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

July 2015 through June 2020

COUNTY SUMMARIES

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

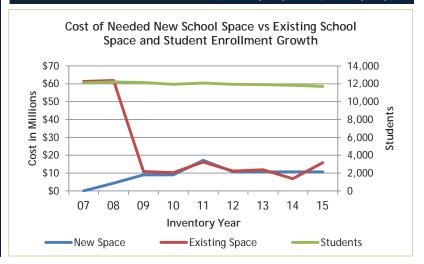




Anderson County Total Estimated Cost* for Infrastructure Improvements \$216,800,582 Transportation (in millions) \$30 \$160 of Completions \$140 Cost of Needs \$25 \$120 \$20 \$100 \$80 \$15 \$60 \$10 \$40 Cost Est. \$20 Est. 09 11 11 12 13 15 **Inventory Year** -Completed Post-secondary Education (in millions) \$20 \$16 Cost of Completions \$14 \$12 Est. Cost of Needs \$15 \$10 \$8 \$10 \$6 \$4 \$2 \$5 \$0 07 08 09 09 11 11 12 13 15 **Inventory Year** Completed **School Renovations** (in millions) \$70 \$2.5 Cost of Completions \$60 Cost of Needs \$2.0 \$50 \$1.5 \$40 \$30 \$1.0 \$20 \$0.5 \$10 \$0.0 \$0 Est. 07 08 09 09 11 11 13 **Inventory Year** Completed = Local = Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Anderson County Five-year period July 2015 through June 2020

D		Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 58,832,000	\$ 75,753,725
Post-secondary Education	410,000	16,065,000
School Renovations	9,419,855	6,407,996
Water and Wastewater	3,600,000	10,537,965
Recreation	7,480,000	5,025,000
New Public Schools & Additions	10,500,000	160,000
Community Development	3,474,000	1,998,359
Law Enforcement	1,840,000	-
Libraries, Museums, & Historic Sites	236,682	1,400,000
Public Health Facilities	1,250,000	-
Other Utilities	-	595,000
Solid Waste	65,000	500,000
Industrial Sites and Parks	500,000	-
Other Facilities	500,000	-
Fire Protection	250,000	-
Business District Development	-	-
Housing	-	-
Other Education	-	-
Public Buildings	-	-
School-System-wide	-	-
Storm Water	-	-
Total	\$ 98,357,537	\$ 118,443,045



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

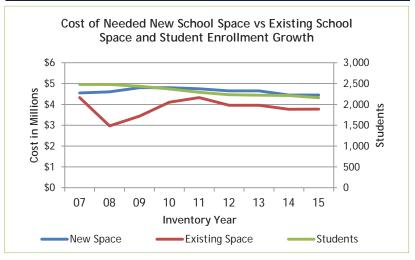


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Benton County Total Estimated Cost* for Infrastructure Improvements \$196,312,895 Transportation (in millions) \$200 \$5 Est. Cost of Completions Est. Cost of Needs \$150 \$100 \$50 \$0 11 12 13 **Inventory Year** -Completed Water and Wastewater (in millions) \$1.2 \$1.0 \$1.0 \$0.8 \$0.6 \$0.6 \$12 Est. Cost of Needs \$10 \$8 \$6 \$4 \$0.4 5 \$0.2 \$2 07 08 09 09 11 11 14 15 **Inventory Year** Completed New Public Schools & Additions (in millions) \$6.0 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Est. Cost of Completions Needs \$4.0 ₽ \$3.0 Cost \$2.0 \$1.0 est. **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Benton County Five-year period July 2015 through June 2020

		Planning & Design +	
Project Type	Conceptual	Construction	
Transportation	\$ 127,622,000	\$ 48,749,695	
Water and Wastewater	10,000,000	255,000	
New Public Schools & Additions	4,450,000	-	
School Renovations	3,277,000	494,200	
Recreation	790,000	-	
Public Buildings	575,000	-	
Other Facilities	100,000	-	
Business District Development	-	-	
Community Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Law Enforcement	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 146,814,000	\$ 49,498,895	



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

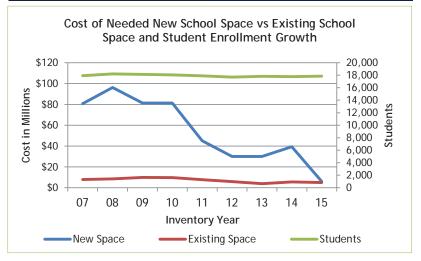


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

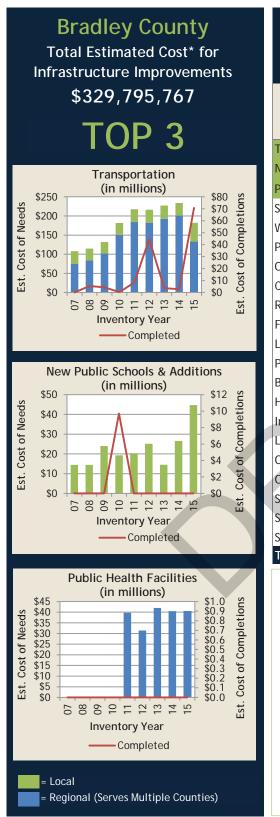
Blount County Total Estimated Cost* for Infrastructure Improvements \$818,365,508 Transportation (in millions) \$800 \$35 Cost of Completions \$700 Cost of Needs \$30 \$600 \$25 \$500 \$20 \$400 \$15 \$300 \$10 \$200 Est. \$100 \$0 11 12 13 14 15 Est. **Inventory Year** -Completed Recreation (in millions) \$2.0 \$1.5 \$1.0 \$1.0 \$30 Est. Cost of Needs \$25 \$20 \$15 \$10 of \$0.5 \$5 07 08 09 09 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$30 Est. Cost of Completions Cost of Needs \$25 \$20 \$20 \$15 \$15 \$10 \$10 \$5 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Blount County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 337,737,431	\$ 407,008,106
Recreation	22,050,000	5,748,954
Water and Wastewater	18,800,000	2,867,300
Industrial Sites and Parks	-	7,060,971
New Public Schools & Additions	6,000,000	-
School Renovations	3,105,000	1,909,500
Public Buildings	1,250,000	1,650,000
Libraries, Museums, & Historic Sites	1,591,246	-
Post-secondary Education	-	1,400,000
Law Enforcement	-	120,000
Fire Protection	67,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	_	-
Total	\$ 390,600,677	\$ 427,764,831

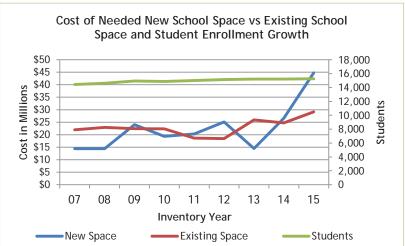


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for Bradley County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 66,322,898	\$ 115,583,049
New Public Schools & Additions	16,375,000	28,384,500
Public Health Facilities	-	40,500,000
School Renovations	5,693,000	23,462,900
Water and Wastewater	7,824,000	11,650,000
Post-secondary Education	2,170,000	2,648,167
Other Facilities	-	3,000,000
Community Development	2,500,000	152,280
Recreation	-	1,399,973
Fire Protection	1,200,000	-
Libraries, Museums, & Historic Sites	780,000	-
Public Buildings	-	150,000
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Other Education	-	-
Other Utilities	-	-
School-System-wide	-	_
Solid Waste	-	-
Storm Water	-	_
Total	\$ 102,864,898	\$ 226,930,869

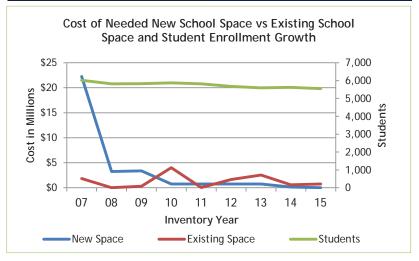


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Campbell County Total Estimated Cost* for Infrastructure Improvements \$184,452,024 Transportation (in millions) \$200 \$14 Est. Cost of Completions Est. Cost of Needs \$12 \$150 \$10 \$8 \$100 \$50 \$0 14 12 07 **Inventory Year** -Completed Water and Wastewater (in millions) \$25 \$10 Cost of Completions Est. Cost of Needs \$20 \$8 \$6 \$15 \$10 \$5 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) Est. Cost of Needs 4.75 (1984) 1.00 (1984) \$0.16 \$0.14 \$0.12 \$0.10 \$0.08 \$0.06 \$0.04 \$0.02 \$0.00 \$0.00 \$0.00 \$0.00 Est. **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Campbell County Five-year period July 2015 through June 2020

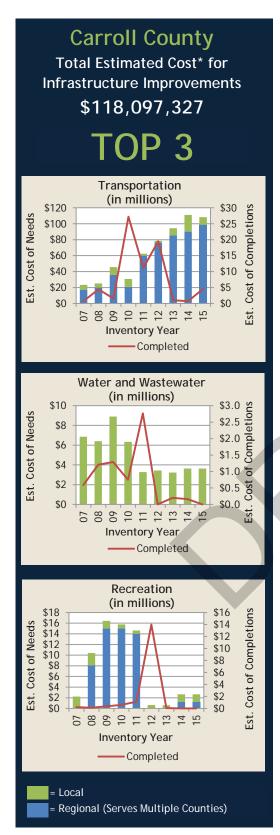
Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 63,747,000	\$ 101,127,963
Water and Wastewater	4,175,000	6,047,000
Industrial Sites and Parks	3,380,000	500,000
Recreation	2,470,000	170,000
School Renovations	100,000	640,000
Fire Protection	700,000	-
Law Enforcement	-	630,000
Other Utilities	107,004	298,057
Storm Water	-	360,000
Business District Development	_	-
Community Development	-	_
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	_	_
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 74,679,004	\$ 109,773,020



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

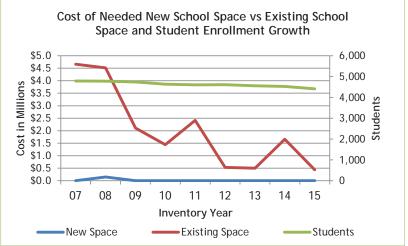


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for Carroll County Five-year period July 2015 through June 2020

			ı	lanning & Design +	
Project Type	Conc	Conceptual		Construction	
Transportation	\$ 40	,986,000	\$	67,304,142	
Water and Wastewater	2	,933,000		697,185	
Recreation	1	,200,000		1,440,000	
Public Buildings	1	,500,000		-	
Storm Water		500,000		-	
School Renovations		260,000		178,000	
Fire Protection		400,000		-	
Other Facilities		375,000		-	
Law Enforcement		-		324,000	
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	\$ 48	,154,000	\$	69,943,327	



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

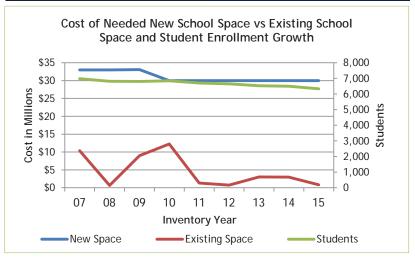


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Cheatham County Total Estimated Cost* for Infrastructure Improvements \$248,198,107 Transportation (in millions) \$200 \$20 Cost of Completions Est. Cost of Needs \$15 \$150 \$100 \$50 \$0 Est. 07 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$1.0 \$0.8 \$0.6 \$0.4 \$0.4 \$35 Est. Cost of Needs \$30 \$25 \$20 \$15 \$0.4 \$10 \$0.2 Cost \$5 \$0.0 07 08 09 09 11 11 12 13 **Inventory Year** Completed Water and Wastewater (in millions) \$30 \$6 Est. Cost of Completions Cost of Needs \$25 \$5 \$20 \$4 \$3 \$15 \$2 \$10 \$5 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Cheatham County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 81,724,000	\$ 71,421,764
New Public Schools & Additions	30,000,000	-
Water and Wastewater	17,250,000	5,207,000
Public Buildings	14,100,000	-
Law Enforcement	12,000,000	-
Recreation	6,205,295	5,647,000
Industrial Sites and Parks	2,100,000	-
Libraries, Museums, & Historic Sites	1,000,000	-
School Renovations	-	830,052
Fire Protection	300,000	-
Storm Water	200,000	-
Business District Development	-	162,996
Other Facilities	50,000	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste		-
Total	\$ 164,929,295	\$ 83,268,812



