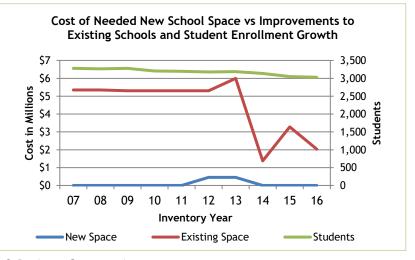






## Estimated Cost of Needed Infrastructure for Morgan County Five-year period July 2016 through June 2021

					Planning & Design +
	Project Type	Co	nceptual	C	onstruction
•	Transportation	\$	25,811,950	\$	154,533,873
	Law Enforcement		-		5,310,000
١	Water and Wastewater		862,803		2,320,000
!	School Renovations		82,250		1,948,250
	Recreation		1,464,000		-
	Broadband		-		-
	Business District Development		-		-
	Community Development		-		-
	Fire Protection		-		-
	Housing		-		-
	Industrial Sites and Parks		-		-
	Libraries, Museums, & Historic Sites		-		-
	New Public Schools & Additions		-		-
	Other Education		-		-
	Other Facilities		-		-
(	Other Utilities		-		-
l	Post-secondary Education		-		-
IJ	Public Buildings		-		-
ŀ	Public Health Facilities		-		-
	School-System-wide		-		-
!	Solid Waste		-		-
1	Storm Water		-		-
•	Total	\$	28,221,003	\$	164,112,123

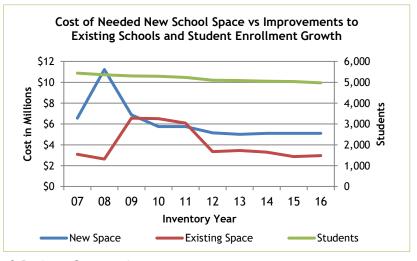


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Obion County Total Estimated Cost\* for** Infrastructure Improvements \$422,740,065 **Transportation** (in millions) \$500 \$50 Cost of Completions Cost of Needs \$40 \$400 \$30 \$300 \$200 \$20 \$100 \$0 0 1 2 2 4 5 5 Est. Inventory Year Completed New Public Schools & Additions (in millions) \$20 \$12 Completions Est. Cost of Needs \$10 \$15 \$8 \$10 \$6 \$4 Cost of \$5 \$2 \$0 Est. Inventory Year Completed Water and Wastewater (in millions) \$7 \$3.5 Cost of Completions \$6 \$3.0 Est. Cost of Needs \$5 \$2.5 \$4 \$3 \$2 \$1 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Est. 00 00 00 11 11 11 15 15 16 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Obion County Five-year period July 2016 through June 2021

			Planning & Design +		
Project Type	С	onceptual	Construction		
Transportation	\$	76,483,819	\$	330,805,883	
New Public Schools & Additions		4,999,000		100,000	
Water and Wastewater		962,000		2,085,611	
School Renovations		2,461,208		510,300	
Recreation		50,000		1,250,000	
Law Enforcement		1,200,000		-	
Fire Protection		60,000		680,244	
Industrial Sites and Parks		500,000		-	
Public Buildings		200,000		-	
Storm Water		200,000		-	
School-System-wide		192,000		-	
Broadband		-		-	
Business District Development		-		-	
Community Development		-		-	
Housing		-		-	
Libraries, Museums, & Historic Sites		-		-	
Other Education		-		-	
Other Facilities		-		-	
Other Utilities		-		-	
Post-secondary Education		-		-	
Public Health Facilities		-		-	
Solid Waste		-		-	
Total	\$	87,308,027	\$	335,432,038	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

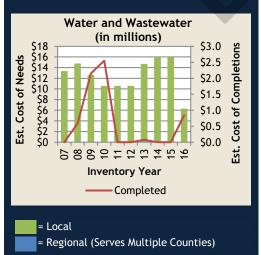
## **Overton County**

Total Estimated Cost\* for Infrastructure Improvements \$68,507,134

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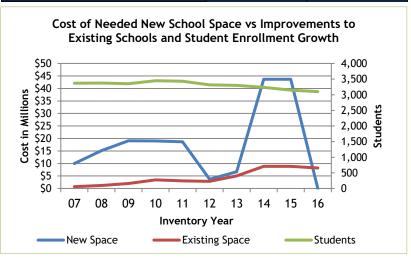






## Estimated Cost of Needed Infrastructure for Overton County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 11,156,000	\$ 38,342,134
School Renovations	4,688,000	3,491,000
Water and Wastewater	3,300,000	3,000,000
Recreation	1,500,000	2,320,000
Law Enforcement	200,000	-
Post-secondary Education	200,000	-
Public Buildings	-	200,000
School-System-wide	110,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 21,154,000	\$ 47,353,134

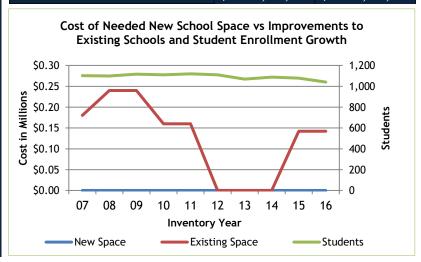


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

## **Perry County Total Estimated Cost\* for** Infrastructure Improvements \$80,889,087 Transportation (in millions) \$100 \$20 Cost of Completions Est. Cost of Needs \$80 \$60 \$10 \$40 \$20 \$0 Est. 07 08 09 11 12 14 15 15 Inventory Year Completed School Renovations (in millions) \$0.30 \$0.25 \$0.20 \$0.6 \$0.15 \$0.10 \$0.2 \$0.05 \$0.00 00 00 00 11 11 12 14 15 15 Inventory Year Completed

## Estimated Cost of Needed Infrastructure for Perry County Five-year period July 2016 through June 2021

Project Type	Conceptual		Planning & Design + Construction	
Transportation	Ś	37,870,000	\$	42,877,087
School Renovations	Ť	-	•	142,000
Broadband				-
Business District Development		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Industrial Sites and Parks		-		-
Law Enforcement		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
Recreation		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Water and Wastewater		-		-
Total	\$	37,870,000	\$	43,019,087



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

= Local

= Regional (Serves Multiple Counties)

