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

July 2017 through June 2022

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 is 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.

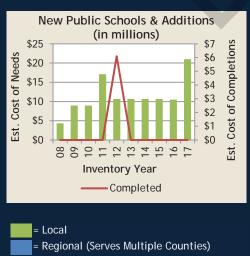




Anderson County Total Estimated Cost* for Infrastructure Improvements \$221,162,423

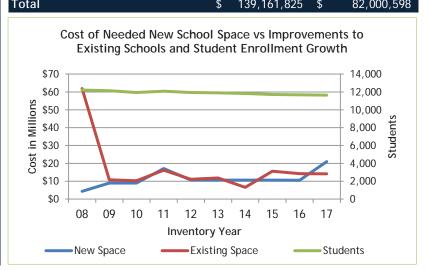






Estimated Cost of Needed Infrastructure for Anderson County Five-year period July 2017 through June 2022

				DI-	0 D
	Project Type	(Conceptual		nning & Design Construction
	Transportation	\$	58,889,000	\$	37,720,631
	Water and Wastewater		49,900,000		13,244,000
	New Public Schools & Additions		11,000,000		10,000,000
	Recreation		7,745,000		6,891,265
	School Renovations		3,853,825		10,312,496
	Community Development		3,474,000		-
	Post-secondary Education		-		1,767,206
	Public Health Facilities		1,250,000		-
	Other Facilities		500,000		500,000
	School-System-wide		1,000,000		-
	Law Enforcement		800,000		-
	Public Buildings		-		750,000
	Solid Waste		-		565,000
	Industrial Sites and Parks		500,000		-
	Fire Protection		250,000		-
	Other Utilities		-		250,000
	Broadband		-		-
	Business District Development		-		-
	Housing		-		-
	Libraries, Museums, & Historic Sites		-		-
١	Other Education		-		-
	Storm Water		<u>-</u>		
	Total	\$	139,161,825	\$	82,000,598

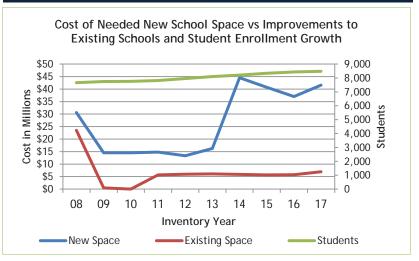


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Bedford County Total Estimated Cost* for Infrastructure Improvements \$366,675,785 Transportation (in millions) \$300 \$50 Cost of Completions Cost of Needs \$250 \$40 \$200 \$30 \$150 \$100 \$50 Est. \$0 Est. **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$50 \$20 Completions Est. Cost of Needs \$40 \$15 \$30 \$10 \$20 Cost of \$10 **Inventory Year** -Completed Water and Wastewater (in millions) \$30 Completions \$60 of Needs \$25 \$50 \$20 \$40 \$15 \$30 Cost \$20 \$10 of Cost \$10 \$5 \$0 Est. 08 09 11 12 12 14 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Bedford County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 71,465,000	\$ 205,109,293
New Public Schools & Additions	16,197,192	25,400,000
Water and Wastewater	20,800,000	2,200,000
School Renovations	5,550,000	1,420,000
Public Buildings	-	6,110,000
Law Enforcement	5,710,000	-
Recreation	2,540,000	1,050,000
Fire Protection	1,200,000	424,300
Other Utilities	-	1,500,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 123,462,192	\$ 243,213,593



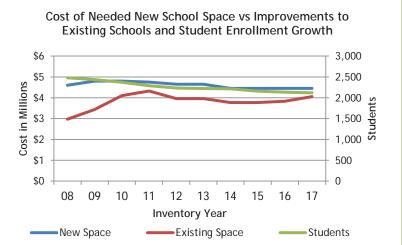
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Benton County Total Estimated Cost* for Infrastructure Improvements \$213,148,743 Transportation (in millions) \$250 \$5 Est. Cost of Completions Est. Cost of Needs \$200 \$4 \$3 \$150 \$100 \$50 \$0 80 **Inventory Year** Completed Water and Wastewater (in millions) \$12 \$1.2 of Completions Est. Cost of Needs \$1.0 \$10 \$0.8 \$8 \$6 \$0.6 \$4 \$0.4 Cost \$2 \$0.2 \$0.0 \$0 **Inventory Year** -Completed New Public Schools & Additions

Estimated Cost of Needed Infrastructure for Benton County Five-year period July 2017 through June 2022

	Project Type	(Conceptual	ning & Design construction
	Transportation	\$	126,511,000	\$ 66,165,455
	Water and Wastewater		10,000,000	-
	New Public Schools & Additions		4,450,000	-
	School Renovations		3,262,000	793,288
	Recreation		815,000	752,000
	Public Buildings		75,000	325,000
	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		-	-
	Post-secondary Education		-	-
	Public Health Facilities		-	-
	School-System-wide		-	-
	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	145,113,000	\$ 68,035,743





^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Bledsoe County Estimated Cost of Needed Infrastructure for Bledsoe County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$76,477,657 Planning & Design + Construction Project Type Conceptual Law Enforcement 4,000,000 41,500,000 Transportation 11,980,000 315,000 Law Enforcement **Public Health Facilities** 9,387,657 (in millions) \$60 Cost of Completions School Renovations 5,615,000 580,000 Cost of Needs \$50 \$5 **Public Buildings** 2,000,000 \$40 Water and Wastewater 600,000 \$30 \$20 Recreation 500,000 \$10 Est. Broadband \$0 **Business District Development** 80 Est. 11 12 13 14 15 17 **Inventory Year** Community Development -Completed Fire Protection Housing Transportation Industrial Sites and Parks (in millions) Libraries, Museums, & Historic Sites \$25 \$3.0 of Completions of Needs \$2.5 New Public Schools & Additions \$20 \$2.0 Other Education \$15 \$1.5 Other Facilities Cost \$10 \$1.0 Other Utilities Cost \$5 \$0.5 Post-secondary Education School-System-wide **Inventory Year** Solid Waste Completed Storm Water Total 22,095,000 54,382,657 **Public Health Facilities** (in millions) Cost of Needed New School Space vs Improvements to \$0.07 \$10 \$9 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 Completions **Existing Schools and Student Enrollment Growth** \$0.06 Cost of Needs \$0.05 \$9 2,000 \$0.04 1,800 \$8 \$0.03 \$7 \$6 \$5 1,600 of 1,400 \$0.02 Cost 1,200 1,000 800 Students \$0.01 \$0.00 .⊑ \$4 Est. Cost \$3 600 **Inventory Year** \$2 400 \$1 200 Completed \$0 0 80 09 10 12 13 14 15 17 16 = Local **Inventory Year** = Regional (Serves Multiple Counties) Existing Space **New Space** Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Blount County Total Estimated Cost* for Infrastructure Improvements \$671,404,228 Transportation (in millions) \$800 \$35 Cost of Completions \$700 \$30 \$600 \$25 \$500 \$20 of \$400 \$15 Cost \$300 \$200 \$100 Est. 80 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$40 \$120 Cost of Completions \$35 of Needs \$100 \$30 \$80 \$25 \$60 \$20 Cost \$15 \$40 \$10 Est. \$20 \$5 \$0 Est. 08 09 11 11 11 11 11 11 11 11 11 **Inventory Year** Completed

Recreation (in millions)

08 00 11 11 12 13 15 16

Completed

Inventory Year

= Regional (Serves Multiple Counties)

\$35

\$30 \$25

\$20

\$15

\$10

\$5

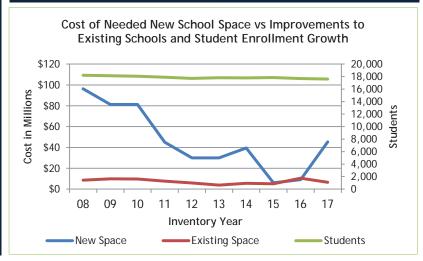
\$0

= Local

Cost

Estimated Cost of Needed Infrastructure for Blount County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 96,456,780	\$ 444,182,019
New Public Schools & Additions	33,000,000	12,300,999
Recreation	26,075,470	7,065,117
Water and Wastewater	18,800,000	5,459,080
Post-secondary Education	16,955,000	1,400,000
School Renovations	3,985,000	2,517,963
Public Buildings	-	2,561,000
Other Facilities	-	338,800
Law Enforcement	-	240,000
Fire Protection	67,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Site		-
Other Education	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 195,339,250	\$ 476,064,978



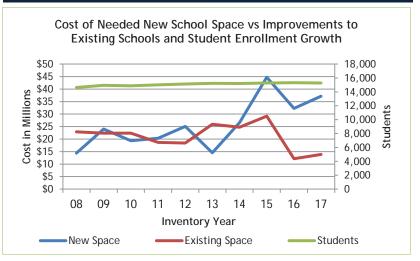
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Est.

Bradley County Total Estimated Cost* for Infrastructure Improvements \$378,504,162 Transportation (in millions) \$250 \$80 Cost of Completions \$70 \$60 Est. Cost of Needs \$200 \$50 \$150 \$40 \$100 \$30 \$20 \$50 \$10 \$0 \$0 80 11 113 115 115 17 Est. **Inventory Year** -Completed **Public Health Facilities** (in millions) \$50 \$1.0 Est. Cost of Completions of Needs \$40 \$0.8 \$30 \$0.6 Cost \$20 \$0.4 \$10 \$0.2 Est. \$0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed New Public Schools & Additions (in millions) \$12 Cost of Completions \$50 \$45 \$40 \$35 \$30 \$25 \$15 \$10 \$5 Est. Cost of Needs \$10 \$8 \$6 \$4 \$2 Est. 08 09 11 11 12 13 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Bradley County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 75,561,898	\$ 153,833,897
Public Health Facilities	-	40,500,000
New Public Schools & Additions	1,875,000	35,275,500
Water and Wastewater	6,614,000	10,455,000
School-System-wide	-	16,000,000
School Renovations	5,464,000	8,419,000
Industrial Sites and Parks	-	6,000,000
Post-secondary Education	750,000	2,788,167
Recreation	100,000	3,324,349
Fire Protection	-	3,111,071
Other Facilities	3,000,000	-
Community Development	2,500,000	152,280
Public Buildings	-	2,000,000
Libraries, Museums, & Historic Sites	780,000	-
Broadband	-	-
Business District Development	-	-
Housing	-	-
Law Enforcement	-	-
Other Education	-	-
Other Utilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 96,644,898	\$ 281,859,264

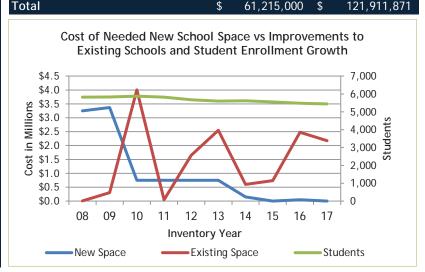


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Campbell County Total Estimated Cost* for Infrastructure Improvements \$183,126,871 Transportation (in millions) \$200 \$14 Cost of Completions Est. Cost of Needs \$12 \$150 \$10 \$8 \$100 \$6 \$50 \$0 Est. 80 11 113 115 115 17 **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$10 Est. Cost of Completions Est. Cost of Needs \$8 \$20 \$15 \$6 \$10 \$5 **Inventory Year** -Completed **Industrial Sites and Parks** (in millions) \$0.6 \$0.5 \$0.4 \$0.2 \$0.2 \$0.2 \$0.2 \$0.1 00 \$0.0 Est. 80 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Campbell County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 49,420,000	\$ 107,437,871
Water and Wastewater	3,950,000	6,014,000
Industrial Sites and Parks	1,500,000	3,180,000
Broadband	1,000,000	2,400,000
Recreation	2,480,000	170,000
School Renovations	65,000	2,110,000
Public Buildings	2,000,000	-
Fire Protection	700,000	-
Other Utilities	-	600,000
Community Development	100,000	-
Business District Development	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 61 215 000	\$ 121 911 871



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Cannon County Estimated Cost of Needed Infrastructure for Cannon County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$92,674,031 Project Type Conceptual Transportation 83,089,000 Water and Wastewater 6,000,000 Transportation Industrial Sites and Parks 3,000,000 (in millions) \$100 \$6 of Completions School Renovations Cost of Needs \$5 \$80 **Broadband** \$4 \$60 **Business District Development** \$3 \$40 Community Development \$20 Cost Est. Fire Protection \$0 11 2 11 Housing Est. 80 **Inventory Year** Law Enforcement Completed Libraries, Museums, & Historic Sites New Public Schools & Additions Water and Wastewater Other Education (in millions) Other Facilities \$7 \$0.6 of Completions Cost of Needs \$6 \$0.5 Other Utilities \$5 \$0.4 Post-secondary Education \$4 \$0.3 Public Buildings \$3 \$0.2 \$2 Public Health Facilities Cost Est. \$0.1 \$1 Recreation \$0.0 08 09 09 11 11 11 11 11 11 11 11 11 School-System-wide **Inventory Year** Solid Waste -Completed Storm Water Total 92,089,000 **Industrial Sites and Parks** (in millions) Cost of Needed New School Space vs Improvements to \$3.5 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Cost of Completions **Existing Schools and Student Enrollment Growth** \$3.0 \$2.5 \$0.7 \$2.0 of \$0.6 \$1.5 \$0.5 \$0.5 \$0.4 \$0.3 \$0.2 Cost \$1.0 \$0.5 Est. \$0.0 Est. **Inventory Year** \$0.1 Completed \$0.0 80 09 10 12 13 14 15 = Local **Inventory Year** Regional (Serves Multiple Counties) Existing Space New Space

Planning & Design + Construction

475,000

110,031

585,031

2,500

2,000

1,500 standard 1,000 Standard 1,000

500

17 16

Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Carroll County

Total Estimated Cost* for Infrastructure Improvements \$120,904,823

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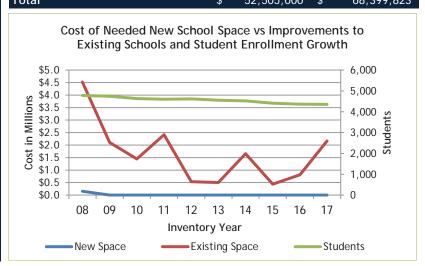






Estimated Cost of Needed Infrastructure for Carroll County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 44,572,000	\$ 66,749,174
Water and Wastewater	1,933,000	583,333
School Renovations	2,000,000	167,316
Recreation	1,225,000	576,000
Public Buildings	1,500,000	-
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	\$ 52,505,000	\$ 68,399,823

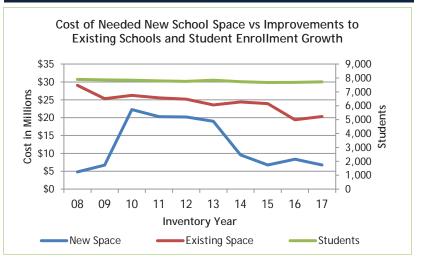


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Carter County Total Estimated Cost* for Infrastructure Improvements \$212,187,932 Transportation (in millions) \$200 \$80 Cost of Completions \$70 \$60 Est. Cost of Needs \$150 \$50 \$40 \$100 \$30 \$50 \$20 \$10 \$0 \$0 80 Est. **Inventory Year** Completed Recreation (in millions) \$1.6 \$1.4 \$1.2 \$1.2 \$1.0 \$0.8 \$0.8 \$0.6 \$35 Cost of Needs \$30 \$25 \$20 \$15 \$0.6 \$0.4 \$0.2 \$0.2 \$10 Est. \$5 \$0.0 **Inventory Year** -Completed Water and Wastewater (in millions) \$80 Cost of Completions \$20 \$18 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 \$70 of Needs \$60 \$50 \$40 Cost \$30 \$20 \$10 Est. 08 09 11 11 12 13 14 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Carter County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 84,190,000	\$ 29,524,634
Recreation	7,445,000	21,349,800
Water and Wastewater	22,354,566	801,364
School Renovations	17,749,650	2,598,869
New Public Schools & Additions	6,700,000	60,000
Post-secondary Education	2,050,000	3,637,049
Law Enforcement	570,000	2,700,000
Housing	1,200,000	1,750,000
Fire Protection	2,250,000	-
Libraries, Museums, & Historic Sites	1,910,000	-
Public Health Facilities	-	1,000,000
Solid Waste	950,000	-
Industrial Sites and Parks	697,000	-
Business District Development	-	500,000
Public Buildings	200,000	-
Broadband	-	-
Community Development	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 148,266,216	\$ 63,921,716



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Cheatham County

Total Estimated Cost* for Infrastructure Improvements \$151,288,959

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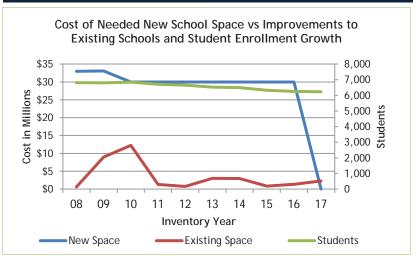






Estimated Cost of Needed Infrastructure for Cheatham County Five-year period July 2017 through June 2022

	Project Type	С	onceptual	ing & Design onstruction
	Transportation	\$	41,911,000	\$ 45,905,895
	Water and Wastewater		4,750,000	14,707,000
	Recreation		12,665,295	2,548,059
	Law Enforcement		-	12,000,000
	Public Buildings		1,600,000	5,000,000
	Community Development		3,000,000	-
	School Renovations		1,162,000	1,109,000
	Industrial Sites and Parks		2,100,000	-
	Fire Protection		300,000	780,710
	Libraries, Museums, & Historic Sites		1,000,000	-
	Business District Development		500,000	-
	Storm Water		200,000	-
	Other Facilities		50,000	-
	Broadband		-	-
L	Housing		-	-
	New Public Schools & Additions		-	-
	Other Education		-	-
	Other Utilities		-	-
	Post-secondary Education		-	-
	Public Health Facilities		-	-
	School-System-wide		-	-
	Solid Waste		=	=
	Total	\$	69,238,295	\$ 82,050,664