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

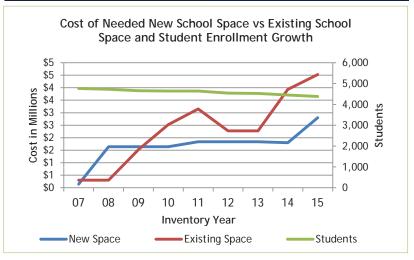


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Claiborne County Total Estimated Cost* for Infrastructure Improvements \$102,740,120 Transportation (in millions) \$200 \$40 \$35 \$30 Cost of Completions Est. Cost of Needs \$150 \$25 \$100 \$20 \$15 \$50 \$10 11 12 13 14 15 Est. **Inventory Year** -Completed Water and Wastewater (in millions) \$30 \$16 Cost of Completions Est. Cost of Needs \$14 \$25 \$12 \$20 \$10 \$8 \$6 \$15 \$10 \$4 \$5 \$2 \$0 07 08 09 09 11 11 14 15 **Inventory Year** Completed School Renovations (in millions) \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.3 \$0.2 \$0.1 \$0.0 Est. Cost of Completions **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Claiborne County Five-year period July 2015 through June 2020

Dayland Town	0		lanning & Design + onstruction
Project Type		onceptual	
Transportation	\$	28,528,000	\$ 49,989,638
Water and Wastewater		11,153,645	1,949,060
School Renovations		3,672,000	857,000
New Public Schools & Additions		2,800,000	-
Recreation		900,000	1,382,127
Law Enforcement		520,000	-
Public Buildings		500,000	-
Business District Development		-	488,650
Community Development		-	-
Fire Protection		-	-
Housing		-	-
Industrial Sites and Parks		-	-
Libraries, Museums, & Historic Sites		-	-
Other Education		-	-
Other Facilities		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Health Facilities		-	-
School-System-wide		-	-
Solid Waste		-	-
Storm Water		-	-
Total	\$	48,073,645	\$ 54,666,475



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

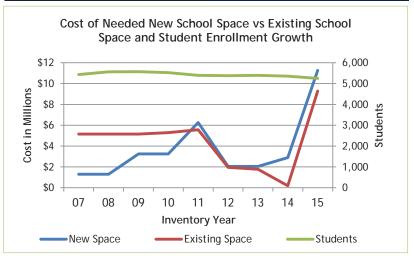


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Cocke County Total Estimated Cost* for Infrastructure Improvements \$338,131,144 Transportation (in millions) \$350 \$60 Cost of Completions Est. Cost of Needs \$300 \$50 \$250 \$40 \$200 \$30 \$150 \$20 \$100 \$50 \$0 Est. 10 11 12 13 14 15 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$0.6 \$0.8 \$0.5 \$0.8 \$0.3 \$0.3 \$12 Est. Cost of Needs \$10 \$8 \$6 \$4 \$0.2 5 \$0.1 8 \$2 \$0.0 07 08 09 11 11 12 13 **Inventory Year** Completed **School Renovations** (in millions) \$2.0 \$1.8 \$1.6 \$1.4 \$1.2 \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 \$0.0 \$10 \$9 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 Est. Cost of Completions Est. Cost of Needs **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Cocke County Five-year period July 2015 through June 2020

		Planning & Design + Construction
Project Type	Conceptual	Construction
Transportation	\$ 68,492,000	\$ 233,412,885
New Public Schools & Additions	7,676,000	3,590,000
School Renovations	8,337,607	950,000
Water and Wastewater	1,660,000	4,591,092
Other Utilities	1,700,000	4,100,000
Law Enforcement	3,000,000	-
Recreation	114,000	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	\$ 90,979,607	\$ 247,151,537



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

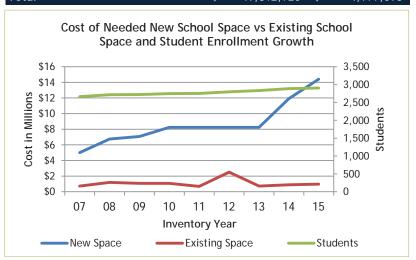


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Crockett County Total Estimated Cost* for Infrastructure Improvements \$54,790,319 Transportation (in millions) \$40 \$7 Cost of Completions Est. Cost of Needs \$35 \$6 \$30 \$5 \$25 \$4 \$20 \$3 \$15 \$10 \$5 \$0 Est. 07 08 09 10 11 11 13 15 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$1.0 \$0.8 \$0.6 \$0.4 \$0.6 \$0.4 \$0.6 \$0.4 \$16.0 \$14.0 \$12.0 Cost of Needs \$10.0 \$8.0 \$6.0 \$4.0 \$0.2 Cost \$2.0 \$0.0 \$0.0 07 08 09 09 11 11 12 13 **Inventory Year** Completed Water and Wastewater (in millions) \$4.0 \$3.5 \$3.0 \$2.5 \$0.8 Cost of Completions \$0.7 \$0.6 \$0.5 **5** \$2.0 \$0.4 \$1.5 \$1.0 \$0.3 \$0.2 Est. \$0.5 \$0.1 \$0.0 Est. 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Crockett County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
	\$ 28,900,000	
Transportation New Public Schools & Additions	14,400,000	\$ 2,755,865
		410.000
Water and Wastewater	2,622,726	410,000
Law Enforcement	1,350,000	78,000
Fire Protection	-	1,253,728
Recreation	1,100,000	-
School Renovations	740,000	230,000
Community Development	500,000	250,000
Public Buildings	200,000	-
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 49,812,726	\$ 4,977,593



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



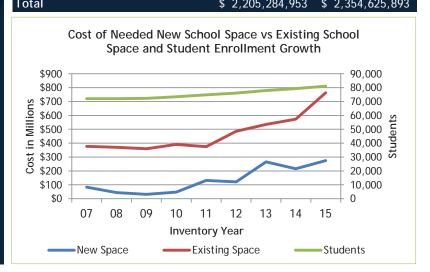
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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Davidson County Total Estimated Cost* for Infrastructure Improvements \$4,559,910,846 Transportation (in millions) \$2,000 \$1,500 \$100 \$50 \$0. Cost of Comple Est. Cost of N 000'1'500 \$0 Est. 11 12 13 **Inventory Year** -Completed Water and Wastewater (in millions) \$1,200 Cost of Needs \$400 \$400 \$400 \$400 \$400 \$400 Est. \$200 \$0 \$0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed **School Renovations** (in millions) \$900 \$60 Cost of Completions \$50 \$40 \$30 \$20 \$10 Est. (**Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Davidson County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 695,098,273	\$ 402,935,775
Water and Wastewater	63,574,000	894,800,000
School Renovations	675,740,680	87,470,200
Public Buildings	250,780,000	48,440,000
Libraries, Museums, & Historic Sites	11,530,000	266,713,000
New Public Schools & Additions	197,155,000	77,845,000
Post-secondary Education	141,910,000	72,584,061
Recreation	950,000	187,419,887
Law Enforcement	70,060,000	57,500,275
Public Health Facilities	55,472,000	59,430,000
Storm Water	-	100,000,000
Business District Development	12,000,000	35,500,000
Other Facilities	9,435,000	23,590,000
Community Development	10,000,000	14,450,000
Housing	-	21,507,695
Other Education	8,280,000	4,440,000
Other Utilities	3,300,000	-
Fire Protection	-	-
Industrial Sites and Parks	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 2,205,284,953	\$ 2.354.625.893



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



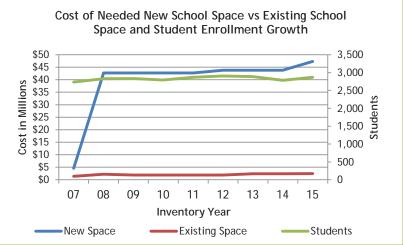
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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DeKalb County Total Estimated Cost* for **Infrastructure Improvements** \$224,265,874 Transportation (in millions) \$250 \$35 Cost of Completions Est. Cost of Needs \$30 \$200 \$25 \$150 \$20 \$15 \$100 \$10 \$50 \$0 Est. 11 12 13 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$1.0 \$0.8 \$0.6 \$0.4 \$0.6 \$0.4 \$0.6 \$0.4 \$50 Est. Cost of Needs \$40 \$30 \$20 \$10 \$0.2 Cost \$0 \$0.0 07 08 09 09 11 11 12 13 **Inventory Year** Completed Water and Wastewater (in millions) \$30 \$3.0 Est. Cost of Completions Cost of Needs \$25 \$2.5 \$20 \$2.0 \$1.5 \$15 Cost in Millions \$10 \$1.0 \$0.5 \$5 \$0 \$0.0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for DeKalb County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 15,920,000	\$ 129,163,874
New Public Schools & Additions	45,820,000	
Water and Wastewater	7,475,000	
Industrial Sites and Parks	4,250,000	
School Renovations	2,428,000	
Community Development	400,000	-
Recreation	330,000	
Business District Development	-	_
Fire Protection	_	_
Housing	_	_
Law Enforcement	_	_
Libraries, Museums, & Historic Sites	_	_
Other Education	_	_
Other Facilities	_	_
Other Utilities	_	_
Post-secondary Education	_	_
Public Buildings	_	_
Public Health Facilities	_	_
School-System-wide	_	_
Solid Waste	_	_
Storm Water	_	_
Total	\$ 76,623,000	\$ 147,642,874



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

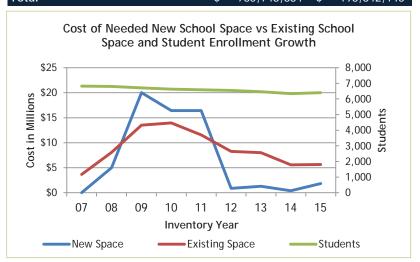


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Dyer County Total Estimated Cost* for Infrastructure Improvements \$984,591,027 Transportation (in millions) \$1,200 Est. Cost of Completions Cost of Needs 1,000 \$600 \$600 \$400 \$400 \$200 \$7 \$6 \$200 Est. \$0 11 12 13 14 **Inventory Year** -Completed Water and Wastewater (in millions) \$3.0 \$2.5 \$2.0 \$2.0 \$1.5 \$2.0 \$12 Est. Cost of Needs \$10 \$8 \$6 \$4 \$0.5 \$2 \$0.0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed **School Renovations** (in millions) \$16 \$14 \$12 \$10 \$3.5 Est. Cost of Completions \$3.0 Cost of Needs \$2.5 \$2.0 \$8 \$1.5 \$6 \$4 \$1.0 \$2 \$0 \$0.5 \$0.0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Dyer County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
	-	
Transportation	\$ 764,138,000	\$ 194,256,495
Water and Wastewater	7,950,000	1,050,000
School Renovations	2,760,000	2,880,000
Post-secondary Education	2,720,000	655,648
Public Buildings	2,006,000	-
New Public Schools & Additions	1,824,884	-
Fire Protection	1,250,000	-
Other Facilities	1,100,000	-
Law Enforcement	1,000,000	-
Community Development	800,000	-
Recreation	150,000	-
Solid Waste	50,000	-
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	\$ 785,748,884	\$ 198,842,143



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

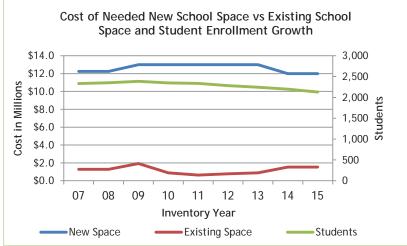


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Fentress County Total Estimated Cost* for Infrastructure Improvements \$183,968,695 Transportation (in millions) \$200 \$14 Est. Cost of Completions Est. Cost of Needs \$12 \$150 \$10 \$8 \$100 \$50 \$0 11 12 13 **Inventory Year** -Completed Other Education (in millions) \$2.0 \$1.5 \$1.0 \$1.0 \$25 Est. Cost of Needs \$20 \$15 \$10 \$5 \$0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed New Public Schools & Additions (in millions) \$14 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Est. Cost of Completions \$12 Cost of Needs \$10 \$8 \$6 \$4 \$2 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Fentress County Five-year period July 2015 through June 2020

2		Planning & Design + Construction	
Project Type	Conceptual		
Transportation	\$ 31,136,000	\$ 102,132,695	
Other Education	16,880,000	3,250,000	
New Public Schools & Additions	12,000,000	-	
Water and Wastewater	-	6,575,000	
Industrial Sites and Parks	-	5,000,000	
Recreation	3,400,000	-	
School Renovations	675,000	850,000	
Libraries, Museums, & Historic Sites	970,000	-	
Law Enforcement	800,000	-	
Community Development	300,000	-	
Business District Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Other Facilities	-	-	
Other Utilities	-	-	
Post-secondary Education	-	-	
Public Buildings	-	-	
Public Health Facilities	-	-	
School-System-wide	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 66,161,000	\$ 117,807,695	