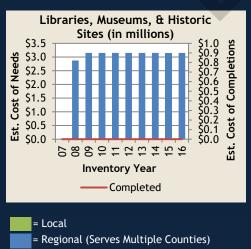
## **Pickett County**

Total Estimated Cost\* for Infrastructure Improvements \$16,492,430

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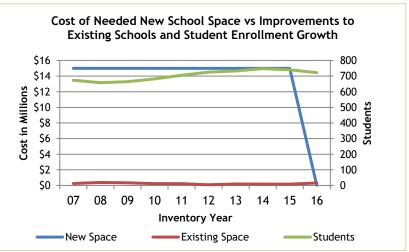






## Estimated Cost of Needed Infrastructure for Pickett County Five-year period July 2016 through June 2021

			Planning & Design +	
Project Type	Co	nceptual		struction
Transportation	\$	3,189,000	\$	2,158,430
Law Enforcement		-		5,000,000
Libraries, Museums, & Historic Sites		-		3,150,000
Industrial Sites and Parks		350,000		1,500,000
Recreation		370,000		-
School Renovations		330,000		-
Community Development		-		250,000
School-System-wide		100,000		-
Fire Protection		-		95,000
Broadband		-		-
Business District Development		-		-
Housing		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
Solid Waste		-		-
Storm Water		-		-
Water and Wastewater		-		
Total	\$	4,339,000	\$	12,153,430

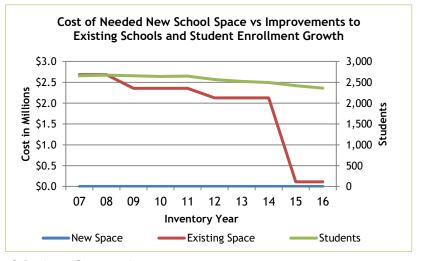


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Polk County Total Estimated Cost\* for** Infrastructure Improvements \$71,543,392 Transportation (in millions) \$60 \$300 Cost of Completions Cost of Needs \$250 \$50 \$200 \$40 \$30 \$150 \$100 \$20 \$10 \$50 Est. \$0 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$12 \$2.5 of Completions Est. Cost of Needs \$10 \$2.0 \$8 \$1.5 \$6 \$1.0 \$4 Cost \$0.5 \$2 \$0 \$0.0 Est. **Inventory Year** Completed Recreation (in millions) \$0.35 so.35 \$0.30 \$0.20 \$0.25 \$0.20 \$0.20 \$0.15 \$30 Cost of Needs \$25 \$20 \$15 \$10 \$0.10 Cost \$5 \$0.05 \$0 \$0.00 00 00 00 11 11 11 15 15 16 17 **Inventory Year** Completed

## Estimated Cost of Needed Infrastructure for Polk County Five-year period July 2016 through June 2021

			Planning & Design +		
Project Type	С	onceptual	Construction		
Transportation	\$	45,415,000	\$	16,088,961	
Water and Wastewater		3,519,870		2,980,000	
Recreation		1,650,000			
Community Development		-		801,715	
Public Health Facilities		-		403,846	
Industrial Sites and Parks		256,000		-	
Public Buildings		250,000		-	
School Renovations		110,000		-	
Storm Water		-		68,000	
Broadband		-		-	
Business District Development		-		-	
Fire Protection		-		-	
Housing		-		-	
Law Enforcement		-		-	
Libraries, Museums, & Historic Sites		-		-	
New Public Schools & Additions		-		-	
Other Education		-		-	
Other Facilities		-		-	
Other Utilities		-		-	
Post-secondary Education		-		-	
School-System-wide		-		-	
Solid Waste		-		-	
Total	\$	51,200,870	\$	20,342,522	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

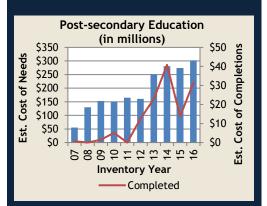
= Local

= Regional (Serves Multiple Counties)

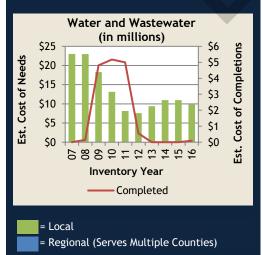
### **Putnam County**

Total Estimated Cost\* for Infrastructure Improvements \$482,740,736

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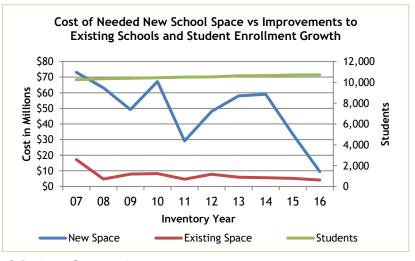






### Estimated Cost of Needed Infrastructure for Putnam County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Post-secondary Education	\$ 82,390,000	\$ 219,736,992
Transportation	53,435,794	82,343,400
Water and Wastewater	-	9,855,313
New Public Schools & Additions	4,500,000	5,000,000
Recreation	2,850,000	3,719,237
Other Facilities	6,220,000	-
Law Enforcement	5,800,000	-
School Renovations	3,250,000	915,000
Public Buildings	2,000,000	-
Fire Protection	-	475,000
School-System-wide	250,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Utilities	-	-
Public Health Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 160,695,794	\$ 322,044,942

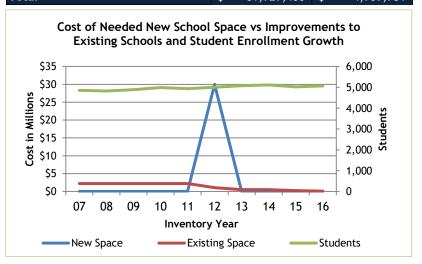


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Rhea County Total Estimated Cost\* for** Infrastructure Improvements \$66,839,151 **Transportation** (in millions) \$50 \$80 \$70 \$60 \$50 \$40 \$30 \$20 \$10 Cost of Completions Est. Cost of Needs \$40 \$30 \$20 Est. 9 0 1 1 2 1 5 4 5 4 8 Inventory Year Completed Law Enforcement (in millions) \$0.5 \$6 of Completions Est. Cost of Needs \$5 \$0.4 \$4 \$0.3 \$3 \$0.2 \$2 \$0.1 \$1 \$0 \$0.0 **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$16 Est. Cost of Completions \$14 \$12 \$10 \$8 \$6 \$4 \$2 Est. Cost of Needs \$20 \$15 \$10 \$5 \$0 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Rhea County Five-year period July 2016 through June 2021

			nning & esign +
Project Type	Conc	eptual	struction
Transportation	\$ 48	,955,000	\$ 2,328,973
Law Enforcement	5	,080,000	-
Water and Wastewater	2	,694,400	541,682
Recreation	1	,700,000	1,062,596
Storm Water	1	,100,000	650,000
Industrial Sites and Parks	1	,500,000	-
Public Buildings		800,000	326,500
School Renovations		100,000	-
Broadband		-	-
Business District Development		-	-
Community Development		-	-
Fire Protection		-	-
Housing		-	-
Libraries, Museums, & Historic Sites		-	-
New Public Schools & Additions		-	-
Other Education		-	-
Other Facilities		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Health Facilities		-	-
School-System-wide		-	-
Solid Waste		-	-
Total	\$ 61	,929,400	\$ 4,909,751