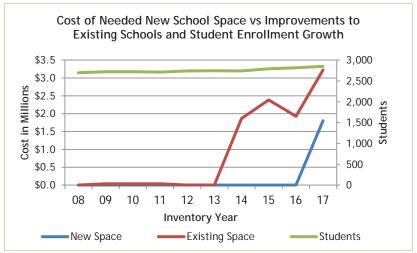


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Chester County Total Estimated Cost* for Infrastructure Improvements \$50,210,615 Transportation (in millions) \$35 \$25 Cost of Completions Cost of Needs \$30 \$20 \$25 \$15 \$20 \$15 \$10 \$5 Est. \$5 \$0 10 11 11 11 11 11 11 11 11 Est. 80 **Inventory Year** Completed Water and Wastewater (in millions) \$14 \$0.5 of Completions Cost of Needs \$12 \$0.4 \$10 \$0.3 \$8 \$6 \$0.2 \$4 \$0.1 Cost Est. \$2 08 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Recreation (in millions) \$7 \$1.2 Cost of Completions \$6 of Needs \$1.0 \$5 \$0.8 \$4 \$0.6 \$3 Cost \$0.4 \$2 \$1 \$0.2 \$0.0 Est. 11 12 13 14 16 17 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Chester County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 24,685,000	\$ 5,150,865
Water and Wastewater	6,900,000	250,000
Recreation	1,900,000	3,845,000
School Renovations	3,094,750	130,000
New Public Schools & Additions	-	1,800,000
Other Facilities	1,335,000	-
Law Enforcement	1,120,000	-
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	-	-
Storm Water	-	-
Total	\$ 39,034,750	\$ 11,175,865

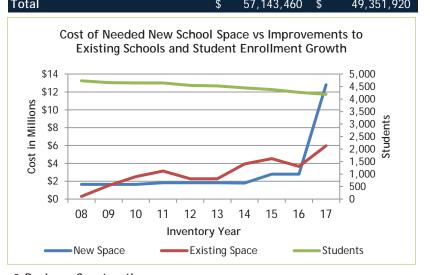


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Claiborne County **Total Estimated Cost* for** Infrastructure Improvements \$106,495,380 Transportation (in millions) \$200 \$40 Cost of Completions \$35 \$30 Est. Cost of Needs \$150 \$25 \$20 \$15 \$100 \$50 \$5 \$0 \$0 80 Est. 10 11 11 11 11 11 11 11 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$14 \$1.0 Completions Cost of Needs \$12 \$0.8 \$10 \$0.6 \$8 \$6 \$4 \$0.2 Est. \$2 **Inventory Year** -Completed Water and Wastewater (in millions) \$30 \$16 Cost of Completions \$14 of Needs \$25 \$12 \$10 \$20 \$15 \$8 Cost \$6 \$10 \$4 \$5 \$2 \$0 Est. **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Claiborne County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 25,705,000	\$ 43,443,844
New Public Schools & Additions	12,800,000	-
Water and Wastewater	9,949,720	1,220,000
School Renovations	5,118,740	847,000
Recreation	-	3,257,821
Law Enforcement	1,220,000	-
Business District Development	400,000	583,255
Post-secondary Education	950,000	-
Fire Protection	500,000	-
Public Buildings	500,000	-
Broadband	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 57,143,460	\$ 49.351.920

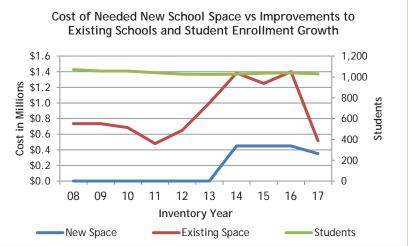


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Clay County Total Estimated Cost* for Infrastructure Improvements \$30,162,659 Transportation (in millions) \$120 \$60 of Completions Cost of Needs \$100 \$50 \$40 \$80 \$30 \$60 \$40 \$20 Cost o \$20 \$10 Est. \$0 \$0 Est. 80 **Inventory Year** Completed Water and Wastewater (in millions) \$8 \$1.2 of Completions \$7 \$6 \$5 Est. Cost of Needs \$1.0 \$0.8 \$4 \$3 \$0.6 \$0.4 \$2 \$1 Cost \$0.2 \$0.0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Law Enforcement (in millions) \$6 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 Cost of Completions of Needs \$5 \$4 \$3 Cost \$2 \$1 Est. \$0 Est. 08 00 11 12 12 14 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Clay County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 6,787,000	\$ 3,390,295
Water and Wastewater	300,000	6,620,364
Law Enforcement	-	5,000,000
Other Utilities	5,000,000	-
Industrial Sites and Parks	1,200,000	500,000
School Renovations	515,000	-
Solid Waste	-	500,000
New Public Schools & Additions	350,000	-
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	\$ 14,152,000	\$ 16,010,659

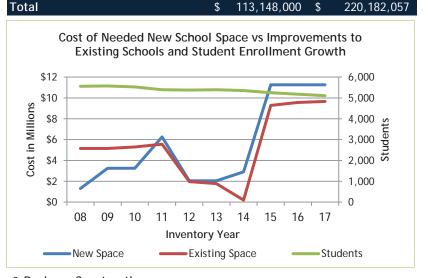


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Cocke County Total Estimated Cost* for Infrastructure Improvements \$333,330,057 Transportation (in millions) \$350 \$60 Cost of Completions \$300 Cost of Needs \$50 \$250 \$40 \$200 \$30 \$150 \$100 \$50 Est. \$0 \$0 80 Est. **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$10 Est. Cost of Completions Est. Cost of Needs \$20 \$8 \$15 \$10 \$5 **Inventory Year** -Completed New Public Schools & Additions (in millions) \$12 \$0.6 of Completions Cost of Needs \$10 \$0.5 \$8 \$0.4 \$6 \$0.3 \$4 \$0.2 Cost \$2 \$0.1 \$0 \$0.0 Est. 08 09 11 12 12 14 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Cocke County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 70,486,000	\$ 201,917,690
Water and Wastewater	20,630,000	2,758,000
New Public Schools & Additions	7,676,000	3,590,000
School Renovations	8,456,000	1,208,807
Broadband	-	7,000,000
Other Utilities	2,900,000	3,200,000
Law Enforcement	3,000,000	-
Recreation	-	507,560
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	\$ 113 1/18 000	\$ 220 182 057

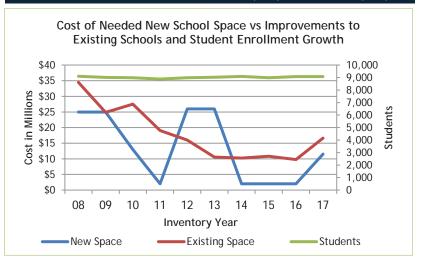


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Coffee County Total Estimated Cost* for Infrastructure Improvements \$191,719,188 Transportation (in millions) \$140 \$20 Cost of Completions Cost of Needs \$120 \$15 \$100 \$80 \$10 \$60 \$40 Est. \$20 \$0 Est. 10 11 11 11 11 11 11 11 11 **Inventory Year** Completed Law Enforcement (in millions) \$80 \$25 Est. Cost of Completions Cost of Needs \$70 \$20 \$60 \$50 \$15 \$40 \$30 \$20 Est. \$10 **Inventory Year** -Completed **School Renovations** (in millions) \$40 \$7 Cost of Completions \$35 \$6 of Needs \$30 \$5 \$25 \$4 \$20 \$3 Cost \$15 \$2 \$10 \$1 \$5 \$0 Est. 08 09 11 11 12 13 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Coffee County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 71,606,000	\$ 37,443,188
Law Enforcement	37,500,000	590,000
School Renovations	10,500,000	6,150,000
New Public Schools & Additions	11,000,000	500,000
Water and Wastewater	4,500,000	5,790,000
Public Buildings	3,180,000	-
Recreation	2,460,000	-
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	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 141,246,000	\$ 50,473,188



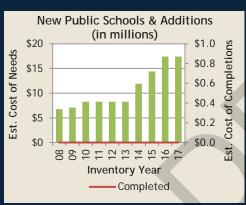
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

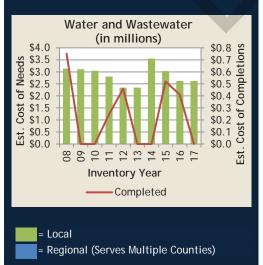
Crockett County Total Estimated Cost* for

Total Estimated Cost* for Infrastructure Improvements \$53,427,941

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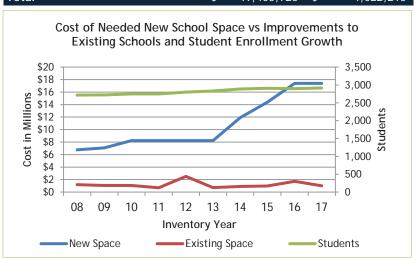






Estimated Cost of Needed Infrastructure for Crockett County Five-year period July 2017 through June 2022

	Project Type	С	onceptual	ing & Design nstruction
	Transportation	\$	26,843,000	\$ 2,957,215
	New Public Schools & Additions		17,400,000	-
	Water and Wastewater		2,622,726	-
	Recreation		1,100,000	-
	School Renovations		740,000	265,000
	Public Buildings		200,000	800,000
	Community Development		500,000	-
	Broadband		-	-
	Business District Development		-	-
	Fire Protection		-	-
	Housing		-	-
	Industrial Sites and Parks		-	-
	Law Enforcement		-	-
	Libraries, Museums, & Historic Sites		-	-
	Other Education		-	-
	Other Facilities		-	-
	Other Utilities		-	-
	Post-secondary Education		-	-
	Public Health Facilities		-	-
	School-System-wide		-	-
١	Solid Waste		-	-
	Storm Water		-	 -
	Total	\$	49,405,726	\$ 4.022.215

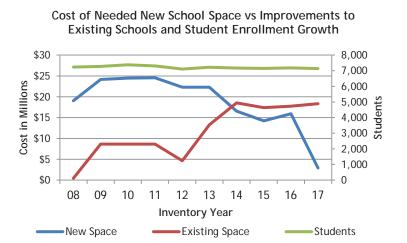


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Cumberland County Total Estimated Cost* for Infrastructure Improvements \$501,807,702 Transportation (in millions) \$500 \$30 Cost of Completions Cost of Needs \$25 \$400 \$20 \$300 \$200 \$100 Est. \$0 \$0 Est. 80 11 113 115 115 17 **Inventory Year** Completed Water and Wastewater (in millions) \$120 Cost of Completions \$7 Est. Cost of Needs \$100 \$6 \$80 \$5 \$60 \$4 \$3 \$40 \$2 \$20 **Inventory Year** Completed Total **Industrial Sites and Parks** (in millions) \$25 Cost of Completions \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 of Needs \$20 \$30 \$15 \$25 Cost \$10 Cost in Millions \$20 \$5 \$15 \$0 Est. 08 09 10 11 \$10 **Inventory Year** \$5 Completed \$0 = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Cumberland County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 37,320,000	\$ 337,192,702
Water and Wastewater	-	69,450,000
Industrial Sites and Parks	-	18,500,000
School Renovations	12,795,000	5,550,000
Recreation	6,510,000	1,270,000
Business District Development	-	6,000,000
New Public Schools & Additions	2,000,000	900,000
Post-secondary Education	2,520,000	-
Other Utilities	-	1,500,000
Storm Water	-	300,000
Broadband	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Site	s -	-
Other Education	-	-
Other Facilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 61,145,000	\$ 440,662,702



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Davidson County

Total Estimated Cost* for Infrastructure Improvements \$8,230,033,464

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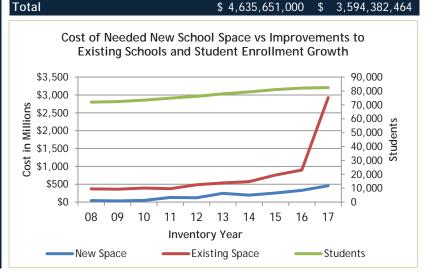






Estimated Cost of Needed Infrastructure for Davidson County Five-year period July 2017 through June 2022

	Project Type	Conceptual	Planning & Design + Construction
	School Renovations	\$ 2,717,049,000	\$ 207,281,200
	Transportation	653,752,000	1,009,449,142
	Water and Wastewater	7,624,000	1,197,471,300
	Law Enforcement	319,540,000	241,090,000
	New Public Schools & Additions	433,566,000	26,200,000
	Libraries, Museums, & Historic Sites	40,783,000	311,265,000
	Public Buildings	81,580,000	257,098,170
	Post-secondary Education	266,320,000	69,040,399
	Storm Water	-	100,000,000
	Public Health Facilities	55,962,000	12,308,000
	Housing	-	54,497,878
	Recreation	2,130,000	46,900,000
	Business District Development	12,000,000	35,500,000
	Other Facilities	30,475,000	6,061,375
	Other Education	14,870,000	5,420,000
	Community Development	-	14,800,000
	Broadband	-	-
	Fire Protection	-	-
	Industrial Sites and Parks	-	-
	Other Utilities	-	-
١	School-System-wide	-	-
	Solid Waste	-	-
	Total	\$ 4 635 651 000	\$ 3,504,382,464



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

DeKalb County Total Estimated Cost* for Infrastructure Improvements \$153,454,370 Transportation (in millions) \$250 \$60 Est. Cost of Completions Cost of Needs \$50 \$200 \$40 \$150 \$30 \$100 \$50 Est. \$0

80

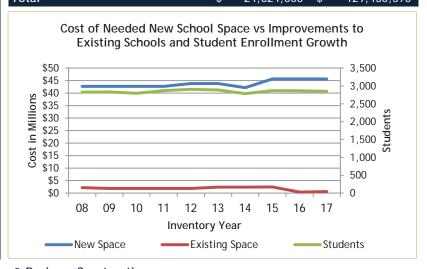


Inventory Year -Completed



Estimated Cost of Needed Infrastructure for DeKalb County Five-year period July 2017 through June 2022

	Project Type	С	onceptual	ning & Design Construction
	Transportation	\$	15,709,000	\$ 83,301,080
	New Public Schools & Additions		3,660,000	42,000,000
	Industrial Sites and Parks		3,250,000	-
	Recreation		330,000	2,200,000
	Water and Wastewater		550,000	1,550,290
	School Renovations		325,000	304,000
	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		-	-
١	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	24,024,000	\$ 129,430,370

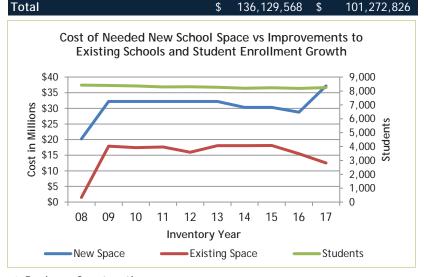


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Dickson County Total Estimated Cost* for Infrastructure Improvements \$237,402,394 Transportation (in millions) \$300 Cost of Completions Cost of Needs \$250 \$5 \$4 \$200 \$150 \$3 \$100 \$50 Est. \$0 Est. 80 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$40 of Completions of Needs \$35 \$0.8 \$30 \$25 \$0.6 \$20 Cost \$0.4 \$15 \$10 \$0.2 Cost \$5 08 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed **Public Buildings** (in millions) \$45 \$40 \$35 \$30 \$25 \$15 \$10 \$10 \$3.5 Completions \$3.0 \$2.5 \$2.0 \$1.5 of \$1.0 Cost \$0.5 \$0.0 Est. 08 09 09 11 11 12 13 14 17 17 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Dickson County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 77,281,000	\$ 43,425,614
New Public Schools & Additions	2,189,620	34,951,000
Public Buildings	31,000,000	3,550,000
Recreation	14,710,000	3,000,000
School Renovations	6,948,948	5,593,717
Water and Wastewater	-	6,400,000
Solid Waste	3,000,000	-
Business District Development	-	2,667,495
Fire Protection	1,000,000	685,000
Post-secondary Education	-	550,000
Community Development	-	450,000
Broadband	-	-
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	\$ 136,129,568	\$ 101,272,826

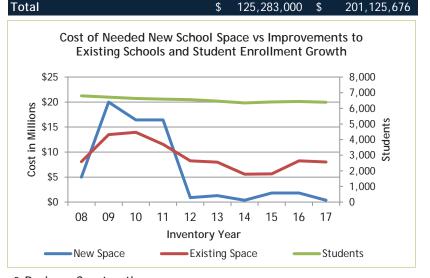


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Dyer County Total Estimated Cost* for Infrastructure Improvements \$326,408,676 Transportation (in millions) \$1,200 Est. Cost of Completions \$7 \$6 \$5 \$4 \$3 Est. Cost of Needs \$1,000 \$800 \$600 \$400 \$2 \$1 \$200 \$0 **Inventory Year** -Completed **School Renovations** (in millions) \$16 \$3.0 of Completions \$14 Est. Cost of Needs \$2.5 \$12 \$2.0 \$10 \$8 \$1.5 \$6 \$1.0 \$4 Cost \$0.5 \$2 \$0.0 08 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Water and Wastewater (in millions) \$12 \$3.0 Completions \$10 Cost of Needs \$2.5 \$8 \$2.0 \$6 \$1.5 \$4 \$1.0 of Cost \$2 \$0.5 \$0 \$0.0 Est. 10 12 13 14 15 17 90 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Dyer County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 111,037,000	\$ 185,597,028
School Renovations	2,560,000	5,446,000
Water and Wastewater	4,950,000	3,000,000
Recreation	150,000	4,200,000
Post-secondary Education	-	2,882,648
Public Buildings	2,006,000	-
Fire Protection	1,250,000	-
Other Facilities	1,100,000	-
Law Enforcement	1,000,000	-
Community Development	800,000	-
New Public Schools & Additions	380,000	-
Solid Waste	50,000	-
Broadband	-	-
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 125 283 000	\$ 201 125 676

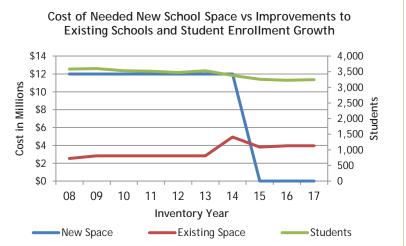


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Fayette County Total Estimated Cost* for Infrastructure Improvements \$243,142,098 Transportation (in millions) \$350 \$40 Cost of Completions \$35 \$30 \$300 Cost of Needs \$250 \$25 \$200 \$20 \$15 \$150 \$100 \$10 \$5 \$0 \$50 Est. \$0 10 11 11 11 11 11 11 11 11 Est. **Inventory Year** Completed Water and Wastewater (in millions) \$30 \$3.0 of Completions of Needs \$25 \$2.5 \$20 \$2.0 \$15 \$1.5 Cost \$1.0 \$10 Est. Cost \$5 \$0.5 Est. \$0 \$0.0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Total Law Enforcement (in millions) \$7 \$2.5 Cost of Completions \$6 of Needs \$2.0 \$5 \$14 \$1.5 \$4 \$12 \$3 \$2 \$1.0 Cost Cost in Millions \$10 \$1 \$8 \$0 \$6 Est. 09 10 11 11 11 11 11 11 11 11 11 \$4 **Inventory Year** \$2 Completed \$0 80 = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Fayette County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 98,586,500	\$ 117,104,266
Water and Wastewater	13,080,365	1,369,839
Law Enforcement	-	4,210,000
School Renovations	3,960,000	-
Post-secondary Education	-	2,631,908
Recreation	725,000	-
Other Utilities	-	524,534
Housing	200,000	230,000
Fire Protection	300,000	-
Community Development	-	219,686
Broadband	-	-
Business District 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	\$ 116,851,865	\$ 126,290,233