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

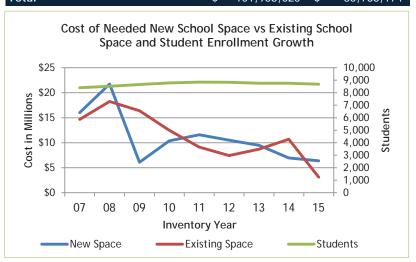


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

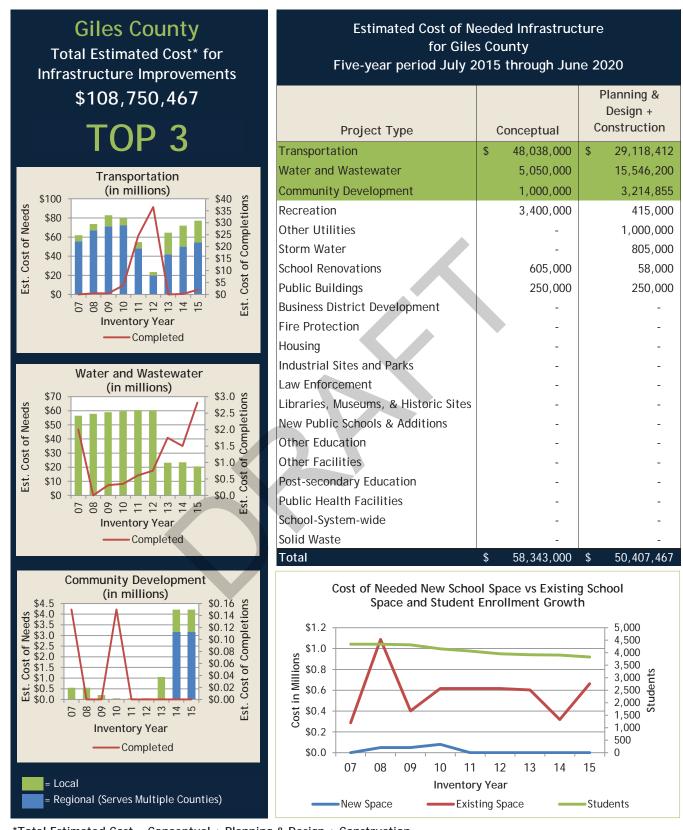
Gibson County Total Estimated Cost* for **Infrastructure Improvements** \$187,721,199 Transportation (in millions) \$250 \$50 Cost of Completions Est. Cost of Needs \$40 \$200 \$30 \$150 \$20 \$100 \$50 \$0 14 Est. 11 12 13 **Inventory Year** -Completed Water and Wastewater (in millions) \$4.0 \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$0.5 \$1.0 \$0.5 \$0.0 \$0.0 \$14 Est. Cost of Needs \$12 \$10 \$8 \$6 \$4 \$2 \$0.0 07 08 09 09 11 11 12 13 **Inventory Year** Completed New Public Schools & Additions (in millions) \$25 \$18 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 Est. Cost of Completions Est. Cost of Needs \$20 \$15 \$10 \$5 \$0 07 08 09 10 11 12 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Gibson County Five-year period July 2015 through June 2020

Davis et Teme	O a manufactural	Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 77,215,000	\$ 76,010,497
Water and Wastewater	12,572,025	443,677
New Public Schools & Additions	-	6,370,000
Other Utilities	5,000,000	-
School Renovations	2,550,000	560,000
Public Buildings	-	1,760,000
Recreation	1,131,000	215,000
Fire Protection	1,300,000	-
Law Enforcement	890,000	404,000
Community Development	500,000	-
Industrial Sites and Parks	350,000	-
Storm Water	300,000	-
Other Facilities	100,000	-
Solid Waste	50,000	-
Business District Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	_	-
Total	\$ 101,958,025	\$ 85,763,174



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

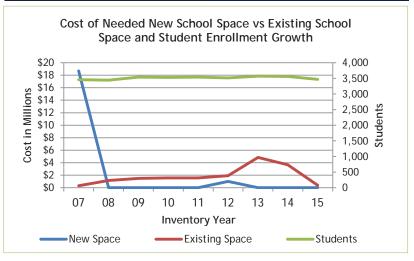


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Grainger County Total Estimated Cost* for Infrastructure Improvements \$109,180,916 Transportation (in millions) \$140 \$6 Cost of Completions Est. Cost of Needs \$120 \$5 \$100 \$4 \$80 \$60 \$40 \$20 \$0 Est. 10 11 12 13 14 15 07 **Inventory Year** -Completed Water and Wastewater (in millions) \$25 Est. Cost of Needs \$20 \$15 \$10 \$5 \$0.0 07 08 09 09 11 11 14 15 **Inventory Year** Completed Libraries, Museums, & Historic Sites (in millions) \$0.6 \$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 Needs \$0.5 \$0.4 ₽ \$0.3 Cost \$0.2 \$0.1 6.0\$ Est. Est. 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Grainger County Five-year period July 2015 through June 2020

Draiget Tune	0	oncontuol	Planning & Design + onstruction
Project Type		onceptual	
Transportation	\$	21,491,000	\$ 75,165,712
Water and Wastewater		10,920,700	380,000
Libraries, Museums, & Historic Sites		500,000	-
School Renovations		210,000	180,000
Recreation		175,000	50,000
Community Development		-	108,504
Business District Development		-	-
Fire Protection		-	-
Housing		-	-
Industrial Sites and Parks		-	-
Law Enforcement		-	-
New Public Schools & Additions		-	-
Other Education		-	-
Other Facilities		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Buildings		-	-
Public Health Facilities		-	-
School-System-wide		-	-
Solid Waste		-	-
Storm Water		-	-
Total	\$	33,296,700	\$ 75,884,216



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

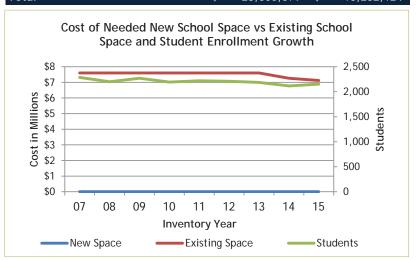


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Grundy County Total Estimated Cost* for Infrastructure Improvements \$41,648,503 Water and Wastewater (in millions) \$30 \$7 Est. Cost of Completions Est. Cost of Needs \$6 \$25 \$5 \$20 \$4 \$15 \$3 \$10 \$5 \$0 10 11 11 11 11 15 **Inventory Year** -Completed Transportation (in millions) \$20 \$10 Cost of Completions Est. Cost of Needs \$8 \$15 \$6 \$10 \$5 07 08 09 09 11 11 12 13 **Inventory Year** Completed Law Enforcement (in millions) \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 \$9 \$8 \$7 \$6 \$5 \$4 \$3 \$2 \$1 \$0 Est. Cost of Completions Est. Cost of Needs **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Grundy County Five-year period July 2015 through June 2020

Project Type	Conc	eptual	D	anning & lesign + astruction
Water and Wastewater		<u> </u>	\$	
	· ·	,475,000	Ф	1,161,403
Transportation	9			2,764,521
Law Enforcement		660,000		6,560,000
School Renovations	5	,890,000		1,228,000
Community Development		200,000		840,000
Recreation		270,000		728,200
Industrial Sites and Parks		500,000		-
Fire Protection		333,600		-
Business District Development		-		-
Housing		-		-
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				<u> </u>
Total	\$ 28	,366,379	\$	13,282,124



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



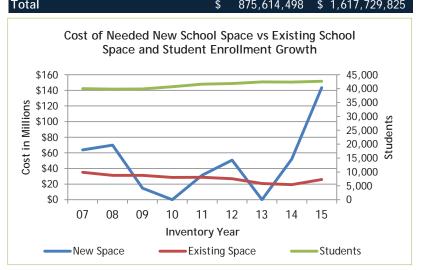
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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Hamilton County Total Estimated Cost* for Infrastructure Improvements \$2,493,344,323 Transportation (in millions) \$2,000 \$1,500 \$100 \$50 \$20 \$0 \$0 Cost of \$500 \$500 \$500 Est. \$0 11 12 13 14 15 Est. **Inventory Year** -Completed Post-secondary Education (in millions) \$500 Est. Cost of Needs \$400 \$300 \$200 \$20 Cost \$100 \$0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed New Public Schools & Additions (in millions) \$160 \$80 Cost of Completions \$\$140 \$\$120 \$\$100 \$\$100 \$70 \$60 \$50 of \$80 \$40 Cost \$60 \$40 \$30 \$20 \$20 \$10 \$0 \$0 Est. 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Hamilton County Five-year period July 2015 through June 2020

		Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 439,010,992	\$ 1,360,990,823
Post-secondary Education	270,150,000	166,960,321
New Public Schools & Additions	104,000,000	39,500,000
School Renovations	19,150,000	6,788,000
Recreation	10,436,856	15,180,393
Community Development	6,200,000	13,932,088
Water and Wastewater	10,041,350	7,840,000
Law Enforcement	8,410,000	300,000
Storm Water	5,200,000	1,038,200
Fire Protection	350,000	3,900,000
Public Health Facilities	1,410,000	300,000
Solid Waste	1,255,300	-
Public Buildings	-	1,000,000
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
School-System-wide	-	-
Total	\$ 875 614 498	\$ 1 617 729 825



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



Planning &

Design +

6,632,409

4,561,588

58,400

700,000

122,000

333,299

12,407,696

1,200

1,000

Students

800

600

400

200

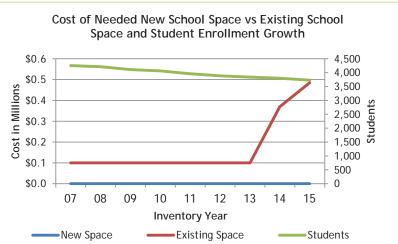
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^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Hardeman County **Total Estimated Cost* for** Infrastructure Improvements \$147,273,546 Transportation (in millions) \$200 \$60 Cost of Completions Est. Cost of Needs \$50 \$150 \$40 \$30 \$100 \$20 \$50 \$0 Est. 10 11 12 13 14 07 **Inventory Year** -Completed **Public Health Facilities** (in millions) \$70 \$70 Cost of Completions Est. Cost of Needs \$60 \$60 \$50 \$50 \$40 \$40 \$30 \$30 \$20 \$20 \$10 \$10 \$0 \$0 07 08 09 09 11 11 12 13 **Inventory Year** Completed Post-secondary Education (in millions) \$0.40 \$0.35 \$0.30 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.05 \$0.00 \$18 \$16 \$14 \$12 \$10 \$8 \$6 \$4 \$2 \$0 Est. Cost of Needs \$0.6 \$0.5 Cost in Millions \$0.4 \$0.3 \$0.00 Est. \$0.2 **Inventory Year** \$0.1 -Completed \$0.0 07 08 09 = Local Regional (Serves Multiple Counties) New Space

Estimated Cost of Needed Infrastructure for Hardeman County Five-year period July 2015 through June 2020

			D	enning & esign +
Project Type	Cond	ceptual	Cor	struction
Transportation	\$ 6	9,030,000	\$	36,079,414
Public Health Facilities	1	9,850,000		-
Post-secondary Education		-		15,900,000
Libraries, Museums, & Historic Sites		-		1,679,132
Law Enforcement		1,000,000		-
Fire Protection		950,000		-
Water and Wastewater		950,000		-
Public Buildings		-		750,000
School Renovations		265,000		220,000
Recreation		300,000		-
Storm Water		-		300,000
Business District Development		-		-
Community Development		-		-
Housing		-		-
Industrial Sites and Parks		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Total	\$ 9.	2,345,000	\$	54,928,546



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

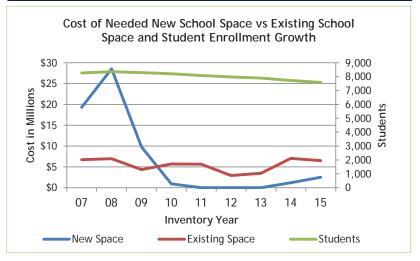


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Hawkins County Total Estimated Cost* for Infrastructure Improvements \$211,261,432 Transportation (in millions) \$8 \$7 \$6 \$300 Cost of Completions Cost of Needs \$250 \$200 \$5 \$4 \$3 \$2 \$150 \$100 \$50 Est. \$0 Est. 10 11 11 11 11 15 **Inventory Year** -Completed Water and Wastewater (in millions) \$60 \$12 Cost of Completions Est. Cost of Needs \$10 \$50 \$40 \$8 \$30 \$6 \$20 \$10 \$0 07 08 09 09 11 11 12 13 **Inventory Year** Completed **School Renovations** (in millions) \$16 \$14 \$8 Est. Cost of Completions \$7 \$6 \$5 \$4 Est. Cost of Needs \$12 \$10 \$8 \$3 \$2 \$6 \$4 \$1 \$0 \$2 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Hawkins County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 106,223,000	\$ 44,258,312
Water and Wastewater	26,240,000	10,210,140
School Renovations	3,160,500	3,323,480
Community Development	3,350,000	3,000,000
New Public Schools & Additions	2,500,000	-
Other Utilities	1,800,000	500,000
Public Buildings	1,800,000	-
Recreation	1,261,000	400,000
Housing	-	1,000,000
Fire Protection	875,000	-
Other Facilities	510,000	-
Law Enforcement	450,000	-
Libraries, Museums, & Historic Sites	400,000	-
Business District Development	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 148,569,500	\$ 62,691,932