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Roane County**

Total Estimated Cost\* for Infrastructure Improvements \$355,337,035

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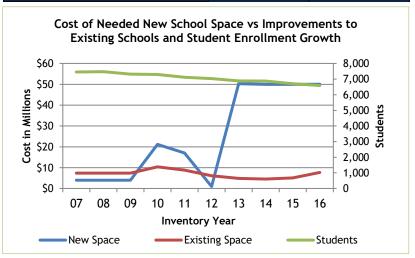






### Estimated Cost of Needed Infrastructure for Roane County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 75,022,000	\$ 136,611,246	
New Public Schools & Additions	50,000,000	60,000	
Recreation	15,040,000	9,425,896	
Water and Wastewater	6,618,000	5,988,000	
Community Development	10,000,000	-	
School Renovations	5,500,000	2,174,993	
Other Facilities	-	7,000,000	
Industrial Sites and Parks	6,100,000	-	
Post-secondary Education	2,120,000	3,259,000	
Storm Water	5,000,000	-	
Other Utilities	-	4,917,900	
Public Buildings	3,300,000	1,000,000	
Law Enforcement	4,000,000	-	
Fire Protection	1,600,000	-	
Business District Development	-	300,000	
Solid Waste	-	300,000	
Broadband	-	-	
Housing	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Total	\$ 184,300,000	\$ 171,037,035	

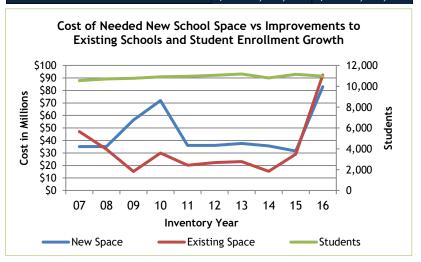


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Robertson County Total Estimated Cost\* for** Infrastructure Improvements \$525,874,232 Transportation (in millions) \$300 Cost of Completions Cost of Needs \$6 \$5 \$250 \$200 \$150 \$100 \$50 Est. \$0 0 1 2 2 4 5 5 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$120 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 Est. Cost of Completions Est. Cost of Needs \$100 \$80 \$60 \$40 \$20 \$0 00 00 00 11 11 12 14 14 15 Inventory Year Completed **School Renovations** (in millions) \$50 \$45 \$40 \$35 \$35 \$25 \$10 \$55 \$0 Est. Cost of Completions Est. Cost of Needs **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Robertson County Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 83,185,000	\$ 150,726,542	
Water and Wastewater	28,200,000	70,982,500	
School Renovations	72,764,000	19,681,000	
New Public Schools & Additions	48,000,000	35,000,000	
Recreation	4,817,600	2,193,590	
Business District Development	2,700,000	-	
Fire Protection	2,550,000	-	
School-System-wide	-	1,500,000	
Community Development	1,300,000	-	
Storm Water	-	1,199,000	
Industrial Sites and Parks	-	500,000	
Other Utilities	175,000	280,000	
Public Buildings	-	120,000	
Broadband	-	-	
Housing	-	-	
Law Enforcement	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Post-secondary Education	-	-	
Public Health Facilities	-	-	
Solid Waste	-	-	
Total	\$ 243,691,600	\$ 282,182,632	



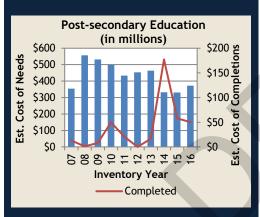
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

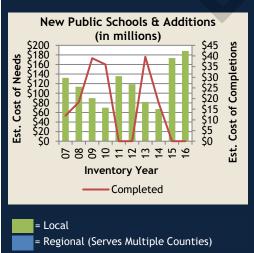
### **Rutherford County**

Total Estimated Cost\* for Infrastructure Improvements \$1,418,096,370

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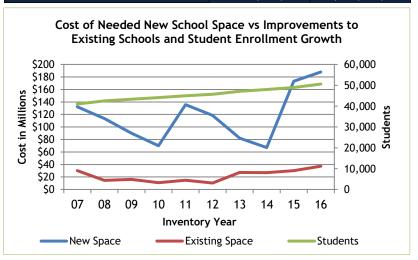






### Estimated Cost of Needed Infrastructure for Rutherford County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 139,135,000	\$ 310,858,282
Post-secondary Education	26,440,000	345,773,200
New Public Schools & Additions	127,182,000	60,840,000
Water and Wastewater	6,700,000	140,000,000
Law Enforcement	-	118,470,000
Recreation	2,220,000	65,305,512
School Renovations	3,955,000	33,424,376
Public Health Facilities	15,628,000	2,640,000
Business District Development	-	7,700,000
Fire Protection	4,200,000	2,700,000
School-System-wide	2,500,000	-
Other Utilities	-	1,225,000
Public Buildings	-	1,200,000
Broadband	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 327,960,000	\$ 1,090,136,370

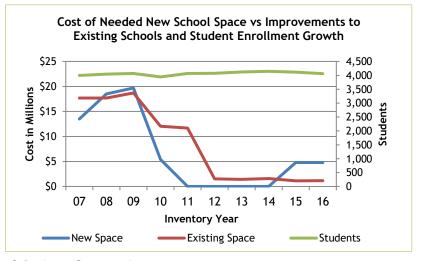


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Scott County Total Estimated Cost\* for** Infrastructure Improvements \$103,025,316 **Transportation** (in millions) \$160 \$140 \$120 \$100 \$5 Cost of Completions Est. Cost of Needs \$4 \$3 \$80 \$60 \$40 \$20 Est. 00 00 00 11 12 14 14 15 15 Inventory Year Completed **New Public Schools & Additions** (in millions) \$25 Est. Cost of Needs \$20 \$15 \$10 \$5 \$0 Est. Inventory Year Completed Water and Wastewater (in millions) \$6 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Cost of Completions Est. Cost of Needs \$5 \$4 \$3 \$2 \$1 \$0 Est. 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Scott County Five-year period July 2016 through <u>June 2021</u>