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

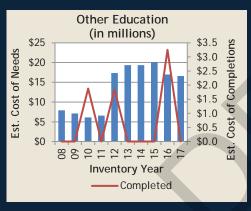
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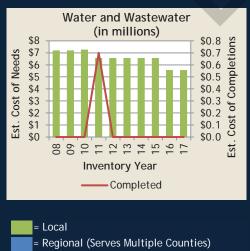
Fentress County

Total Estimated Cost* for Infrastructure Improvements \$139,581,355

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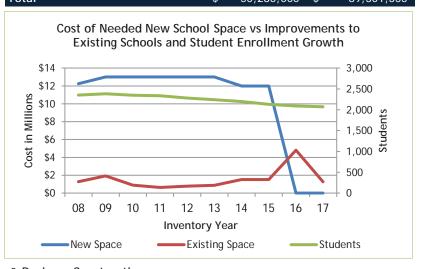






Estimated Cost of Needed Infrastructure for Fentress County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 31,705,000	\$ 75,541,555
Other Education	14,680,000	1,890,000
Water and Wastewater	-	5,575,000
Industrial Sites and Parks	-	5,000,000
Recreation	2,380,000	492,000
School Renovations	815,000	450,000
Libraries, Museums, & Historic Sites	400,000	-
Other Facilities	-	352,800
Community Development	300,000	-
Broadband	-	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 50,280,000	\$ 89,301,355

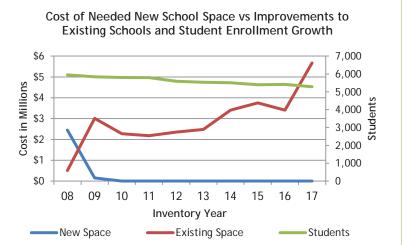


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Franklin County Total Estimated Cost* for Infrastructure Improvements \$123,936,160 Transportation (in millions) \$100 \$20 Est. Cost of Completions Est. Cost of Needs \$80 \$15 \$60 \$10 \$40 \$20 \$0 80 **Inventory Year** Completed Water and Wastewater (in millions) \$20 \$5 Est. Cost of Completions Est. Cost of Needs \$4 \$15 \$3 \$10 \$2 \$5 \$1 **Inventory Year** -Completed Post-secondary Education (in millions) \$1.4 Completions \$18 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 \$1.2 Est. Cost of Needs \$1.0 \$0.8 \$0.6 Cost of \$0.4 \$0.2 \$0.0 Est. 08 00 11 11 12 13 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Franklin County Five-year period July 2017 through June 2022

	Project Type	Co	onceptual	ning & Design onstruction
	Transportation	\$	39,284,000	\$ 38,941,993
	Water and Wastewater		1,250,000	17,000,000
	Post-secondary Education		8,000,000	5,000,000
	School Renovations		5,668,500	-
	Recreation		5,100,000	-
	Industrial Sites and Parks		-	3,429,667
	Fire Protection		-	262,000
	Broadband		-	-
	Business District Development		-	-
	Community Development		-	-
	Housing		-	-
	Law Enforcement		-	-
	Libraries, Museums, & Historic Sites		-	-
	New Public Schools & Additions		-	-
l,	Other Education		-	-
	Other Facilities		-	-
	Other Utilities		-	-
	Public Buildings		-	-
	Public Health Facilities		-	-
	School-System-wide		-	-
	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	59,302,500	\$ 64,633,660

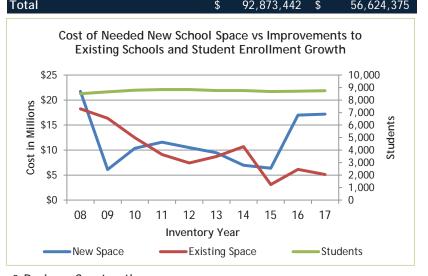


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

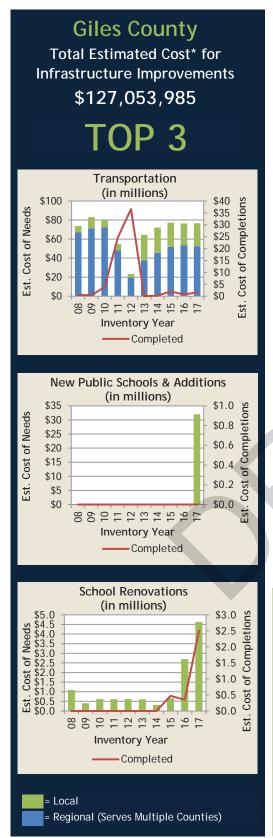
Gibson County Total Estimated Cost* for Infrastructure Improvements \$149,497,817 Transportation (in millions) \$250 \$50 Cost of Completions Est. Cost of Needs \$200 \$40 \$30 \$150 \$100 \$50 \$0 Est. 80 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$20 \$25 Est. Cost of Completions Est. Cost of Needs \$20 \$15 \$15 \$10 \$5 **Inventory Year** -Completed Water and Wastewater (in millions) \$18 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 Est. Cost of Needs \$0.0 Est. 60 10 11 11 13 14 15 17 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Gibson County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 78,771,000	\$ 24,502,943
New Public Schools & Additions	-	17,200,000
Water and Wastewater	3,770,000	12,365,032
School Renovations	4,161,442	960,000
Other Facilities	2,040,000	-
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
Public Buildings	300,000	-
Storm Water	300,000	-
Solid Waste	50,000	-
Broadband	-	-
Business District Development	-	-
Housing	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Total	\$ 92.873.442	\$ 56.624.375

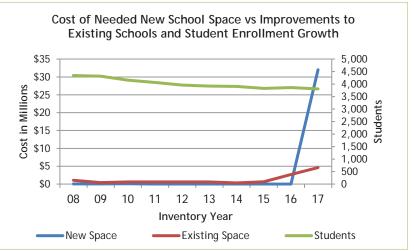


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for Giles County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 48,725,000	\$ 27,830,385
New Public Schools & Additions	32,000,000	-
School Renovations	4,224,250	403,000
Water and Wastewater	400,000	3,710,000
Recreation	3,140,000	400,000
Post-secondary Education	-	3,171,350
Law Enforcement	2,000,000	-
Public Buildings	750,000	250,000
Community Development	-	50,000
Broadband	-	-
Business District 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	\$ 91,239,250	\$ 35,814,735



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

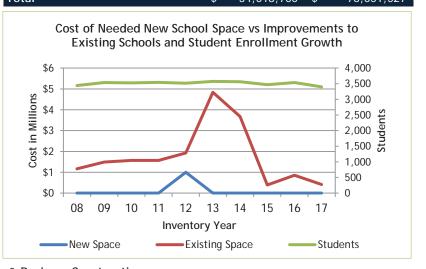
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Grainger County Total Estimated Cost* for Infrastructure Improvements \$110,070,227 Transportation (in millions) \$140 Est. Cost of Completions Est. Cost of Needs \$120 \$5 \$100 \$80 \$60 \$40 \$20 \$0 80 **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$3.5 Cost of Completions Est. Cost of Needs \$3.0 \$20 \$2.5 \$15 \$2.0 \$1.5 \$10 \$1.0 \$5 \$0.5 \$0.0 08 00 11 11 11 11 11 11 11 11 **Inventory Year** Completed Recreation (in millions) \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$2.5 \$2.0 \$1.5 \$1.0 \$1.5 \$1.0 \$1.5 \$1.5 \$0.2 5 \$0.5 Cost \$0.1 Est. \$0.0 Est. 08 09 11 11 12 13 15 **Inventory Year** Completed = Local

Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Grainger County Five-year period July 2017 through June 2022

	Project Type	Co	onceptual	ing & Design nstruction
	Transportation	\$	22,213,000	\$ 75,193,023
	Water and Wastewater		10,920,700	-
	Recreation		175,000	550,000
	Libraries, Museums, & Historic Sites		500,000	-
	School Renovations		210,000	200,000
	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		-	-
ĺ	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	34,018,700	\$ 76,051,527

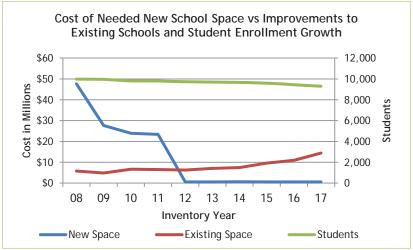


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Greene County Total Estimated Cost* for Infrastructure Improvements \$388,921,078 Transportation (in millions) \$250 Cost of Completions \$7 \$6 Est. Cost of Needs \$200 \$150 \$100 \$50 \$0 Est. 80 10 11 11 11 11 11 11 11 11 **Inventory Year** Completed Water and Wastewater (in millions) \$140 \$6 Cost of Completions Cost of Needs \$120 \$5 \$100 \$4 \$80 \$3 \$60 \$40 Est. \$20 **Inventory Year** -Completed Post-secondary Education (in millions) \$40 Cost of Completions \$35 \$7 of Needs \$6 \$5 \$30 \$25 \$20 Cost \$15 \$3 \$10 \$2 \$5 \$0 Est. 08 09 11 12 12 14 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Greene County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 110,669,000	\$ 82,661,101
Water and Wastewater	62,170,340	12,390,423
Post-secondary Education	950,000	30,650,000
Storm Water	25,500,000	100,000
School Renovations	12,157,000	2,261,714
Law Enforcement	12,000,000	1,700,000
Public Health Facilities	11,300,000	-
Other Utilities	2,800,000	8,300,000
Fire Protection	2,000,000	1,500,000
Recreation	520,000	2,189,500
Libraries, Museums, & Historic Sites	-	2,320,000
Community Development	1,500,000	500,000
Public Buildings	679,000	150,000
Other Facilities	450,000	350,000
New Public Schools & Additions	600,000	-
Housing	-	500,000
Broadband	-	53,000
Business District Development	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 243,295,340	\$ 145,625,738



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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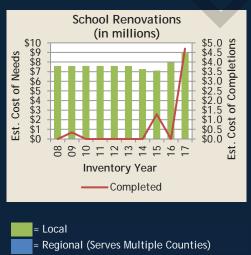
Grundy County

Total Estimated Cost* for Infrastructure Improvements \$46,218,226

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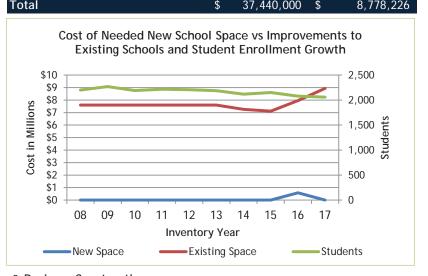






Estimated Cost of Needed Infrastructure for Grundy County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Recreation	\$ 15,950,000	\$ 1,062,377
Transportation	8,065,000	1,069,461
School Renovations	7,950,000	985,000
Water and Wastewater	4,075,000	3,718,100
Community Development	250,000	840,000
Law Enforcement	-	850,000
Industrial Sites and Parks	600,000	-
Fire Protection	400,000	-
Other Utilities	-	170,000
Libraries, Museums, & Historic Sites	150,000	-
Public Buildings	-	83,288
Broadband	-	-
Business District Development	-	-
Housing	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 37,440,000	\$ 8.778.226

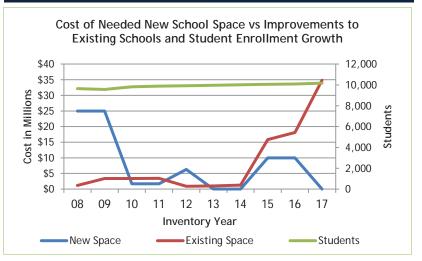


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Hamblen County Total Estimated Cost* for Infrastructure Improvements \$386,992,463 Transportation (in millions) \$400 \$40 Cost of Completions \$35 \$30 \$350 \$300 \$250 \$25 of \$200 \$20 Cost \$150 \$15 \$100 \$10 \$5 \$0 Est. \$50 \$0 Est. 80 **Inventory Year** Completed **School Renovations** (in millions) \$40 \$10 Est. Cost of Completions Cost of Needs \$35 \$8 \$30 \$25 \$6 \$20 \$4 \$15 \$10 \$2 \$5 **Inventory Year** -Completed Law Enforcement (in millions) \$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$35 \$30 \$25 \$20 of \$15 Cost \$10 \$5 \$0 \$0.00 08 09 11 12 12 14 15 16 Est. **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Hamblen County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 90,412,000	\$ 173,187,712
School Renovations	21,580,000	13,272,000
Law Enforcement	30,000,000	130,000
Water and Wastewater	-	19,910,000
Recreation	5,830,000	9,451,035
Community Development	-	12,000,000
Other Facilities	-	4,500,000
Post-secondary Education	-	4,069,716
Fire Protection	-	2,200,000
Business District Development	-	450,000
Broadband	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 147,822,000	\$ 239,170,463



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

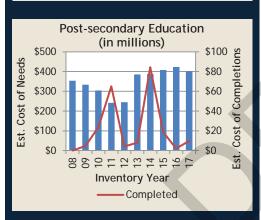
54

Hamilton County Total Estimated Cost* for Infrastructure Improvements \$2,951,477,045 Transportation (in millions) \$2,500 \$2,500 \$9 \$2,000 \$1,500 \$1,000

\$500

\$0

Est.



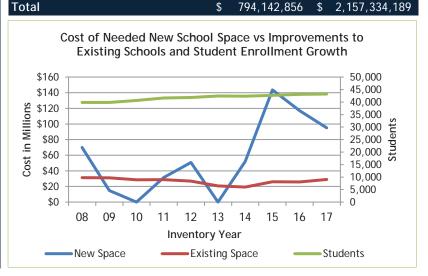
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Inventory Year Completed



Estimated Cost of Needed Infrastructure for Hamilton County Five-year period July 2017 through June 2022

	Project Type	(Conceptual		nning & Design Construction
	Transportation	\$	417,154,000	\$	1,700,106,918
	Post-secondary Education		173,105,000		228,702,321
	Water and Wastewater		22,947,000		168,714,476
	New Public Schools & Additions		95,000,000		-
	Law Enforcement		26,550,000		6,212,600
	School Renovations		19,380,000		9,628,000
	Recreation		11,432,856		9,860,601
	Community Development		3,600,000		12,152,463
	Public Health Facilities		9,950,000		2,250,000
	Fire Protection		1,000,000		7,476,310
	Public Buildings		6,940,000		725,000
	Storm Water		6,264,000		1,350,200
	Business District Development		-		4,200,000
	Solid Waste		-		3,005,300
	Other Facilities		-		1,850,000
	Libraries, Museums, & Historic Sites		300,000		1,100,000
	Industrial Sites and Parks		520,000		-
	Broadband		-		-
	Housing		-		-
	Other Education		-		-
ĺ	Other Utilities		-		-
	School-System-wide		-		-
	Total	¢	70/ 1/2 056	Ф	2 157 224 100

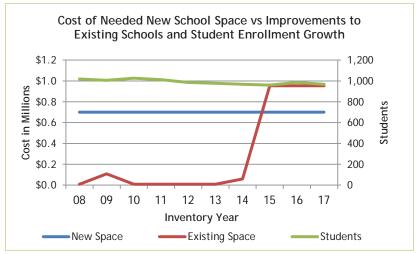


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Hancock County Total Estimated Cost* for Infrastructure Improvements \$40,585,851 Transportation (in millions) \$35 Cost of Completions Cost of Needs \$30 \$6 \$25 \$5 \$20 \$15 \$10 Est. \$5 \$0 Est. 80 **Inventory Year** Completed Water and Wastewater (in millions) \$20 \$5 Est. Cost of Completions Est. Cost of Needs \$4 \$15 \$3 \$10 \$2 \$5 \$0 **Inventory Year** -Completed Recreation (in millions) \$0.45 \$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$3.0 Cost of Completions \$2.5 \$2.0 ₽ \$1.5 Cost \$1.0 \$0.5 Est. \$0.05 \$0.00 08 00 11 12 13 14 15 Est. **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Hancock County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 25,318,000	\$ 731,000
Water and Wastewater	5,584,625	1,467,555
Recreation	2,075,000	-
Industrial Sites and Parks	-	2,059,000
Public Buildings	1,500,000	122,000
School Renovations	895,271	58,400
New Public Schools & Additions	-	700,000
Other Utilities	75,000	-
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	\$ 35,447,896	\$ 5,137,955



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

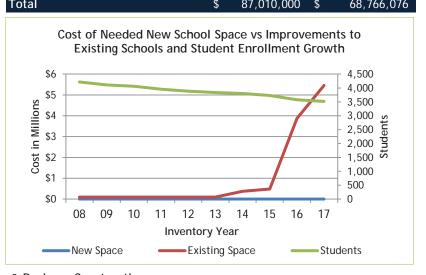
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Hardeman County **Total Estimated Cost* for** Infrastructure Improvements \$155,776,076 Transportation (in millions) \$200 \$60 Cost of Completions Est. Cost of Needs \$50 \$150 \$40 \$30 \$100 \$50 \$0 80 11 113 114 115 116 Est. **Inventory Year** -Completed **Public Health Facilities** (in millions) \$35 \$70 Cost of Completions Est. Cost of Needs \$30 \$60 \$25 \$50 \$20 \$40 \$15 \$30 \$10 \$20 \$5 \$10 \$0 **Inventory Year** -Completed