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

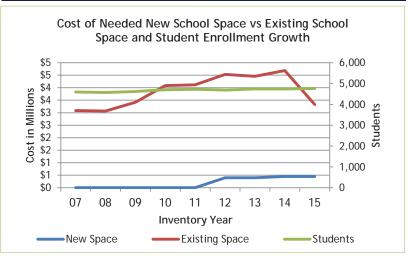


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Henderson County Total Estimated Cost* for Infrastructure Improvements \$156,437,574 Transportation (in millions) \$300 \$50 Cost of Completions Cost of Needs \$250 \$40 \$200 \$30 \$150 \$20 \$100 Est. \$50 \$0 Est. 10 11 12 13 14 15 **Inventory Year** -Completed **Public Buildings** (in millions) \$1.0 \$0.8 \$0.6 \$0.4 \$0.4 \$0.8 \$16 Est. Cost of Needs \$14 \$12 \$10 \$8 \$6 \$4 \$0.2 Cost \$2 \$0.0 07 08 09 09 11 11 12 13 **Inventory Year** Completed Recreation (in millions) \$1.2 \$6 Est. Cost of Completions Est. Cost of Needs \$5 \$1.0 \$4 \$0.8 \$3 \$0.6 \$0.4 \$2 \$1 \$0.2 \$0 \$0.0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Henderson County Five-year period July 2015 through June 2020

				Planning & Design + Construction
Project Type	Co	onceptual	C	
Transportation	\$	40,006,000	\$	102,287,295
Public Buildings		5,000,000		-
Recreation		-		3,530,000
School Renovations		845,000		2,486,707
Law Enforcement		710,000		-
Water and Wastewater		150,000		381,821
New Public Schools & Additions		50,000		400,000
Libraries, Museums, & Historic Sites		-		440,751
Industrial Sites and Parks		150,000		-
Business District Development		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$	46,911,000	\$	109,526,574



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

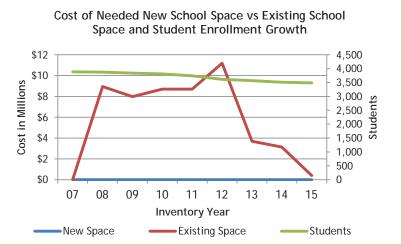


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Hickman County Total Estimated Cost* for Infrastructure Improvements \$188,133,735 Transportation (in millions) \$160 \$140 \$12 Cost of Completions Cost of Needs \$10 \$120 \$8 \$100 \$80 \$60 \$40 Est. \$20 \$0 07 08 09 09 11 11 12 13 15 Est. **Inventory Year** -Completed Water and Wastewater (in millions) \$70 \$10 Cost of Completions Est. Cost of Needs \$60 \$8 \$50 \$6 \$40 \$30 \$20 \$10 \$0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Law Enforcement (in millions) \$40 \$12 Est. Cost of Completions \$35 \$30 Cost of Needs \$10 \$8 \$25 \$6 \$20 Cost in Millions \$15 \$10 \$4 \$5 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Hickman County Five-year period July 2015 through June 2020

Project Type	С	onceptual	lanning & Design + onstruction
Transportation	\$	82,503,000	\$ 37,980,735
Water and Wastewater		48,900,000	- -
Law Enforcement		9,150,000	8,200,000
Industrial Sites and Parks		1,000,000	-
School Renovations		-	400,000
Business District Development		-	-
Community Development		-	-
Fire Protection		-	-
Housing		-	-
Libraries, Museums, & Historic Sites		-	-
New Public Schools & Additions		-	-
Other Education		-	-
Other Facilities		-	-
Other Utilities		-	-
Post-secondary Education		-	-
Public Buildings		-	-
Public Health Facilities		-	-
Recreation		-	-
School-System-wide		-	-
Solid Waste		-	-
Storm Water		-	-
Total	\$	141,553,000	\$ 46,580,735



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

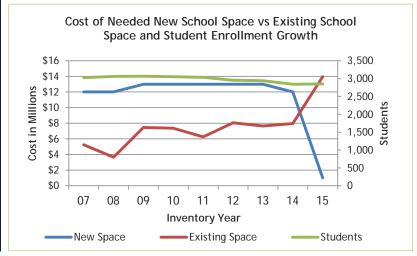


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Humphreys County Total Estimated Cost* for Infrastructure Improvements \$214,095,241 Transportation (in millions) \$200 \$40 Cost of Completions Est. Cost of Needs \$35 \$30 \$150 \$25 \$100 \$20 \$15 \$50 \$10 \$0 Est. 11 12 13 15 15 07 **Inventory Year** -Completed Water and Wastewater (in millions) \$25 \$6 Cost of Completions Est. Cost of Needs \$5 \$20 \$15 \$10 \$2 \$5 09 11 11 12 13 15 **Inventory Year** Completed **School Renovations** (in millions) \$16 \$14 \$12 \$10 \$1.00 \$0.90 \$0.80 \$0.70 \$0.60 \$0.50 \$0.30 \$0.20 \$0.10 \$0.00 Est. Cost of Completions Est. Cost of Needs \$8 \$6 \$4 \$2 \$0 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Humphreys County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 132,569,000	\$ 36,080,869
Water and Wastewater	9,250,000	8,504,875
School Renovations	11,500,000	2,460,000
Industrial Sites and Parks	1,700,000	10,000,000
Recreation	445,000	585,497
New Public Schools & Additions	1,000,000	-
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	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 156,464,000	\$ 57,631,241



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

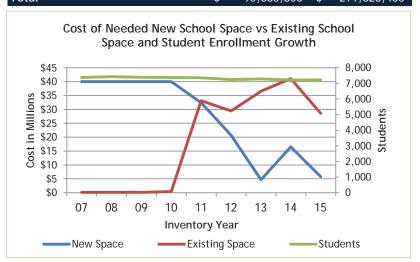


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Jefferson County Total Estimated Cost* for Infrastructure Improvements \$375,706,233 Transportation (in millions) \$350 \$12 Cost of Completions Cost of Needs \$300 \$10 \$250 \$200 \$150 \$100 \$50 \$0 Est. 11 12 13 15 **Inventory Year** -Completed **School Renovations** (in millions) \$50 \$35 Cost of Completions Est. Cost of Needs \$30 \$40 \$25 \$30 \$20 \$15 \$20 \$10 \$10 \$5 \$0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$35 \$14 Est. Cost of Completions \$30 \$12 Cost of Needs \$25 \$10 \$20 \$8 \$15 \$6 \$10 \$4 \$5 \$2 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Jefferson County Five-year period July 2015 through June 2020

Drainat Tuna	Compositival	Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 60,192,000	\$ 254,420,883
School Renovations	23,637,000	4,980,050
Water and Wastewater	4,991,800	14,436,000
New Public Schools & Additions	4,500,000	1,250,000
Libraries, Museums, & Historic Sites	-	3,100,000
Law Enforcement	1,340,000	325,000
Recreation	1,020,000	379,760
Community Development	-	883,740
Other Facilities	150,000	-
Business District Development	50,000	-
Storm Water	-	50,000
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	_
Solid Waste	-	-
Total	\$ 95,880,800	\$ 279,825,433



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

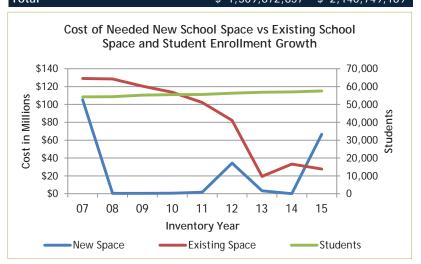


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Knox County Total Estimated Cost* for Infrastructure Improvements \$3,450,422,046 Post-secondary Education (in millions) \$2,500 of Needs \$1,500 \$150 \$100 \$50 \$0 ... Cost of Comple \$1,000 \$500 Est. \$0 Est. 11 12 13 **Inventory Year** -Completed Transportation (in millions) \$250 series \$200 \$200 \$ \$1,200 Cost of News 1,000 \$1,0 \$150 wo \$100 w \$100 \$50 Cost Est. \$200 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$100 \$90 \$80 \$70 \$60 \$50 \$40 \$30 \$20 \$10 Est. Cost of Completions **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Knox County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Post-secondary Education	\$ 815,425,000	\$ 1,228,984,164
Transportation	404,610,000	547,064,407
Water and Wastewater	9,950,000	141,035,000
New Public Schools & Additions	6,750,000	59,745,000
Other Education	20,740,000	29,030,000
Recreation	5,925,000	26,946,199
Business District Development	-	29,985,116
School Renovations	9,442,857	18,237,303
Housing	-	23,000,000
Public Health Facilities	22,000,000	-
Other Facilities	550,000	20,412,000
Law Enforcement	11,980,000	-
Industrial Sites and Parks	-	9,800,000
Other Utilities	70,000	6,000,000
Libraries, Museums, & Historic Sites	2,230,000	300,000
Public Buildings	-	210,000
Community Development	-	-
Fire Protection	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 1,309,672,857	\$ 2,140,749,189



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

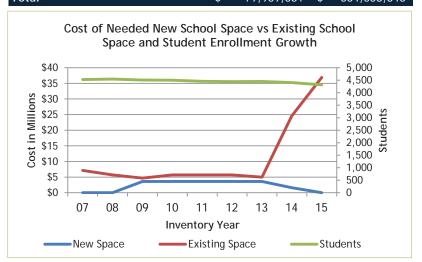


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Lauderdale County **Total Estimated Cost* for** Infrastructure Improvements \$444,527,907 Transportation (in millions) \$500 \$7 Cost of Completions Est. Cost of Needs \$6 \$400 \$5 \$300 \$3 \$200 \$100 \$0 Est. 07 08 09 11 11 13 **Inventory Year** -Completed **School Renovations** (in millions) \$40 \$6 Cost of Completions Est. Cost of Needs \$35 \$5 \$30 \$4 \$25 \$20 \$3 \$15 \$2 \$10 \$5 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Law Enforcement (in millions) \$40 \$7 Est. Cost of Completions \$35 \$30 \$6 Cost of Needs \$5 \$25 \$4 \$20 \$3 \$15 \$10 \$2 \$5 \$0 \$1 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Lauderdale County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 38,737,000	\$ 355,300,846
School Renovations	36,480,000	397,500
Law Enforcement	880,000	7,450,000
Housing	2,500,000	50,000
Libraries, Museums, & Historic Sites	450,000	860,000
Storm Water	400,000	500,000
Water and Wastewater	522,561	-
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	-	-
Total	\$ 79,969,561	\$ 364,558,346