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 42,409,000	\$ 50,251,316
New Public Schools & Additions	4,800,000	-
Water and Wastewater	525,000	2,350,000
School Renovations	1,060,000	100,000
Recreation	-	620,000
Solid Waste	500,000	-
Post-secondary Education	-	210,000
Public Buildings	200,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 49,494,000	\$ 53,531,316



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

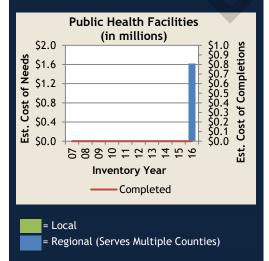
# **Sequatchie County**

Total Estimated Cost\* for Infrastructure Improvements \$18,506,930

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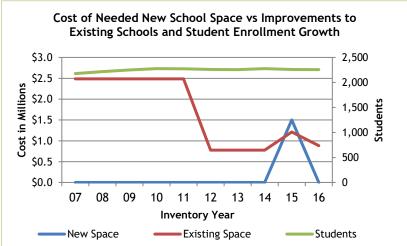






### Estimated Cost of Needed Infrastructure for Sequatchie County Five-year period July 2016 through June 2021

			Planning & Design +
Project Type	Co	nceptual	Construction
Transportation	\$	8,904,000	\$ 1,397,266
Water and Wastewater		2,600,000	-
Public Health Facilities		-	1,622,000
Recreation		591,141	924,687
School-System-wide		600,000	500,000
School Renovations		505,000	380,000
Industrial Sites and Parks		-	482,836
Broadband		-	-
Business District Development		-	-
Community Development		-	-
Fire Protection		-	-
Housing		-	-
Law Enforcement		-	-
Libraries, Museums, & Historic Sites		-	-
New Public Schools & Additions		-	-
Other Education		-	-
Other Facilities		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Buildings		-	-
Solid Waste		-	-
Storm Water		-	-
Total	\$	13,200,141	\$ 5,306,789

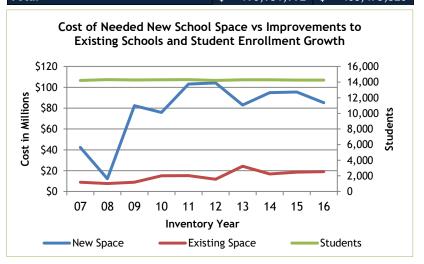


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Sevier County Total Estimated Cost\* for** Infrastructure Improvements \$659,405,512 **Transportation** (in millions) \$80 \$70 \$60 \$500 Cost of Completions Cost of Needs \$400 \$50 \$40 \$300 \$200 \$30 \$20 \$100 \$0 Est. 9 0 1 1 2 1 5 4 5 4 8 Inventory Year Completed Water and Wastewater (in millions) \$140 \$30 of Completions Est. Cost of Needs \$120 \$25 \$100 \$20 \$80 \$15 \$60 \$10 \$40 Cost \$5 \$20 \$0 Est. **Inventory Year** Completed New Public Schools & Additions (in millions) \$120 \$35 Cost of Completions \$30 \$100 Cost of Needs \$25 \$80 \$20 \$60 \$15 \$40 \$10 \$20 \$5 \$0 \$0 Est. 07 08 09 11 12 13 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Sevier County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 93,902,000	\$ 238,287,525	
Water and Wastewater	12,599,985	92,081,600	
New Public Schools & Additions	54,630,000	30,558,000	
Other Utilities	-	57,622,750	
Recreation	440,000	22,885,341	
School Renovations	12,436,866	6,512,019	
Public Buildings	15,256,841	-	
Industrial Sites and Parks	-	10,000,000	
Fire Protection	350,000	6,000,000	
Community Development	770,000	4,000,000	
Post-secondary Education	400,000	-	
Storm Water	-	386,285	
Other Facilities	91,300	140,000	
Law Enforcement	55,000	-	
Broadband	-	-	
Business District Development	-	-	
Housing	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Total	\$ 190,931,992	\$ 468,473,520	



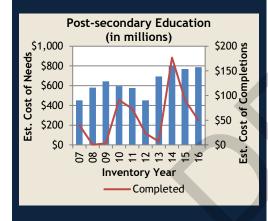
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

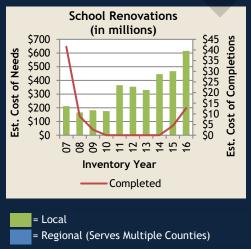
### **Shelby County**

Total Estimated Cost\* for Infrastructure Improvements \$5,787,277,033

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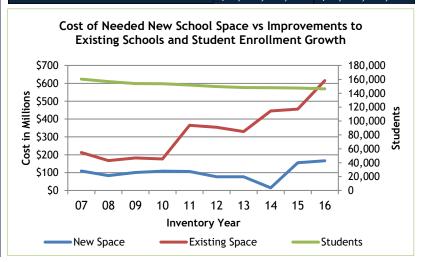






### Estimated Cost of Needed Infrastructure for Shelby County Five-year period July 2016 through June 2021

		Planning &  Design +  Construction
Project Type	Conceptual	
Transportation	\$ 934,730,940	\$ 2,174,230,436
Post-secondary Education	174,730,000	613,218,020
School Renovations	488,500,497	126,954,613
Water and Wastewater	210,323,306	266,300,000
Housing	171,000,000	-
New Public Schools & Additions	39,489,000	126,876,884
Recreation	14,665,000	95,504,409
Law Enforcement	70,875,800	31,546,855
Public Health Facilities	92,700,000	-
Fire Protection	22,093,189	18,134,038
Libraries, Museums, & Historic Sites	11,868,000	26,667,019
Public Buildings	11,980,000	11,537,000
Other Facilities	8,750,000	11,754,000
Storm Water	3,132,500	6,315,517
Community Development	6,043,500	2,738,510
Solid Waste	8,000,000	-
<b>Business District Development</b>	250,000	6,368,000
Broadband	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Other Utilities	-	-
School-System-wide	-	-
Total	\$ 2,269,131,732	\$ 3,518,145,301