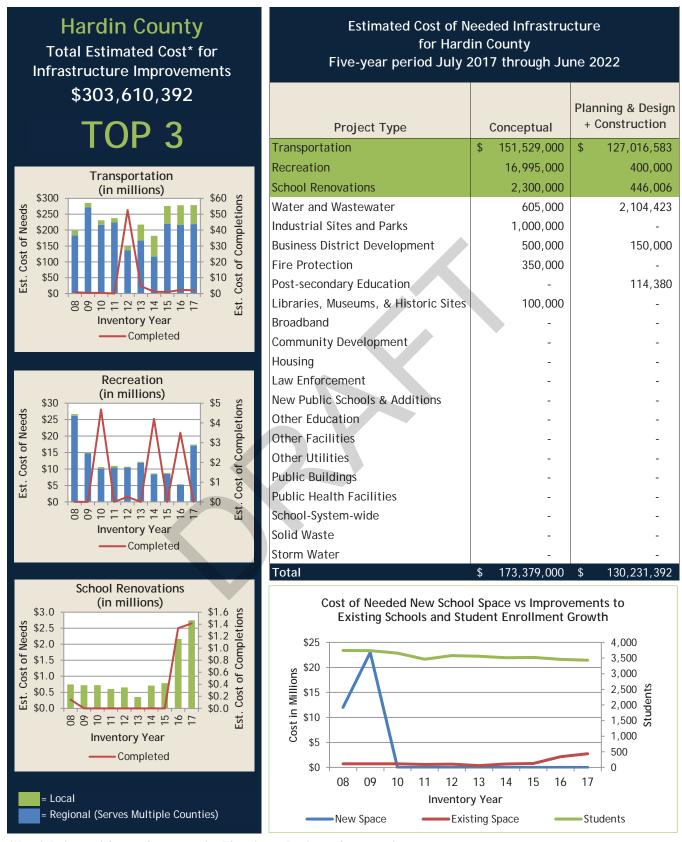
School Renovations (in millions) \$0.14 \$0.12 \$0.10 \$0.08 \$0.08 \$0.06 \$6 Cost of Needs \$5 \$4 \$3 \$2 of \$0.04 Cost \$1 \$0.02 \$0 \$0.00 08 00 11 11 12 13 15 16 Est. **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Hardeman County Five-year period July 2017 through June 2022

	Project Type	Conceptual	Planning & Design + Construction
	Transportation	\$ 64,540,000	\$ 62,460,316
	Public Health Facilities	19,000,000	-
	School Renovations	150,000	5,306,000
	Water and Wastewater	950,000	249,760
	Law Enforcement	1,000,000	-
	Fire Protection	950,000	-
	Public Buildings	-	750,000
	Recreation	300,000	-
	Post-secondary Education	120,000	-
	Broadband	-	-
	Business District Development	-	-
	Community Development	-	-
	Housing	-	-
	Industrial Sites and Parks	-	-
l	Libraries, Museums, & Historic Sites	-	-
	New Public Schools & Additions	-	-
	Other Education	-	-
	Other Facilities	-	-
	Other Utilities	-	-
	School-System-wide	-	-
١	Solid Waste	-	-
	Storm Water	-	-
ı	Total	\$ 87,010,000	\$ 68,766,076



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

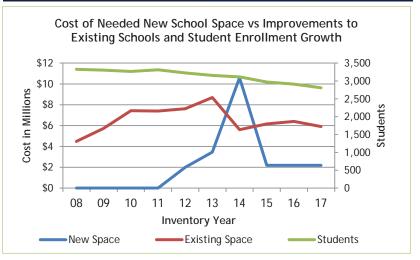
Hawkins County Estimated Cost of Needed Infrastructure for Hawkins County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$207,113,134 Planning & Design + Construction Conceptual Project Type Transportation 102,807,000 44,717,299 Water and Wastewater 26,798,200 9,800,050 Transportation School Renovations 5,838,000 3,194,585 (in millions) \$200 \$8 Cost of Completions Community Development 3,000,000 1,700,000 Cost of Needs \$7 \$6 \$150 New Public Schools & Additions 2,500,000 \$5 \$4 \$100 Other Utilities 1,750,000 500,000 Recreation 600,000 1,233,000 \$50 Fire Protection 875,000 200,000 13 41 Est. Housing 100,000 500,000 **Inventory Year** Other Facilities 550,000 Completed Law Enforcement 450,000 Broadband Water and Wastewater **Business District Development** (in millions) **Industrial Sites and Parks** \$12 \$50 Cost of Completions Cost of Needs Libraries, Museums, & Historic Sites \$10 \$40 \$8 Other Education \$30 \$6 Post-secondary Education \$20 **Public Buildings** \$10 Public Health Facilities \$0 School-System-wide **Inventory Year** Solid Waste Completed Storm Water 145,268,200 61,844,934 Total School Renovations (in millions) Cost of Needed New School Space vs Improvements to \$16 \$10 \$9 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 Cost of Completions **Existing Schools and Student Enrollment Growth** \$14 Cost of Needs \$12 \$10 \$30 9,000 8,000 \$8 \$25 \$6 7,000 Cost in Millions \$4 \$20 6,000 6,000 5,000 4,000 rd ents \$2 \$15 Est. 3,000 ₹ \$10 **Inventory Year** 2,000 \$5 1,000 Completed \$0 0 10 12 13 80 09 14 15 16 17 Local Inventory Year = Regional (Serves Multiple Counties) New Space **Existing Space** Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Haywood County Total Estimated Cost* for Infrastructure Improvements \$167,467,566 Transportation (in millions) \$250 \$25 Est. Cost of Completions Est. Cost of Needs \$200 \$20 \$15 \$150 \$100 \$50 \$0 80 11 113 115 115 17 **Inventory Year** Completed **School Renovations** (in millions) \$10 \$3.0 of Completions Est. Cost of Needs \$2.5 \$8 \$2.0 \$6 \$1.5 \$4 \$1.0 \$2 Est. Cost \$0.5 \$0.0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** Completed Water and Wastewater (in millions) \$3.0 \$2.5 \$2.5 \$2.0 \$2.5 \$2.0 \$1.5 \$2.0 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 Est. Cost of Needs \$1.0 of Cost \$0.5 \$0.0 Est. 80 10 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Haywood County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 81,038,000	\$ 74,651,866
School Renovations	4,923,000	989,700
Water and Wastewater	3,500,000	-
New Public Schools & Additions	2,190,000	-
Recreation	175,000	-
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	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 91,826,000	\$ 75,641,566



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Henderson County

Total Estimated Cost* for Infrastructure Improvements \$140,682,775

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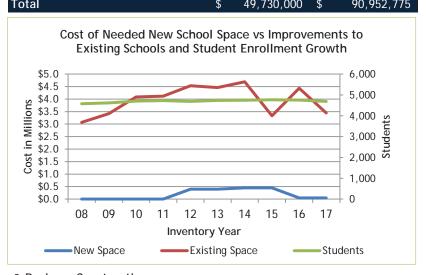






Estimated Cost of Needed Infrastructure for Henderson County Five-year period July 2017 through June 2022

	Project Type	C	onceptual	ning & Design onstruction
	Transportation	\$	40,585,000	\$ 86,874,030
	Community Development		5,000,000	-
	School Renovations		545,000	2,899,995
	Recreation		3,400,000	-
	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		-	-
١	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	49.730.000	\$ 90.952.775

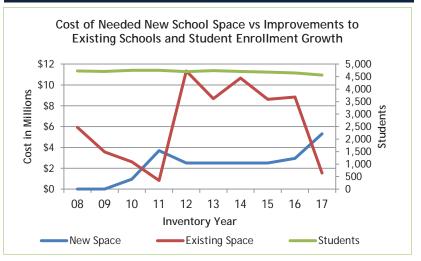


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Henry County Total Estimated Cost* for Infrastructure Improvements \$122,690,450 Transportation (in millions) \$100 \$20 Est. Cost of Completions Est. Cost of Needs \$80 \$15 \$60 \$10 \$40 \$20 \$0 80 11 113 115 115 17 **Inventory Year** Completed Recreation (in millions) \$40 \$1.4 Cost of Completions Cost of Needs \$35 \$1.2 \$30 \$1.0 \$25 \$0.8 \$20 \$0.6 \$15 \$0.4 \$10 Est. \$0.2 \$5 \$0.0 08 09 11 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$6 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 Cost of Completions Cost of Needs \$5 \$4 \$3 \$2 \$1 \$0 Est. 08 09 11 12 13 14 15 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Henry County Five-year period July 2017 through June 2022

	Project Type	Co	onceptual	ning & Design onstruction
	Transportation	\$	32,136,000	\$ 44,494,830
	Recreation		35,895,000	-
	New Public Schools & Additions		-	5,300,000
	School-System-wide		2,400,000	-
	School Renovations		-	1,541,654
	Industrial Sites and Parks		-	500,000
	Water and Wastewater		337,966	-
	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		-	-
١	Solid Waste		-	-
	Storm Water		-	<u>-</u>
	Total	\$	70,853,966	\$ 51,836,484



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Hickman County

Total Estimated Cost* for Infrastructure Improvements \$203,370,554

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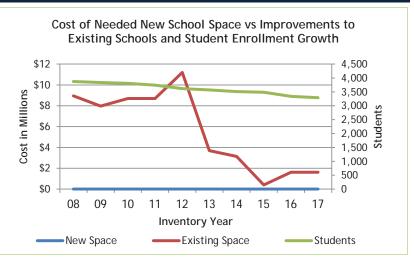






Estimated Cost of Needed Infrastructure for Hickman County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 85,746,000	\$ 29,708,554
Water and Wastewater	48,900,000	1,000,000
Law Enforcement	16,000,000	18,250,000
Industrial Sites and Parks	-	1,800,000
School Renovations	800,000	821,000
Fire Protection	185,000	-
Solid Waste	160,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
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	-	-
Storm Water	-	-
Total	\$ 151,791,000	\$ 51,579,554

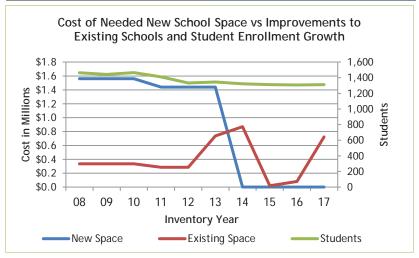


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Houston County Total Estimated Cost* for Infrastructure Improvements \$37,746,300 Transportation (in millions) \$2.5 subject to \$2.0 subject to \$2.0 subject to \$1.0 subject to \$0.5 subject to \$0.0 subject t \$50 Est. Cost of Needs \$40 \$30 \$20 \$10 \$0 Est. **Inventory Year** -Completed Water and Wastewater (in millions) \$12 of Completions Est. Cost of Needs \$10 \$2.0 \$8 \$1.5 \$6 \$1.0 \$4 \$0.5 Est. Cost \$2 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed **Community Development** (in millions) \$2.5 Cost of Completions \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 of Needs \$2.0 \$1.5 Cost \$1.0 \$0.5 \$0.0 Est. **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Houston County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 20,028,000	\$ 1,081,300
Water and Wastewater	3,200,000	6,600,000
Community Development	2,000,000	-
Libraries, Museums, & Historic Sites	-	1,500,000
Recreation	845,000	500,000
School Renovations	-	722,000
Fire Protection	650,000	-
Public Health Facilities	-	350,000
Other Facilities	-	100,000
Solid Waste	-	100,000
Public Buildings	-	70,000
Broadband	-	-
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 26,723,000	\$ 11,023,300



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

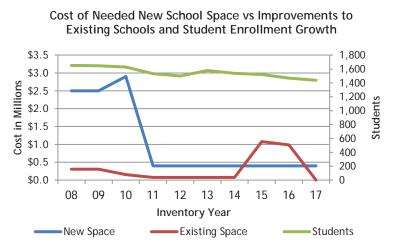
Humphreys County Estimated Cost of Needed Infrastructure for Humphreys County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$215,123,249 Planning & Design + Construction Project Type Conceptual Transportation 142,197,000 26,483,974 Water and Wastewater 11,000,000 9,291,275 Transportation **Industrial Sites and Parks** 2,700,000 9,700,000 (in millions) \$200 \$40 Cost of Completions School Renovations 9,675,000 250,000 \$35 Cost of Needs \$30 \$150 New Public Schools & Additions 2,000,000 \$25 **Public Buildings** \$100 \$20 1,076,000 \$15 Fire Protection 500,000 \$50 \$10 Est. Recreation 250,000 \$0 Broadband Est. 80 11 12 13 14 15 17 **Inventory Year Business District Development** Completed Community Development Housing Water and Wastewater Law Enforcement (in millions) Libraries, Museums, & Historic Sites \$25 \$6 Cost of Completions Cost of Needs \$5 Other Education \$20 Other Facilities \$15 Other Utilities \$10 Post-secondary Education \$5 Est. **Public Health Facilities** School-System-wide **Inventory Year** Solid Waste Completed Storm Water Total 168,322,000 46,801,249 **Industrial Sites and Parks** (in millions) Cost of Needed New School Space vs Improvements to \$14 Cost of Completions .09.8.7 .5.4 .3.2 .1 **Existing Schools and Student Enrollment Growth** \$12 \$10 \$16 3,500 \$8 of \$14 3,000 \$6 Cost \$12 Cost in Millions 2,500 \$4 \$10 2,000 1,500 1,000 \$2 \$8 12 13 14 15 17 Est. \$6 1,000 \$4 **Inventory Year** 500 \$2 Completed \$0 0 80 09 10 12 13 14 17 15 16 = Local **Inventory Year** = Regional (Serves Multiple Counties) Existing Space **New Space** Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Jackson County Estimated Cost of Needed Infrastructure for Jackson County Total Estimated Cost* for Infrastructure Improvements \$68,914,320 Transportation (in millions) \$3.5 superstanding states \$3.5 superstanding states \$2.5 superstanding states \$1.5 superstanding states \$1.0 superstanding \$120 Cost of Needs \$100 \$80 \$60 \$40 \$20 Est. \$0 80 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$20 \$1.0 of Completions Est. Cost of Needs \$0.8 \$15 \$0.6 \$10 \$5 \$0.2 **Inventory Year** Completed Recreation (in millions) \$3.5 Cost of Completions \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 \$3.0 \$2.5 \$3.5 \$2.0 \$3.0 \$1.5 \$1.0 \$2.5 \$2.0 \$1.5 \$1.0 Cost \$0.5 \$0.0 Est. **Inventory Year** \$0.5 Completed \$0.0 80 09 10 12 = Local Regional (Serves Multiple Counties) New Space

Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 43,923,000	\$ 1,781,320
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	-
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 Renovations	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 48,483,000	\$ 20,431,320



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Jefferson County

Total Estimated Cost* for Infrastructure Improvements \$375,144,771

TOP 3

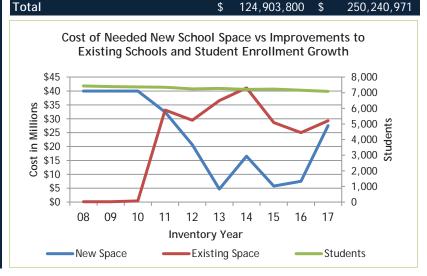






Estimated Cost of Needed Infrastructure for Jefferson County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 63,946,000	\$ 226,344,818
School Renovations	24,412,000	4,891,242
New Public Schools & Additions	25,500,000	2,000,000
Water and Wastewater	4,895,800	16,954,911
Law Enforcement	5,200,000	-
Recreation	800,000	-
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	\$ 124 903 800	\$ 250 240 971

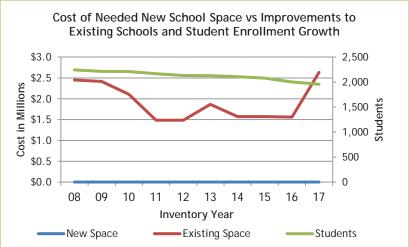


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Johnson County Total Estimated Cost* for Infrastructure Improvements \$59,272,480 Transportation (in millions) \$120 \$25 Cost of Completions Cost of Needs \$100 \$20 \$80 \$15 \$60 \$40 \$20 Est. \$0 08 00 11 11 12 13 14 16 Est. **Inventory Year** Completed Law Enforcement (in millions) \$16 \$12 Est. Cost of Completions Est. Cost of Needs \$14 \$10 \$12 \$8 \$10 \$8 \$6 \$6 \$4 \$2 \$4 \$2 **Inventory Year** -Completed Recreation (in millions) \$9 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0.25 Cost of Completions Est. Cost of Needs \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 Est. 08 09 10 11 12 13 14 15 17 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Johnson County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 21,708,000	\$ 7,236,853
Law Enforcement	10,000,000	-
Recreation	6,375,000	1,131,167
Water and Wastewater	5,274,960	2,134,500
School Renovations	50,000	2,585,000
Industrial Sites and Parks	2,000,000	-
Other Facilities	300,000	-
Solid Waste	250,000	-
Libraries, Museums, & Historic Sites	-	227,000
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 45,957,960	\$ 13,314,520



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Knox County Total Estimated Cost* for Infrastructure Improvements \$3,545,379,511 Post-secondary Education (in millions) \$2,500 Cost of Needs \$2,000 \$1,500 \$1,000 \$500 Est. \$0 Est. 10 11 12 11 1 **Inventory Year** Completed Transportation (in millions) \$1,200 \$250 Cost of Completions Cost of Needs \$1,000 \$200 \$800 \$150 \$600 \$100 \$400 \$200 \$0 **Inventory Year** Completed Water and Wastewater (in millions) \$300

\$250

\$200 of \$150

\$100

\$50

\$0

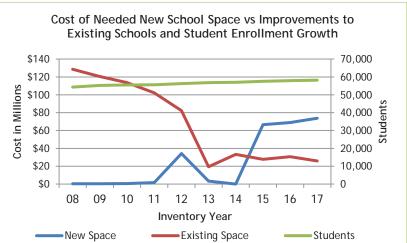
= Local

Cost

Estimated Cost of Needed Infrastructure for Knox County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Post-secondary Education	\$ 697,530,000	\$ 1,199,186,164
Transportation	458,535,000	593,004,714
Water and Wastewater	47,200,000	183,380,000
Housing	15,000,000	60,000,000
New Public Schools & Additions	-	73,785,000
Other Education	19,290,000	30,400,000
Recreation	6,630,000	31,132,491
Other Utilities	10,670,000	17,700,000
School Renovations	5,132,720	20,700,288
Business District Development	-	22,685,116
Public Health Facilities	22,000,000	190,000
Law Enforcement	8,500,000	5,510,000
Industrial Sites and Parks	-	9,800,000
Other Facilities	550,000	3,968,018
Libraries, Museums, & Historic Sites	2,200,000	300,000
Public Buildings	400,000	-
Broadband	-	-
Community Development	-	-
Fire Protection	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 1,293,637,720	\$ 2,251,741,791