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

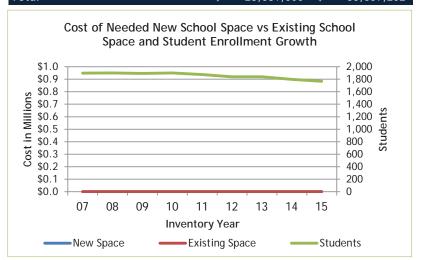


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

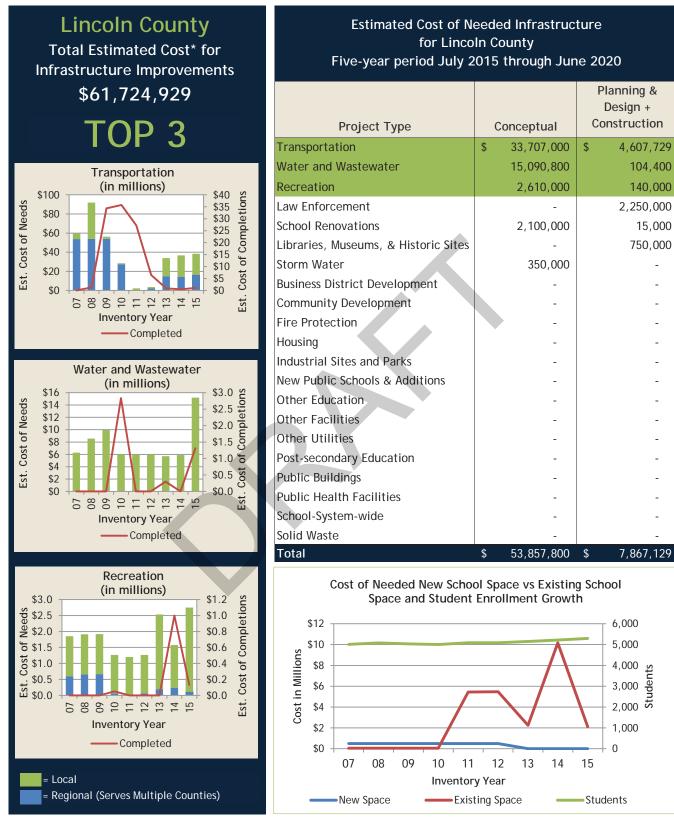
Lewis County Total Estimated Cost* for Infrastructure Improvements \$61,988,202 Transportation (in millions) \$100 \$40 Cost of Completions Est. Cost of Needs \$35 \$80 \$30 \$25 \$60 \$20 \$40 \$15 \$10 \$20 \$0 Est. 10 11 12 13 14 15 07 **Inventory Year** -Completed Law Enforcement (in millions) \$8 Est. Cost of Needs \$7 \$6 \$5 \$4 \$3 \$2 \$0.2 Cost \$1 \$0.0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Community Development (in millions) Est. Cost of Needs 8.1.8 8.1.8 8.1.8 8.0.8 8.0.8 8.0.8 8.0.0 9.0.0 \$0.45 \$0.40 \$0.35 \$0.30 \$0.25 \$0.20 \$0.15 \$0.10 \$0.05 Cost of Completions \$0.00 Est. **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Lewis County Five-year period July 2015 through June 2020

				lanning & Design +
Project Type	Co	onceptual	Co	nstruction
Transportation	\$	25,731,000	\$	28,527,202
Law Enforcement		2,000,000		5,000,000
Community Development		400,000		-
Industrial Sites and Parks		250,000		-
Libraries, Museums, & Historic Sites		-		80,000
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	\$	28,381,000	\$	33,607,202



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

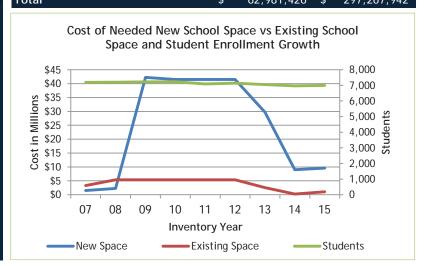


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Loudon County Total Estimated Cost* for **Infrastructure Improvements** \$360,249,368 Transportation (in millions) \$16 \$14 \$300 Est. Cost of Completions Cost of Needs \$250 \$12 \$200 \$10 \$150 \$6 \$100 \$4 \$2 \$50 Est. \$0 14 11 12 13 07 **Inventory Year** -Completed **Public Buildings** (in millions) \$4.0 \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$0.5 \$1.0 \$0.5 \$0.0 \$0.0 \$60 Est. Cost of Needs \$50 \$40 \$30 \$20 \$10 \$0 \$0.0 07 08 09 11 11 12 13 **Inventory Year** Completed Water and Wastewater (in millions) \$16 \$14 \$80 Est. Cost of Completions \$70 Cost of Needs \$60 \$12 \$10 \$50 \$40 \$8 \$30 \$20 \$6 \$4 \$10 \$2 \$0 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Loudon County Five-year period July 2015 through June 2020

Dualizat Toma				Planning & Design + onstruction
Project Type		Conceptual		
Transportation	\$	54,904,000	\$	174,932,942
Public Buildings		-		54,200,000
Water and Wastewater		3,100,000		42,810,000
Recreation		332,000		10,000,000
New Public Schools & Additions		600,000		9,000,000
Other Utilities		1,800,000		5,275,000
Industrial Sites and Parks		1,760,000		-
School Renovations		-		1,050,000
Community Development		485,426		-
Business District 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	\$	62,981,426	\$	297,267,942



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



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

170,787,739

27,218,800

35,222,391

6,029,500

260,000

470,000

75,000

1,000,000

5,000

4,500

4,000

3,500

1,500

1,000

500

0

3,500 2,500 2,000 2,000 1,500

Madison County Estimated Cost of Needed Infrastructure for Madison County Total Estimated Cost* for Five-year period July 2015 through June 2020 Infrastructure Improvements Planning & \$548,590,480 Design + Construction **Project Type** Conceptual Transportation 138,785,000 Water and Wastewater 46,446,488 Transportation Post-secondary Education (in millions) 6,310,000 \$500 \$25 Cost of Completions School Renovations 32,405,562 Cost of Needs \$20 \$400 Public Health Facilities 34,330,000 \$300 \$15 Law Enforcement 34,210,000 \$10 \$200 Other Facilities 7,900,000 \$100 Est. **Public Buildings** 3,710,000 \$0 12 13 14 15 Est. New Public Schools & Additions 1,935,000 **Inventory Year** Industrial Sites and Parks -Completed Other Education 910,000 Recreation 585,000 Water and Wastewater **Business District Development** (in millions) \$80 \$10 Cost of Completions Community Development Est. Cost of Needs \$70 \$8 \$60 Fire Protection \$50 \$6 Housing \$40 \$30 Libraries, Museums, & Historic Sites \$20 Other Utilities \$10 School-System-wide 07 08 09 09 11 11 11 14 15 Solid Waste **Inventory Year** Completed Storm Water Total 307,527,050 241,063,430 Post-secondary Education Cost of Needed New School Space vs Existing School (in millions) \$45 Space and Student Enrollment Growth \$6 Cost of Completions \$40 \$35 Needs \$5 \$45 \$30 \$25 \$20 \$4 \$40 Cost of \$3 \$35 Millions \$15 \$10 \$5 \$0 \$2 \$30 \$25 \$20 Cost in Est. 07 08 09 11 11 13 15 \$15 \$10 **Inventory Year** \$5 -Completed \$0 07 80 09 11 15 10 12 13 14 = Local **Inventory Year** Regional (Serves Multiple Counties) **Existing Space** New Space Students

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

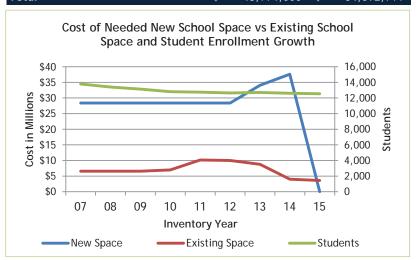


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Marshall County Total Estimated Cost* for Infrastructure Improvements \$83,366,711 Transportation (in millions) \$70 \$50 Cost of Completions Est. Cost of Needs \$60 \$40 \$50 \$30 \$40 \$30 \$20 \$20 \$10 \$0 Est. 10 11 11 13 15 **Inventory Year** -Completed **Industrial Sites and Parks** (in millions) \$1.2 \$1.0 \$1.0 \$0.8 \$0.6 \$0.6 \$7 Est. Cost of Needs \$6 \$5 \$4 \$3 \$0.4 5 \$2 \$0.2 5 \$1 \$0.0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$16 \$14 \$45 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 Est. Cost of Completions Cost of Needs \$12 \$10 \$8 \$6 \$4 \$2 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Marshall County Five-year period July 2015 through June 2020

Drainat Type	0			lanning & Design + onstruction
Project Type	\$	Conceptual		
Transportation Industrial Sites and Parks	Þ	39,589,000	\$	24,309,505
		-		5,000,000
Water and Wastewater		2,925,000		1,302,410
Recreation		3,590,000		500,000
School Renovations		200,000		3,380,796
Fire Protection		1,200,000		-
Community Development		970,000		-
Public Health Facilities		300,000		-
Storm Water		-		100,000
Business District Development		-		-
Housing		-		-
Law Enforcement		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
School-System-wide		-		-
Solid Waste		-		-
Total	\$	48,774,000	\$	34,592,711



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

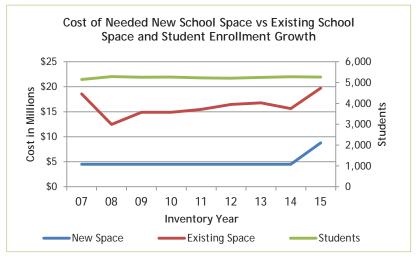


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

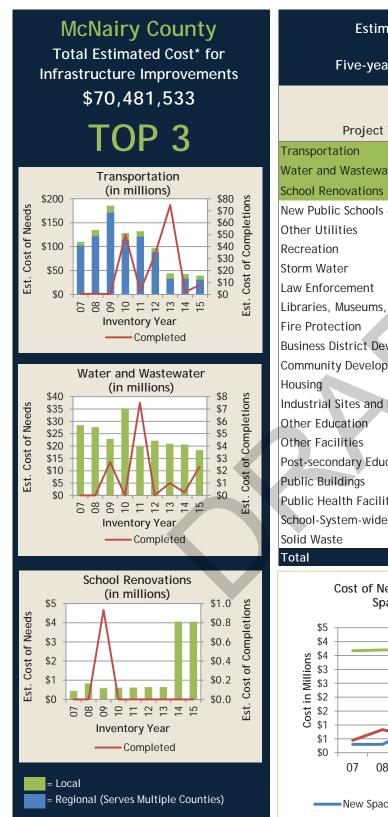
McMinn County Total Estimated Cost* for Infrastructure Improvements \$247,444,266 Transportation (in millions) \$300 \$30 Cost of Completions Cost of Needs \$25 \$250 \$200 \$20 \$150 \$100 \$50 Est. \$0 Est. 07 **Inventory Year** -Completed **School Renovations** (in millions) \$25 \$7 Cost of Completions Est. Cost of Needs \$6 \$20 \$5 \$15 \$4 \$3 \$10 \$2 \$5 \$1 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Storm Water (in millions) \$12 \$0.12 Completions \$0.10 Est. Cost of Needs \$10 \$8 \$0.08 \$0.06 \$6 \$0.04 of (\$4 Est. Cost \$2 \$0.02 \$0 \$0.00 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for McMinn County Five-year period July 2015 through June 2020

Drainat Type	Concentual	Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 88,184,000	\$ 82,586,185
School Renovations	14,125,000	5,587,000
Storm Water	10,000,000	-
New Public Schools & Additions	3,280,000	5,500,000
Recreation	6,405,950	2,215,000
Other Utilities	8,350,000	-
Business District Development	6,600,000	650,000
Water and Wastewater	3,574,000	1,416,700
Community Development	4,693,340	81,091
Fire Protection	4,000,000	-
Libraries, Museums, & Historic Sites	-	196,000
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	\$ 149,212,290	\$ 98,231,976

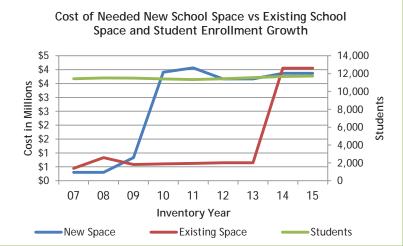


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for McNairy County Five-year period July 2015 through June 2020

Drainat Type	Co	propried	I	lanning & Design + nstruction
Project Type		onceptual		
Transportation	\$	36,613,000	\$	2,864,633
Water and Wastewater		10,120,000		8,200,000
School Renovations		3,702,900		351,000
New Public Schools & Additions		3,865,000		-
Other Utilities		1,500,000		-
Recreation		1,330,000		-
Storm Water		800,000		-
Law Enforcement		-		780,000
Libraries, Museums, & Historic Sites		200,000		-
Fire Protection		80,000		75,000
Business District Development		-		-
Community Development		-		-
Housing		-		-
Industrial Sites and Parks		-		-
Other Education		-		-
Other Facilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Total	\$	58,210,900	\$	12,270,633



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



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

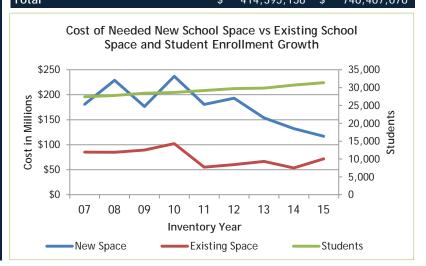


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Montgomery County Total Estimated Cost* for Infrastructure Improvements \$1,160,862,834 Transportation (in millions) \$500 \$60 Cost of Completions Est. Cost of Needs \$50 \$400 \$40 \$300 \$30 \$200 \$20 \$100 \$0 11 12 13 14 15 Est. **Inventory Year** -Completed Recreation (in millions) \$250 \$6 Cost of Completions Est. Cost of Needs \$5 \$200 \$4 \$150 \$3 \$100 \$2 \$50 \$0 07 08 09 11 11 12 13 15 **Inventory Year** Completed Water and Wastewater (in millions) \$160 \$45 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 Est. Cost of Completions \$\$140 \$\$120 \$\$100 of \$80 \$60 \$40 Cost \$20 \$0 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Montgomery County Five-year period July 2015 through June 2020