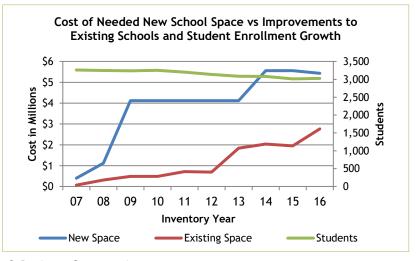


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Smith County Total Estimated Cost\* for** Infrastructure Improvements \$127,848,692 **Transportation** (in millions) \$120 Cost of Completions Est. Cost of Needs \$100 \$10 \$80 \$8 \$60 \$40 \$20 \$0 0 1 2 2 4 5 4 5 4 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$20 \$3.5 Cost of Completions \$3.0 Est. Cost of Needs \$15 \$2.5 \$2.0 \$10 \$1.5 \$1.0 \$5 \$0.5 \$0 00 00 11 13 15 15 15 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$6 09.8.7.6.5.4.3.2.1 Cost of Completions Cost of Needs \$5 \$4 \$3 \$2 \$1 \$0 Est. 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Smith County Five-year period July 2016 through June 2021

			lanning & Design +
Project Type	onceptual	Co	nstruction
Transportation	\$ 77,208,256	\$	34,486,236
Water and Wastewater	3,000,000		3,100,000
New Public Schools & Additions	5,436,000		-
School Renovations	2,663,200		100,000
Solid Waste	1,000,000		-
Recreation	235,000		620,000
Broadband	-		-
Business District Development	-		-
Community Development	-		-
Fire Protection	-		-
Housing	-		-
Industrial Sites and Parks	-		-
Law Enforcement	-		-
Libraries, Museums, & Historic Sites	-		-
Other Education	-		-
Other Facilities	-		-
Other Utilities	-		-
Post-secondary Education	-		-
Public Buildings	-		-
Public Health Facilities	-		-
School-System-wide	-		-
Storm Water	-		-
Total	\$ 89,542,456	\$	38,306,236



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

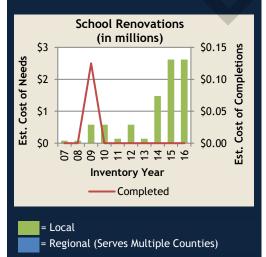
### **Stewart County**

Total Estimated Cost\* for Infrastructure Improvements \$35,768,540

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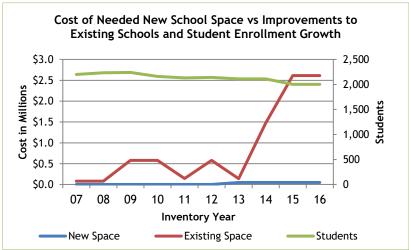






### Estimated Cost of Needed Infrastructure for Stewart County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 18,909,000	\$ 529,000
Other Utilities	-	11,000,000
School Renovations	1,825,000	790,000
Water and Wastewater	500,000	690,540
Public Buildings	150,000	600,000
Recreation	725,000	-
New Public Schools & Additions	-	50,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 22,109,000	\$ 13,659,540

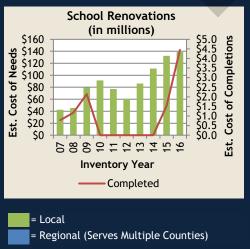


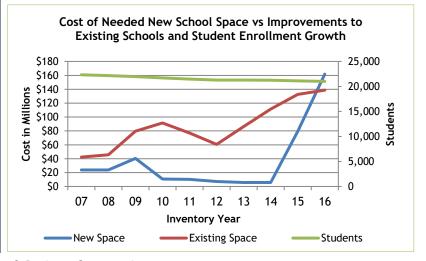
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Sullivan County Total Estimated Cost\* for** Infrastructure Improvements \$1,026,649,105 **Transportation** (in millions) \$600 Cost of Completions \$35 \$30 \$500 \$400 \$25 \$20 ð \$300 Cost \$200 \$100 \$0 Est. 0 1 2 2 4 5 4 5 4 8 Inventory Year Completed **New Public Schools & Additions** (in millions) \$200 \$20 Completions Est. Cost of Needs \$150 \$15 \$100 \$10 Cost of \$50 \$5 \$0 Est. 00 00 00 11 11 12 14 15 15 Inventory Year Completed **School Renovations** (in millions)

### Estimated Cost of Needed Infrastructure for Sullivan County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 355,897,881	\$ 150,184,777
New Public Schools & Additions	126,180,000	35,500,000
School Renovations	88,402,000	50,294,549
Water and Wastewater	22,530,000	64,698,366
Housing	6,875,000	49,525,000
Post-secondary Education	820,000	44,115,000
Recreation	4,150,000	10,663,321
Industrial Sites and Parks	2,000,000	3,967,000
Fire Protection	300,000	4,440,000
Storm Water	500,000	3,300,000
Other Facilities	1,500,000	60,000
Libraries, Museums, & Historic Sites	300,000	75,211
<b>Business District Development</b>	-	156,000
Public Buildings	-	150,000
Community Development	65,000	-
Broadband	-	-
Law Enforcement	-	-
Other Education	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 609,519,881	\$ 417,129,224





<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

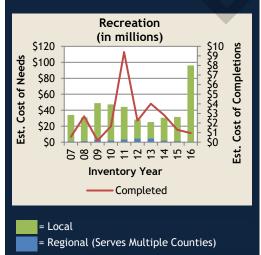
### **Sumner County**

Total Estimated Cost\* for Infrastructure Improvements \$825,577,384

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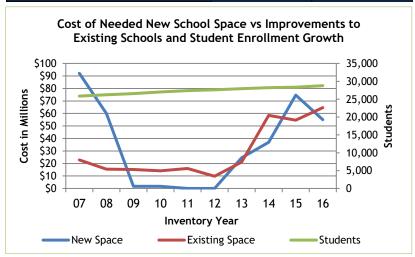






### Estimated Cost of Needed Infrastructure for Sumner County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 142,195,358	\$ 205,900,577
Water and Wastewater	40,539,000	123,620,000
Recreation	74,886,531	21,067,189
School Renovations	2,549,000	62,070,729
New Public Schools & Additions	55,000,000	-
Post-secondary Education	1,660,000	33,290,000
Fire Protection	8,200,000	4,464,000
Community Development	5,100,000	6,000,000
Law Enforcement	3,000,000	4,800,000
Other Utilities	-	7,500,000
Public Buildings	2,175,000	5,250,000
Libraries, Museums, & Historic Sites	6,310,000	865,000
Storm Water	1,410,000	3,675,000
<b>Business District Development</b>	2,000,000	-
Other Facilities	1,300,000	-
Industrial Sites and Parks	-	750,000
Broadband	-	-
Housing	-	-
Other Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 346,324,889	\$ 479,252,495