^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

10 11 11 13 15 17

Completed

Inventory Year

Lake County Estimated Cost of Needed Infrastructure for Lake County **Total Estimated Cost* for** Five-year period July 2017 through June 2022 Infrastructure Improvements \$43,134,144 Project Type Conceptual Law Enforcement 9,500,000 School Renovations 10,660,000 Law Enforcement Transportation 1,593,000 (in millions) \$25 \$10 Cost of Completions **Public Buildings** Cost of Needs 3,200,000 \$20 \$8 Recreation \$15 Community Development 700,000 \$10 Water and Wastewater 320,000 \$5 Est. Other Facilities 200,000 \$0 Est. Storm Water 150,000 11 12 13 14 15 17 80 **Inventory Year** Fire Protection 50,000 Completed Broadband **Business District Development School Renovations** Housing (in millions) Industrial Sites and Parks \$12 \$4.0 Completions \$3.5 \$10 Libraries, Museums, & Historic Sites \$3.0 \$8 New Public Schools & Additions \$2.5 of \$6 \$2.0 Other Education Cost \$1.5 Cost of \$4 Other Utilities \$1.0 \$2 Est. \$0.5 Post-secondary Education \$0 08 00 11 11 12 15 14 15 Public Health Facilities **Inventory Year** School-System-wide -Completed Solid Waste **Total** 26,373,000 Transportation (in millions) Cost of Needed New School Space vs Improvements to \$70 \$30 Cost of Completions Existing Schools and Student Enrollment Growth \$60 \$25 \$50 \$20 \$12 \$40 \$15 \$10 \$30 Cost Cost in Millions \$10 \$20 \$8 \$10 \$6 \$0 Est. 80 10 11 11 11 11 11 11 11 11 \$4 **Inventory Year** \$2 Completed \$0 09 80 10 12 13 15 16 **Inventory Year** = Regional (Serves Multiple Counties) **New Space** Existing Space

1,000

900

800

700

600

500

400

300

200

100

0

Students

17

Planning & Design + Construction

11,000,000

150,000

2,909,934

2,701,210

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

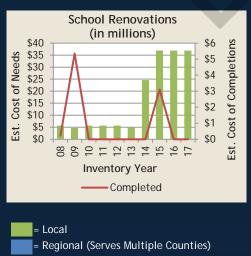
Lauderdale County

Total Estimated Cost* for Infrastructure Improvements \$460,479,354

TOP 3

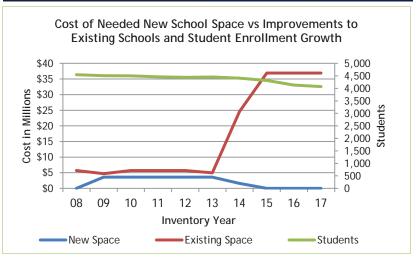






Estimated Cost of Needed Infrastructure for Lauderdale County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 40,160,000	\$ 336,351,854
Law Enforcement	9,970,000	33,530,000
School Renovations	36,480,000	397,500
Housing	2,500,000	-
Storm Water	-	640,000
Libraries, Museums, & Historic Sites	450,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Industrial Sites and Parks	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Water and Wastewater	-	-
Total	\$ 89,560,000	\$ 370,919,354



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

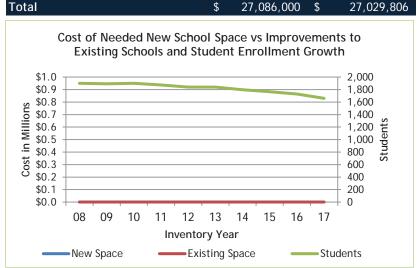
72

Lewis County Total Estimated Cost* for Infrastructure Improvements \$54,115,806 Transportation (in millions) \$100 \$40 Cost of Completions \$35 \$30 Est. Cost of Needs \$80 \$25 \$60 \$20 \$15 \$40 \$10 \$20 \$5 \$0 \$0 Est. 80 **Inventory Year** -Completed Law Enforcement (in millions) \$8 \$1.0 of Completions \$7 Cost of Needs \$0.8 \$6 \$5 \$0.6 \$4 \$3 \$0.4 \$2 \$1 \$0.2 Est. Cost \$0 **Inventory Year** -Completed **Community Development** (in millions) \$0.45 \$0.40 \$0.35 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$1.8 \$1.6 \$1.4 \$1.2 \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 Cost of Completions of Needs Cost \$0.00 Est. 90 **Inventory Year** Completed = Local

Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Lewis County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 24,436,000	\$ 21,949,806
Law Enforcement	2,000,000	5,000,000
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	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School Renovations	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Water and Wastewater	-	-
Total	\$ 27,086,000	\$ 27,029,806



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Planning & Design + Construction

2,568,588

10,000

1,625,000

805,000

398,300

250,000

5,656,888

6,000

5,000

4,000

3,000

1,000

0

Students

16 17 2,000 \$

34,515,000

15,090,800

9,975,260

2,203,000

350,000

610,000

62,744,060

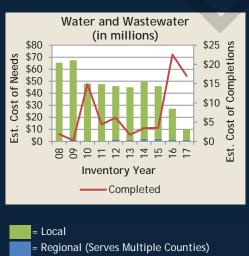
Lincoln County Estimated Cost of Needed Infrastructure for Lincoln County **Total Estimated Cost* for** Five-year period July 2017 through June 2022 Infrastructure Improvements \$68,400,948 **Project Type** Conceptual Transportation Water and Wastewater Transportation Recreation (in millions) \$100 \$40 Cost of Completions School Renovations \$35 \$30 Est. Cost of Needs \$80 Libraries, Museums, & Historic Sites \$25 \$60 Storm Water \$20 \$40 \$15 Post-secondary Education \$10 \$20 Industrial Sites and Parks **Public Buildings** 13 15 15 Est. 80 **Inventory Year** Broadband Completed **Business District Development** Community Development Water and Wastewater Fire Protection (in millions) Housing \$3.0 of Completions \$16 Cost of Needs \$14 Law Enforcement \$2.5 \$12 \$2.0 New Public Schools & Additions \$10 \$1.5 \$8 Other Education \$6 \$1.0 Other Facilities \$4 Cost \$0.5 \$2 Other Utilities \$0.0 Public Health Facilities **Inventory Year** School-System-wide Completed Solid Waste Total Recreation (in millions) Cost of Needed New School Space vs Improvements to \$12 \$1.2 Completions Existing Schools and Student Enrollment Growth Cost of Needs \$10 \$1.0 \$12 \$0.8 \$8 \$6 \$0.6 \$10 Cost in Millions \$0.4 \$4 of \$8 \$0.2 Cost \$2 \$6 \$0 \$0.0 Est \$4 **Inventory Year** \$2 Completed \$0 09 10 12 80 13 - Local **Inventory Year** = Regional (Serves Multiple Counties) New Space Existing Space

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Loudon County Total Estimated Cost* for Infrastructure Improvements \$258,263,418 TOP 3

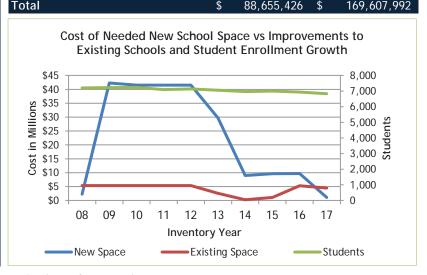






Estimated Cost of Needed Infrastructure for Loudon County Five-year period July 2017 through June 2022

	Project Type	С	onceptı	ual	ining & Design Construction
	Transportation	\$	53,400	,000	\$ 150,021,392
	Recreation		28,000	,000	-
	Water and Wastewater		2,750	,000	7,360,000
	Public Buildings		500	,000	5,000,000
	School Renovations		1,160	,000	3,276,600
	Other Utilities			-	2,700,000
	Industrial Sites and Parks		1,760	0,000	-
	New Public Schools & Additions		600	,000	500,000
	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			-	-
١	Solid Waste			-	-
	Storm Water			-	-
	Total	\$	88 655	426	\$ 169 607 992



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Macon County Estimated Cost of Needed Infrastructure for Macon County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$139,835,821 Planning & Design + Construction Project Type Conceptual Transportation 35,396,994 31,740,627 New Public Schools & Additions 28,850,000 80,000 Transportation Water and Wastewater 12,000,000 10,106,200 (in millions) \$120 Community Development 8,000,000 Cost of Needs \$100 Law Enforcement 5,640,000 \$80 Recreation 3,060,000 \$60 \$40 Post-secondary Education 3,000,000 \$20 Est. School Renovations 662,000 \$0 School-System-wide 500,000 11 13 14 15 17 Est. 80 **Inventory Year** Solid Waste 500,000 Completed **Public Health Facilities** 300,000 Broadband **New Public Schools & Additions Business District Development** (in millions) Fire Protection \$35 \$30 Housing \$25 Industrial Sites and Parks Cost of \$20 Libraries, Museums, & Historic Sites \$15 \$10 Other Education Cost \$0.2 \$5 Other Facilities \$0.0 \$0 Other Utilities **Inventory Year** Public Buildings Completed Storm Water **Total** 91,606,994 48,228,827 Water and Wastewater (in millions) Cost of Needed New School Space vs Improvements to \$25 \$0.8 Cost of Completions **Existing Schools and Student Enrollment Growth** \$0.7 Est. Cost of Needs \$20 \$0.6 \$35 4,500 \$0.5 \$15 4,000 \$30 \$0.4 \$10 3,500 \$0.3 Cost in Millions \$25 \$0.2 3,000 standard standa 3,000 \$5 \$0.1 \$20 \$0 \$0.0 \$15 Est. 11 12 13 14 15 17 \$10 **Inventory Year** 1,000 \$5 500 Completed \$0 0 80 09 10 12 13 14 15 16 17 **Inventory Year** Regional (Serves Multiple Counties) New Space Existing Space Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

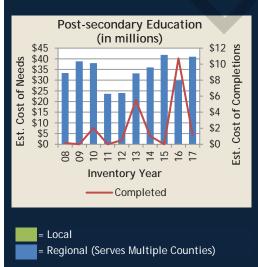
Madison County

Total Estimated Cost* for Infrastructure Improvements \$708,459,169

TOP 3

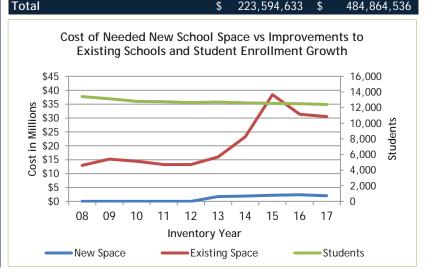






Estimated Cost of Needed Infrastructure for Madison County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 133,923,000	\$ 373,621,043
Water and Wastewater	18,962,533	22,725,000
Post-secondary Education	4,600,000	36,402,391
Public Health Facilities	34,330,000	260,000
Law Enforcement	-	34,480,000
School Renovations	20,904,100	9,643,300
Public Buildings	7,560,000	903,000
Other Facilities	-	5,754,802
New Public Schools & Additions	1,950,000	75,000
Industrial Sites and Parks	-	1,000,000
Other Education	780,000	-
Recreation	585,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Utilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	¢ 223 504 633	\$ 181 861 536



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Marion County Estimated Cost of Needed Infrastructure for Marion County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$293,048,036 Planning & Design + Construction Project Type Conceptual Transportation 147,550,000 84,316,311 New Public Schools & Additions 31,427,460 Transportation School Renovations 10,248,225 2,230,128 (in millions) \$300 \$20 Cost of Completions Water and Wastewater 3,969,200 708,000 \$250 \$15 **Industrial Sites and Parks** 2,150,000 2,100,000 \$200 Post-secondary Education \$150 3,485,300 Cost \$100 1,770,000 419,205 Recreation \$50 **Public Buildings** 1,000,000 309,207 Est. Housing 500,000 80 11 12 13 14 15 17 **Inventory Year** Libraries, Museums, & Historic Sites 500,000 -Completed Community Development 250,000 Solid Waste 65,000 **New Public Schools & Additions** Storm Water 50,000 (in millions) Broadband \$12 Completions \$35 of Needs \$30 **Business District Development** \$10 \$25 \$8 Fire Protection \$20 \$6 Law Enforcement Cost \$15 of \$4 \$10 Other Education Cost \$5 Other Facilities \$0 08 00 11 11 12 13 15 15 Other Utilities **Inventory Year** Public Health Facilities Completed School-System-wide Total 198,864,885 94,183,151 **School Renovations** (in millions) Cost of Needed New School Space vs Improvements to \$1.2 of Completions \$14 **Existing Schools and Student Enrollment Growth** \$12 \$1.0 \$10 \$35 \$0.8 5,000 \$8 4,500 of \$0.6 \$30 \$6 4,000 Cost **Sost in Millions** \$0.4 \$25 \$4 3,500 3,000 2,500 2,000 2,000 1,500 Cost \$0.2 \$2 \$20 \$0.0 \$15 008 009 009 111 111 114 115 116 Est 1,500 \$10 **Inventory Year** 1,000 \$5 Completed 500 \$0 0 13 80 09 10 12 14 15 16 17 **Inventory Year** Regional (Serves Multiple Counties) **New Space** Existing Space Students

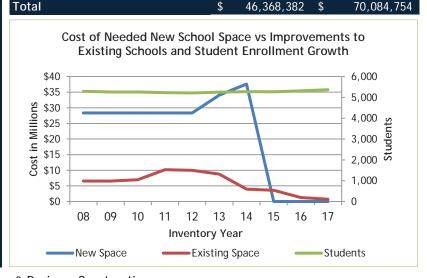
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Marshall County Total Estimated Cost* for Infrastructure Improvements \$116,453,136 Transportation (in millions) \$100 \$50 Est. Cost of Completions Est. Cost of Needs \$80 \$40 \$30 \$60 \$20 \$40 \$20 **Inventory Year** Completed Recreation (in millions) \$20 \$2.5 Est. Cost of Needs \$2.0 \$15 \$10 \$5 \$0.5 \$0 08 00 11 11 11 11 11 11 11 11 11 **Inventory Year** Completed Water and Wastewater (in millions) \$35 \$16 Cost of Completions \$14 \$12 \$10 \$8 Cost of Needs \$30 \$25 \$20 \$15 \$6 \$4 \$10 \$5 \$2 08 00 11 11 12 13 15 16 Est. **Inventory Year** Completed

Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Marshall County Five-year period July 2017 through June 2022

				Plan	ning & Design
	Project Type	C	onceptual	+ C	onstruction
	Transportation	\$	40,119,000	\$	47,192,857
	Recreation		270,000		17,360,000
	Water and Wastewater		743,000		3,077,497
	Fire Protection		2,650,000		-
	Public Health Facilities		-		1,800,000
	Libraries, Museums, & Historic Sites		1,500,000		-
	Community Development		970,000		-
	School Renovations		116,382		654,400
	Broadband		-		-
	Business District Development		-		-
	Housing	· ·	-		-
	Industrial Sites and Parks		-		-
	Law Enforcement		-		-
	New Public Schools & Additions		-		-
	Other Education		-		-
	Other Facilities		-		-
	Other Utilities		-		-
	Post-secondary Education		-		-
	Public Buildings		-		-
	School-System-wide		-		-
	Solid Waste		-		-
	Storm Water		-		-
ı	Total	¢	16 260 202	¢	70 004 754



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

80

McMinn County

Total Estimated Cost* for Infrastructure Improvements \$154,058,775

TOP 3

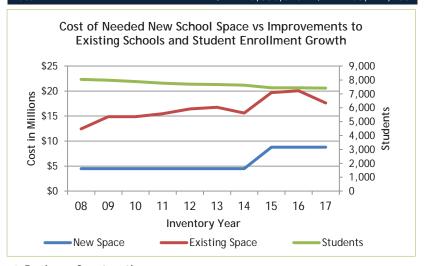






Estimated Cost of Needed Infrastructure for McMinn County Five-year period July 2017 through June 2022

	Project Type	С	onceptual	ning & Design construction
	Transportation	\$	35,476,000	\$ 38,341,344
	School Renovations		11,756,340	5,874,000
	Storm Water		10,000,000	-
	New Public Schools & Additions		3,280,000	5,500,000
	Recreation		4,425,000	2,235,000
	Broadband		6,500,000	-
	Post-secondary Education		-	6,500,000
	Business District Development		6,000,000	-
	Water and Wastewater		1,974,000	2,759,322
	Community Development		4,000,000	443,340
	Fire Protection		4,000,000	-
	Industrial Sites and Parks		2,000,000	1,001,000
	Other Utilities		1,000,000	-
	Public Buildings		125,000	340,000
	Libraries, Museums, & Historic Sites		100,000	228,429
	Law Enforcement		200,000	-
	Housing		-	-
	Other Education		-	-
	Other Facilities		-	-
	Public Health Facilities		-	-
N	School-System-wide		-	-
	Solid Waste		-	-
	Total	\$	90,836,340	\$ 63,222,435

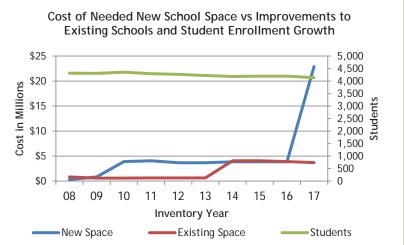


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

McNairy County Total Estimated Cost* for Infrastructure Improvements \$89,912,480 Transportation (in millions) \$200 \$80 Cost of Completions \$70 \$60 Est. Cost of Needs \$150 \$50 \$40 \$100 \$30 \$50 \$20 \$10 \$0 \$0 11 2 11 Est. 80 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$25 of Completions Cost of Needs \$20 \$0.8 \$15 \$0.6 \$10 \$0.4 \$5 \$0.2 Cost Est. \$0 08 09 09 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Total Water and Wastewater (in millions) \$40 \$8 \$7 Cost of Completions \$35 of Needs \$6 \$5 \$30 \$25 \$20 \$4 Cost \$3 \$15 \$2 \$10 \$1 \$0 \$5 \$0 Est. 08 09 11 12 12 14 15 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for McNairy County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 36,353,000	\$ 4,461,456
New Public Schools & Additions	4,215,000	18,700,000
Water and Wastewater	9,720,000	8,849,124
School Renovations	3,602,900	101,000
Other Utilities	1,500,000	-
Recreation	1,330,000	-
Storm Water	800,000	-
Libraries, Museums, & Historic Sites	200,000	-
Fire Protection	80,000	-
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	\$ 57,800,900	\$ 32,111,580



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

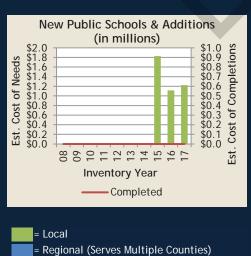
Meigs County

Total Estimated Cost* for Infrastructure Improvements \$18,662,126

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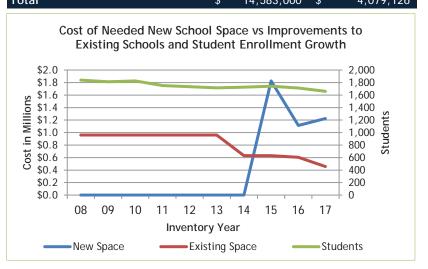






Estimated Cost of Needed Infrastructure for Meigs County Five-year period July 2017 through June 2022