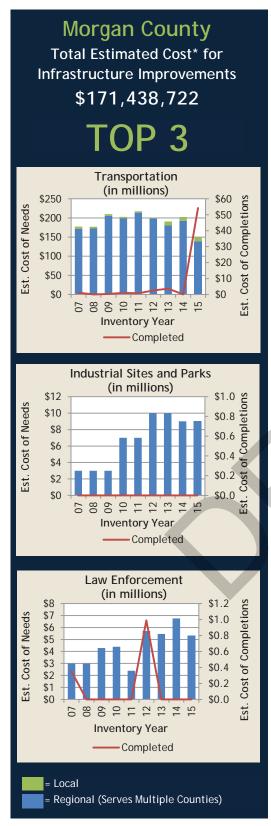
Danisch Tune	Compositival	Planning & Design + Construction
Project Type	\$ 125.694.000	
Transportation	,,,,,,,,,	\$ 301,939,033
Recreation	45,553,000	157,768,695
Water and Wastewater	9,547,000	139,672,750
New Public Schools & Additions	113,772,362	3,000,000
School Renovations	65,904,314	5,764,187
Post-secondary Education	13,890,000	50,153,139
Other Utilities	-	33,000,000
Community Development	4,072,982	27,798,825
Public Buildings	7,675,000	7,675,000
Fire Protection	3,300,000	8,400,000
Libraries, Museums, & Historic Sites	10,815,000	-
Law Enforcement	6,567,500	2,513,212
Public Health Facilities	4,659,000	3,787,835
Industrial Sites and Parks	2,345,000	4,000,000
Other Facilities	600,000	995,000
Business District Development	-	-
Housing	-	-
Other Education	-	-
School-System-wide	-	_
Solid Waste	-	-
Storm Water	-	-
Total	\$ 414,395,158	\$ 746,467,676



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

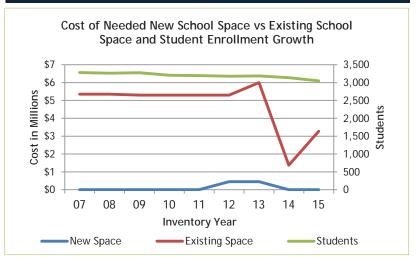


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for Morgan County Five-year period July 2015 through June 2020

Project Type	Co	onceptual		Planning & Design + onstruction
Transportation	\$	21,346,950	\$	127,729,142
Industrial Sites and Parks	Ť	-	· ·	9,000,000
Law Enforcement		-		5,310,000
School Renovations		56,250		3,221,500
Water and Wastewater		285,880		2,025,000
Recreation		1,464,000		-
Storm Water		1,000,000		-
Business District Development		-		-
Community Development		-		-
Fire Protection		-		-
Housing		-		-
Libraries, Museums, & Historic Sites		-		-
New Public Schools & Additions		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
School-System-wide		-		-
Solid Waste		-		-
Total	\$	24,153,080	\$	147,285,642



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



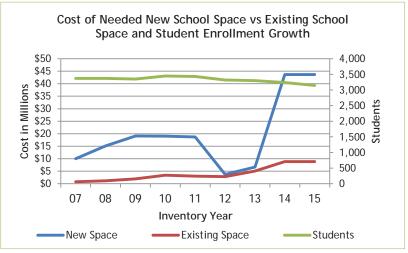
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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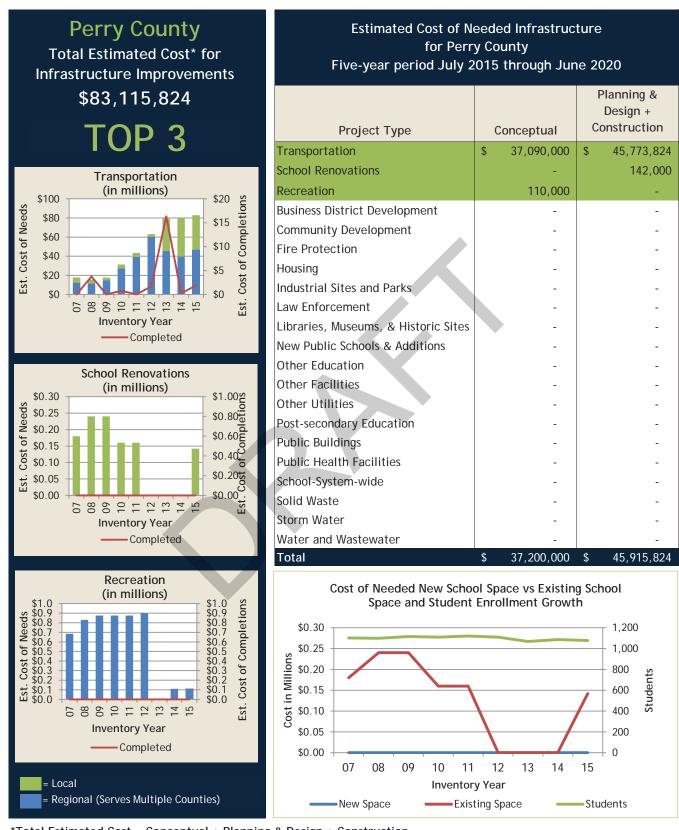


Estimated Cost of Needed Infrastructure for Overton County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
	-	
Transportation	\$ 10,859,000	\$ 62,002,617
New Public Schools & Additions	40,000,000	3,700,000
Water and Wastewater	14,500,000	1,450,000
School Renovations	7,145,000	1,715,000
Public Buildings	5,000,000	-
Recreation	1,500,000	670,000
Law Enforcement	200,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 79,204,000	\$ 69,537,617



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

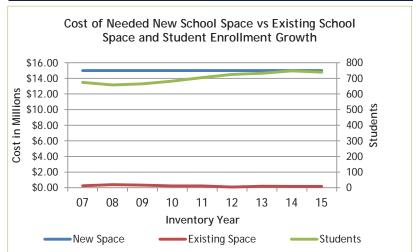


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Pickett County Total Estimated Cost* for Infrastructure Improvements \$37,900,944 **New Public Schools & Additions** (in millions) \$16 Est. Cost of Needs \$14 \$12 \$10 \$8 \$6 \$4 \$2 07 08 09 09 11 11 13 14 15 **Inventory Year** -Completed Transportation (in millions) \$16 Est. Cost of Needs \$14 \$12 \$10 \$8 \$6 \$4 \$0.5 Cost \$2 \$0.0 07 08 09 09 11 11 12 13 **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 \$0.0 Est. Cost of Completions Cost of Needs \$5 \$4 \$3 \$2 \$1 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Pickett County Five-year period July 2015 through June 2020

Drainet Type	Concentual	Planning & Design + Construction
Project Type New Public Schools & Additions	\$ 15,000,000	\$ -
Transportation	3,081,000	5,687,444
Law Enforcement	3,001,000	5,000,000
	2 150 000	5,000,000
Libraries, Museums, & Historic Sites	3,150,000	-
Fire Protection	-	2,795,000
Industrial Sites and Parks	1,850,000	-
Public Buildings	500,000	-
Recreation	370,000	-
Community Development	300,000	-
School Renovations	167,500	-
Business District Development	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Water and Wastewater	-	-
Total	\$ 24,418,500	\$ 13,482,444



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



435,726

100,000

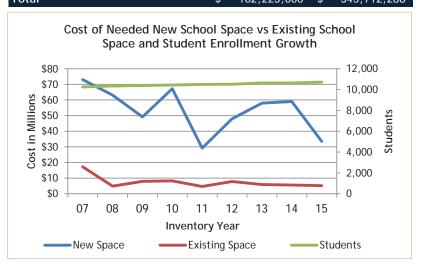
50,000

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

Putnam County Total Estimated Cost* for **Infrastructure Improvements** \$507,935,288 Post-secondary Education (in millions) \$300 \$50 Cost of Completions Cost of Needs \$250 \$40 \$200 \$30 \$150 \$20 \$100 \$50 Est. \$0 Est. 11 12 13 14 15 07 **Inventory Year** -Completed Transportation (in millions) \$200 \$10 Cost of Completions Est. Cost of Needs \$8 \$150 \$6 \$100 \$50 \$0 09 11 11 12 13 14 15 **Inventory Year** Completed New Public Schools & Additions (in millions) \$80 \$35 Cost of Completions \$70 \$30 Cost of Needs \$60 \$25 \$50 \$20 \$40 \$15 \$30 \$20 \$10 \$5 \$10 \$0 Est. (07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Putnam County Five-year period July 2015 through June 2020

		Planning & Design +	
Project Type	Conceptual	Construction	
Post-secondary Education	\$ 89,410,000	\$ 183,889,505	
Transportation	52,706,000	94,134,233	
New Public Schools & Additions	2,000,000	31,500,000	
Business District Development	-	19,400,000	
Water and Wastewater	1,500,000	9,474,313	
Other Facilities	6,040,000	-	
Law Enforcement	5,610,000	-	
School Renovations	3,587,000	1,595,000	
Recreation	870,000	3,719,237	
Public Buildings	-	2,000,000	
School-System-wide	500,000	-	
Community Development	-	-	
Fire Protection	-	-	
Housing	-	-	
Industrial Sites and Parks	-	-	
Libraries, Museums, & Historic Sites	-	-	
Other Education	-	-	
Other Utilities	-	-	
Public Health Facilities	-	-	
Solid Waste	-	-	
Storm Water	-	-	
Total	\$ 162,223,000	\$ 345,712,288	



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

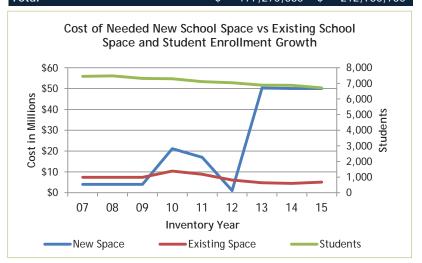


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Roane County **Total Estimated Cost* for** Infrastructure Improvements \$390,001,265 Transportation (in millions) \$300 \$40 Cost of Completions Cost of Needs \$35 \$250 \$30 \$200 \$25 \$150 \$20 \$15 \$100 \$10 \$50 Est. \$0 14 Est. **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 \$10 \$2 \$0 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Recreation (in millions) \$30 \$1.2 Est. Cost of Completions Cost of Needs \$25 \$1.0 \$20 \$0.8 \$15 \$0.6 \$10 \$0.4 \$0.2 \$5 \$0 \$0.0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Roane County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 74,408,000	\$ 174,443,236
New Public Schools & Additions	50,000,000	_
Recreation	16,902,535	7,012,330
Water and Wastewater	6,090,000	13,368,000
Community Development	10,000,000	-
Other Facilities	-	7,000,000
Post-secondary Education	2,620,000	3,052,164
School Renovations	3,000,000	2,115,000
Storm Water	5,000,000	-
Public Buildings	3,300,000	1,000,000
Other Utilities	-	4,200,000
Law Enforcement	4,000,000	140,000
Fire Protection	1,600,000	-
Business District Development	350,000	100,000
Solid Waste	-	300,000
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	_
Other Education	-	_
Public Health Facilities	-	_
School-System-wide	-	-
Total	\$ 177,270,535	\$ 212,730,730



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



Planning &

Design + Construction

148,937,771

81,350,000

47,800,000

10,635,000

3,030,209

3,700,000

750,000

395,000

150,000

500,000

297,247,980

12,000

10,000

8,000

6,000

4,000

2,000

0

Students

15

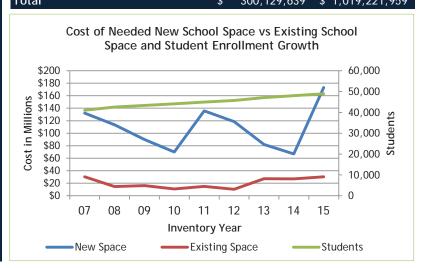
Students

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

Rutherford County Total Estimated Cost* for Infrastructure Improvements \$1,319,351,598 Transportation (in millions) \$100 \$80 \$60 \$40 \$20 \$0 \$0 \$0 \$500 Est. Cost of Needs \$400 \$300 \$200 \$100 \$0 Est. **Inventory Year** -Completed Post-secondary Education (in millions) \$600 Cost of Needs \$500 \$400 \$300 \$200 of \$100 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$350 \$45 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 \$0 Cost of Completions \$ \$300 \$250 \$200 \$150 \$150 \$100 \$50 \$0 Est. **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Rutherford County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 136,987,000	\$ 306,786,601
Post-secondary Education	37,940,000	293,309,380
Water and Wastewater	13,868,000	179,550,000
New Public Schools & Additions	76,173,499	97,110,000
Law Enforcement	950,000	61,420,000
Recreation	5,220,000	39,594,099
School Renovations	5,393,140	24,780,376
Public Health Facilities	10,000,000	3,685,000
Business District Development	-	7,000,000
Public Buildings	5,628,000	1,295,000
Fire Protection	5,200,000	1,700,000
School-System-wide	2,500,000	-
Other Utilities	-	1,675,000
Industrial Sites and Parks	-	1,316,503
Other Facilities	270,000	-
Community Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 300,129,639	\$ 1,019,221,959



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

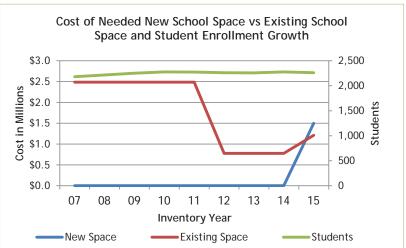


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

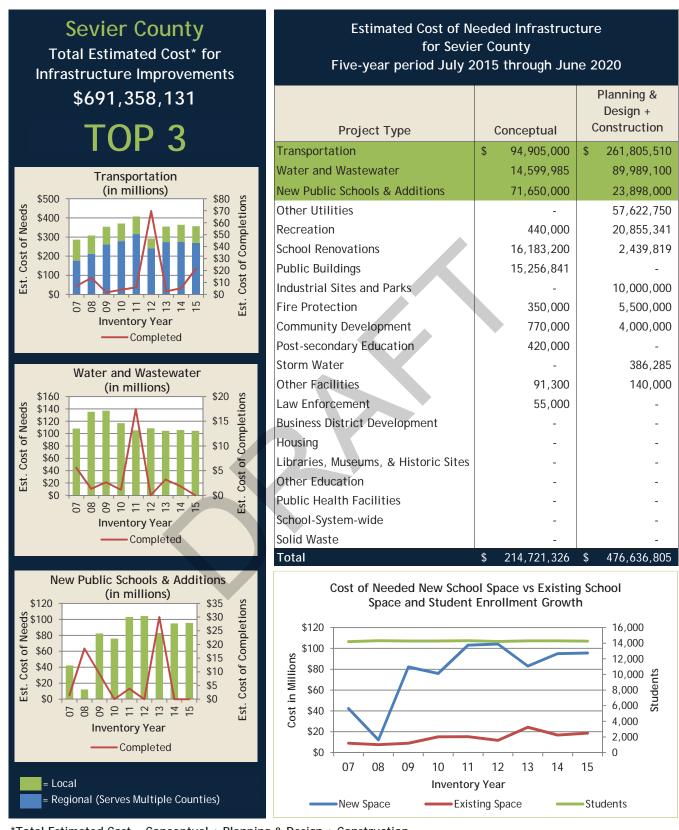


Estimated Cost of Needed Infrastructure for Sequatchie County Five-year period July 2015 through June 2020

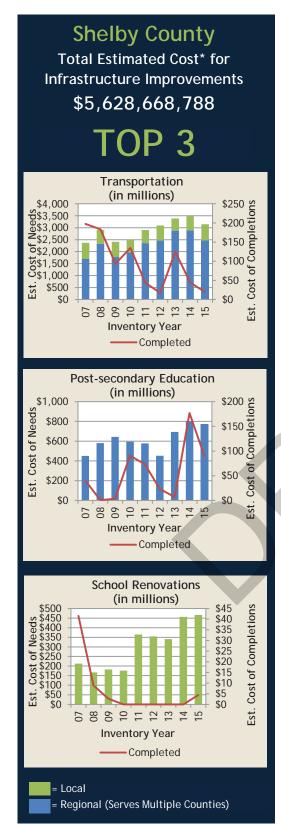
			D	esign +
Project Type	Co	nceptual	Con	struction
Transportation	\$	8,904,000	\$	824,278
Water and Wastewater		5,750,000		-
Recreation		791,141		1,056,979
New Public Schools & Additions		-		1,500,000
School Renovations		830,000		380,000
School-System-wide		1,100,000		-
Business District Development		-		-
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		-		-
Solid Waste		-		-
Storm Water		_		<u>-</u>
Total	\$	17,375,141	\$	3,761,257



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

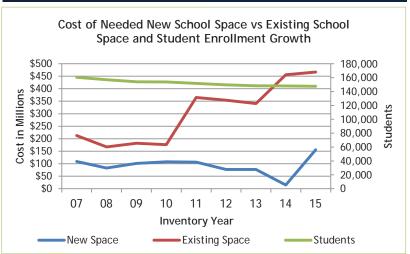


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for Shelby County Five-year period July 2015 through June 2020

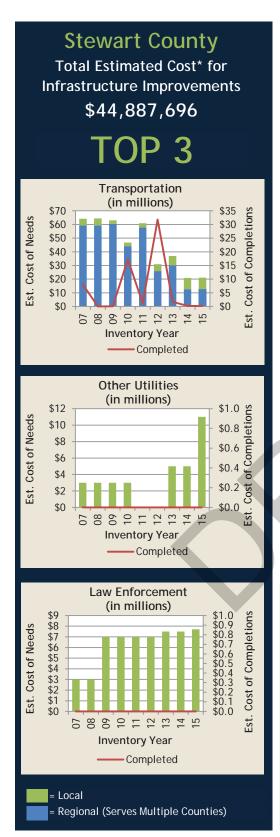
		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 942,255,940	\$ 2,205,850,180
Post-secondary Education	262,580,000	511,008,241
School Renovations	357,014,945	109,661,008
Water and Wastewater	184,748,306	264,300,000
Housing	171,000,000	-
New Public Schools & Additions	132,177,000	23,459,783
Recreation	22,295,000	91,718,462
Public Health Facilities	97,800,000	2,800,000
Law Enforcement	54,615,800	33,602,300
Fire Protection	22,093,189	18,134,038
Libraries, Museums, & Historic Sites	10,813,000	28,492,019
Other Facilities	5,800,000	23,349,000
Public Buildings	6,457,000	12,113,000
Community Development	6,293,500	4,140,527
Storm Water	6,677,700	2,800,850
Solid Waste	8,000,000	-
Business District Development	250,000	6,368,000
Industrial Sites and Parks	-	-
Other Education	-	-
Other Utilities	-	-
School-System-wide	_	-
Total	\$ 2,290,871,380	\$ 3,337,797,408



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

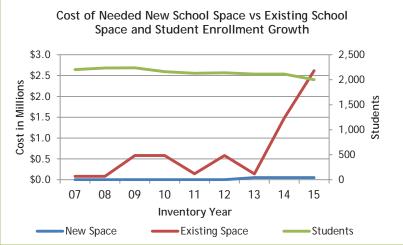


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction



Estimated Cost of Needed Infrastructure for Stewart County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction	
• • • • • • • • • • • • • • • • • • • •	-		
Transportation	\$ 20,264,000	\$ 833,696	
Other Utilities	-	11,000,000	
Law Enforcement	-	7,700,000	
School Renovations	1,825,000	790,000	
Water and Wastewater	500,000	450,000	
Public Buildings	150,000	600,000	
Recreation	725,000	-	
New Public Schools & Additions	-	50,000	
Business District Development	-	-	
Community Development	-	-	
Fire Protection	-	-	
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	\$ 23,464,000	\$ 21,423,696	



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



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

Planning &

Design + Construction

177,413,521

46,858,899

57,239,500

35,570,000

59,841,910

21,385,000

4,379,356

3,467,000

1,000,000

3,169,000

362,114

60,000

410,746,300

25,000

20,000

15,000 students

5,000

0

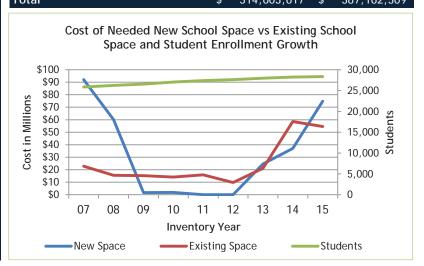
Students

15

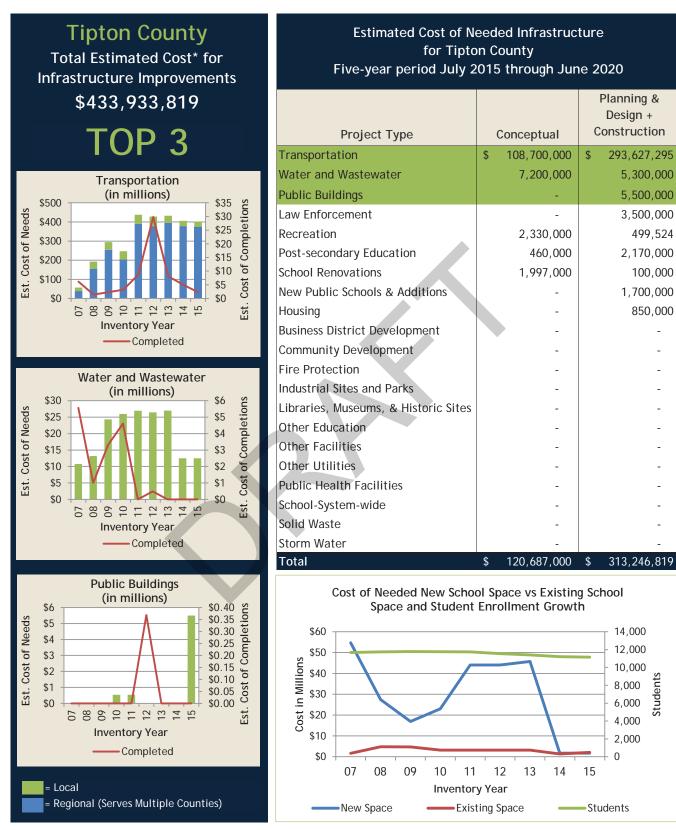
Sumner County Total Estimated Cost* for Infrastructure Improvements \$701,765,926 Transportation (in millions) \$120 \$100 \$80 \$60 \$40 \$20 \$0 \$0 \$350 Cost of Needs \$300 \$250 \$200 \$150 \$100 Est. \$50 \$0 10 11 11 11 11 15 Est. **Inventory Year** -Completed Water and Wastewater (in millions) \$200 \$60 Completions Est. Cost of Needs \$50 \$150 \$40 \$100 \$30 of \$20 \$50 Cost \$0 07 08 09 09 11 11 12 13 **Inventory Year** Completed New Public Schools & Additions (in millions) \$100 \$90 \$80 \$70 \$60 \$50 \$40 \$30 \$20 \$10 \$60 Est. Cost of Completions Cost of Needs \$50 \$40 \$30 \$20 \$10 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Sumner County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 104,068,800	\$ 199,878,276
Water and Wastewater	83,846,000	66,416,311
New Public Schools & Additions	60,683,000	14,074,167
School Renovations	29,788,500	24,831,791
Post-secondary Education	1,060,000	42,766,875
Recreation	10,857,317	22,252,628
Community Development	7,300,000	6,000,000
Libraries, Museums, & Historic Sites	6,300,000	992,261
Fire Protection	1,200,000	5,700,000
Public Buildings	4,500,000	250,000
Law Enforcement	3,000,000	-
Storm Water	-	3,000,000
Business District Development	2,000,000	-
Industrial Sites and Parks	-	1,000,000
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Total	\$ 314,603,617	\$ 387,162,309



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

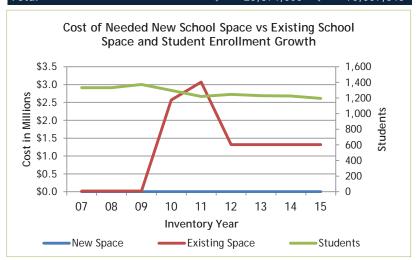


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

Trousdale County Total Estimated Cost* for Infrastructure Improvements \$116,881,645 Transportation (in millions) \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 \$0.0 \$120 Est. Cost of Needs \$100 \$80 \$60 \$40 \$20 \$0 Est. 10 11 12 13 14 15 **Inventory Year** -Completed Water and Wastewater (in millions) \$1.2 \$1.0 \$1.0 \$0.8 \$0.6 \$0.6 \$35 Est. Cost of Needs \$30 \$25 \$20 \$15 \$0.4 5 \$10 \$0.2 \$5 \$0.0 07 08 09 10 11 11 13 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$12 \$1.2 Est. Cost of Completions Cost of Needs \$10 \$1.0 \$8 \$0.8 \$6 \$0.6 \$0.4 \$4 \$2 \$0.2 \$0 \$0.0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Trousdale County Five-year period July 2015 through June 2020

Ducinet Town	Community	Planning & Design + Construction
Project Type	Conceptual	
Transportation	\$ 23,574,000	\$ 52,292,645
Water and Wastewater	-	26,535,000
Industrial Sites and Parks	1,000,000	6,336,000
Business District Development	-	2,890,000
Law Enforcement	1,500,000	-
Public Buildings	-	1,434,000
School Renovations	800,000	520,000
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	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 26,874,000	\$ 90,007,645



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

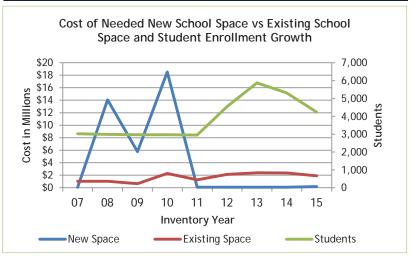


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

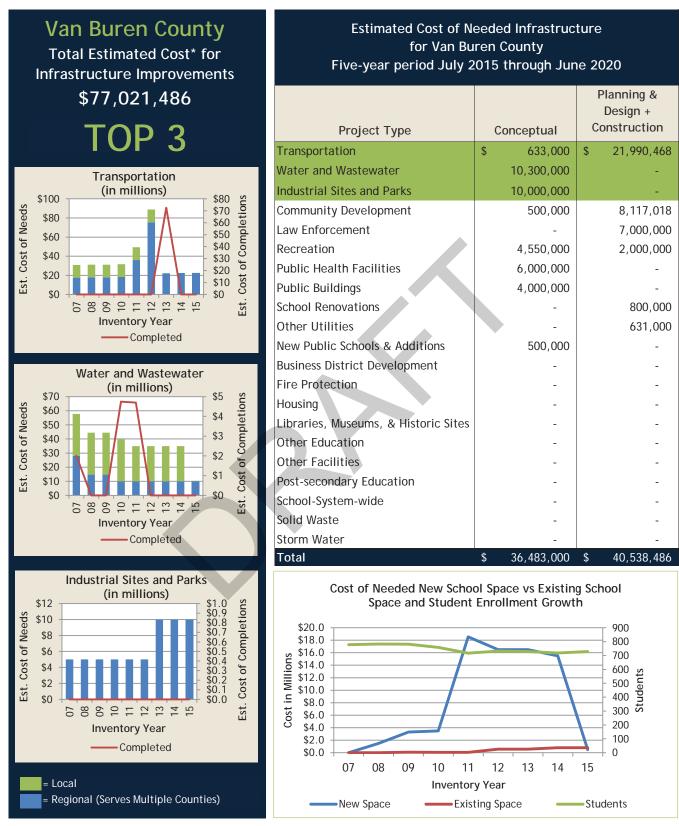
Union County Total Estimated Cost* for **Infrastructure Improvements** \$115,849,854 Transportation (in millions) \$160 \$16 \$14 Cost of Completions Est. Cost of Needs \$140 \$120 \$100 \$12 \$10 \$80 \$8 \$6 \$60 \$4 \$40 \$20 \$0 Est. 10 11 12 13 14 15 **Inventory Year** -Completed **School Renovations** (in millions) \$2.5 Est. Cost of Needs \$2.0 \$1.5 \$1.0 \$0.5 Cost \$0.0 07 08 09 09 11 11 12 13 **Inventory Year** Completed **Industrial Sites and Parks** (in millions) \$1.4 \$1.0 \$0.9 \$0.8 \$0.7 \$0.6 \$0.5 \$0.4 \$0.3 \$0.2 \$0.1 \$0.0 Est. Cost of Completions \$1.2 \$1.0 \$0.8 \$0.6 \$0.4 \$0.2 80.0 \$0.0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Union County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 10,504,523	\$ 99,795,331
School Renovations	1,624,700	284,300
Industrial Sites and Parks	1,200,000	-
Recreation	875,000	150,000
Water and Wastewater	410,000	-
Community Development	300,000	-
Public Buildings	-	281,000
Public Health Facilities	250,000	-
New Public Schools & Additions	175,000	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 15,339,223	\$ 100,510,631



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



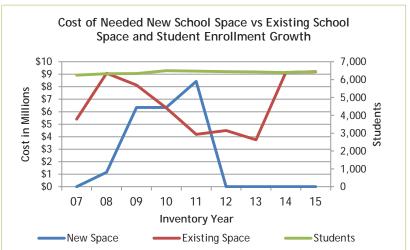
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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Estimated Cost of Needed Infrastructure for Warren County Five-year period July 2015 through June 2020

		Planning & Design +
Project Type	Conceptual	Construction
Transportation	\$ 25,968,000	\$ 53,982,539
Other Facilities	12,000,000	-
Water and Wastewater	6,750,000	5,115,000
School Renovations	3,995,000	5,205,000
Post-secondary Education	5,960,000	932,000
Recreation	4,000,000	-
Industrial Sites and Parks	3,000,000	-
Law Enforcement	1,740,000	-
Public Buildings	1,000,000	-
Fire Protection	300,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	_	_
Solid Waste	_	_
Storm Water	-	-
Total	\$ 64,713,000	\$ 65,234,539



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



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

500,000

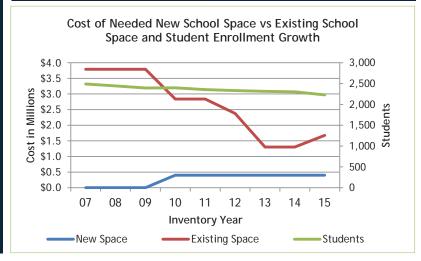
300,000

900,000

Wayne County Total Estimated Cost* for Infrastructure Improvements \$129,541,386 Transportation (in millions) \$120 \$60 Cost of Completions Est. Cost of Needs \$100 \$50 \$80 \$40 \$30 \$60 \$20 \$40 \$20 \$0 Est. 10 11 12 13 14 15 07 **Inventory Year** -Completed Law Enforcement (in millions) \$40 \$12 Cost of Completions Est. Cost of Needs \$35 \$10 \$30 \$8 \$25 \$20 \$6 \$15 \$10 \$5 07 08 09 11 11 13 15 **Inventory Year** Completed Water and Wastewater (in millions) \$40 \$4.5 \$4.0 \$3.5 \$3.0 \$2.5 \$2.0 \$1.5 \$1.0 \$0.5 \$0.0 Cost of Completions \$35 \$30 \$25 Cost of Needs \$20 \$15 \$10 \$5 \$0 Est. **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Wayne County Five-year period July 2015 through June 2020

			Planning & Design + Construction	
Project Type	Conce	eptual	COI	istruction
Transportation	\$ 46	,422,000	\$	48,455,796
Law Enforcement		-		22,200,000
Water and Wastewater		-		6,888,590
Industrial Sites and Parks	2	,000,000		-
School Renovations	1,	675,000		-
Community Development	1,	500,000		-
New Public Schools & Additions		400,000		-
Business District Development		-		-
Fire Protection		-		-
Housing		-		-
Libraries, Museums, & Historic Sites		-		-
Other Education		-		-
Other Facilities		-		-
Other Utilities		-		-
Post-secondary Education		-		-
Public Buildings		-		-
Public Health Facilities		-		-
Recreation		-		-
School-System-wide		-		-
Solid Waste		-		-
Storm Water		-		-
Total	\$ 51	,997,000	\$	77,544,386



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

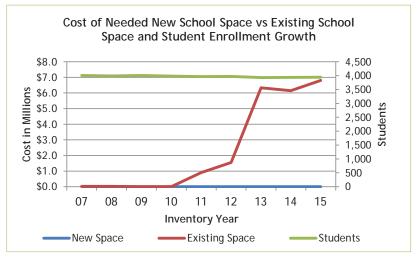


^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

White County Total Estimated Cost* for Infrastructure Improvements \$137,140,589 Transportation (in millions) \$70 \$10 Cost of Completions Est. Cost of Needs \$60 \$8 \$50 \$6 \$40 \$30 \$20 \$10 \$0 Est. 10 11 12 13 **Inventory Year** -Completed **Industrial Sites and Parks** (in millions) \$50 Est. Cost of Needs \$40 \$30 \$20 \$10 \$0.5 Cost \$0 \$0.0 07 08 09 09 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$25 \$6 Est. Cost of Completions Est. Cost of Needs \$5 \$20 \$4 \$15 \$3 \$10 \$2 \$5 \$1 \$0 \$0 07 08 09 09 11 11 13 15 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for White County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction	
Transportation	\$ 54,217,000	\$ 11,409,000	
Industrial Sites and Parks	40,000,000	\$ 11,409,000	
		-	
Water and Wastewater	11,500,000	-	
School Renovations	1,850,000	4,950,000	
Public Buildings	4,000,000	-	
Law Enforcement	3,000,000	-	
Solid Waste	-	3,000,000	
Other Utilities	2,000,000	-	
Fire Protection	800,000	-	
Recreation	-	267,000	
Libraries, Museums, & Historic Sites	-	147,589	
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	\$ 117,367,000	\$ 19,773,589	



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



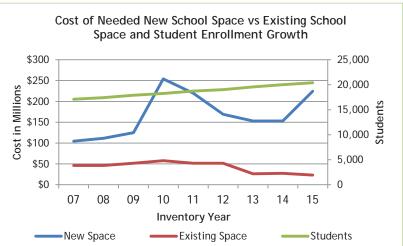
^{*}Total Estimated Cost = Conceptual + Planning & Design + Construction

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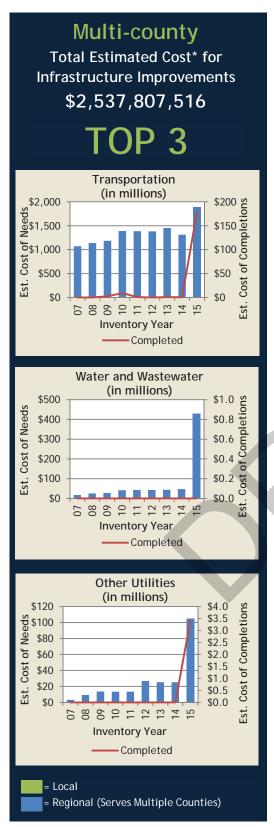
Wilson County Total Estimated Cost* for Infrastructure Improvements \$972,357,296 Transportation (in millions) \$600 \$50 Cost of Completions Cost of Needs \$500 \$40 \$400 \$30 \$300 \$20 \$200 \$100 Est. \$0 Est. 112 113 14 **Inventory Year** -Completed **New Public Schools & Additions** (in millions) \$300 \$60 Completions Cost of Needs \$50 \$250 \$200 \$40 \$150 \$30 \$100 of Cost Est. \$50 07 08 09 09 11 11 11 14 15 **Inventory Year** Completed Water and Wastewater (in millions) \$140 \$45 \$40 \$35 \$30 \$25 \$20 \$15 \$10 \$5 \$0 Cost of Completions S \$120 \$100 \$90 \$80 Cost of \$60 \$40 \$20 \$0 Est. (07 08 09 09 11 11 13 **Inventory Year** -Completed = Local Regional (Serves Multiple Counties)

Estimated Cost of Needed Infrastructure for Wilson County Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 295,675,000	\$ 229,791,422
New Public Schools & Additions	134,000,000	90,500,000
Water and Wastewater	34,195,000	68,550,000
Industrial Sites and Parks	40,000,000	-
School Renovations	17,955,940	5,156,500
School-System-wide	16,000,000	-
Other Utilities	-	15,950,000
Recreation	8,877,216	5,586,218
Fire Protection	3,800,000	1,000,000
Public Buildings	2,600,000	-
Public Health Facilities	1,720,000	-
Solid Waste	1,000,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Storm Water	-	-
Total	\$ 555,823,156	\$ 416,534,140



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



Estimated Cost of Needed Infrastructure for Multi-county Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 1,367,379,000	\$ 521,831,663
Water and Wastewater	19,600,000	408,926,829
Other Utilities	7,275,000	97,970,000
Law Enforcement	17,760,000	51,450,000
Recreation	15,885,000	6,800,000
Public Buildings	9,000,000	2,965,000
Post-secondary Education	1,930,000	8,755,539
Fire Protection	158,000	-
Libraries, Museums, & Historic Sites	-	121,485
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Public Health Facilities	-	-
School Renovations	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Total	\$ 1,438,987,000	\$ 1,098,820,516

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