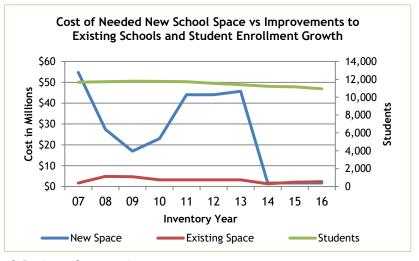


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Tipton County Total Estimated Cost\* for** Infrastructure Improvements \$425,812,162 **Transportation** (in millions) \$500 \$35 Cost of Completions Cost of Needs \$30 \$400 \$25 \$300 \$20 \$200 \$15 \$100 \$5 \$0 00 00 10 11 11 11 15 16 Est, Inventory Year Completed Water and Wastewater (in millions) \$30 \$6 Cost of Completions Est. Cost of Needs \$5 \$25 \$20 \$4 \$15 \$3 \$10 \$2 \$5 \$1 \$0 **Inventory Year** Completed Recreation (in millions) \$5 .0.8.6.4.2.0.8.6.4.2.0 Cost of Completions Est. Cost of Needs \$4 \$3 \$2 \$1 \$0 Est. 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Tipton County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 106,205,000	\$ 295,267,778
Water and Wastewater	7,200,000	1,300,000
Recreation	3,155,000	1,145,384
Law Enforcement	-	3,500,000
Post-secondary Education	410,000	3,020,000
School Renovations	2,209,000	100,000
New Public Schools & Additions	-	1,700,000
Housing	-	600,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 119,179,000	\$ 306,633,162



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Trousdale County**

Total Estimated Cost\* for Infrastructure Improvements \$108,900,527

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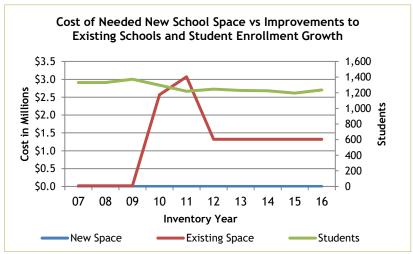






### Estimated Cost of Needed Infrastructure for Trousdale County Five-year period July 2016 through June 2021

				nning & esign +
Project Type	Concep	tual	Cons	truction
Transportation	\$ 24,8	58,000	\$ 5	3,244,399
Water and Wastewater		-	1	8,102,128
Industrial Sites and Parks	1,0	00,000		5,736,000
Business District Development		-		2,890,000
Law Enforcement		-		1,750,000
School Renovations	8	00,000		520,000
Broadband		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
Recreation		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$ 26,6	58,000	\$ 8	2,242,527

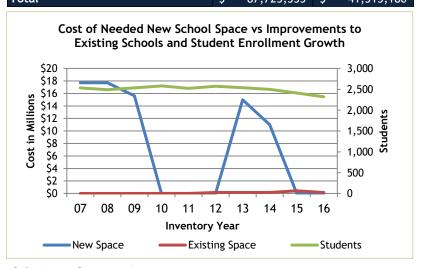


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Unicoi County Total Estimated Cost\* for** Infrastructure Improvements \$129,038,735 **Transportation** (in millions) \$70 \$5 Cost of Completions Est. Cost of Needs \$60 \$4 \$50 \$3 \$40 \$30 \$2 \$20 \$10 Est. 90 11 12 14 15 15 16 17 8 Inventory Year Completed Recreation (in millions) \$30 Cost of Completions \$1.4 \$1.2 \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 Cost of Needs \$25 \$20 \$15 \$10 \$5 \$0 00 00 11 13 15 15 15 Inventory Year Completed **Community Development** (in millions) \$3.0 \$45 \$40 \$35 \$30 \$25 \$15 \$10 \$5 \$0 Cost of Completions Est. Cost of Needs \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Est. 00 00 00 11 11 11 14 14 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Unicoi County Five-year period July 2016 through June 2021

Project Type	C	onceptual		lanning & Design + nstruction
Transportation	\$	41,781,000	\$	22,492,446
Recreation		13,357,355		14,479,734
Community Development		17,500,000		-
Water and Wastewater		12,342,200		1,705,000
Broadband		1,795,000		1,952,000
Business District Development		-		684,000
Industrial Sites and Parks		650,000		-
Housing		150,000		-
School Renovations		150,000		-
Fire Protection		-		-
Law Enforcement		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$	87,725,555	\$	41,313,180



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

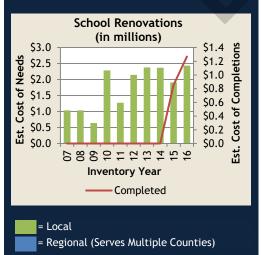
### **Union County**

Total Estimated Cost\* for Infrastructure Improvements \$124,161,161

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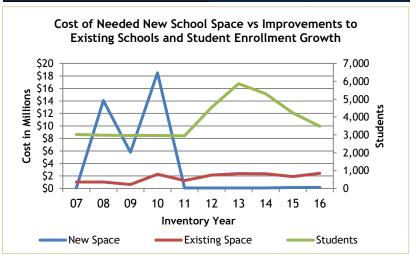






### Estimated Cost of Needed Infrastructure for Union County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 10,325,000	\$ 104,876,796
Recreation	4,200,000	-
School Renovations	2,093,065	341,300
Industrial Sites and Parks	1,200,000	-
Water and Wastewater	-	400,000
Community Development	300,000	-
Public Health Facilities	250,000	-
New Public Schools & Additions	175,000	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 18,543,065	\$ 105,618,096

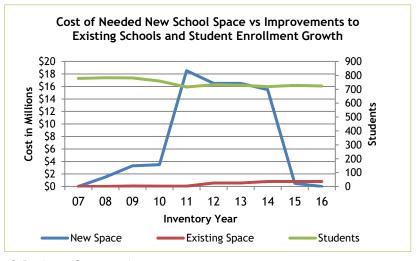


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### Van Buren County **Total Estimated Cost\* for** Infrastructure Improvements \$81,759,340 **Transportation** (in millions) \$100 \$80 \$70 \$60 \$50 \$40 \$30 \$20 \$10 **Cost of Completions** Est. Cost of Needs \$80 \$60 \$40 \$20 \$0 0 0 1 1 2 1 5 5 5 Est. 8 Inventory Year Completed Water and Wastewater (in millions) \$5 \$70 Est. Cost of Completions Est. Cost of Needs \$60 \$4 \$50 \$3 \$40 \$30 \$2 \$20 \$10 \$0 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$12 09.8.7.6.5.4.3.2.1 Cost of Completions \$10 Est. Cost of Needs \$8 \$6 \$4 \$2 \$0 Est. 00 00 00 11 11 11 15 15 16 17 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Van Buren County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 614,000	\$ 26,244,340
Water and Wastewater	10,300,000	-
Industrial Sites and Parks	10,000,000	-
Recreation	1,330,000	6,800,000
Community Development	-	8,050,000
Law Enforcement	-	7,000,000
Public Health Facilities	6,000,000	-
Public Buildings	-	4,000,000
School Renovations	290,000	500,000
Other Utilities	-	631,000
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 28,534,000	\$ 53,225,340