	Project Type	Co	onceptual	ng & Design nstruction
	Transportation	\$	10,477,000	\$ 432,100
	Water and Wastewater		3,200,000	1,795,100
	New Public Schools & Additions		-	1,225,000
	Other Facilities		250,000	300,000
	School Renovations		456,000	-
	Recreation		-	326,926
	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		-	-
ľ	Other Utilities		-	-
	Post-secondary Education		-	-
ľ	Public Buildings		-	-
	Public Health Facilities		-	-
	Solid Waste		-	-
	Storm Water		-	-
	Total	\$	14,583,000	\$ 4.079.126



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

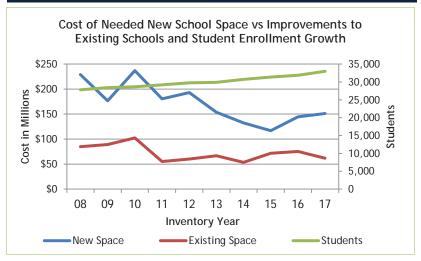
Monroe County Estimated Cost of Needed Infrastructure for Monroe County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$166,175,537 Planning & Design + Construction **Project Type** Conceptual 13,840,000 36,093,023 Transportation New Public Schools & Additions 8,100,000 30,000,000 Transportation **School Renovations** 32,743,853 117,000 (in millions) \$70 \$2.5 Cost of Completions Law Enforcement 30,075,000 300,000 of Needs \$60 \$2.0 Water and Wastewater \$50 7,618,513 1,233,148 \$1.5 \$40 Industrial Sites and Parks 855,000 1,000,000 Cost \$30 \$1.0 Recreation 1,000,000 700,000 \$20 \$10 Libraries, Museums, & Historic Sites 1,500,000 Fire Protection Est. 500,000 **Inventory Year Public Buildings** 500,000 Completed Broadband **Business District Development New Public Schools & Additions** Community Development (in millions) Housing \$14 \$50 Cost of Completions Cost of Needs \$12 Other Education \$40 \$10 Other Facilities \$30 \$8 Other Utilities \$6 \$20 \$4 Post-secondary Education \$10 \$2 Public Health Facilities \$0 Est. School-System-wide **Inventory Year** Solid Waste Completed Storm Water Total 96,232,366 69,943,171 **School Renovations** (in millions) Cost of Needed New School Space vs Improvements to \$40 Cost of Completions Existing Schools and Student Enrollment Growth \$35 \$7 \$6 \$30 \$45 8,000 \$25 \$5 \$40 7,000 of \$20 \$4 \$35 \$3 Cost \$15 Millions 6,000 \$10 \$2 \$30 5,000 4,000 3,000 Students \$1 \$5 \$25 Cost in \$20 \$15 \$15 \$10 Est 2,000 **Inventory Year** \$10 1,000 \$5 Completed \$0 13 80 09 10 12 16 17 - Local **Inventory Year** = Regional (Serves Multiple Counties) New Space Existing Space Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Montgomery County Total Estimated Cost* for Infrastructure Improvements \$1,198,366,764 Transportation (in millions) \$700 \$60 of Completions Cost of Needs \$600 \$50 \$500 \$40 \$400 \$30 \$300 \$200 Cost \$100 \$0 10 11 12 13 14 17 17 Est. **Inventory Year** Completed Recreation (in millions) \$250 \$25 Est. Cost of Completions Cost of Needs \$200 \$20 \$150 \$100 \$50 Est. **Inventory Year** -Completed New Public Schools & Additions (in millions) \$250 \$70 Completions \$60 Cost of Needs \$200 \$50 \$150 \$40 \$30 \$100 of \$20 \$50 Cost \$10 \$0 \$0 Est. 08 09 11 12 12 14 15 17 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Montgomery County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 156,615,000	\$ 425,777,010
Recreation	45,583,000	106,413,250
New Public Schools & Additions	72,400,000	78,900,000
Post-secondary Education	11,350,000	63,566,000
School Renovations	56,181,350	5,495,000
Water and Wastewater	4,305,000	55,373,000
Other Utilities	-	48,625,000
Public Buildings	6,500,000	14,192,172
Fire Protection	13,700,000	3,800,000
Libraries, Museums, & Historic Sites	12,000,000	-
Public Health Facilities	120,000	4,000,000
Law Enforcement	3,285,000	810,000
Community Development	-	4,072,982
Other Facilities	-	2,958,000
Industrial Sites and Parks	2,345,000	-
Broadband	-	-
Business District Development	-	-
Housing	-	-
Other Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 384,384,350	\$ 813,982,414



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Moore County Estimated Cost of Needed Infrastructure for Moore County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$87,223,141 Planning & Design + Construction Project Type Conceptual Post-secondary Education 1,590,000 38,440,531 School Renovations 2,800,000 13,400,000 Post-secondary Education Transportation 5,987,000 7,755,610 (in millions) \$50 \$16 Cost of Completions \$14 \$12 Water and Wastewater 10,500,000 Cost of Needs \$40 New Public Schools & Additions 6,000,000 \$10 \$30 **Public Buildings** \$8 750,000 \$20 \$6 **Broadband** \$4 \$10 Est. **Business District Development** \$0 Community Development Est. 80 10 11 11 11 11 11 11 11 **Inventory Year** Fire Protection -Completed Housing Industrial Sites and Parks School Renovations Law Enforcement (in millions) Libraries, Museums, & Historic Sites \$20 \$0.30 Completions of Needs \$0.25 Other Education \$15 \$0.20 Other Facilities \$10 \$0.15 Other Utilities Cost \$0.10 \$5 Public Health Facilities Cost \$0.05 Recreation \$0.00 \$0 Est. School-System-wide **Inventory Year** Solid Waste Completed Storm Water Total 11,127,000 76,096,141 Transportation (in millions) Cost of Needed New School Space vs Improvements to \$40 \$1.6 Cost of Completions **Existing Schools and Student Enrollment Growth** \$1.4 \$1.2 \$1.0 \$35 \$30 \$18 1,200 \$25 \$16 \$20 \$0.8 1,000 \$0.6 \$14 Cost \$15 Cost in Millions \$10 \$0.4 \$12 800 \$0.2 \$5 \$0 \$10 600 \$0.0 \$8 11 11 11 15 16 Est. 90 \$6 400 **Inventory Year** \$4 200 \$2 Completed \$0 0 80 09 10 12 13 15 16 17 = Local **Inventory Year** = Regional (Serves Multiple Counties) Existing Space **New Space** Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Morgan County Total Estimated Cost* for

Infrastructure Improvements \$216,083,349

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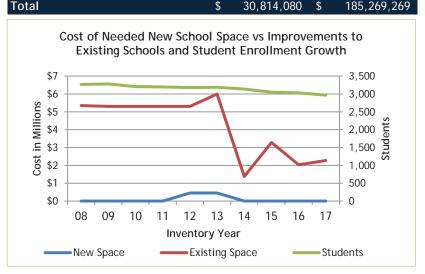






Estimated Cost of Needed Infrastructure for Morgan County Five-year period July 2017 through June 2022

				Plan	ning & Design
	Project Type	(Conceptual	+ (Construction
	Transportation	\$	25,811,950	\$	180,349,096
	Law Enforcement		3,000,000		1,200,000
	School Renovations		207,250		2,063,250
	Water and Wastewater		330,880		1,656,923
	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		-		-
	Post-secondary Education		-		-
	Public Buildings		-		-
	Public Health Facilities		-		-
	School-System-wide		-		-
١	Solid Waste		-		-
	Storm Water		-		-
	Total	\$	30 814 080	\$	185 269 269

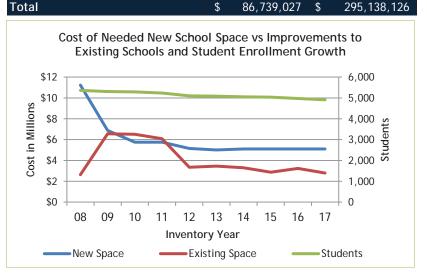


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Obion County Total Estimated Cost* for Infrastructure Improvements \$381,877,153 Transportation (in millions) \$500 \$50 Cost of Completions Cost of Needs \$400 \$40 \$30 \$300 \$200 \$100 Est. \$0 \$0 Est. 80 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$12 \$1.0 of Completions Cost of Needs \$10 \$0.8 \$8 \$0.6 \$6 \$0.4 \$4 \$0.2 Est. Cost Est. \$2 \$0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed **School Renovations** (in millions) \$7 \$1.2 Completions \$6 of Needs \$1.0 \$5 \$0.8 \$4 \$3 \$2 \$0.6 Cost \$0.4 Cost of \$1 \$0.2 \$0.0 Est. 10 11 11 13 15 17 17 90 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Obion County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 77,114,819	\$ 289,714,655
New Public Schools & Additions	4,999,000	100,000
School Renovations	2,461,208	325,000
Recreation	50,000	2,250,000
Water and Wastewater	962,000	868,227
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	\$ 86,739,027	\$ 295,138,126



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

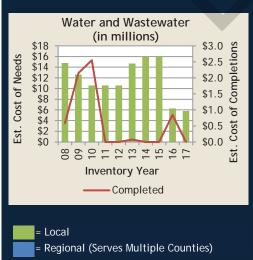
Overton County

Total Estimated Cost* for Infrastructure Improvements \$66,365,534

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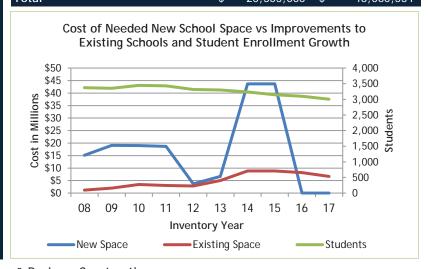






Estimated Cost of Needed Infrastructure for Overton County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 11,107,000	\$ 38,116,534
School Renovations	4,788,000	1,914,000
Water and Wastewater	2,800,000	3,000,000
Recreation	1,500,000	2,630,000
Law Enforcement	-	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	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 20,305,000	\$ 46.060.534

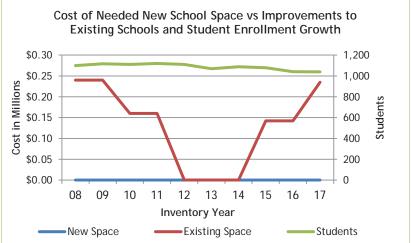


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Perry County Total Estimated Cost* for Infrastructure Improvements \$81,939,412 Transportation (in millions) \$100 \$20 Est. Cost of Completions Est. Cost of Needs \$80 \$15 \$60 \$10 \$40 \$20 \$0 80 **Inventory Year** Completed **School Renovations** (in millions) letions \$0.30 \$1.0 Cost of Needs \$0.25 \$0.8 \$0.20 \$0.6 \$0.15 \$0.10 \$0.2 \$0.05 \$0.00 **Inventory Year** -Completed Recreation (in millions) Cost of Completions \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Cost of Needs \$0.30 \$0.25 Cost in Millions \$0.20 \$0.15 Est. 08 09 11 12 13 15 16 \$0.10 **Inventory Year** \$0.05 Completed \$0.00 = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Perry County Five-year period July 2017 through June 2022

	Project Type	Co	nceptual	ing & Design Instruction
	Transportation	\$	37,441,000	\$ 44,153,412
	School Renovations		-	235,000
	Recreation		110,000	-
	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		-	-
	School-System-wide		-	-
	Solid Waste		-	-
١	Storm Water		-	-
	Water and Wastewater		-	-
	Total	\$	37,551,000	\$ 44,388,412



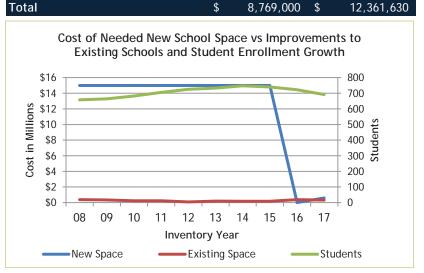
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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Pickett County Total Estimated Cost* for Infrastructure Improvements \$21,130,630 Transportation (in millions) \$16 \$5 Est. Cost of Completions Est. Cost of Needs \$14 \$4 \$12 \$10 \$3 \$8 \$2 \$6 \$4 Inventory Year Completed Law Enforcement (in millions) \$6 \$1.0 Cost of Completions Est. Cost of Needs \$5 \$0.8 \$4 \$0.6 \$3 \$2 \$0.2 \$1 \$0.0 \$0 **Inventory Year** Completed Recreation (in millions) \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$0.5 \$0.0 Est. Cost of Completions Est. Cost of Needs \$0.0 08 00 11 11 12 13 14 17 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Pickett County Five-year period July 2017 through June 2022

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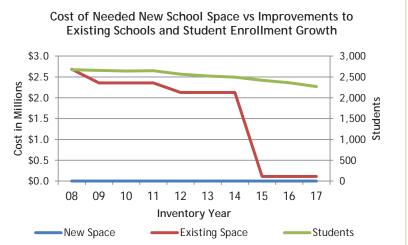


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Polk County Total Estimated Cost* for Infrastructure Improvements \$270,191,234 Transportation (in millions) \$300 \$60 Cost of Completions Est. Cost of Needs \$250 \$50 \$40 \$200 \$30 \$150 \$100 \$20 \$50 \$0 \$0 Est. 80 **Inventory Year** -Completed Water and Wastewater (in millions) \$12 \$2.5 Cost of Completions Est. Cost of Needs \$10 \$2.0 \$8 \$1.5 \$6 \$1.0 \$4 \$0.5 \$2 \$0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** Completed Total Recreation (in millions) \$30 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Cost of Completions Est. Cost of Needs \$25 \$20 \$15 \$10 \$5 \$0 Est. 08 00 11 12 13 14 15 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Polk County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 44,171,000	\$ 216,600,165
Water and Wastewater	2,539,888	2,800,620
Recreation	2,140,000	-
Community Development	-	801,715
Public Health Facilities	-	403,846
Public Buildings	300,000	-
Industrial Sites and Parks	256,000	-
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	\$ 49,516,888	\$ 220,674,346



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Putnam County

Total Estimated Cost* for Infrastructure Improvements \$549,418,628

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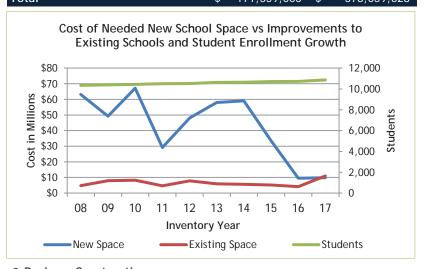






Estimated Cost of Needed Infrastructure for Putnam County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Post-secondary Education	\$ 86,960,000	\$ 253,376,387
Transportation	54,569,000	81,046,405
Law Enforcement	5,800,000	20,000,000
School Renovations	6,900,000	4,065,000
Water and Wastewater	1,000,000	8,974,313
New Public Schools & Additions	4,830,000	5,000,000
Recreation	2,830,000	5,122,523
Other Facilities	6,220,000	-
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	\$ 171,359,000	\$ 378,059,628

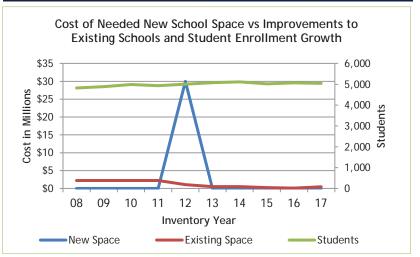


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Rhea County Total Estimated Cost* for Infrastructure Improvements \$111,456,508 Transportation (in millions) \$80 \$50 Cost of Completions Est. Cost of Needs \$70 \$40 \$60 \$50 \$30 \$40 \$20 \$30 \$20 \$10 12 13 14 15 17 Est. **Inventory Year** Completed Law Enforcement (in millions) \$30 \$0.5 of Completions Cost of Needs \$25 \$0.4 \$20 \$0.3 \$15 \$0.2 \$10 Cost Est. \$5 \$0 **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$16 of Completions \$14 Est. Cost of Needs \$20 \$12 \$10 \$15 \$8 \$6 \$10 \$4 \$5 Cost \$2 \$0 08 00 11 12 13 14 15 15 Est **Inventory Year** Completed Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Rhea County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 48,254,000	\$ 5,534,151
Law Enforcement	28,000,000	-
Water and Wastewater	278,571	16,842,000
Industrial Sites and Parks	1,500,000	6,000,000
Recreation	1,250,000	1,163,786
Storm Water	1,100,000	-
Public Buildings	800,000	250,000
School Renovations	484,000	-
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	\$ 81,666,571	\$ 29,789,937

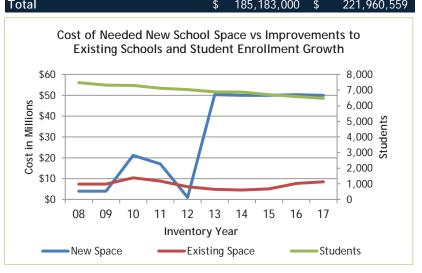


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Roane County Total Estimated Cost* for Infrastructure Improvements \$407,143,559 Transportation (in millions) \$300 \$40 Est. Cost of Completions Est. Cost of Needs \$35 \$250 \$30 \$200 \$25 \$150 \$20 \$15 \$100 \$10 \$50 \$0 12 13 15 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$60 \$16 Cost of Completions Est. Cost of Needs \$14 \$50 \$12 \$40 \$10 \$30 \$8 \$6 \$20 \$4 \$2 \$10 \$0 **Inventory Year** -Completed Recreation (in millions) \$30 \$1.2 Completions Est. Cost of Needs \$25 \$1.0 \$20 \$0.8 \$15 \$0.6 \$10 \$0.4 of Cost \$0.2 \$5 Est. **Inventory Year** -Completed Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Roane County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 70,753,000	\$ 179,661,698
New Public Schools & Additions	50,000,000	-
Recreation	14,430,000	10,590,178
Water and Wastewater	9,000,000	7,551,000
Other Facilities	4,000,000	7,400,000
Other Utilities	-	10,200,000
Community Development	10,000,000	-
School Renovations	5,500,000	2,967,099
Industrial Sites and Parks	6,100,000	-
Storm Water	5,000,000	-
Public Buildings	3,300,000	1,000,000
Law Enforcement	4,000,000	-
Post-secondary Education	1,500,000	2,090,584
Fire Protection	1,600,000	-
Solid Waste	-	300,000
Business District Development	-	200,000
Broadband	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Total	\$ 185,183,000	\$ 221,960,559