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

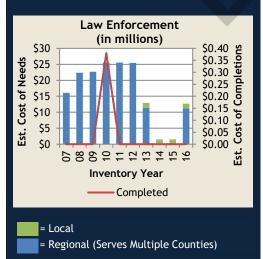
## **Warren County**

Total Estimated Cost\* for Infrastructure Improvements \$127,985,288

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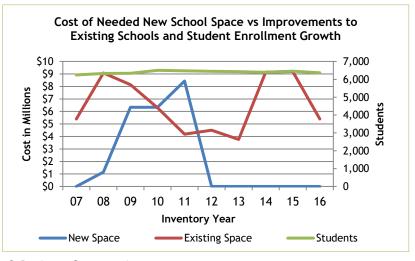






### Estimated Cost of Needed Infrastructure for Warren County Five-year period July 2016 through June 2021

			Planning & Design +	
Project Type	Conceptual			struction
Transportation	\$ 30,8	361,000	\$ !	55,810,188
Water and Wastewater	4,5	500,000		12,115,000
Law Enforcement	12,7	700,000		-
School Renovations	3,9	963,100		1,436,000
Recreation		-		5,000,000
Public Buildings	1,0	000,000		300,000
Fire Protection	3	300,000		-
Broadband		-		-
Business District Development		-		-
Community Development		-		-
Housing		-		-
Industrial Sites and Parks		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$ 53,3	324,100	\$	74,661,188

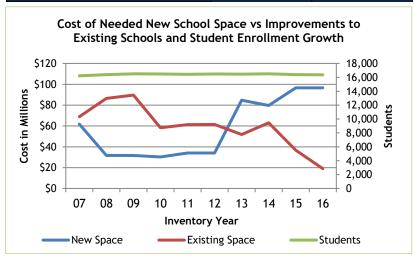


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Washington County Total Estimated Cost\* for** Infrastructure Improvements \$813,182,654 **Transportation** (in millions) \$300 \$30 Cost of Completions \$250 \$25 \$200 \$20 Cost of \$150 \$100 \$50 Est. \$0 0 1 2 2 4 5 5 Est. 8 Inventory Year Completed Post-secondary Education (in millions) \$300 \$50 Cost of Completions of Needs \$250 \$40 \$200 \$30 \$150 Cost \$100 \$50 Est. \$0 Est. **Inventory Year** Completed Water and Wastewater (in millions) \$250 \$60 Cost of Completions Cost of Needs \$50 \$200 \$40 \$150 \$30 \$100 \$20 \$50 \$10 Est. \$0 \$0 Est. 00 00 00 00 11 11 11 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Washington County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 113,876,000	\$ 117,268,464	
Post-secondary Education	27,000,000	139,066,179	
Water and Wastewater	77,220,000	66,804,000	
New Public Schools & Additions	96,175,500	500,000	
Recreation	12,825,000	47,976,006	
Housing	17,980,000	31,796,500	
School Renovations	13,421,000	5,581,000	
School-System-wide	4,300,000	7,174,000	
Law Enforcement	7,800,000	2,029,005	
Other Facilities	-	8,000,000	
Libraries, Museums, & Historic Sites	1,940,000	2,700,000	
Industrial Sites and Parks	2,000,000	900,000	
Public Health Facilities	2,800,000	-	
<b>Business District Development</b>	2,000,000	-	
Public Buildings	-	2,000,000	
Fire Protection	1,990,000	-	
Solid Waste	60,000	-	
Broadband	-	-	
Community Development	-	-	
Other Education	-	-	
Other Utilities	-	-	
Storm Water	-	-	
Total	\$ 381,387,500	\$ 431,795,154	



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Wayne County**

Total Estimated Cost\* for Infrastructure Improvements \$118,595,607

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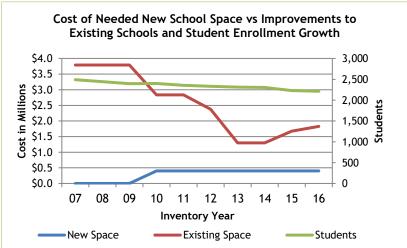






### Estimated Cost of Needed Infrastructure for Wayne County Five-year period July 2016 through June 2021

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 45,076,000	\$ 45,594,607	
Law Enforcement	-	22,200,000	
Industrial Sites and Parks	2,000,000	-	
School Renovations	1,675,000	150,000	
Community Development	1,500,000	-	
New Public Schools & Additions	400,000	-	
Broadband	-	-	
Business District Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
Recreation	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Water and Wastewater	-	-	
Total	\$ 50,651,000	\$ 67,944,607	

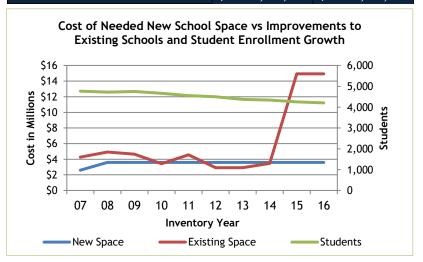


<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

#### **Weakley County Total Estimated Cost\* for** Infrastructure Improvements \$269,925,551 **Post-secondary Education** (in millions) \$200 Cost of Completions \$35 \$30 Est. Cost of Needs \$150 \$100 \$50 \$0 Est. 0 1 2 2 4 5 4 5 4 8 Inventory Year Completed Transportation (in millions) \$50 \$6 Cost of Completions Est. Cost of Needs \$5 \$40 \$30 \$3 \$20 \$2 \$10 \$0 Est. 00 00 00 11 11 12 14 15 15 **Inventory Year** Completed **School Renovations** (in millions) \$16 \$14 \$12 \$10 Cost of Completions \$1.4 \$1.2 \$1.0 Est. Cost of Needs \$0.8 \$0.6 \$8 \$6 \$4 \$2 \$0 \$0.4 \$0.2 Est. 00 00 11 12 15 15 15 15 Inventory Year Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Weakley County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Post-secondary Education	\$ 140,934,000	\$ 44,710,000
Transportation	36,956,000	7,922,022
School Renovations	1,725,000	13,194,976
Libraries, Museums, & Historic Sites	5,500,000	-
Law Enforcement	-	4,500,000
New Public Schools & Additions	3,600,000	-
Water and Wastewater	2,500,000	498,920
Recreation	850,000	1,284,633
Industrial Sites and Parks	1,900,000	-
Public Buildings	1,400,000	150,000
Fire Protection	300,000	1,000,000
Storm Water	1,000,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 196,665,000	\$ 73,260,551



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

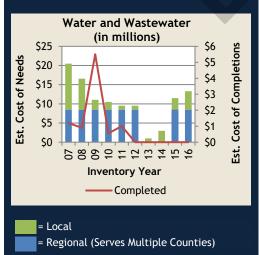
# White County

Total Estimated Cost\* for Infrastructure Improvements \$134,363,824

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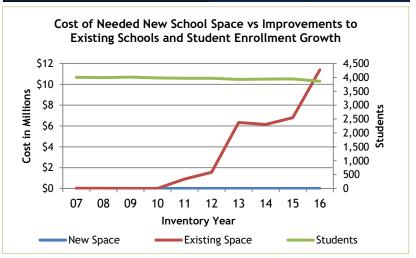






### Estimated Cost of Needed Infrastructure for White County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 45,822,000	\$ 11,890,855
Industrial Sites and Parks	40,000,000	-
Water and Wastewater	9,500,000	3,800,000
School Renovations	2,200,000	9,185,000
Public Buildings	4,000,000	-
Law Enforcement	3,000,000	-
Solid Waste	-	3,000,000
Other Utilities	900,000	-
Recreation	-	490,000
Fire Protection	-	428,380
Libraries, Museums, & Historic Sites	-	147,589
Broadband	-	-
<b>Business District Development</b>	-	-
Community Development	-	-
Housing	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 105,422,000	\$ 28,941,824



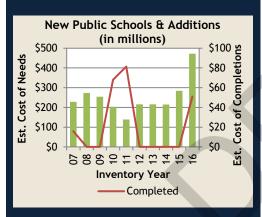
<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

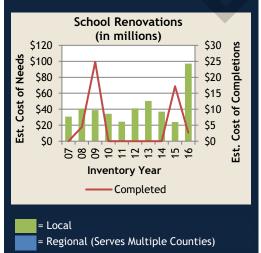
# Williamson County

Total Estimated Cost\* for Infrastructure Improvements \$1,609,112,674

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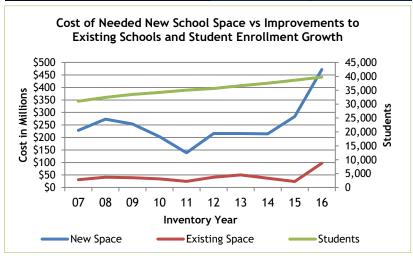






### Estimated Cost of Needed Infrastructure for Williamson County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 219,877,327	\$ 510,316,344
New Public Schools & Additions	306,360,000	165,400,000
School Renovations	65,708,000	31,402,000
Water and Wastewater	39,916,000	54,554,000
Recreation	43,407,500	24,206,359
Post-secondary Education	-	52,760,000
Fire Protection	30,400,000	15,247,984
Public Buildings	-	26,500,000
Community Development	5,292,500	7,584,000
Libraries, Museums, & Historic Sites	6,820,760	1,327,800
Solid Waste	-	1,262,000
Storm Water	-	595,100
<b>Business District Development</b>	-	175,000
Broadband	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Total	\$ 717,782,087	\$ 891,330,587



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

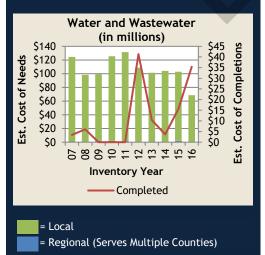
### **Wilson County**

Total Estimated Cost\* for Infrastructure Improvements \$1,063,317,930

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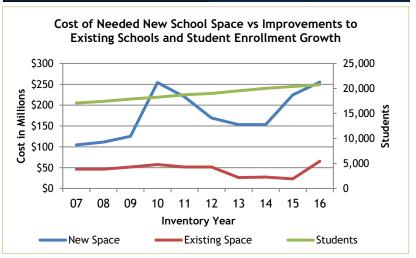






### Estimated Cost of Needed Infrastructure for Wilson County Five-year period July 2016 through June 2021

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 330,111,000	\$ 211,055,817
New Public Schools & Additions	185,200,000	70,000,000
Water and Wastewater	26,770,000	41,895,000
School Renovations	16,630,940	48,675,000
Industrial Sites and Parks	40,000,000	-
Recreation	3,897,216	25,232,957
School-System-wide	-	23,265,000
Other Utilities	-	15,750,000
Law Enforcement	11,840,000	-
Fire Protection	2,000,000	3,575,000
Public Buildings	2,500,000	100,000
Solid Waste	2,500,000	-
Public Health Facilities	1,720,000	-
Community Development	-	600,000
Broadband	-	-
Business District Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Storm Water	-	-
Total	\$ 623,169,156	\$ 440,148,774



<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction

### **Multi-county Total Estimated Cost\* for** Infrastructure Improvements \$2,771,102,458 Transportation (in millions) \$200 \$150 \$150 \$100 \$100 \$100 \$2,500 \$2,000 \$1,000 Est. Cost of \$500 \$0 04 05 07 17 17 17 17 17 17 17 **Inventory Year** Completed Water and Wastewater (in millions) \$500 Est. Cost of Needs \$400 \$300 \$200 \$100 \$0 00 00 01 11 12 14 15 15 15 **Inventory Year** Completed Other Utilities (in millions) \$300 \$7 Est. Cost of Completions \$6 \$5 \$4 \$3 \$2 \$1 Cost of Needs \$250 \$200 \$150 \$100 \$50 \$0 07 08 09 11 11 13 15 15 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Multi-county Five-year period July 2016 through June 2021

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 1,301,722,000	\$ 613,467,124
Water and Wastewater	24,106,410	407,544,000
Other Utilities	89,200,000	187,015,000
Law Enforcement	5,430,000	74,730,000
Post-secondary Education	26,820,000	10,635,539
Recreation	5,785,000	15,000,000
Public Buildings	-	9,367,900
Fire Protection	158,000	-
Libraries, Museums, & Historic Sites	-	121,485
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Public Health Facilities	-	-
School Renovations	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 1,453,221,410	\$ 1,317,881,048

<sup>\*</sup>Total Estimated Cost = Conceptual + Planning & Design + Construction