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Robertson County Estimated Cost of Needed Infrastructure for Robertson County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$500,421,766 Planning & Design + Construction **Project Type** Conceptual Transportation 79,666,000 163,224,973 Water and Wastewater 30,982,000 76,660,462 Transportation **School Renovations** 69,719,000 10,689,000 (in millions) \$300 \$7 Cost of Completions New Public Schools & Additions 48,000,000 Cost of Needs \$6 \$250 \$5 Recreation 2,677,600 3,913,731 \$200 \$4 \$150 Community Development 5,300,000 \$3 \$100 Fire Protection 3,050,000 \$50 Est. **Business District Development** 2,700,000 \$0 Est. Other Utilities 400,000 1,340,000 11 13 14 15 17 80 **Inventory Year** Law Enforcement 900,000 Completed Storm Water 699,000 Industrial Sites and Parks 500,000 Water and Wastewater Broadband (in millions) Housing \$120 \$8 Cost of Completions \$7 \$6 Libraries, Museums, & Historic Sites \$100 \$80 Other Education \$5 Cost of \$60 Other Facilities \$3 \$40 Post-secondary Education \$2 Est. \$20 \$1 **Public Buildings** \$0 Public Health Facilities **Inventory Year** School-System-wide Completed Solid Waste Total 242,494,600 **School Renovations** (in millions) Cost of Needed New School Space vs Improvements to \$100 \$90 \$80 \$70 \$60 \$50 \$40 \$30 \$20 \$10 \$50 \$45 \$40 \$35 \$30 \$25 \$20 \$15 \$5 \$0 Cost of Completions **Existing Schools and Student Enrollment Growth** Est. Cost of Needs \$100 12,000 \$90 10,000 \$80 Cost in Millions \$70 8,000 Students \$60 \$50 6,000 \$40 Est. 80 4,000 \$30 **Inventory Year** \$20 2,000 \$10 Completed \$0 0 80 09 10 12 13 14 15 16 17 **Inventory Year** Regional (Serves Multiple Counties) New Space Existing Space Students

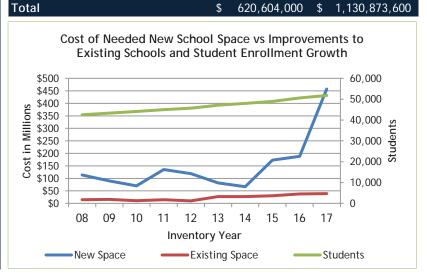
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Rutherford County Total Estimated Cost* for Infrastructure Improvements \$1,751,477,600 Transportation (in millions) \$100 \$80 \$60 \$40 \$20 \$20 \$0 \$0 \$600 Cost of Needs \$500 \$400 \$300 \$200 \$100 Est. \$0 Est. 12 13 14 17 17 80 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$500 \$50 Cost of Completions Cost of Needs \$400 \$40 \$30 \$300 \$200 \$20 \$100 Est. **Inventory Year** Completed Post-secondary Education (in millions) \$200 \$180 \$160 \$140 \$120 \$100 \$600 Cost of Completions \$500 \$400 \$300 Cost \$200 \$100 \$0 Est. **Inventory Year** Completed = Local

= Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Rutherford County Five-year period July 2017 through June 2022

	Project Type	Conceptual		nning & Design Construction
	Transportation	\$ 155,591,000	\$	359,265,841
	New Public Schools & Additions	320,000,000		137,200,000
	Post-secondary Education	69,090,000		276,089,416
	Water and Wastewater	24,700,000		121,957,000
	Law Enforcement	-		125,050,000
	Recreation	2,220,000		61,780,157
	School Renovations	15,175,000		24,146,186
	Public Health Facilities	25,628,000		2,160,000
	Fire Protection	8,200,000		8,400,000
	Business District Development	-		7,700,000
	School-System-wide	-		2,500,000
	Community Development	-		2,200,000
	Other Utilities	-		1,225,000
	Public Buildings	-		1,200,000
	Broadband	-		-
	Housing	-		-
	Industrial Sites and Parks	-		-
	Libraries, Museums, & Historic Sites	-		-
	Other Education	-		-
	Other Facilities	-		-
١	Solid Waste	-		-
	Storm Water	-		-
	Total	/20 /04 000	ф	1 120 072 /00

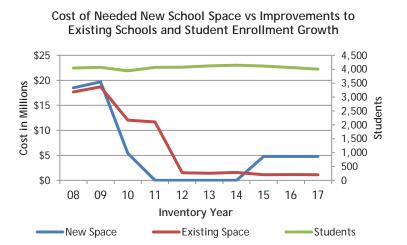


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Scott County Total Estimated Cost* for Infrastructure Improvements \$106,546,316 Transportation (in millions) \$160 \$5 Cost of Completions Cost of Needs \$140 \$4 \$120 \$100 \$3 \$80 \$60 \$40 Est. \$20 Est. 10 11 11 11 11 11 11 11 80 **Inventory Year** Completed **New Public Schools & Additions** (in millions) \$12 of Completions \$25 Est. Cost of Needs \$10 \$20 \$8 \$15 \$6 \$10 \$4 Cost \$5 \$2 \$0 **Inventory Year** -Completed Water and Wastewater (in millions) \$5.0 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$1.5 \$0.5 \$0.0 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Cost of Completions Cost of Needs 08 09 11 11 12 13 15 16 Est. **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Scott County Five-year period July 2017 through June 2022

	Project Type	C	onceptual	ing & Design onstruction
	Transportation	\$	41,244,000	\$ 53,842,316
	New Public Schools & Additions		4,800,000	-
	Water and Wastewater		525,000	3,550,000
	School Renovations		1,135,000	-
	Recreation		-	620,000
	Solid Waste		500,000	-
	Post-secondary Education		120,000	210,000
	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 Buildings		-	-
	Public Health Facilities		-	-
ĺ	School-System-wide		-	-
	Storm Water		-	-
	Total	\$	48,324,000	\$ 58,222,316



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

98

Sequatchie County

Total Estimated Cost* for Infrastructure Improvements \$53,355,880

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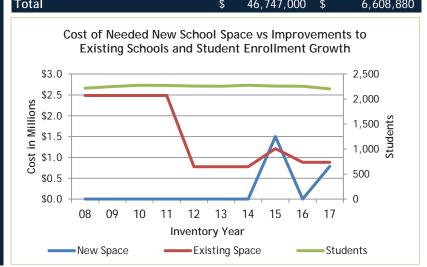






Estimated Cost of Needed Infrastructure for Sequatchie County Five-year period July 2017 through June 2022

	Project Type	Con	ceptual	ng & Design nstruction
	Public Health Facilities	\$ 3	2,600,000	\$ 1,622,000
	Transportation	1	1,542,000	1,316,366
	Recreation		-	2,024,678
	Water and Wastewater		1,500,000	-
	School Renovations		505,000	380,000
	New Public Schools & Additions		-	783,000
	School-System-wide		600,000	-
	Industrial Sites and Parks		-	482,836
	Broadband		-	-
	Business District Development		-	-
	Community Development		-	-
	Fire Protection		-	-
	Housing		-	-
	Law Enforcement		-	-
	Libraries, Museums, & Historic Sites		-	-
	Other Education		-	-
	Other Facilities		-	-
	Other Utilities		-	-
	Post-secondary Education		-	-
	Public Buildings		-	-
١	Solid Waste		-	-
	Storm Water			 -
	Total	\$ 4	6.747.000	\$ 6.608.880



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Shelby County Total Estimated Cost* for Infrastructure Improvements \$5,585,863,958 Transportation (in millions) \$4,000 \$3,500 \$3,000 \$2,500 \$2,000 \$1,500 of \$1,000 Est. \$500 Est. 11 2 11 **Inventory Year** Completed Post-secondary Education (in millions) \$200 \$150 \$100 \$50 \$0 \$0 \$1,000 Cost of Needs \$800 \$600 \$400 \$200 Est. **Inventory Year** Completed **School Renovations** (in millions) \$700 \$16 \$14 \$600

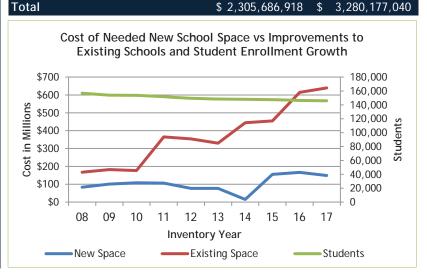
Cost of Completions \$12 \$10 \$400 \$8 \$6 \$300 Cost \$200 \$4 \$100 \$2 \$0 \$0 Est. **Inventory Year** Completed = Local

= Regional (Serves Multiple Counties)

\$500

Estimated Cost of Needed Infrastructure for Shelby County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 959,999,940	\$ 1,995,228,976
Post-secondary Education	144,820,000	581,399,241
School Renovations	524,696,683	114,487,766
Water and Wastewater	210,323,306	266,300,000
Housing	171,000,000	-
New Public Schools & Additions	39,489,000	109,198,884
Recreation	15,360,000	102,943,861
Law Enforcement	75,775,800	31,546,855
Public Health Facilities	100,600,000	-
Fire Protection	22,093,189	18,134,038
Libraries, Museums, & Historic Sites	11,868,000	26,667,019
Public Buildings	11,980,000	11,100,000
Other Facilities	8,750,000	5,863,000
Solid Waste	-	8,000,000
Business District Development	250,000	6,368,000
Community Development	6,043,500	351,900
Storm Water	2,637,500	2,587,500
Broadband	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Other Utilities	-	-
School-System-wide	-	-
Total	¢ 2 205 606 010	¢ 2 290 177 040



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Smith County Estimated Cost of Needed Infrastructure for Smith County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$126,338,500 Planning & Design + Construction **Project Type** Conceptual Transportation 76,448,000 34,171,300 Water and Wastewater 3,000,000 3,100,000 Transportation New Public Schools & Additions 5,436,000 (in millions) \$120 Cost of Completions School Renovations 2,688,200 25,000 of Needs \$100 \$12 \$10 Solid Waste 1,000,000 \$80 \$8 Recreation 150,000 120,000 \$60 Cost \$6 \$40 Law Enforcement 200,000 \$20 Est. Broadband Est. **Business District Development Inventory Year** Community Development -Completed Fire Protection Housing Water and Wastewater **Industrial Sites and Parks** (in millions) Libraries, Museums, & Historic Sites \$16 Completions Cost of Needs \$14 \$3.0 Other Education \$12 \$2.5 Other Facilities \$10 \$2.0 \$8 \$1.5 Other Utilities \$6 Cost of \$1.0 \$4 Post-secondary Education \$0.5 \$2 **Public Buildings** \$0.0 Public Health Facilities **Inventory Year** School-System-wide Completed Storm Water Total 88,922,200 37,416,300 New Public Schools & Additions (in millions) Cost of Needed New School Space vs Improvements to \$6 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 Cost of Completions **Existing Schools and Student Enrollment Growth** Cost of Needs \$5 \$6 3,500 \$4 \$3 3,000 \$5 in Millions \$2 2,500 \$4 \$1 2,000 \$3 \$0 1,500 008 009 11 11 11 11 11 11 11 11 Cost \$2 1,000 **Inventory Year** \$1 500 Completed \$0 08 09 10 11 12 13 14 15 16 17 **Inventory Year** = Regional (Serves Multiple Counties) New Space Existing Space Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Stewart County Total Estimated Cost* for Infrastructure Improvements \$35,517,300

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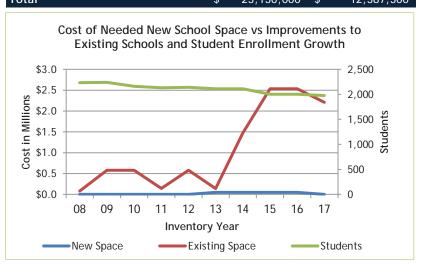






Estimated Cost of Needed Infrastructure for Stewart County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 19,845,000	\$ 544,000
Other Utilities	-	11,000,000
School Renovations	1,910,000	300,000
Water and Wastewater	500,000	543,300
Recreation	725,000	-
Public Buildings	150,000	-
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	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 23,130,000	\$ 12,387,300



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

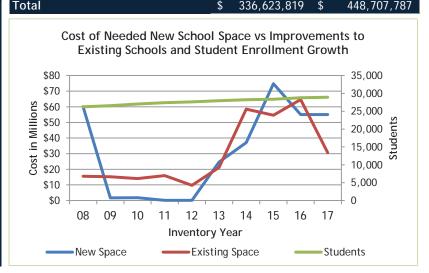
Sullivan County Estimated Cost of Needed Infrastructure for Sullivan County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$1,187,077,536 Planning & Design + Construction Project Type Conceptual Transportation 359,587,881 201,117,754 New Public Schools & Additions 88,180,000 56,500,000 Transportation **School Renovations** 90,431,000 50,303,449 (in millions) \$600 \$40 Cost of Completions Water and Wastewater 27,249,000 72,951,108 \$35 \$500 \$30 Post-secondary Education 16,490,000 44,741,610 \$400 \$25 of Housing \$300 \$20 6,945,000 50,825,000 Cost \$15 \$200 Public Health Facilities 55,000,000 \$10 \$100 \$5 Industrial Sites and Parks 22,198,900 6,367,000 \$0 Recreation 5,965,000 10,610,321 Est. **Inventory Year** Storm Water 500,000 7,400,000 Completed Other Facilities 6,700,000 100,000 Fire Protection 200,000 4,568,000 **New Public Schools & Additions** School-System-wide 1,000,000 (in millions) Libraries, Museums, & Historic Sites \$20 505,513 \$200 Completions of Needs **Business District Development** 301,000 \$150 \$15 **Public Buildings** 270,000 \$100 \$10 Community Development 70,000 Est. Cost Cost of Broadband \$50 Law Enforcement \$0 Est. 08 00 11 11 11 15 15 17 Other Education **Inventory Year** Other Utilities Completed Solid Waste Total 680,516,781 **School Renovations** (in millions) Cost of Needed New School Space vs Improvements to \$160 \$5.0 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$1.5 \$0.5 \$0.0 of Completions Existing Schools and Student Enrollment Growth \$ \$140 \$120 \$100 \$180 25,000 \$160 of \$80 20,000 \$140 Cost \$60 in Millions \$120 \$40 15,000 stradents Cost Est. \$20 \$100 \$80 Est Cost \$60 **Inventory Year** \$40 5,000 \$20 Completed \$0 13 80 09 10 11 12 14 15 16 17 **Inventory Year** Regional (Serves Multiple Counties) **New Space Existing Space** Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Sumner County Total Estimated Cost* for Infrastructure Improvements \$785,331,606 Transportation (in millions) \$400 Cost of Needs \$350 \$300 \$250 \$200 \$150 \$100 \$50 Est. 12 13 14 15 17 **Inventory Year** Completed Water and Wastewater (in millions) \$200 \$60 Completions Est. Cost of Needs \$50 \$150 \$40 \$100 \$30 Cost of \$20 \$50 \$0 0112113 80 **Inventory Year** Completed Recreation (in millions) \$120 \$12 Cost of Completions Needs \$80 \$10 \$8 of \$60 \$6 Cost \$40 \$20

Estimated Cost of Needed Infrastructure for Sumner County Five-year period July 2017 through June 2022

	Project Type	Conceptual		nning & Design Construction
	Transportation	\$ 139,678,775	\$	196,472,462
	Water and Wastewater	30,389,000		131,970,000
	Recreation	78,227,044		12,184,375
	New Public Schools & Additions	55,000,000		-
	Post-secondary Education	2,810,000		49,810,000
	School Renovations	2,199,000		28,382,950
	Community Development	5,100,000		6,000,000
	Fire Protection	6,200,000		4,600,000
	Other Utilities	-		9,000,000
	Public Buildings	4,000,000		4,175,000
	Libraries, Museums, & Historic Sites	6,310,000		688,000
	Storm Water	1,410,000		3,675,000
	Law Enforcement	3,000,000		-
	Business District Development	2,000,000		-
	Other Facilities	300,000		1,000,000
	Industrial Sites and Parks	-		750,000
	Broadband	-		-
	Housing	-		-
	Other Education	-		-
7	Public Health Facilities	-		-
ĺ	School-System-wide	-		-
	Solid Waste	-		-
	Total	\$ 336 623 810	¢	118 707 787



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Est.

Completed

Inventory Year

= Regional (Serves Multiple Counties)

Local

Tipton County Estimated Cost of Needed Infrastructure for Tipton County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$458,747,123 Planning & Design + Construction Project Type Conceptual Transportation 111,955,000 323,877,314 Water and Wastewater 8,500,000 Transportation Recreation 3,155,000 1,145,384 (in millions) \$500 \$35 Cost of Completions Law Enforcement 660,000 3,500,000 Est. Cost of Needs \$30 \$400 \$25 School Renovations 2,581,000 953,425 \$300 \$20 New Public Schools & Additions 1,700,000 \$15 \$200 Post-secondary Education 720,000 \$10 \$100 \$5 Broadband **Business District Development** 12 13 14 15 17 Est. **Inventory Year** Community Development Completed Fire Protection Housing Water and Wastewater Industrial Sites and Parks (in millions) Libraries, Museums, & Historic Sites \$30 \$5 Cost of Completions Cost of Needs Other Education \$25 \$4 \$20 Other Facilities \$3 \$15 Other Utilities \$10 **Public Buildings** \$5 Est. **Public Health Facilities** \$0 008 009 009 111 112 113 115 116 School-System-wide **Inventory Year** Solid Waste Completed Storm Water 126,851,000 Total 331,896,123 Recreation (in millions) Cost of Needed New School Space vs Improvements to \$1.2 \$5.0 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$1.5 \$1.0 \$0.5 \$0.0 Completions **Existing Schools and Student Enrollment Growth** Est. Cost of Needs \$1.0 \$50 14,000 \$0.8 \$45 \$0.6 12,000 \$40 Cost in Millions \$0.4 of 10,000 \$35 Students Cost \$0.2 \$30 8,000 \$25 6,000 \$20 08 00 11 11 12 13 14 17 16 Est \$15 4,000 **Inventory Year** \$10 2,000 \$5 Completed 0 \$0 12 13 80 09 10 14 17 = Local **Inventory Year** Regional (Serves Multiple Counties) New Space Existing Space Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Trousdale County

Total Estimated Cost* for Infrastructure Improvements \$100,316,233

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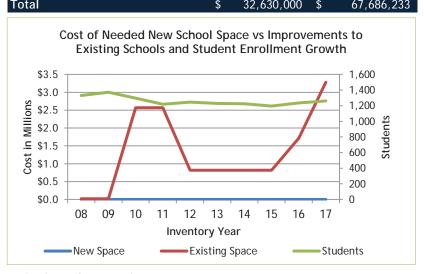






Estimated Cost of Needed Infrastructure for Trousdale County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 25,230,000	\$ 36,770,754
Industrial Sites and Parks	1,000,000	17,588,847
Water and Wastewater	-	10,245,000
Law Enforcement	6,000,000	-
School Renovations	200,000	3,081,632
Post-secondary Education	200,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 32,630,000	\$ 67,686,233

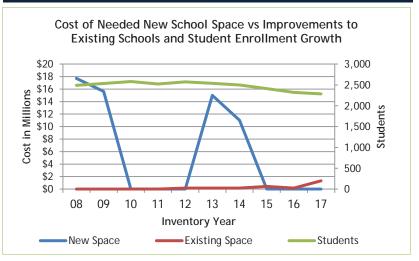


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Unicoi County Total Estimated Cost* for Infrastructure Improvements \$102,869,982 Transportation (in millions) \$70 \$25 Cost of Completions Cost of Needs \$60 \$20 \$50 \$15 \$40 \$30 \$20 Est. \$10 \$0 Est. **Inventory Year** Completed Recreation (in millions) \$1.6 \$1.4 \$1.2 \$1.0 \$0.8 \$30 Cost of Completions of Needs \$25 \$20 \$15 Cost \$10 \$0.4 \$0.2 Est. \$5 \$0.0 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Community Development (in millions) \$25 \$3.0 Cost of Completions Cost of Needs \$2.5 \$20 \$2.0 \$15 \$1.5 \$10 \$1.0 \$5 \$0.5 \$0 \$0.0 Est. 08 09 11 11 12 13 14 16 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Unicoi County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 36,921,000	\$ 4,460,818
Recreation	12,995,000	15,457,089
Community Development	16,575,000	-
Water and Wastewater	8,475,200	3,010,875
Broadband	1,100,000	740,000
School Renovations	150,000	1,185,000
Business District Development	1,000,000	-
Industrial Sites and Parks	650,000	-
Housing	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	\$ 78,016,200	\$ 24,853,782



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

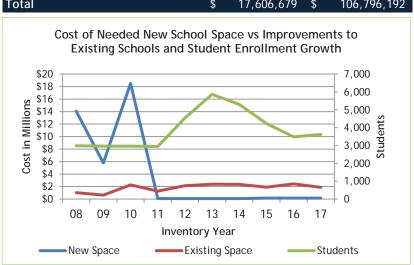
Union County Total Estimated Cost* for Infrastructure Improvements \$124,402,871 Transportation (in millions) \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 \$0 \$160 \$140 Cost of Needs \$120 \$100 \$80 \$60 \$40 Est. \$20 Est. 80 **Inventory Year** Completed





Estimated Cost of Needed Infrastructure for Union County Five-year period July 2017 through June 2022

			Planning & Design
	Project Type	Conceptual	+ Construction
	Transportation	\$ 10,325,000	\$ 106,384,209
	Recreation	3,885,000	-
	School Renovations	1,471,679	411,983
	Industrial Sites and Parks	1,200,000	-
	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	-	-
١	Storm Water	-	-
	Water and Wastewater	-	-
	Total	\$ 17.606.679	\$ 106,796,192

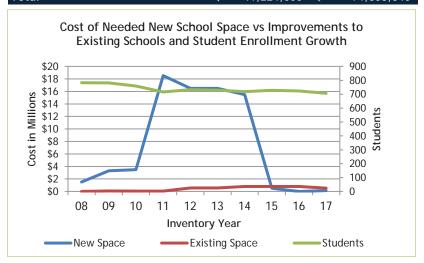


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Van Buren County Total Estimated Cost* for Infrastructure Improvements \$116,082,340 **Community Development** (in millions) \$35 \$1.0 Est. Cost of Needs \$30 \$0.8 \$25 \$0.6 \$20 \$15 \$0.4 \$10 \$0.2 \$5 Est. **Inventory Year** Completed Transportation (in millions) \$100 \$80 Cost of Completions Est. Cost of Needs \$70 \$80 \$60 \$50 \$60 \$40 \$40 \$30 \$20 \$20 \$10 \$0 Est. 008 009 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Recreation (in millions) \$25 \$3.5 Completions \$3.0 Est. Cost of Needs \$20 \$2.5 \$15 \$2.0 \$1.5 \$10 of \$1.0 \$5 Cost \$0.5 11 2 11 Est **Inventory Year** Completed Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Van Buren County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Community Development	\$ -	\$ 29,440,000
Transportation	614,000	26,239,340
Recreation	13,790,000	6,800,000
Water and Wastewater	10,300,000	550,000
Industrial Sites and Parks	10,000,000	-
Law Enforcement	-	7,000,000
Public Health Facilities	6,000,000	-
Public Buildings	-	4,000,000
Other Utilities	-	631,000
School Renovations	520,000	-
New Public Schools & Additions	-	130,000
Business District Development	-	68,000
Broadband	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 41,224,000	\$ 74,858,340



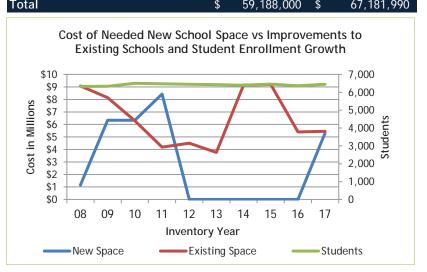
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Warren County Total Estimated Cost* for Infrastructure Improvements \$126,369,990 Transportation (in millions) \$140 \$25 Cost of Completions Est. Cost of Needs \$120 \$20 \$100 \$15 \$80 \$60 \$40 \$20 Est. **Inventory Year Completed** Water and Wastewater (in millions) \$10 \$35 Cost of Completions Est. Cost of Needs \$30 \$8 \$25 \$6 \$20 \$15 \$10 \$5 \$0 08 00 11 11 12 13 14 17 17 **Inventory Year** -Completed Law Enforcement (in millions) \$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 \$0.00 \$30 Cost of Needs \$25 \$20 \$15 \$10 \$5 \$0.00 Est **Inventory Year** Completed Local

= Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Warren County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 32,749,000	\$ 46,820,890
Water and Wastewater	4,500,000	12,115,000
Law Enforcement	11,200,000	-
School Renovations	3,145,000	2,304,100
New Public Schools & Additions	5,304,000	-
Recreation	-	5,000,000
Public Buildings	1,260,000	300,000
Post-secondary Education	730,000	642,000
Fire Protection	300,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
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	\$ 59 188 000	\$ 67 181 990

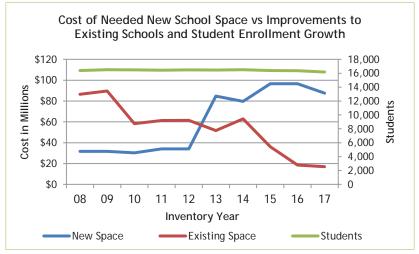


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Washington County Total Estimated Cost* for Infrastructure Improvements \$711,793,004 Post-secondary Education (in millions) \$50 \$300 Completions Cost of Needs \$250 \$40 \$200 \$30 \$150 \$20 \$100 Cost of \$50 Est. \$0 12 13 14 15 17 Est. **Inventory Year** Completed Transportation (in millions) \$250 \$60 Completions Est. Cost of Needs \$50 \$200 \$40 \$150 \$30 \$100 \$20 of \$50 Cost \$10 **Inventory Year** -Completed Water and Wastewater (in millions) \$250 \$60 Cost of Completions \$50 Est. Cost of Needs \$200 \$40 \$150 \$30 \$100 \$20 \$50 \$10 \$0 Est. **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Washington County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Post-secondary Education	\$ 27,100,000	\$ 155,699,250
Transportation	103,662,000	70,211,248
Water and Wastewater	48,125,000	65,655,000
New Public Schools & Additions	50,175,500	37,400,000
Recreation	3,070,000	56,523,006
Housing	6,780,000	30,600,000
School Renovations	12,454,000	4,455,000
Law Enforcement	7,800,000	1,600,000
Other Facilities	-	8,000,000
Fire Protection	5,750,000	75,000
Libraries, Museums, & Historic Sites	1,990,000	2,700,000
Public Buildings	1,650,000	2,084,000
Industrial Sites and Parks	1,000,000	1,900,000
Public Health Facilities	2,800,000	-
Business District Development	2,000,000	-
School-System-wide	300,000	174,000
Solid Waste	-	60,000
Broadband	-	-
Community Development	-	-
Other Education	-	-
Other Utilities	-	-
Storm Water	-	-
Total	\$ 274,656,500	\$ 437,136,504



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Wayne County Total Estimated Cost* for Infrastructure Improvements \$105,416,999 Transportation (in millions) \$60 \$50 \$40 \$30 \$20 \$10 \$20 \$10 \$0 \$10 \$0 \$120 Cost of Needs \$100 \$80 \$60 \$40 \$20 Est. \$0 10 11 11 11 11 11 11 11 80 Est, **Inventory Year** -Completed Law Enforcement (in millions) \$50 \$12 Cost of Completions Cost of Needs \$10 \$40 \$8 \$30 \$6 \$20 \$4 \$10 \$0 Est. 08 00 11 11 11 15 15 17 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$7 \$0.12 Completions \$6 of Needs \$0.10 \$5 \$0.08

\$4

\$3 Cost

\$2

\$1

\$0

= Local

08 00 11 11 12 13 15 16

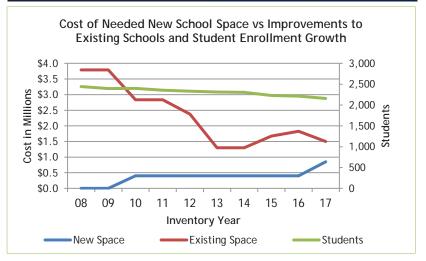
Inventory Year

= Regional (Serves Multiple Counties)

Completed

Estimated Cost of Needed Infrastructure for Wayne County Five-year period July 2017 through June 2022

	Project Type	(Conceptual	ining & Design Construction
	Transportation	\$	43,384,000	\$ 2,532,180
	Law Enforcement		19,330,000	25,200,000
	Industrial Sites and Parks		5,000,000	974,300
	Water and Wastewater		1,500,000	1,289,847
	Community Development		1,500,000	-
	School Renovations		1,399,000	100,000
	Solid Waste		-	950,000
	New Public Schools & Additions		850,000	-
	School-System-wide		-	781,717
	Public Health Facilities		250,000	-
	Recreation		250,000	-
	Fire Protection		125,955	-
	Broadband		-	-
	Business District Development		-	-
	Housing		-	-
	Libraries, Museums, & Historic Sites		-	-
	Other Education		-	-
	Other Facilities		-	-
	Other Utilities		-	-
	Post-secondary Education		-	-
١	Public Buildings		-	-
	Storm Water		-	-
	Total	\$	73,588,955	\$ 31,828,044



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

\$0.06

\$0.04 of

\$0.02

\$0.00

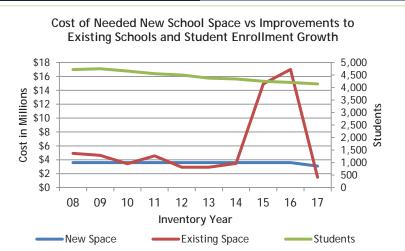
Cost

Est.

Weakley County Total Estimated Cost* for Infrastructure Improvements \$266,790,102 Post-secondary Education (in millions) \$250 Cost of Completions Est. Cost of Needs \$35 \$200 \$30 \$25 \$150 \$20 \$100 \$15 \$10 \$50 \$5 Est. **Inventory Year** Completed Transportation (in millions) \$50 Cost of Completions Est. Cost of Needs \$5 \$40 \$4 \$30 \$3 \$20 \$10 \$0 08 00 11 11 11 15 **Inventory Year** Completed Total Libraries, Museums, & Historic Sites (in millions) \$6 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Cost of Completions Cost of Needs \$5 \$4 \$3 \$2 \$1 Est. \$0 Est. **Inventory Year** Completed Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Weakley County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Post-secondary Education	\$ 79,160,000	\$ 114,470,000
Transportation	36,185,000	10,784,833
Libraries, Museums, & Historic Sites	5,500,000	-
Law Enforcement	-	4,500,000
Water and Wastewater	2,500,000	1,359,280
New Public Schools & Additions	3,100,000	-
Recreation	850,000	1,149,633
Industrial Sites and Parks	1,900,000	-
Public Buildings	1,500,000	60,000
School Renovations	575,000	896,356
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	-	-



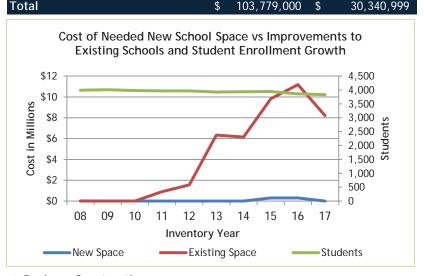
132,570,000

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

White County **Total Estimated Cost* for** Infrastructure Improvements \$134,119,999 Transportation (in millions) \$70 \$10 Est. Cost of Completions Cost of Needs \$60 \$8 \$50 \$6 \$40 \$30 \$20 Est. \$10 \$0 10 11 12 13 14 17 17 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$50 \$2.5 of Completions Est. Cost of Needs \$2.0 \$40 \$30 \$1.5 \$20 \$0.5 \$10 Est. Cost 08 09 09 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Water and Wastewater (in millions) \$18 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 Cost of Completions \$6 Est. Cost of Needs \$5 \$4 \$3 \$2 Est. 80 10 11 12 13 15 17 17 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for White County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 44,179,000	\$ 14,399,330
Industrial Sites and Parks	40,000,000	2,065,700
Water and Wastewater	9,500,000	3,800,000
School Renovations	2,200,000	6,010,000
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	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 103 779 000	\$ 30,340,999



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

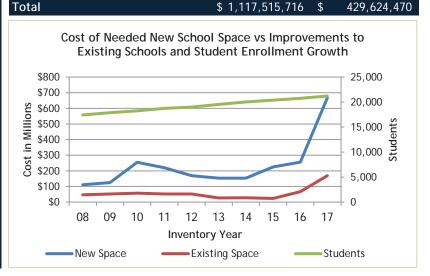
Williamson County **Estimated Cost of Needed Infrastructure** for Williamson County Total Estimated Cost* for Five-year period July 2017 through June 2022 Infrastructure Improvements \$1,790,616,104 Planning & Design + Construction Project Type Conceptual Transportation 201,184,000 562,577,145 New Public Schools & Additions 252,000,000 157,920,000 Transportation Water and Wastewater 39,201,264 193,534,370 (in millions) \$1,000 \$250 Cost of Completions Cost of Needs **School Renovations** 94,079,000 44,842,943 \$800 \$200 Recreation 44,496,900 40,300,338 \$150 \$600 Post-secondary Education 52,760,000 \$100 \$400 Fire Protection 8,939,884 33,400,000 \$200 \$50 Est. **Public Buildings** 26,500,000 \$0 Est. Law Enforcement 21,000,000 **Inventory Year** Libraries, Museums, & Historic Sites 3,700,760 3,120,000 -Completed Community Development 5,292,500 Solid Waste 2,800,000 1,262,000 **New Public Schools & Additions** School-System-wide 1,530,000 (in millions) \$100 \$80 \$60 \$40 \$20 \$0 \$0 **Business District Development** 175,000 \$500 of Needs Broadband \$400 Housing \$300 Industrial Sites and Parks Cost \$200 Other Education \$100 Est. Other Facilities Est. Other Utilities **Inventory Year Public Health Facilities** Completed Storm Water Total 676, 154, 424 Water and Wastewater (in millions) Cost of Needed New School Space vs Improvements to \$250 \$25 Cost of Completions **Existing Schools and Student Enrollment Growth** \$200 \$20 \$500 45,000 \$150 \$15 \$450 40,000 \$400 \$100 Cost 35,000 in Millions \$350 30,000 30,000 25,000 20,000 15,000 \$50 \$300 \$250 \$0 \$200 Est. \$150 **Inventory Year** 10,000 \$100 5,000 \$50 -Completed 0 \$0 80 09 10 12 13 14 15 16 17 = Local **Inventory Year** = Regional (Serves Multiple Counties) Existing Space **New Space** Students

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Wilson County Total Estimated Cost* for Infrastructure Improvements \$1,547,140,186 **New Public Schools & Additions** (in millions) \$800 \$60 of Completions Cost of Needs \$700 \$50 \$600 \$40 \$500 \$400 \$30 \$300 \$20 \$200 Cost \$10 Est. \$100 08 00 11 12 13 14 15 17 Est. **Inventory Year** -Completed Transportation (in millions) \$600 \$50 Cost of Completions Est. Cost of Needs \$500 \$40 \$400 \$30 \$300 \$20 \$200 \$10 \$100 \$0 **Inventory Year** Completed **School Renovations** (in millions) \$45 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 \$0 Cost of Completions Est. 08 **Inventory Year** Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Wilson County Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
New Public Schools & Additions	\$ 621,700,000	\$ 46,000,000
Transportation	266,870,000	279,437,950
School Renovations	152,878,500	16,000,000
Water and Wastewater	56,800,000	30,265,000
School-System-wide	2,150,000	20,000,000
Law Enforcement	5,000,000	11,840,000
Recreation	3,897,216	12,181,520
Other Utilities	-	10,000,000
Fire Protection	2,000,000	3,500,000
Solid Waste	3,000,000	-
Public Buildings	2,500,000	400,000
Public Health Facilities	720,000	-
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Storm Water	-	-
Total	¢ 1 117 515 716	\$ 129 621 170



^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Multi-county Total Estimated Cost* for Infrastructure Improvements \$3,688,566,915 Transportation (in millions) \$3,000 Est. Cost of Needs \$2,500 \$2,000 \$1,500 \$1,000 \$500 Est. **Inventory Year** -Completed Water and Wastewater (in millions) \$500 \$1.0 Cost of Completions Est. Cost of Needs \$400 \$0.8 \$300 \$0.6 \$200 \$100 \$0 08 00 11 11 11 11 11 11 11 11 11 **Inventory Year** -Completed Other Utilities (in millions) \$300 Cost of Completions \$6 \$5 \$4 \$3 \$2 Est. **Inventory Year** -Completed Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Multi-county Five-year period July 2017 through June 2022

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 1,329,181,000	\$ 1,483,067,306
Water and Wastewater	24,106,410	405,544,000
Other Utilities	89,700,000	185,775,000
Law Enforcement	3,200,000	66,230,000
Post-secondary Education	-	37,420,000
Recreation	13,640,000	15,000,000
Other Education	-	23,000,000
Public Buildings	-	12,410,000
Fire Protection	158,000	-
Libraries, Museums, & Historic Sites	-	135,199
Broadband	-	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
New Public Schools & Additions	-	-
Other Facilities	-	-
Public Health Facilities	-	-
School Renovations	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 1,459,985,410	\$ 2,228,581,505

^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction