

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

July 2015 through June 2020

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State of Tennessee

Tennessee Advisory Commission on Intergovernmental Relations  
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May 23, 2017

The Honorable Randy McNally  
Lt. Governor and Speaker of the Senate

The Honorable Beth Harwell  
Speaker of the House of Representatives

Members of the General Assembly

State Capitol  
Nashville, TN 37243

Ladies and Gentlemen:

Transmitted herewith is the fifteenth in a series of reports on Tennessee's infrastructure needs by the Tennessee Advisory Commission on Intergovernmental Relations pursuant to Public Chapter 817, Acts of 1996. That act requires the Commission to compile and maintain an inventory of infrastructure needed in Tennessee and present these needs and associated costs to the General Assembly during its regular legislative session. The inventory, by law, is designed to support the development by state and local officials of goals, strategies, and programs to

- improve the quality of life of all Tennesseans,
- support livable communities, and
- enhance and encourage the overall economic development of the state through the provision of adequate and essential public infrastructure.

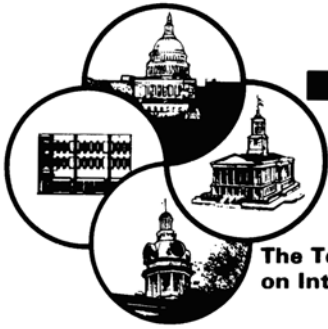
This year's report includes one-page summaries for each county-area that lists the estimated cost for all types of infrastructure by stage of development. The summaries also highlight the top three types of infrastructure improvements needed in each county based on total estimated cost and provide comparisons of the infrastructure needed at public school systems to student enrollment.

Respectfully yours,

Senator Mark Norris  
Chairman

Cliff Lippard  
Executive Director





# TACIR

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on Intergovernmental Relations



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## ***MEMORANDUM***

**TO:** Commission Members

**FROM:** Cliff Lippard *Cliff*  
Executive Director

**DATE:** 23 May 2017

**SUBJECT:** Annual Report on Tennessee's Public Infrastructure Needs

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The Tennessee General Assembly charged the Commission in 1996 with developing and maintaining an inventory of public infrastructure needs "in order for the state, municipal and county governments of Tennessee to develop goals, strategies, and programs which would

- improve the quality of life of its citizens,
- support livable communities, and
- enhance and encourage the overall economic development of the state."

Each year since this mandate was created for the Commission, we have worked with the state's nine development districts to gather information from state and local officials for an inventory of Tennessee's public infrastructure needs. The information they provide is analyzed by commission staff, and an annual report is prepared for the General Assembly.

The current report is submitted for your approval. It is the fifteenth in the series and presents \$43.4 billion of infrastructure improvements reported in the inventory by state and local officials. This most recent inventory includes projects that need to be in some stage of development during the five-year period July 2015 through June 2020.

This year's report is organized differently than in previous years. There is a single statewide overview chapter that provides information by type of infrastructure, the condition and needs of our public school facilities, the availability of funding to meet reported needs, and a comparison of county-area needs. Following that section, one-

page summaries for each county-area lists the estimated cost for all types of infrastructure by stage of development. The summaries also highlight the top three types of infrastructure improvements needed in each county based on total estimated cost and provide comparisons of the infrastructure needed at public school systems to student enrollment. Further detailed county-area information about each type of infrastructure in the inventory, along with relevant legislation, inventory forms, and a glossary of terms, can be found in the appendixes to the report.

# Building Tennessee’s Tomorrow: Anticipating the State’s Infrastructure Needs

July 2015 through June 2020

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

July 2015 through June 2020

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## INTRODUCTION

One of the greatest fiscal challenges facing our elected officials is dealing with the nation's aging infrastructure. As the population grows and shifts, new classrooms must be built and equipped to meet our children's needs. As roads and bridges wear out, they must be repaired or replaced to ensure our safety. And as outdated water lines begin to crack and fail, they must be upgraded to carry clean drinking water safely and efficiently. These examples are just a few of the demands confronting state and local officials as they struggle with the daunting task of matching limited funds to seemingly unlimited needs.

Why do we rely on the public sector for roads, bridges, water lines, and schoolhouses instead of looking to the private sector? The private sector does a fine job of providing goods and services when it is possible to monitor and control their use and exclude those who cannot or will not pay an amount sufficient to generate profit. In the interest of general health and safety, excluding users is not always desirable, and profit may not always be possible. Public infrastructure is the answer when the service supported is essential to the common good and the private sector cannot profitably provide it at a price that makes it accessible to all. Therefore, we look to those who represent us in our public institutions to set priorities and find ways to fund them.

### Why inventory public infrastructure needs?

The Tennessee General Assembly affirmed the value of public infrastructure in legislation enacted in 1996 when it deemed an inventory of those needs necessary "in order for the state, municipal, and county governments of Tennessee to develop goals, strategies, and programs which would

- improve the quality of life of its citizens,
- support livable communities, and
- enhance and encourage the overall economic development of the state

"Infrastructure projects not only create jobs and improve quality of life for all Americans, but they enhance economic growth in the long term. With improved roads, bridges, and ports, businesses are better able to serve consumers and expand their enterprises."

Lindsey Klaassen and Ed Mortimer, *InfrastructureUSA, Infrastructure: An Investment Worth Making*, April 6, 2017

through the provision of adequate and essential public infrastructure.”<sup>1</sup> The public infrastructure needs inventory on which this report is based was derived from surveys of local officials by staff of the state’s nine development districts,<sup>2</sup> the capital budget requests submitted to the Governor by state officials as part of the annual budget process, and bridge and road needs from project listings provided by state transportation officials. The Commission relies entirely on state and local officials to evaluate the infrastructure needs of Tennessee’s citizens as envisioned by the enabling legislation.

### **What infrastructure is included in the inventory?**

For purposes of this report, and based on the direction provided in the public act and common usage, public infrastructure is defined as

*capital facilities and land assets under public ownership  
or operated or maintained for public benefit.*

To be included in the inventory, infrastructure projects must not be considered normal or routine maintenance and must involve a capital cost of at least \$50,000.<sup>3</sup> This approach, dictated by the public act, is consistent with the characterization of capital projects adopted by the Tennessee General Assembly for its annual budget.

Local officials were asked to describe anticipated needs for the period July 1, 2015, through June 30, 2035, classifying those needs by type of project. State-level needs were derived from capital budget requests. Both state and local officials were also asked to identify the stage of development—conceptual, planning and design, or under construction—as of July 1, 2015. The period covered by each inventory was expanded to 20 years in 2000 because of legislation requiring its use by the Commission to monitor implementation of Tennessee’s Growth Policy Act.<sup>4</sup> Plans developed pursuant to that act established growth boundaries for annexation by the state’s municipalities. This report focuses on the first five years of the period covered by the inventory and the following types of public infrastructure (see page 255 for a glossary of project types)

- Transportation and Utilities
  - Transportation
  - Other Utilities

<sup>1</sup> Chapter 817, Public Acts of 1996. For more information about the enabling legislation, see appendix A.

<sup>2</sup> For more information on the importance of the inventory to the development districts and local officials, see appendix B.

<sup>3</sup> School technology infrastructure is included for existing schools regardless of cost in order to provide information related to the technology component of the state’s education funding formula.

<sup>4</sup> Chapter 672, Public Acts of 2000.

- Education
  - Post-secondary Education
  - School Renovations
  - New Public Schools and Additions
  - Other Education
  - School System-wide
- Health, Safety, and Welfare
  - Water and Wastewater
  - Law Enforcement
  - Public Health
  - Storm Water
  - Fire Protection
  - Solid Waste
  - Housing
- Recreation and Culture
  - Recreation
  - Libraries, Museums, and Historic Sites
  - Community Development
- General Government
  - Public Buildings
  - Other Facilities
- Economic Development
  - Industrial Sites and Parks
  - Business District Development

Within these parameters, local officials are encouraged to report their needs as they relate to developing goals, strategies, and programs to improve their communities. They are limited by only the very broad purposes for public infrastructure as prescribed by law. No independent assessment of need constrains their reporting. In addition, the inventory includes bridge and road needs from project listings provided by state transportation and capital needs identified by state officials and submitted to the governor as part of the annual budget process.

“Infrastructure in the United States is in such poor condition that it would only merit a ‘D+’ if it were graded like students, according to the American Society of Civil Engineers (ASCE). The group estimates it would take an additional \$2 trillion of spending by 2025 to bring the average up to a ‘B.’”

Daniel C. Vock, *Governing*,  
“Engineers Give America’s  
Infrastructure D+, Again,”  
March 9, 2017

"Few things have more impact on people and place than the roads and bridges and transit lines we build, and the critical utilities that keep them running. Most of these projects are associated with progress, but outcomes can be good or bad."

Anthony Flint, Citylab,  
*Infrastructure's Big Moment is Coming*, May 8, 2017

## How is the inventory accomplished?

The public infrastructure needs inventory is developed using two separate, but related, inventory forms.<sup>5</sup> Both forms are used to gather information from local officials about needed infrastructure improvements. The second form is also used to gather information about the condition of existing public school buildings, as well as the cost to meet all facilities mandates at the schools, put them in good condition, and provide adequate technology infrastructure. Information about the need for new public school buildings and for school system-wide infrastructure improvements is gathered in the first form. TACIR staff provide local officials with supplemental information from the state highway department about transportation needs, many of which originate with local officials. This information helps ensure that all known needs are captured in the inventory.

In addition to gathering information from local officials, TACIR staff incorporate capital improvement requests submitted by state officials to the Governor's Budget Office into the inventory. While TACIR staff spend considerable time reviewing all the information in the inventory to ensure accuracy and consistency, the information reported in the inventory is based on the judgment of state and local officials. In many cases, information is limited to that included in the capital improvements programs of local governments, which means that it may not fully capture local needs.

Projects included in the report are required to be in the conceptual, planning and design, or construction phase at some time during the five-year period July 2015 through June 2020. Projects included are those that need to be either started or completed during that period. Estimated costs for the projects may include amounts spent before July 2015 to start a project that needs to be completed during the five-year period or amounts to be spent after June 2020 to complete a project that needs to be started during the five-year period. Because the source of information from state agencies is their capital budget requests, all of those projects are initially recorded as conceptual.

In the context of the public infrastructure needs inventory, the term "mandate" is defined as any rule, regulation, or law originating from the federal or state government that affects the cost of a project.<sup>6</sup> The mandates most commonly reported are the Americans with Disabilities Act (ADA), asbestos, lead, underground storage tanks, and the Education Improvement Act (EIA). The EIA mandate was to reduce the number of students in each public school classroom by an overall average of about 4½ by fall 2001. Tennessee public schools began working toward that goal with passage of the EIA in 1992 and met it by hiring a sufficient number

<sup>5</sup> Both forms are included in appendix C.

<sup>6</sup> See the Glossary of Terms at the end of the report.

of teachers. However, some schools still do not have sufficient classroom space to accommodate the additional classes and teachers required.

Except in the case of existing public schools, the inventory does not include estimates of the cost to comply with mandates, only whether the need was the result of a mandate; therefore, mandates themselves are not analyzed here other than to report the number of projects affected by mandates. Even in the case of public schools, with the exception of the EIA, the cost reported to TACIR as part of the public infrastructure needs inventory is relatively small—less than 1% of the total.

### **How is the inventory used?**

The Public Infrastructure Needs Inventory is both a product and a continuous process, one that has been useful in

- short-term and long-range planning,
- providing a framework for funding decisions,
- increasing public awareness of infrastructure needs, and
- fostering better communication and collaboration among agencies and decision makers.

#### ***The inventory promotes planning and setting priorities.***

The Public Infrastructure Needs Inventory has become a tool for setting priorities and making informed decisions by all stakeholders. Many decision makers have noted that in a time of tight budgets and crisis-based, reactive decisions, the annual inventory process is the one opportunity they have to set funding issues aside for a moment and think proactively and broadly about their very real infrastructure needs. For most officials in rural areas and in smaller cities, the inventory is the closest thing they have to a capital improvements program (CIP). Without the inventory, they would have little opportunity or incentive to consider their infrastructure needs. Because the inventory is not limited to needs that can be funded in the short term, it may be the only formal opportunity they have to consider the long-range benefits of infrastructure.

#### ***The inventory helps match critical needs to limited funding opportunities.***

The Public Infrastructure Needs Inventory provides the basic information that helps state and local officials match needs with funding, especially in the absence of a formal capital improvements program. At the same time, the inventory provides information needed by the development districts to update their respective Comprehensive Economic Development Strategy Reports required annually by the Federal Economic Development Administration. Unless a project is listed in that document, it will not be considered for funding by that agency. Information from the inventory

"As infrastructure deteriorates, many sectors of the economy lose their ability to operate efficiently."

Diane Whitmore Schanzenbach, Ryan Nunn, and Greg Nantz, The Hamilton Project at Brookings, *If you Build It: A Guide to the Economics of Infrastructure Investment*, February 7, 2017

has been used to develop lists of projects suitable for other types of state and federal grants as well. For example, many projects that have received Community Development Block Grants were originally discovered in discussions of infrastructure needs with local government officials. And it has also helped state decision makers identify gaps between critical needs and available state, local, and federal funding, including an assessment of whether various communities can afford to meet their infrastructure needs or whether some additional planning needs to be done at the state level about how to help them.

***The inventory provides an annual review of conditions and needs of public school facilities.***

The schools' portion of the inventory is structured so that the condition of all schools is known, not just the ones in need of repair or replacement. Data can be retrieved from the database and analyzed to identify particular needs, such as technology. This information is useful in pinpointing pressing needs for particular schools and districts, as well as providing an overview of statewide needs. This unique statewide database provides information about the condition and needs of Tennessee's public school facilities.

***The inventory increases public awareness, communication, and collaboration among decision makers.***

The state's infrastructure needs have been reported to a larger public audience, and the process has fostered better communication between the development districts, local and state officials, and decision makers. The resulting report has become a working document used at the local, state, and regional levels. It gives voice to the often-underserved small towns and rural communities. Each update of the report provides an opportunity for re-evaluation and re-examination of projects and for improvements in the quality of the inventory and the report itself. This report is unique regarding its broad scope and comprehensive nature. Through the inventory process, development districts have expanded their contact, communication, and collaboration with agencies not traditionally sought after (e.g., local boards of education, utility districts, and the Tennessee Department of Transportation) and strengthened personal relationships and trust with their more traditional local and state contacts. Infrastructure needs are being identified, assessed, and addressed locally and documented for the Tennessee General Assembly, various state agencies, and decision makers for further assessment and consideration.

**What improvements have been made to the inventory?**

As each inventory cycle comes to a close, TACIR staff review the collection and analysis process to identify ways to improve efficiency and accuracy. Staff continually work to improve methods for project tracking and quality control. This year, improved surveying of public housing agencies and

authorities identified a need for \$304 million in infrastructure to support public housing that had not been captured in previous inventories. In addition, infrastructure related to broadband internet access was added as a new project type this fall and will be analyzed in the July 2016 report. Staff continues to analyze the relationship between school-level enrollment and the need for improvements at individual schools, augmenting analyses using system-level enrollment. Staff also continued to improve and enhance the online inventory application.

Staff also routinely evaluate methods to improve how the information collected in the surveys is shared with state and local officials and communicated to the general public. Toward those ends, this year's report format includes one-page summaries for each county. See page 8 for the statewide summary. The county summaries may be found beginning on page 21. The 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.

### **What else needs to be done?**

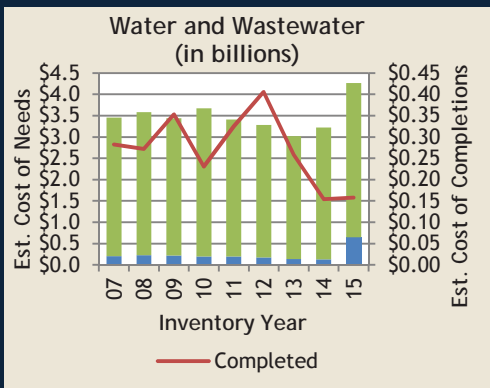
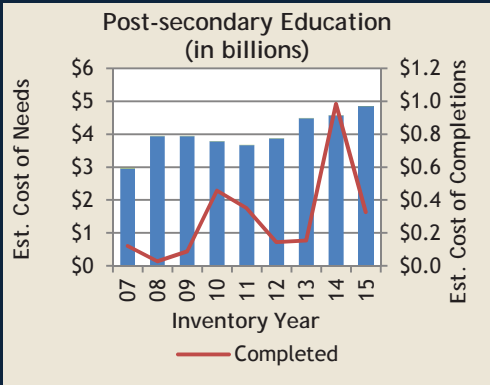
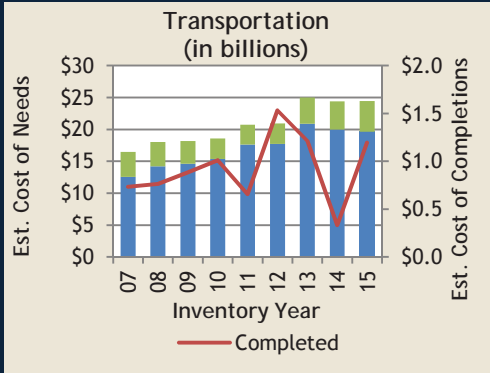
The data collection process continues to improve, and the current inventory is more complete and accurate than ever. The Commission has tried to strike a balance between requiring sufficient information to satisfy the intent of the law and creating a burden on local officials reporting their needs. By law, the inventory is required of TACIR, but it is not required of state or local officials; they may decline to participate without penalty. Similarly, they may provide only partial information. This can make comparisons across jurisdictions and across time difficult. But with each annual inventory, participants have become more familiar with the process and more supportive of the program.

Improvements in the technological infrastructure of the inventory itself have set the stage for future efforts to make the inventory more accessible and useful to state and local policy makers and to researchers. Future work will include adding some GIS capabilities so staff and public officials can better analyze infrastructure needs.

## State Total

Total Estimated Cost\* for Infrastructure Improvements  
**\$43,416,840,970**

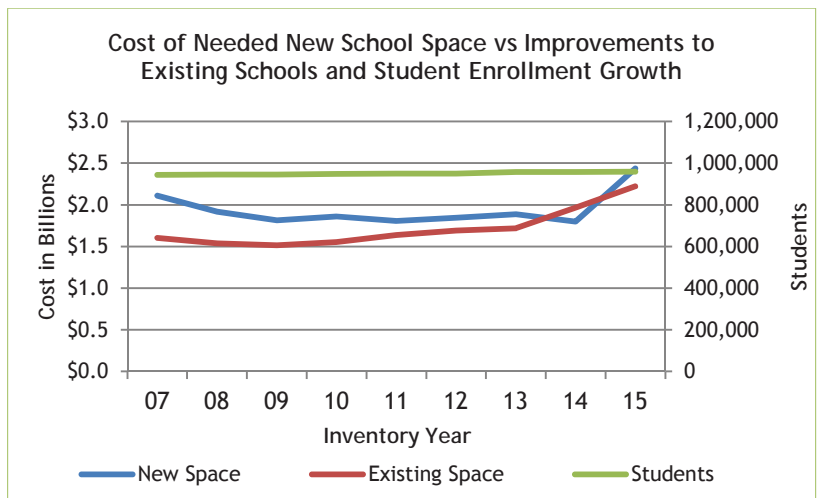
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for State Total Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$10,545,716,694	\$13,891,483,029
Post-secondary Education	1,834,018,000	3,006,178,399
Water and Wastewater	1,298,510,294	2,969,665,192
New Public Schools & Additions	1,533,420,127	901,563,000
School Renovations	1,693,600,927	527,072,696
Recreation	400,520,765	773,839,889
Law Enforcement	386,604,589	371,836,787
Public Buildings	403,256,841	177,555,000
Public Health Facilities	329,782,700	112,988,285
Libraries, Museums, & Historic Sites	67,542,928	315,008,151
Other Utilities	64,127,004	251,975,106
Housing	242,890,000	61,118,235
Industrial Sites and Parks	148,016,000	105,580,474
Community Development	106,724,248	94,370,413
Storm Water	63,981,850	122,972,835
Fire Protection	108,159,789	68,855,866
Business District Development	28,034,000	135,109,257
Other Facilities	48,606,300	92,171,000
Other Education	46,810,000	36,720,000
School-System-wide	25,242,000	3,700,000
Solid Waste	15,680,300	5,832,000
<b>Total</b>	<b>\$19,391,245,356</b>	<b>\$24,025,595,614</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction



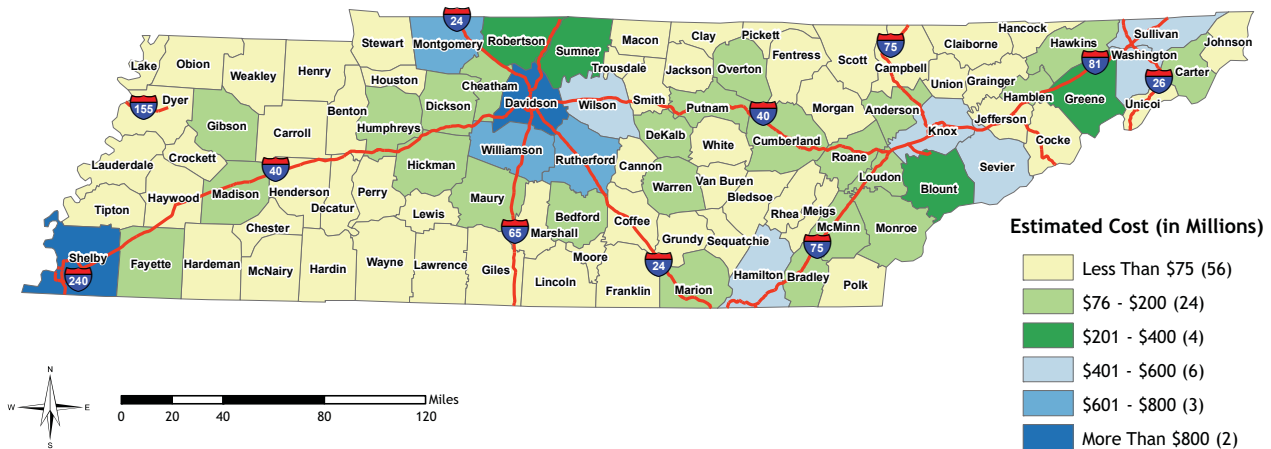
# Building Tennessee's Tomorrow: Anticipating the State's Infrastructure Needs

July 2015 through June 2020

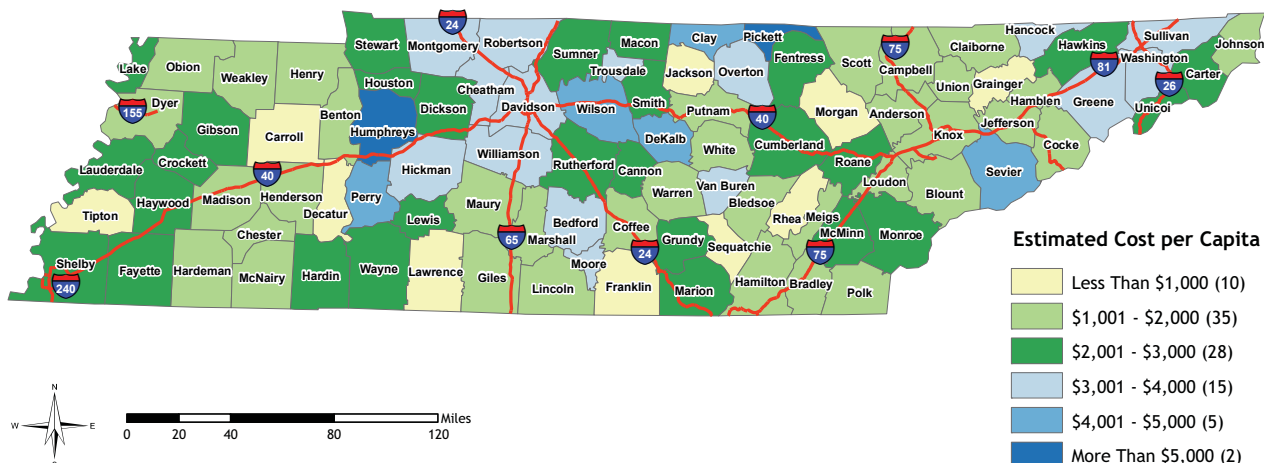
## INFRASTRUCTURE NEEDS OVERVIEW

Public infrastructure is needed in every corner of the state from highly populated counties like Shelby and Davidson to rural counties like Humphreys and Pickett. In general, it has been the case throughout the history of this inventory that the more people a county has and the more its population grows, the more infrastructure it will need (see map 1). However, relative to their populations, counties with small populations need just as much or more infrastructure than counties with large populations (see map 2). Individual county summaries, starting on page 21, offer a breakdown of infrastructure needs by county.

**Map 1. Total Estimated Cost of Infrastructure Improvement Needs**  
*Five-year Period July 2015 through June 2020*



**Map 2. Estimated Cost of Total Infrastructure Improvement Needs per Capita**  
*Five-year Period July 2015 through June 2020*



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

This overview highlights changes in reported needs for infrastructure improvements and tries to draw conclusions where possible based on the data reported by local and state officials. The estimated cost of all needed public infrastructure improvements in Tennessee continues to fluctuate. State and local officials report an increase of approximately \$3.0 billion (7.4%) in this year's inventory, which brings the estimated cost of public infrastructure improvements that need to be in some stage of development between July 1, 2015, and June 30, 2020, to \$43.4 billion (see table 1). Improvements needed for Transportation and Utilities, Education, and Health, Safety, and Welfare continue to account for most of the inventory, with Education and Health, Safety, and Welfare needs responsible for most of the reported increase this year. As in last year's inventory, nearly two-thirds of the estimated cost of the needed improvements reported in this year's inventory is not funded, though more funding will become available as projects move from the conceptual stage to the planning and design stage.

Table 1. Comparison of Estimated Cost of Needed Infrastructure Improvements  
July 2014 Inventory vs. July 2015 Inventory

Category and Type of Infrastructure	July 2014 Inventory	July 2015 Inventory	Difference	Percent Change
<b>Transportation and Utilities</b>	<b>\$24,623,764,746</b>	<b>\$ 24,753,301,833</b>	<b>\$ 129,537,087</b>	<b>0.5%</b>
Transportation	24,410,198,540	24,437,199,723	27,001,183	0.1%
Other Utilities	213,566,206	316,102,110	102,535,904	48.0%
<b>Education</b>	<b>\$ 8,438,639,726</b>	<b>\$ 9,608,325,149</b>	<b>\$ 1,169,685,423</b>	<b>13.9%</b>
Post-secondary Education	4,575,978,536	4,840,196,399	264,217,863	5.8%
New Public Schools & Additions	1,798,560,356	2,434,983,127	636,422,771	35.4%
School Renovations*	1,965,093,834	2,220,673,623	255,579,789	13.0%
Other Education**	83,300,000	83,530,000	230,000	0.3%
School-System-wide	15,707,000	28,942,000	13,235,000	84.3%
<b>Health, Safety and Welfare</b>	<b>\$ 4,882,495,863</b>	<b>\$ 6,158,878,722</b>	<b>\$ 1,276,382,859</b>	<b>26.1%</b>
Water and Wastewater	3,218,916,987	4,268,175,486	1,049,258,499	32.6%
Law Enforcement	827,039,199	758,441,376	(68,597,823)	-8.3%
Public Health Facilities	444,542,700	442,770,985	(1,771,715)	-0.4%
Housing	1,858,000	304,008,235	302,150,235	16,262.1%
Storm Water	193,885,642	186,954,685	(6,930,957)	-3.6%
Fire Protection	170,051,335	177,015,655	6,964,320	4.1%
Solid Waste	26,202,000	21,512,300	(4,689,700)	-17.9%
<b>Recreation and Culture</b>	<b>\$ 1,538,473,782</b>	<b>\$ 1,758,006,394</b>	<b>\$ 219,532,612</b>	<b>14.3%</b>
Recreation	981,902,165	1,174,360,654	192,458,489	19.6%
Libraries, Museums, and Historic Sites	339,588,174	382,551,079	42,962,905	12.7%
Community Development	216,983,443	201,094,661	(15,888,782)	-7.3%
<b>General Government</b>	<b>\$ 539,963,484</b>	<b>\$ 721,589,141</b>	<b>\$ 181,625,657</b>	<b>33.6%</b>
Public Buildings	446,797,684	580,811,841	134,014,157	30.0%
Other Facilities	93,165,800	140,777,300	47,611,500	51.1%
<b>Economic Development</b>	<b>\$ 385,796,135</b>	<b>\$ 416,739,731</b>	<b>\$ 30,943,596</b>	<b>8.0%</b>
Industrial Sites and Parks	260,736,115	253,596,474	(7,139,641)	-2.7%
Business District Development	125,060,020	163,143,257	38,083,237	30.5%
<b>Grand Total</b>	<b>\$40,409,133,736</b>	<b>\$ 43,416,840,970</b>	<b>\$ 3,007,707,234</b>	<b>7.4%</b>

\*School Renovations include school technology projects with estimated costs below the \$50,000 threshold used for other types of infrastructure included in the inventory. Individual technology projects under the threshold totaled \$3,341,937 in 2015 and \$3,521,536 in 2014.

\*\*Other Education includes infrastructure improvements reported at State educational institutions not associated with institutes of higher education or at the county, city, or special school systems level. Examples include the Tennessee School for the Deaf and Alvin C. York Institute.

## Public infrastructure needed for Education and Health, Safety, and Welfare accounts for more than 80% of the increase in this year's inventory.

Of the \$3.0 billion increase in infrastructure needs reported in this year's inventory, more than \$2.4 billion (81.3%) is attributable to increases in Education and Health, Safety, and Welfare needs. For the second straight year, needed improvements for Health, Safety, and Welfare show the largest overall increase—\$1.3 billion—most of which results from the \$1.0 billion increase reported for water and wastewater projects, including the addition of large projects in Shelby and Knox counties. Education infrastructure needs increased \$1.2 billion from last year's inventory, with \$636 million of the increase reported for new schools and additions to existing schools. Increases in needs reported for other categories in the inventory—Recreation and Culture (\$220 million), General Government (\$182 million), Transportation and Utilities (\$130 million), and Economic Development (\$31 million)—are relatively small in comparison. See table 1.

## Transportation and Utilities continues to dominate the inventory, though most of the increase in that category is for needs classified as other utilities.

Transportation and Utilities is and always has been the largest category of infrastructure in the inventory and totals \$24.8 billion this year—57.0% of the inventory. Transportation alone, at \$24.4 billion, accounts for nearly all of this category and is larger than all other categories in the inventory—Education at \$9.6 billion (22.1%), Health, Safety, and Welfare at \$6.2 billion (14.2%), Recreation and Culture at \$1.8 billion (4.0%), General Government at \$722 million (1.7%), and Economic Development at \$417 million (1.0%).

## Transportation needs remain relatively flat.

The net increase in the total estimated cost of transportation needs is only \$27 million (0.1%) in this year's inventory. This net increase includes \$2.4 billion in new projects and \$774 million in project cost increases. But these increases are partially offset

Governor Bill Haslam has been pushing for an increase in the fuel tax<sup>\*</sup> for the past year to help pay for Tennessee's highly publicized \$10.5 billion transportation backlog—which includes only projects that have been approved by the General Assembly and are either in the planning and design or construction stage.<sup>\*\*</sup> On April 19, 2017, the Tennessee House of Representatives and Senate approved the Improve Act, which included raising the tax on gasoline and diesel fuel by 6 cents and 10 cents, respectively, over a three-year period while also featuring several tax cuts.<sup>†</sup> The \$24.4 billion for transportation in TACIR's public infrastructure needs inventory reflects the total needed regardless of stage of development or available funds. TACIR's inventory includes 6,799 conceptual bridge projects reported by state bridge inspectors that need \$7.4 billion in improvements to meet federal standards<sup>‡</sup> and another \$5.5 billion reported by local officials for 668 local transportation needs that are not included in the administration's transportation backlog. Moreover, the inventory includes needs as of July 2015, while the administration's backlog is current as of January 2017. It should also be noted that projects under construction are classified as fully funded in the inventory, with \$7.7 billion in identified available funds (see figure 1 and table 6). Now that the Governor has been able to attain funding, the stage of development can progress past planning and design and the reported available funds should increase in future reports.

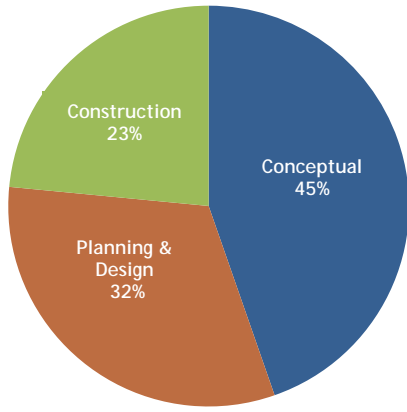
<sup>\*</sup> <https://www.tn.gov/nexttennessee/section/nt-the-improve-act>

<sup>\*\*</sup> [https://www.tn.gov/assets/entities/nexttennessee/attachments/List\\_of\\_962\\_transportation\\_projects.pdf](https://www.tn.gov/assets/entities/nexttennessee/attachments/List_of_962_transportation_projects.pdf)

<sup>†</sup> <http://www.tennessean.com/story/news/politics/2017/04/19/house-approves-haslams-gas-tax-proposal-senate-set-vote/100435456/>

<sup>‡</sup> <https://www.fhwa.dot.gov/bridge/nbis.cfm>

**Figure 1. Percent of Total Reported Cost of Infrastructure Improvements by Stage of Development**  
*Five-year Period July 2015 through June 2020*



by \$1.2 billion in completed projects, \$478 million worth of canceled projects, and \$102 million for postponed projects no longer considered needed within this report's five-year window. Projects totaling \$755 million were removed from the inventory because improved methods of project tracking and quality control identified duplicates and invalid information. Moreover, state and local officials reported \$620 million in reduced costs for projects already in the inventory.

The estimated cost of a project can change for many reasons, including not only the cost of materials and labor but also specific government initiatives.<sup>7</sup> For example, the decrease in existing costs for some projects can be attributed to the Tennessee Department of Transportation's (TDOT) Expedited Project Delivery (EPD) program, which was developed in 2012 to identify and recommend improvement options that are feasible, cost effective, and provide improved safety and mobility. In its first two years, the EPD program has saved

Tennessee \$366 million on just 13 projects, including one road safety project in Macon County that initially called for straightening parts of State Route 262 at a cost of \$17.9 million. After traffic studies showed that only 850 vehicles traveled these sections of road per day, TDOT concluded that a more cost effective approach would be to add safety infrastructure like guardrails, signage, and restriping at a cost of only \$623,000. Another nine projects will be added to the EPD program in fiscal year 2017 for an additional savings of \$153 million.

***Other utilities, including infrastructure needed to support broadband internet, accounts for most of the increase in the Transportation and Utilities category.***

Needs reported for other utilities increased by \$103 million (48.0%) in this year's inventory and now total \$316 million. Most of this increase is attributable to the addition of a \$69 million electrical grid modernization project by the Knoxville Utilities Board. In light of the recommendations in the Commission's recently published report *Broadband Internet Deployment, Availability, and Adoption in Tennessee*, public infrastructure needed for broadband has also been added to the inventory as its own project type within Transportation and Utilities, which will be reflected in next year's report.<sup>8</sup> As of July 2015, there are two broadband projects in the inventory — Gibson County reports a \$5 million project and McMinn County reports a \$7 million project.

<sup>7</sup> US Bureau of Labor Statistics - <https://data.bls.gov/timeseries/NDUBCON--BCON--> and [https://www.bls.gov/oes/current/naics4\\_237300.htm#00-0000](https://www.bls.gov/oes/current/naics4_237300.htm#00-0000).

<sup>8</sup> [http://www.tn.gov/assets/entities/tacir/attachments/2017\\_Broadband.pdf](http://www.tn.gov/assets/entities/tacir/attachments/2017_Broadband.pdf).

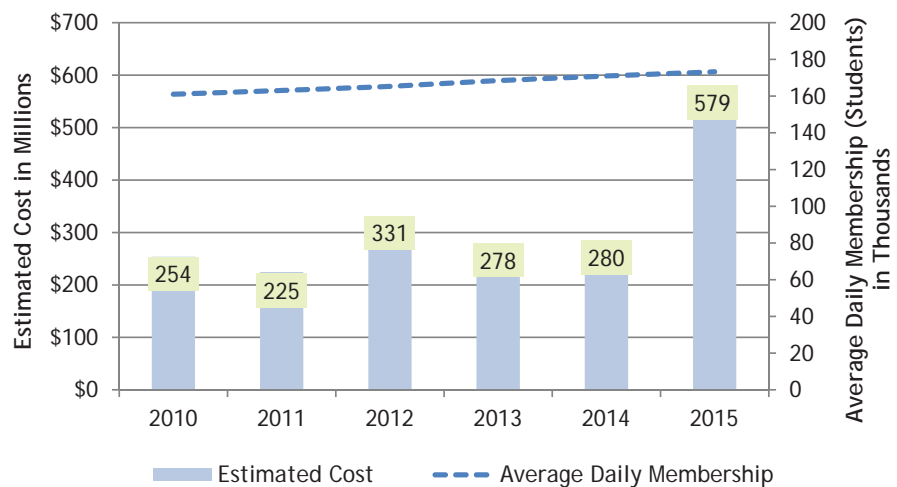
### Enrollment growth and the rising cost of construction materials appear to be driving the increase in Education needs.

School systems must comply with the Tennessee Constitution’s guarantee of the right of access to public education,<sup>9</sup> as well as with the Tennessee Education Improvement Act of 1992,<sup>10</sup> which places limits on the number of students in classrooms. School systems with growing enrollment are faced with the challenge of providing enough space for students while costs increase. Other school systems need to renovate or replace their schools because of age, condition, or other situations like consolidation or school restructuring.

To meet the needs caused by enrollment growth and aging facilities, school systems can build new schools with extra capacity; build additions onto existing schools; renovate existing spaces; or use portable classrooms. In this inventory, the \$488 million (34.5%) increase in the need for new schools was the main reason the total estimated cost for education infrastructure increased. This year, local officials reported they need \$1.9 billion to build new schools, of which \$639 million is for school projects reported for the first time by fourteen school systems.<sup>11</sup>

Almost half of all school systems reporting a need for new schools have growing enrollments (see table 2 on the next page). Of the fourteen systems with newly reported needs for a new school, six—Lakeland and the counties of Hamblen, Knox, Rutherford, Sumner and Williamson—reported needing an additional school, instead of a replacement school where the old building is either demolished or repurposed (see figure 2). Five of these six also experienced enrollment growth from 2010 to 2015. The lone exception is the new Lakeland School System in Shelby County—they only have an elementary school at this time and need to build a middle school so the students can stay inside the school district.

Figure 2. Total Estimated Cost and Student Enrollment for the Six School Systems Needing New Schools July 2010 through 2015 Inventories



<sup>9</sup> Article XI, Section 12, Constitution of the State of Tennessee.  
<sup>10</sup> <http://comptroller.tn.gov/repository/RE/educimproveact.pdf>.  
<sup>11</sup> Bradley County, Bristol, Collierville, Davidson County, Hamblen County, Hamilton County, Knox County, Lakeland, Marion County, Rutherford County, Shelby County, Sumner County, Washington County, and Williamson County

**Table 2. Change in Student Enrollment 2010 to 2015  
for School Systems that Need New Schools**

*Five-year Period July 2015 through June 2020*

School System	Change in Student Enrollment 2010 to 2015	Estimated Cost of New Schools July 2015	
		Total	Per Student
Davidson County	7,554	\$ 211,181,000	\$2,607
Williamson County	4,474	269,500,000	\$7,702
Rutherford County	4,186	154,110,000	\$3,720
Montgomery County	2,723	86,822,362	\$2,766
Knox County	2,058	58,295,000	\$1,012
Hamilton County	1,992	79,000,000	\$1,851
Wilson County	1,708	198,000,000	\$11,810
Sumner County	1,314	69,074,167	\$2,437
Bedford County	574	36,475,000	\$4,376
Cleveland	474	14,000,000	\$2,654
Johnson City	419	14,000,000	\$1,811
Maury County	323	45,000,000	\$3,838
Putnam County	272	26,500,000	\$2,475
Robertson County	234	47,800,000	\$4,290
Hamblen County	233	10,000,000	\$995
Bristol	137	52,000,000	\$13,033
DeKalb County	76	42,000,000	\$14,636
Pickett County	58	15,000,000	\$20,272
Lakeland	(27)	17,678,000	\$20,934
Van Buren County	(30)	500,000	\$687
Sevier County	(38)	52,600,000	\$3,690
Macon County	(44)	10,000,000	\$2,718
Oak Ridge	(56)	10,500,000	\$2,385
Collierville	(78)	95,000,000	\$12,097
Bradley County	(85)	16,000,000	\$1,602
Dickson County	(128)	21,000,000	\$2,550
Marion County	(198)	19,444,110	\$4,769
Benton County	(214)	200,000	\$93
Fentress County	(218)	12,000,000	\$5,638
Cumberland County	(230)	12,000,000	\$1,678
Claiborne County	(265)	1,800,000	\$411
Overton County	(303)	40,000,000	\$12,713
Millington	(323)	6,659,000	\$2,510
Washington County	(501)	70,000,000	\$8,076
Cheatham County	(515)	30,000,000	\$4,741
Roane County	(585)	50,000,000	\$7,454
Shelby County	(5,923)	11,579,999	\$99
<b>Total</b>	<b>19,046</b>	<b>\$ 1,905,718,638</b>	<b>\$9,667</b>

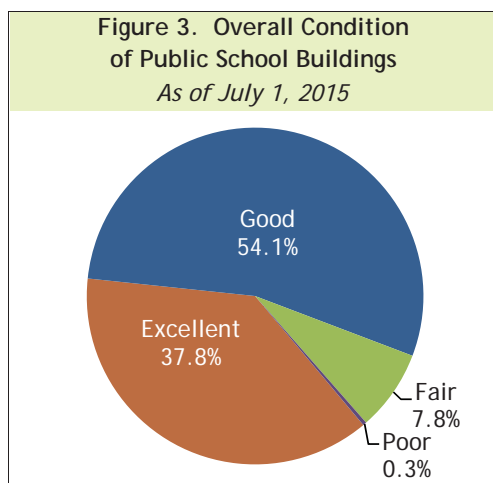
**Table 3. Estimated Cost of School Infrastructure Improvements by Type of Need**  
*July 2014 Inventory vs. July 2015 Inventory*

Type of Infrastructure	July 2014 Inventory	July 2015 Inventory	Difference	Percent Change
<b>New School Space</b>	<b>\$ 1,798,560,356</b>	<b>\$ 2,434,983,127</b>	<b>\$ 636,422,771</b>	<b>35.4%</b>
New Schools Additions	1,417,287,362	1,905,718,638	488,431,276	34.5%
	381,272,994	529,264,489	147,991,495	38.8%
<b>Improvements to Existing Schools</b>	<b>\$ 1,965,093,834</b>	<b>\$ 2,220,673,623</b>	<b>\$ 255,579,789</b>	<b>13.0%</b>
Renovations	1,745,145,342	1,979,735,886	234,590,544	13.4%
Technology*	111,151,588	140,609,469	29,457,881	26.5%
Mandates	108,796,904	100,328,268	(8,468,636)	-7.8%
<b>System-wide Needs</b>	<b>\$ 15,707,000</b>	<b>\$ 28,942,000</b>	<b>\$ 13,235,000</b>	<b>84.3%</b>
<b>Statewide Total</b>	<b>\$ 3,779,361,190</b>	<b>\$ 4,684,598,750</b>	<b>\$ 905,237,560</b>	<b>24.0%</b>

\*Technology includes school projects with estimated costs below the \$50,000 threshold used for other types of infrastructure included in the inventory. Individual technology projects under the threshold totaled \$3,341,937 in 2015 and \$3,521,536 in 2014.

The total estimated cost for school additions increased \$148 million (38.8%) and now totals \$529 million, while the cost for improvements to existing space increased \$256 million (13.0%) and totals \$2.2 billion (see table 3). Some of the additions and improvements to existing space are caused by the condition of the school. Although just over 8.1% of public schools (142) in Tennessee were rated by their local school officials in fair or poor condition, 135 of those schools need improvements to existing space and account for 31.5% of total estimated existing space needs (see figure 3, table 4, and appendix E).

Another reason for the increase in the cost of needed education infrastructure could be the rising cost of construction materials and labor. The US Bureau of Labor Statistics’ new school construction price index rose 18 points (13.8%) from 2010 to 2015,<sup>12</sup> and RSMMeans data by Gordian, an industry-leading construction cost estimating company, shows growth in square foot costs for schools increasing similarly.<sup>13</sup> In 2010, the average cost of a completed new school was \$16 million in Tennessee. Six schools were completed since last year’s report for a total cost of \$124 million, averaging \$21 million per school. Over the next five years, local officials report needing 77 more schools at an average of \$25 million.



**Table 4. Renovation Costs by School Condition**  
*Five-year Period July 2015 through June 2020*

School Condition	Number of Schools	Estimated Cost to Renovate	Average Cost Per School
Good or Excellent	862	\$ 1,352,782,586	\$ 1,569,353
Fair or Poor	135	623,253,300	4,616,691
<b>Total</b>	<b>997</b>	<b>\$ 1,976,035,886</b>	<b>\$ 1,981,982</b>

Note: Does not include facility upgrades captured in the school system-wide category used for the total renovation cost in Table 3.

<sup>12</sup> US Bureau of Labor Statistics - <https://data.bls.gov/timeseries/PCU236222236222>.

<sup>13</sup> RSMMeans data by Gordian, [Square Foot Costs With RSMMeans Data 2017](#).

“Water means business. Millions of households, businesses, and industries depend on reliable water systems to function every day. At the same time, 30 of the country's largest water utilities support up to \$52 billion in economic output and 289,000 jobs annually.”

Lynn E. Broaddus & Joseph Kane, Brookings, *Amidst Federal Uncertainty, Five Steps to Drive Future Water Innovation at the Regional Level*, March 14, 2017

### **The need for clean water and housing account for most of the increase in the Health, Safety, and Welfare category.**

Tennessee's water and wastewater infrastructure is aging—some water and sewer mains are now over a century old<sup>14</sup>—and as the state's population grows—especially around our major cities of Memphis, Nashville, Knoxville, and Chattanooga—additional capacity is needed. In this year's inventory, the estimated cost of needed water and wastewater infrastructure increased \$1 billion (32.6%) and now totals \$4.3 billion. This increase is mainly caused by the addition of large projects in Shelby and Knox counties. Memphis finalized plans for \$250 million to rehabilitate their sewer system to comply with a 2012 US Environment Protection Agency consent decree to ensure clean water for their citizens.<sup>15</sup> In addition, Shelby County needs \$118 million to expand their south water treatment plant. Knox County needs \$233 million to replace wastewater mains and another \$83 million for water main improvements, but this just covers the pipes. Knox County also needs \$66 million to make improvements to their Kuwahee Wastewater Treatment Plant.

The other primary cause of the increase in Health, Safety, and Welfare needs in this year's inventory is a large increase in the estimated cost of housing infrastructure. An improved survey approach identified needs for public housing infrastructure not captured in past reports. Last year's report only had three projects, and all of those have since been completed. This year, 49 housing projects are newly identified in the inventory, and the estimated cost totals \$304 million. The largest project is the \$167 million South City housing project in Memphis. The average cost for the other 48 projects is \$2.9 million.

### **The cost of infrastructure continues to increase for projects that support recreation and cultural assets, public buildings, and efforts to develop the economy.**

The estimated cost for needed recreational infrastructure increased \$192 million (19.6%) and now totals \$1.2 billion. Recreation comes in many forms. For some, it can be a ballpark, while others prefer a walk down a trail. Two of the largest projects in the state causing this big increase represent both ends of this spectrum. The cost of the Clarksville Regional Athletic Complex increased to \$88 million while a \$21 million Great Smoky Mountain Greenway Trail has been added to the inventory.

In Davidson County, the state and the city came to an agreement about the site of the new state museum, currently under construction just north of the Nashville Farmers' market. As with some projects in the inventory, when a project moves past the conceptual stage and engineering or constructing

<sup>14</sup> <http://www.npr.org/templates/story/story.php?storyId=91041009>.

<sup>15</sup> <https://www.justice.gov/opa/pr/us-and-tennessee-announce-clean-water-act-agreement-city-memphis>.



the project starts, the estimated cost can change. In this case, the cost has increased from \$126 million to \$160 million thus increasing the overall total for Libraries, Museums, and Historic Sites by \$43 million (12.7%) to a total of \$383 million. The estimated cost for community development infrastructure decreased \$16 million (7.3%) and now totals \$201 million.

The estimated cost of needed infrastructure for public buildings increased \$134 million (30.0%) and totals \$581 million after decreasing last year. The cost for infrastructure needed for other facilities—structures that are publicly-owned but not typically open to the public like salt bins and maintenance facilities—increased \$48 million (51.1%) to a total of \$141 million.

Lastly, the estimated cost of infrastructure supporting business districts increased \$38 million (30.5%) to a new total of \$163 million. This was offset slightly by a \$7 million (2.7%) decrease in the estimated cost for needed infrastructure at industrial sites and parks.

**Nearly two-thirds of the estimated cost of the needed improvements reported in this year’s inventory is not funded.**

Information about funding for public infrastructure needs reported by officials indicates that 64.6% of the funds required to meet those needs was not available at the time the inventory was conducted, nearly the same as last year’s 65.3%. Excluding improvements needed at existing schools and those drawn from capital budget requests submitted by state agencies, neither of which includes funding information, only \$12.5 billion in funding is available for the remaining \$33.9 billion in needs (see table 5). As always, more of the funding needed will become available as projects move from the conceptual stage to the planning and design stage, but a lack of funding will prevent some projects from ever being completed. In fact, most of the infrastructure needs reported in the July 2010 inventory that were not already fully funded were still needed five years later. As in prior years, funding for needs reported in the inventory comes from federal, state, and local sources.

Table 5. Public Infrastructure Needs Summary of Funding Availability\*  
Five-year Period July 2015 through June 2020

	Funding Available [in billions]	Funding Needed [in billions]	Total Needed [in billions]
Fully Funded Improvements	\$ 12.0	\$ 0.0	\$ 12.0
Partially Funded Improvements	0.5	5.7	6.2
Unfunded Improvements	0.0	15.7	15.7
<b>Total</b>	<b>\$ 12.5</b>	<b>\$ 21.4</b>	<b>\$ 33.9</b>

\*Excludes infrastructure improvements for which funding availability is not known.

Note: Totals may not equal 100% because of rounding.

The government that owns infrastructure typically funds the bulk of its cost, and a variety of revenue sources are tapped. For example, the state collects taxes and appropriates those funds to its own projects but also provides grants to local governments through programs in various state agencies. Even so, cities and counties fund most of their infrastructure improvements with their own property and sales tax revenues, while utility districts fund their improvements primarily with dedicated revenue sources in the form of user fees.

Because most of the state's infrastructure needs are not included in this analysis, local government sources—mainly counties and cities—provide the majority of funding for all fully funded needs presented here except for transportation, which is funded primarily by the federal and state governments, and public health facilities and community development, both of which are funded primarily by the federal government (see table 6). It may appear that the state does not help pay for school buildings even though it does—although counties report funding 100% of new public school construction, the state provides an equivalent amount through its Basic Education Program (BEP) funding formula. The formula includes funds for capital outlay, an amount that topped \$700 million for fiscal year 2015-16.<sup>16</sup> The state pays more than half of that amount but does not earmark those funds for that specific purpose, therefore school systems have the flexibility to use those funds to meet various school needs and for various reasons generally report using them for operating costs rather than capital outlay. Counties also report funding all of the reported \$2 million in school system-wide needs.

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<sup>16</sup> Tennessee Department of Education, 2014. "Capital" worksheet in "FY16 July Final.xlsm" workbook.

Table 6. Funding Source by Category and Type of Infrastructure for Fully Funded Improvement Needs [in millions]  
Five-year Period July 2015 through June 2020

Category and Project Type	State		Federal		Other		City		County		Special District		Total
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount
Transportation and Utilities	\$ 3,315.7	41.9%	\$ 3,774.4	47.7%	\$ 24.5	0.3%	\$ 572.2	7.2%	\$ 209.2	2.6%	\$ 15.2	0.2%	\$ 7,911.3
Transportation	3,314.0	43.0%	3,772.9	49.0%	24.0	0.3%	376.9	4.9%	206.9	2.7%	11.3	0.1%	7,706.1
Other Utilities	1.7	0.8%	1.5	0.7%	0.5	0.2%	195.3	95.2%	2.3	1.1%	3.9	1.9%	205.2
Health, Safety and Welfare	\$ 32.6	1.2%	\$ 145.8	5.2%	\$ 37.3	1.3%	\$ 1,364.0	48.3%	\$ 1,055.1	37.4%	\$ 189.6	6.7%	\$ 2,824.3
Water and Wastewater	31.9	1.2%	120.0	4.6%	36.8	1.4%	1,308.5	50.1%	923.8	35.4%	189.6	7.3%	2,610.5
Law Enforcement	0.0	0.0%	2.0	1.7%	0.0	0.0%	2.4	2.0%	113.6	96.2%	0.0	0.0%	118.1
Storm Water	0.0	0.2%	7.1	35.4%	0.5	2.5%	11.5	57.7%	0.8	4.0%	0.0	0.2%	20.0
Fire Protection	0.2	0.5%	1.8	6.0%	0.0	0.0%	17.9	60.0%	10.0	33.5%	0.0	0.0%	29.9
Public Health Facilities	0.0	0.7%	1.8	39.6%	0.0	0.0%	0.0	0.0%	2.7	59.7%	0.0	0.0%	4.4
Solid Waste	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.7	24.5%	2.1	75.5%	0.0	0.0%	2.7
Housing	0.5	1.3%	13.2	34.0%	0.0	0.0%	23.0	59.4%	2.1	5.4%	0.0	0.0%	38.7
Education	\$ 0.0	0.0%	\$ 0.0	0.0%	\$ 0.0	0.0%	\$ 0.0	0.0%	\$ 419.5	100.0%	\$ 0.0	0.0%	\$ 419.5
New Public Schools	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	417.3	100.0%	0.0	0.0%	417.3
School-System-wide	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	2.2	100.0%	0.0	0.0%	2.2
Recreation and Culture	\$ 18.1	3.4%	\$ 133.7	24.9%	\$ 31.5	5.9%	\$ 139.4	26.0%	\$ 213.3	39.8%	\$ 0.4	0.1%	\$ 536.4
Recreation	12.1	2.6%	105.9	22.9%	20.4	4.4%	112.4	24.3%	210.8	45.6%	0.4	0.1%	462.0
Community Development	4.9	13.9%	17.9	51.0%	0.1	0.2%	10.7	30.5%	1.6	4.4%	0.0	0.0%	35.2
Libraries, Museums, and Historic Sites	1.1	2.8%	9.9	25.2%	11.0	28.1%	16.3	41.5%	0.9	2.4%	0.0	0.0%	39.2
Economic Development	\$ 6.8	3.6%	\$ 13.9	7.3%	\$ 4.4	2.3%	\$ 82.8	43.4%	\$ 44.2	23.2%	\$ 38.6	20.2%	\$ 190.7
Business District Development	3.1	2.4%	0.8	0.6%	2.6	2.0%	67.9	53.3%	17.4	13.6%	35.8	28.1%	127.6
Industrial Sites and Parks	3.7	5.9%	13.0	20.7%	1.9	2.9%	14.9	23.5%	26.8	42.5%	2.8	4.4%	63.1
General Government	\$ 0.4	0.3%	\$ 2.5	1.8%	\$ 0.2	0.1%	\$ 107.8	78.8%	\$ 12.0	8.8%	\$ 14.0	10.2%	\$ 136.9
Public Buildings	0.0	0.0%	1.6	1.9%	0.2	0.2%	71.9	87.2%	8.8	10.7%	0.0	0.0%	82.5
Other Facilities	0.4	0.6%	0.9	1.7%	0.0	0.0%	35.9	66.1%	3.2	5.9%	14.0	25.8%	54.4
<b>Grand Total</b>	<b>\$ 3,373.6</b>	<b>28.1%</b>	<b>\$ 4,070.3</b>	<b>33.9%</b>	<b>\$ 97.9</b>	<b>0.8%</b>	<b>\$ 2,266.2</b>	<b>18.9%</b>	<b>\$ 1,953.2</b>	<b>16.3%</b>	<b>\$ 257.8</b>	<b>2.1%</b>	<b>\$ 12,019.0</b>



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

July 2015 through June 2020

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## **COUNTY SUMMARIES**

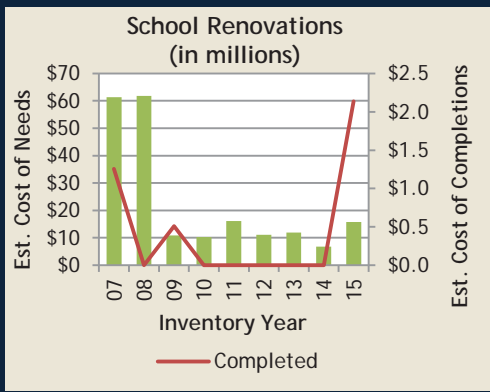
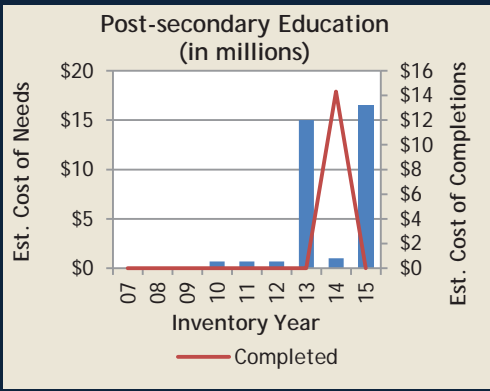
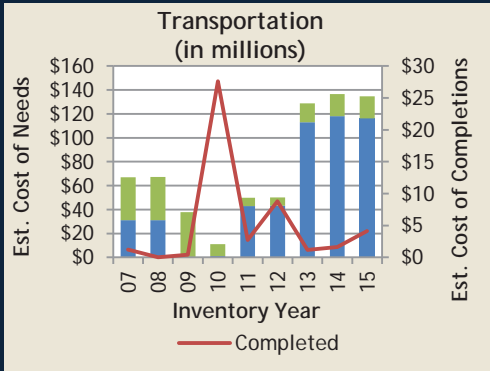
The county summaries highlight the top three types of infrastructure based on total estimated cost needed in the county broken down by whether it's needed locally or at the regional level. The estimated costs for all types of infrastructure are divided between conceptual projects and those that have 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**

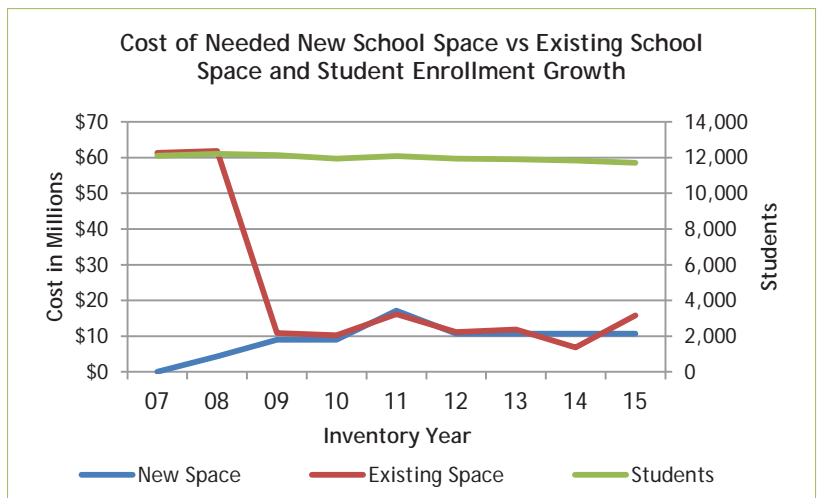
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 98,357,537</b>	<b>\$ 118,443,045</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Bedford County

### Total Estimated Cost\* for Infrastructure Improvements

# \$242,166,723

# TOP 3

#### Transportation (in millions)

Inventory Year	Est. Cost of Needs	Est. Cost of Completions
07	100	10
08	100	10
09	100	10
10	100	10
11	100	40
12	100	10
13	100	10
14	100	10
15	100	10

#### New Public Schools & Additions (in millions)

Inventory Year	Est. Cost of Needs	Est. Cost of Completions
07	30	0
08	30	0
09	30	0
10	30	0
11	30	0
12	30	0
13	30	0
14	30	0
15	30	0

#### Water and Wastewater (in millions)

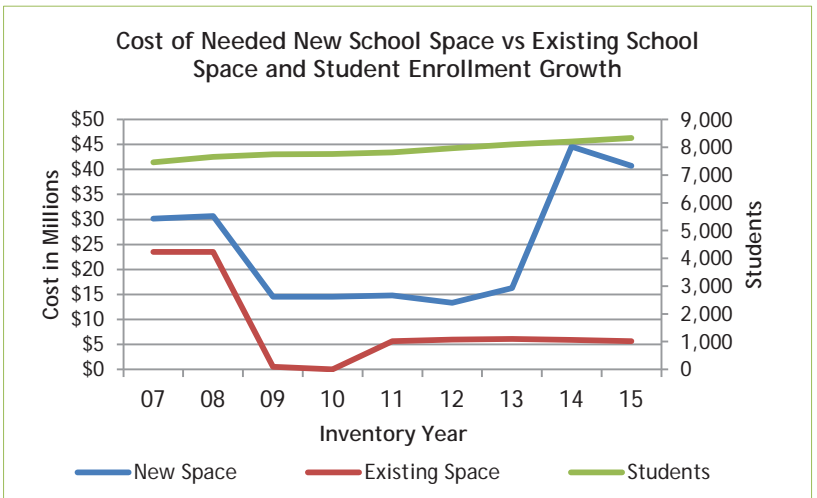
Inventory Year	Est. Cost of Needs	Est. Cost of Completions
07	35	0
08	35	0
09	35	0
10	35	0
11	35	0
12	35	0
13	35	0
14	35	0
15	35	0

■ = Local  
■ = Regional (Serves Multiple Counties)

### Estimated Cost of Needed Infrastructure for Bedford County

#### Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 70,097,000	\$ 91,536,531
New Public Schools & Additions	40,722,192	-
Water and Wastewater	21,600,000	2,910,000
School Renovations	5,420,000	260,000
Fire Protection	2,300,000	450,000
Other Utilities	1,500,000	1,000,000
Recreation	425,000	1,796,000
Industrial Sites and Parks	-	2,000,000
Other Facilities	-	150,000
Business District Development	-	-
Community Development	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 142,064,192</b>	<b>\$ 100,102,531</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

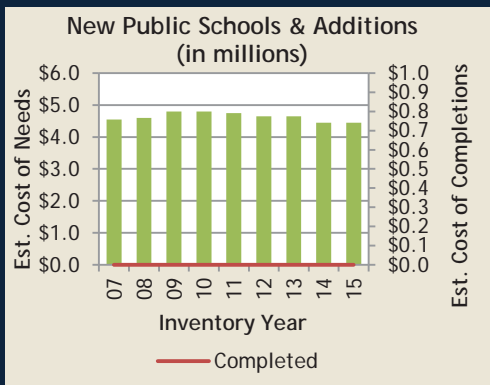
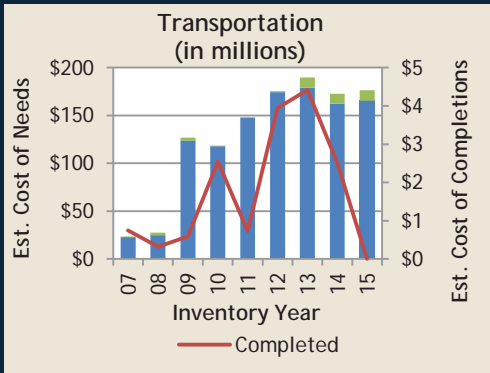


## Benton County

Total Estimated Cost\* for Infrastructure Improvements

**\$196,312,895**

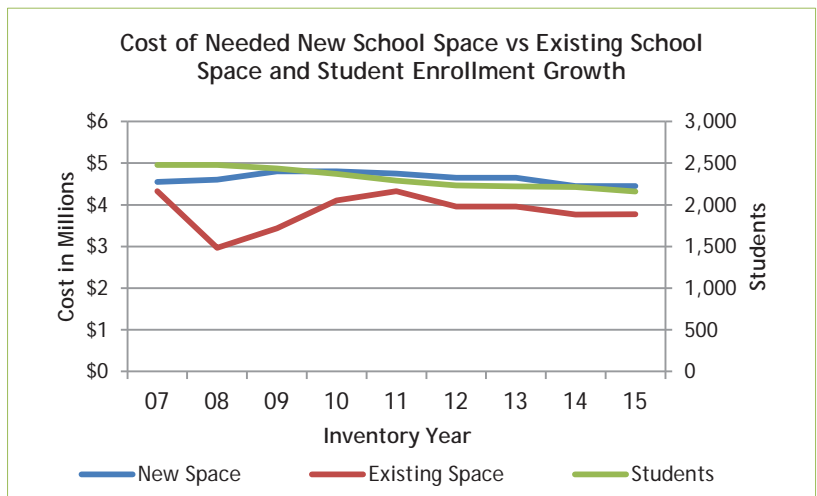
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 146,814,000</b>	<b>\$ 49,498,895</b>



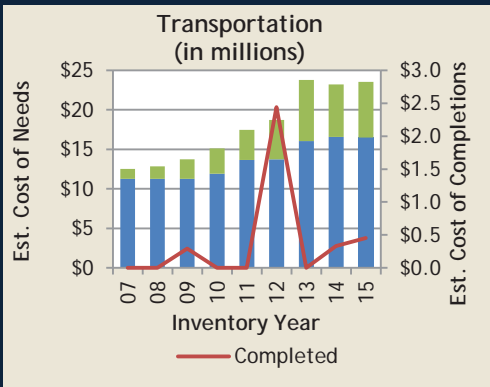
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Bledsoe County

Total Estimated Cost\* for Infrastructure Improvements

\$90,554,978

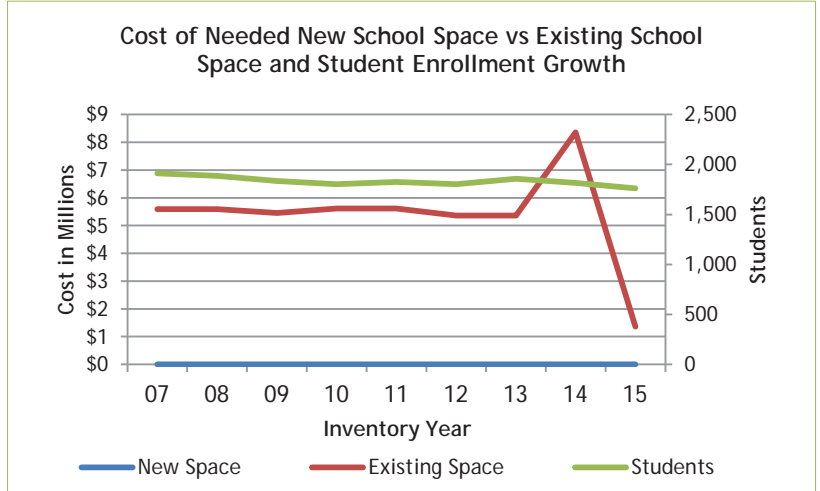
TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Law Enforcement	\$ 6,100,000	\$ 44,250,000
Transportation	22,614,000	920,718
Water and Wastewater	9,586,410	540,000
Public Buildings	-	2,500,000
Industrial Sites and Parks	1,500,000	-
School Renovations	745,000	615,000
Other Utilities	500,000	-
Recreation	500,000	-
Community Development	-	118,400
Public Health Facilities	-	65,450
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 41,545,410</b>	<b>\$ 49,009,568</b>



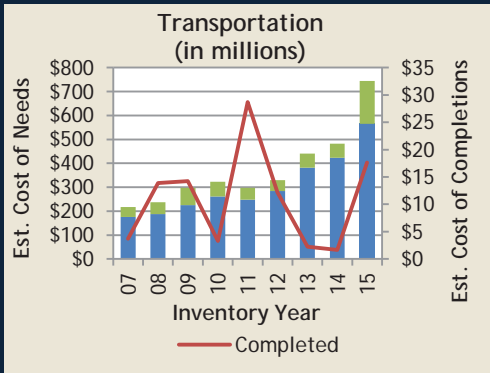
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Blount County

Total Estimated Cost\* for Infrastructure Improvements

**\$818,365,508**

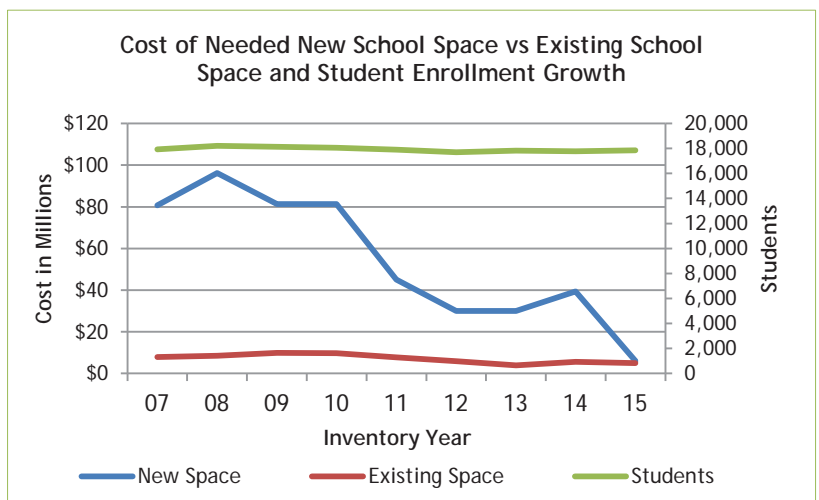
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 390,600,677</b>	<b>\$ 427,764,831</b>

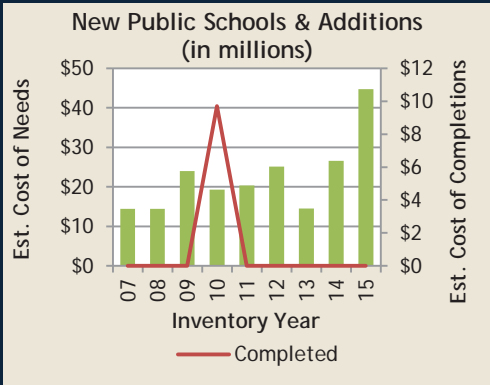
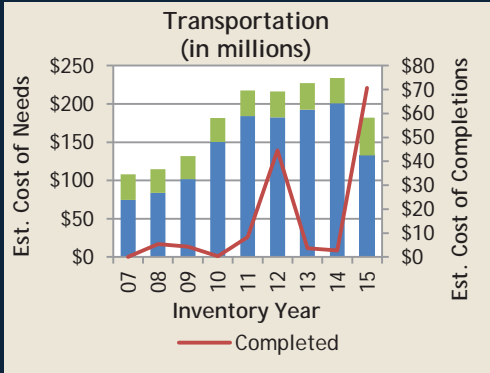


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Bradley County

Total Estimated Cost\* for  
Infrastructure Improvements  
**\$329,795,767**

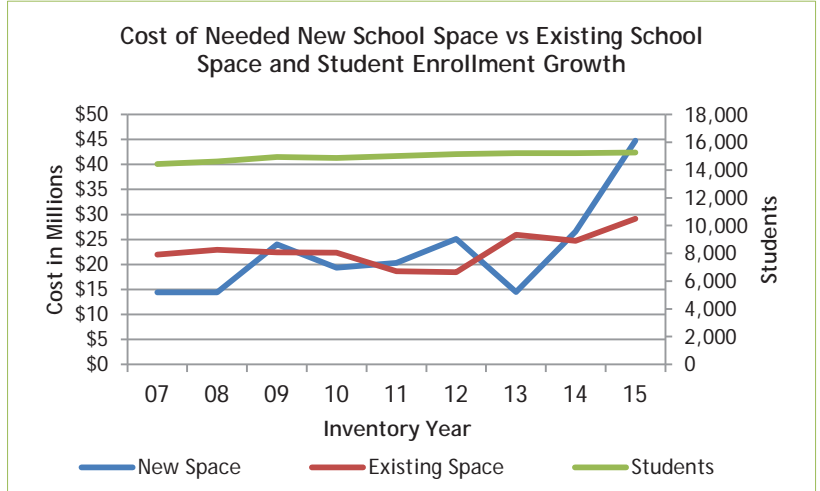
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

### 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	-	-
<b>Total</b>	<b>\$ 102,864,898</b>	<b>\$ 226,930,869</b>



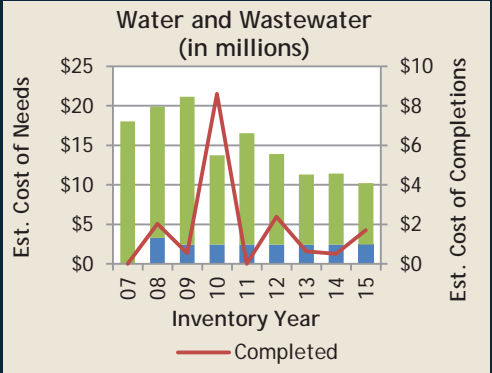
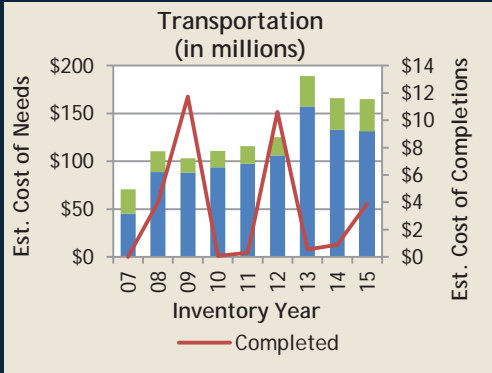
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

# Campbell County

Total Estimated Cost\* for Infrastructure Improvements

\$184,452,024

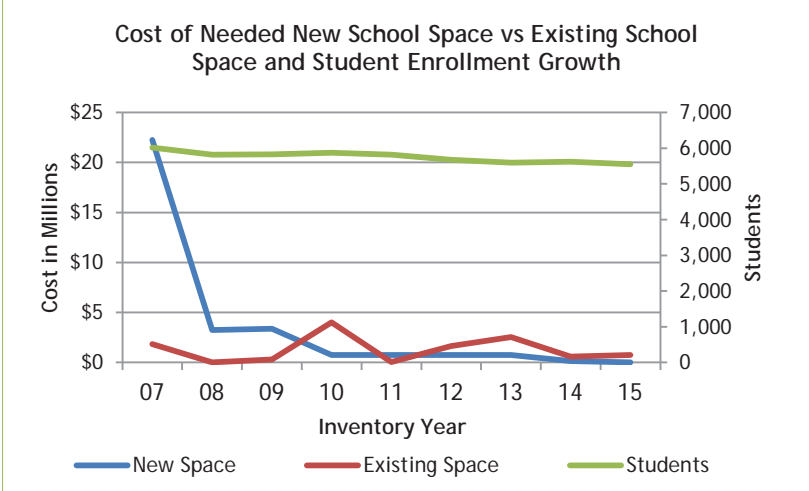
## TOP 3



■ = 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	-	-
<b>Total</b>	<b>\$ 74,679,004</b>	<b>\$ 109,773,020</b>



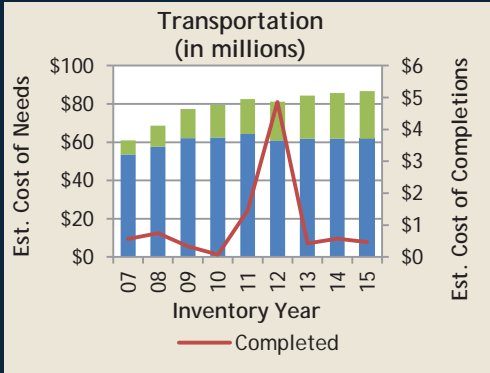
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Cannon County

Total Estimated Cost\* for Infrastructure Improvements

\$96,393,888

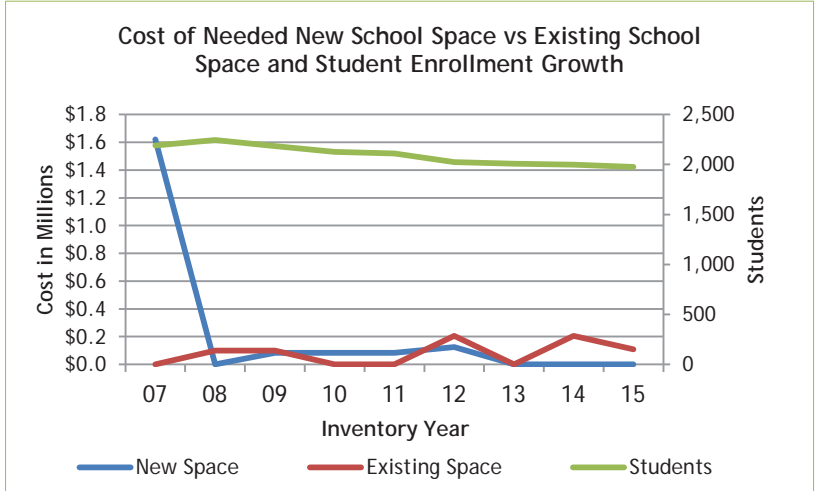
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 85,371,000	\$ 1,312,857
Water and Wastewater	6,000,000	-
Industrial Sites and Parks	3,000,000	-
Public Health Facilities	-	600,000
School Renovations	-	110,031
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 94,371,000</b>	<b>\$ 2,022,888</b>



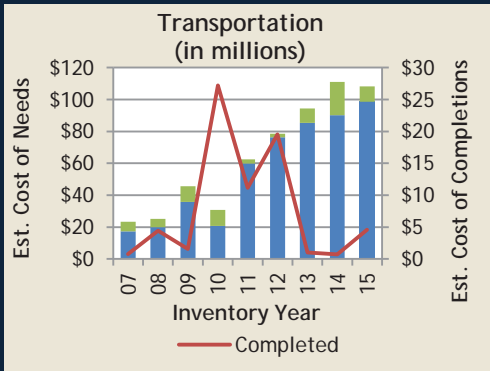
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Carroll County

Total Estimated Cost\* for Infrastructure Improvements

**\$118,097,327**

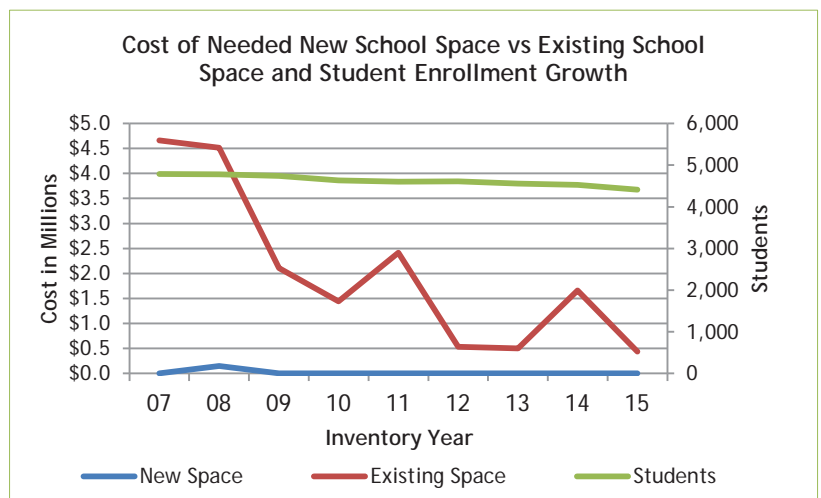
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 48,154,000</b>	<b>\$ 69,943,327</b>

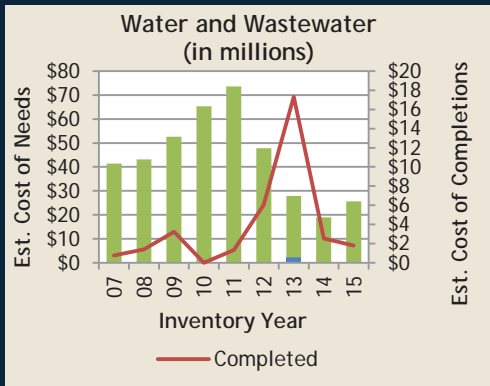
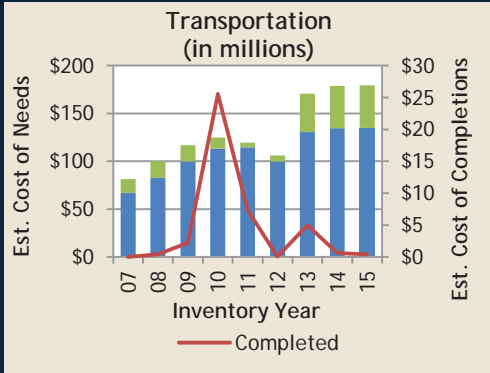


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Carter County

Total Estimated Cost\* for Infrastructure Improvements  
**\$289,343,246**

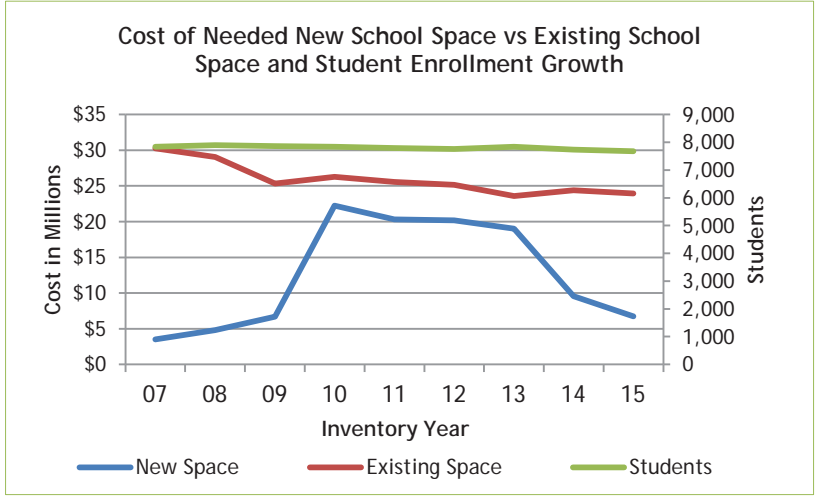
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 85,791,000	\$ 93,726,199
Recreation	5,985,000	22,217,800
Water and Wastewater	20,060,000	5,641,364
School Renovations	16,994,214	6,927,669
Post-secondary Education	-	16,000,000
New Public Schools & Additions	5,045,000	1,700,000
Law Enforcement	-	2,300,000
Housing	2,060,000	175,000
Fire Protection	1,300,000	-
Solid Waste	950,000	-
Libraries, Museums, & Historic Sites	900,000	-
Public Health Facilities	870,000	-
Business District Development	-	500,000
Public Buildings	200,000	-
Community Development	-	-
Industrial Sites and Parks	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
School-System-wide	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 140,155,214</b>	<b>\$ 149,188,032</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

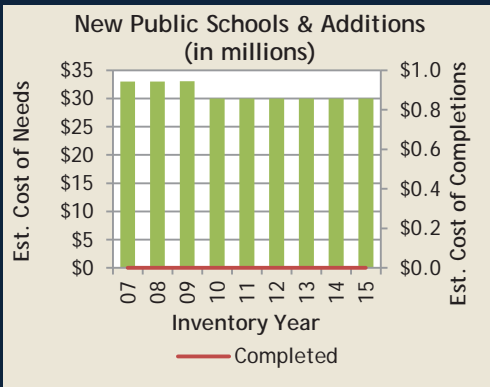
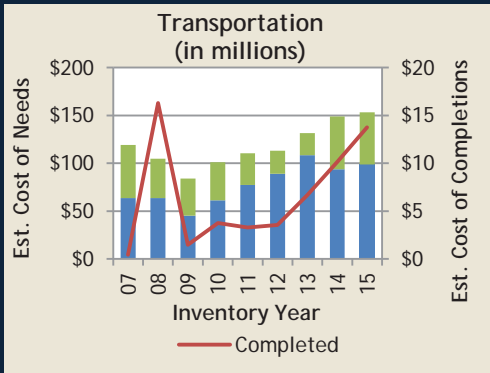


## Cheatham County

Total Estimated Cost\* for Infrastructure Improvements

\$248,198,107

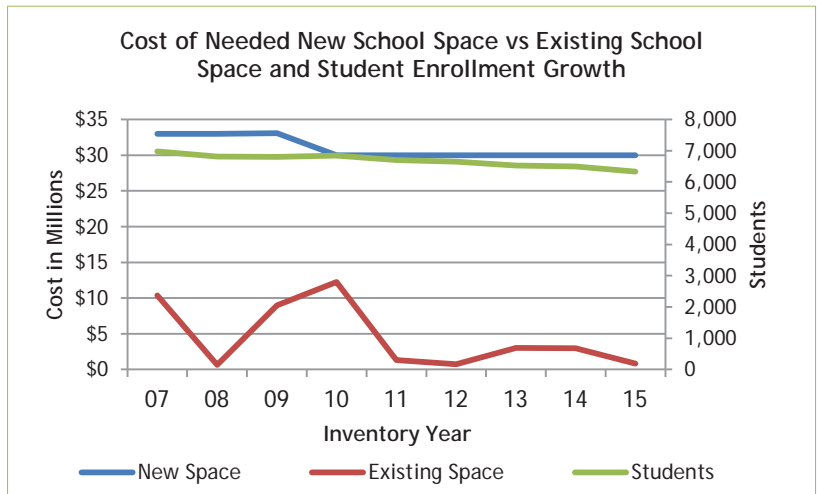
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 164,929,295</b>	<b>\$ 83,268,812</b>



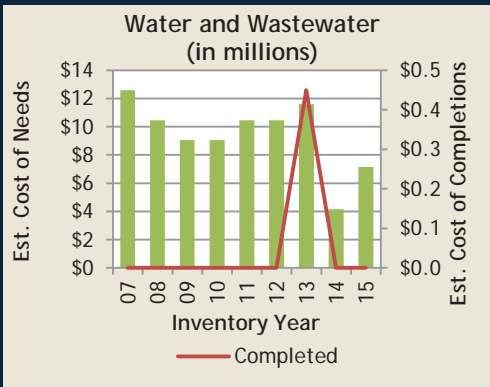
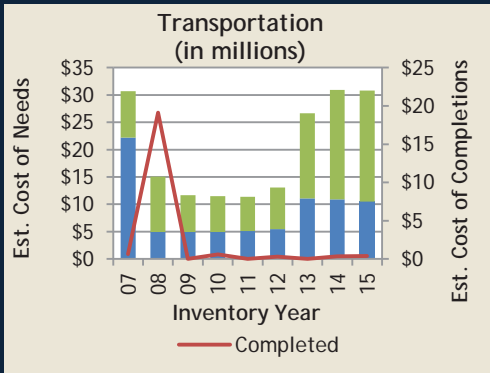
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Chester County

Total Estimated Cost\* for Infrastructure Improvements

\$44,847,636

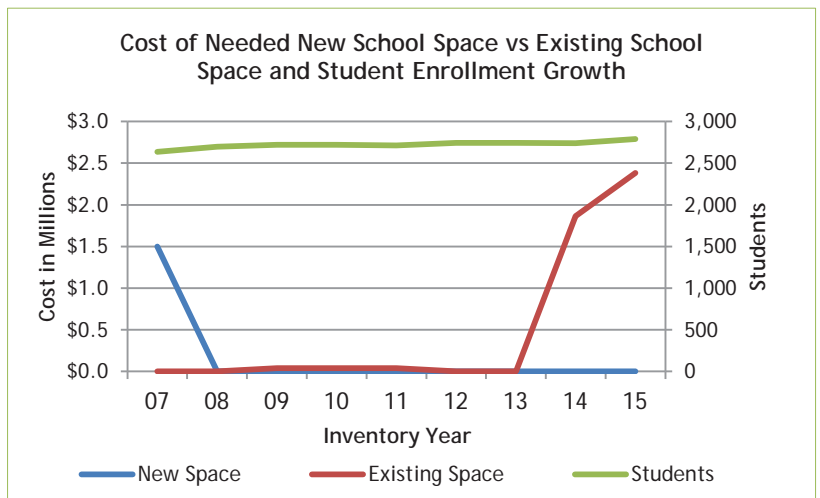
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 28,389,000	\$ 2,436,310
Water and Wastewater	6,900,000	250,000
Recreation	3,155,000	-
School Renovations	2,054,300	328,026
Other Facilities	1,335,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 41,833,300</b>	<b>\$ 3,014,336</b>



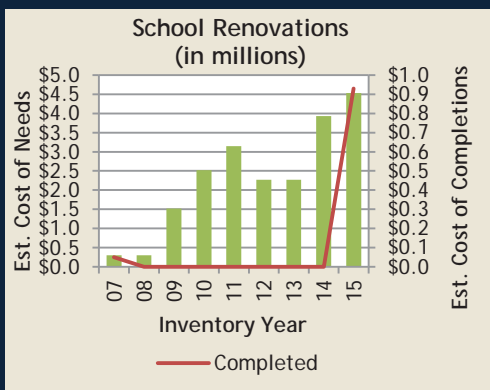
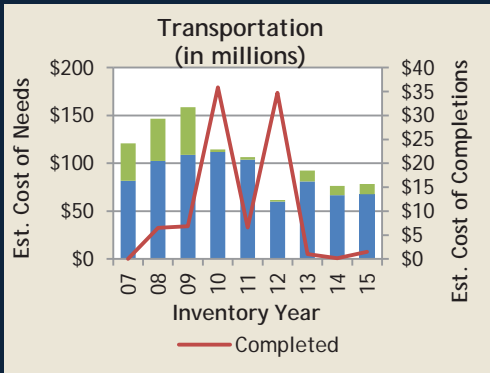
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Claiborne County

Total Estimated Cost\* for Infrastructure Improvements

\$102,740,120

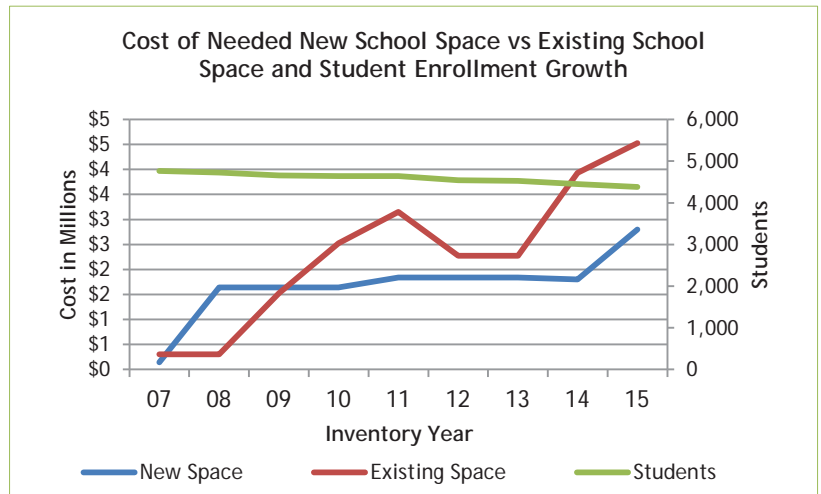
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 48,073,645</b>	<b>\$ 54,666,475</b>



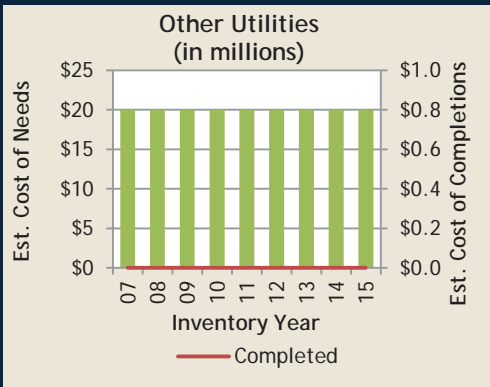
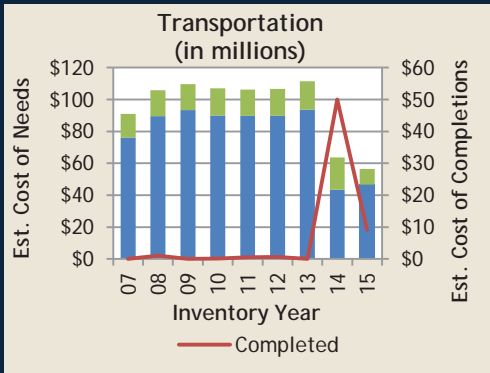
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Clay County

Total Estimated Cost\* for Infrastructure Improvements

**\$90,497,537**

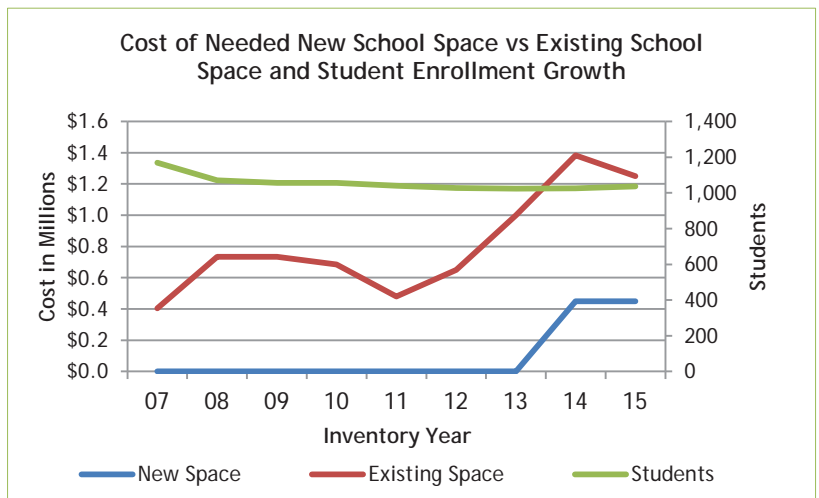
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 7,084,000	\$ 49,463,537
Other Utilities	20,000,000	-
Water and Wastewater	2,000,000	3,050,000
Law Enforcement	5,000,000	-
Industrial Sites and Parks	1,700,000	-
School Renovations	800,000	450,000
Solid Waste	500,000	-
New Public Schools & Additions	400,000	50,000
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 37,484,000</b>	<b>\$ 53,013,537</b>



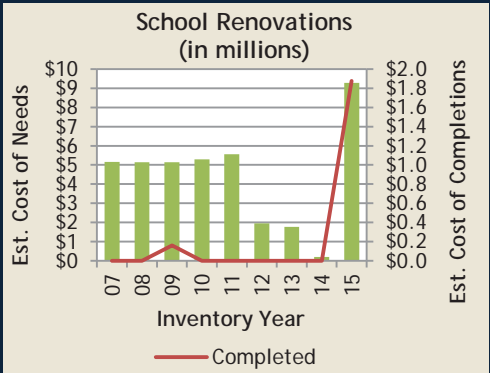
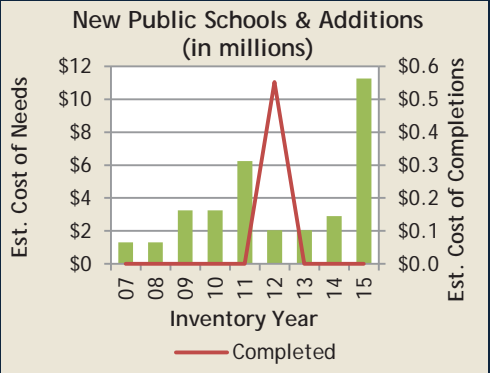
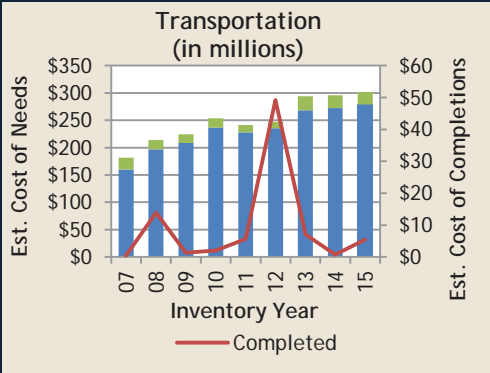
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

# Cocke County

Total Estimated Cost\* for Infrastructure Improvements

\$338,131,144

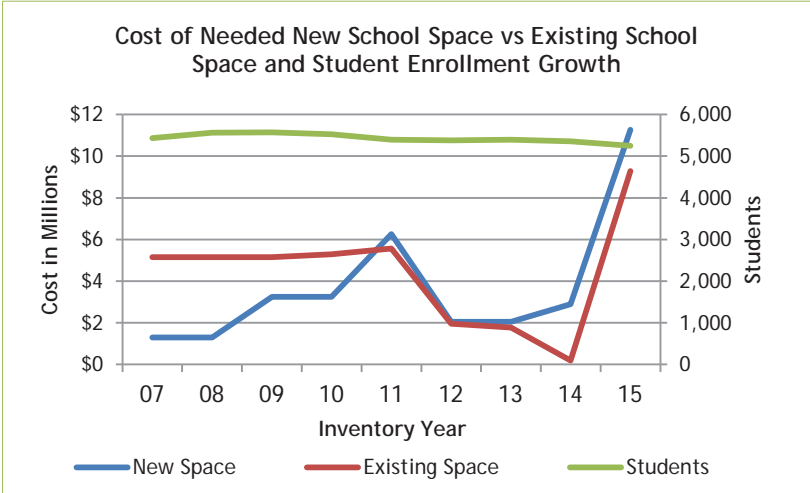
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 90,979,607</b>	<b>\$ 247,151,537</b>



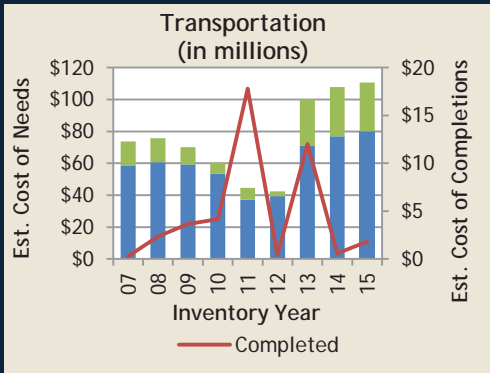
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Coffee County

Total Estimated Cost\* for Infrastructure Improvements

**\$194,875,453**

**TOP 3**

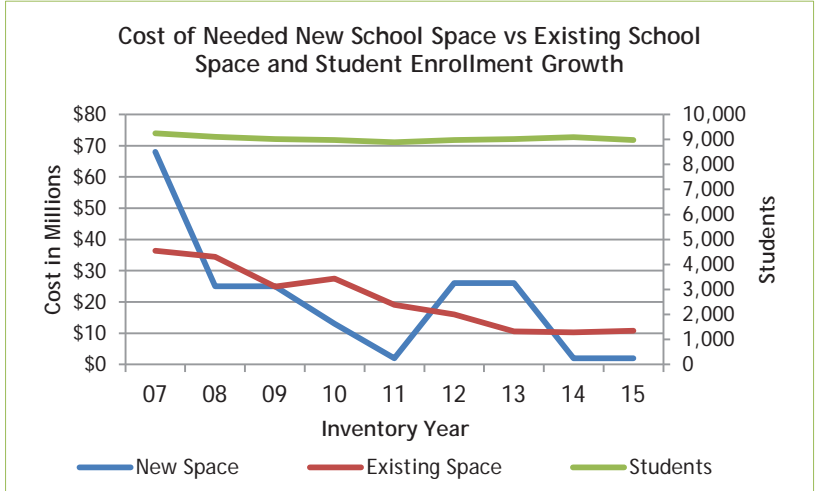


■ = Local  
■ = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Coffee County

Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 72,632,000	\$ 37,912,749
Law Enforcement	38,090,000	1,300,000
Water and Wastewater	19,000,000	9,150,000
School Renovations	4,519,708	6,310,407
Public Buildings	3,000,000	-
New Public Schools & Additions	-	2,000,000
Industrial Sites and Parks	450,000	-
Storm Water	-	370,589
Recreation	-	140,000
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 137,691,708</b>	<b>\$ 57,183,745</b>



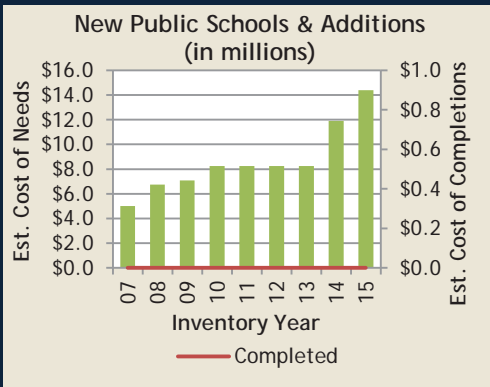
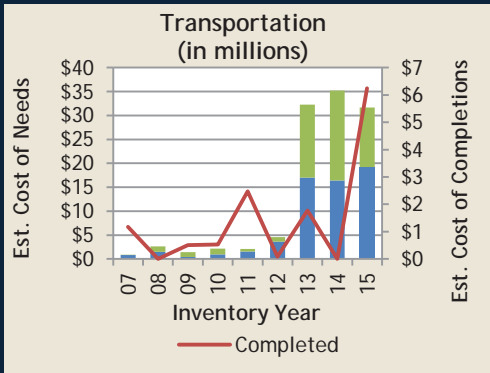
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Crockett County

Total Estimated Cost\* for Infrastructure Improvements

\$54,790,319

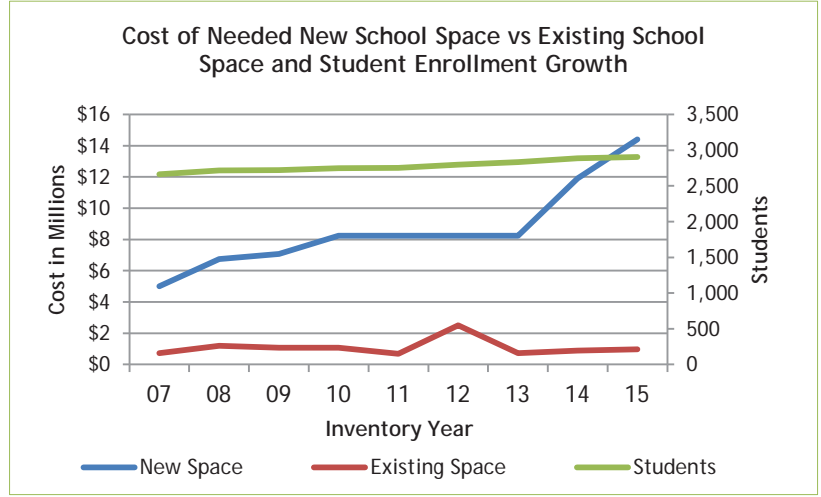
# TOP 3



■ = 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
Transportation	\$ 28,900,000	\$ 2,755,865
New Public Schools & Additions	14,400,000	-
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	-	-
<b>Total</b>	<b>\$ 49,812,726</b>	<b>\$ 4,977,593</b>



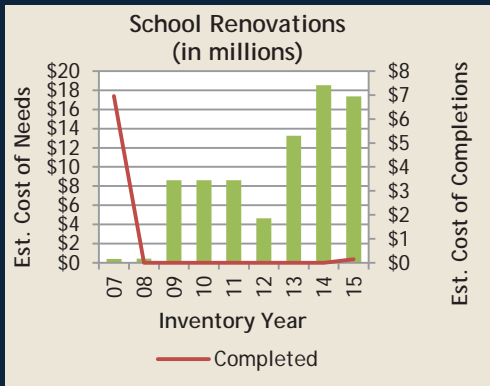
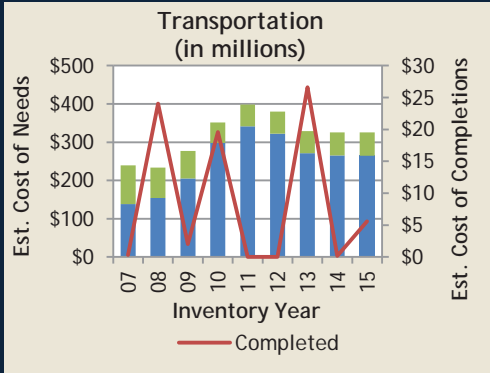
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Cumberland County

Total Estimated Cost\* for Infrastructure Improvements

**\$450,958,747**

### TOP 3

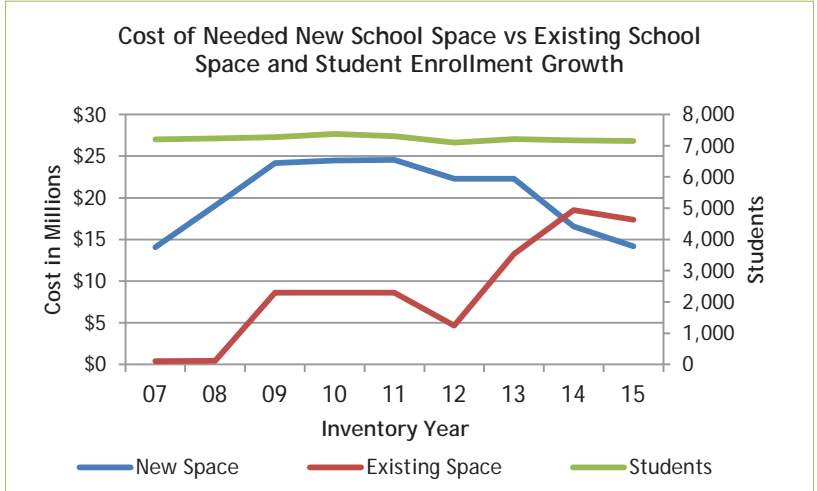


■ = Local  
■ = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Cumberland County

Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 34,748,000	\$ 290,479,197
Water and Wastewater	-	69,950,000
School Renovations	14,390,550	2,981,000
New Public Schools & Additions	14,200,000	-
Industrial Sites and Parks	-	9,500,000
Recreation	7,010,000	-
Business District Development	-	6,000,000
Post-secondary Education	1,000,000	400,000
Storm Water	300,000	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 71,648,550</b>	<b>\$ 379,310,197</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

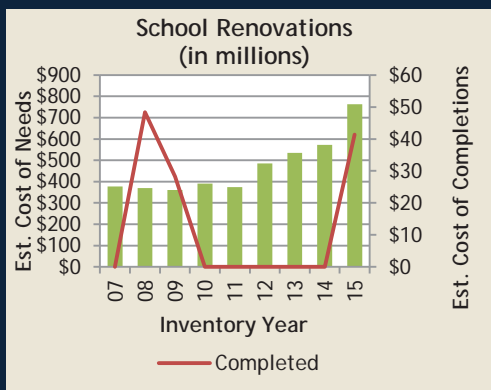
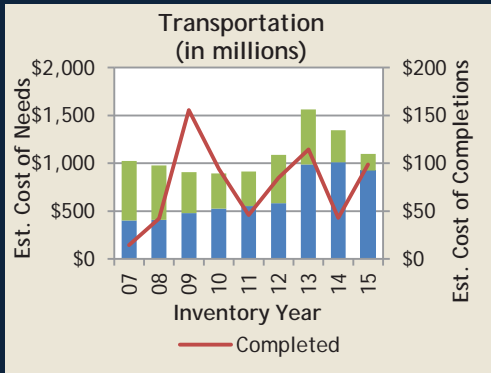


## Davidson County

Total Estimated Cost\* for Infrastructure Improvements

**\$4,559,910,846**

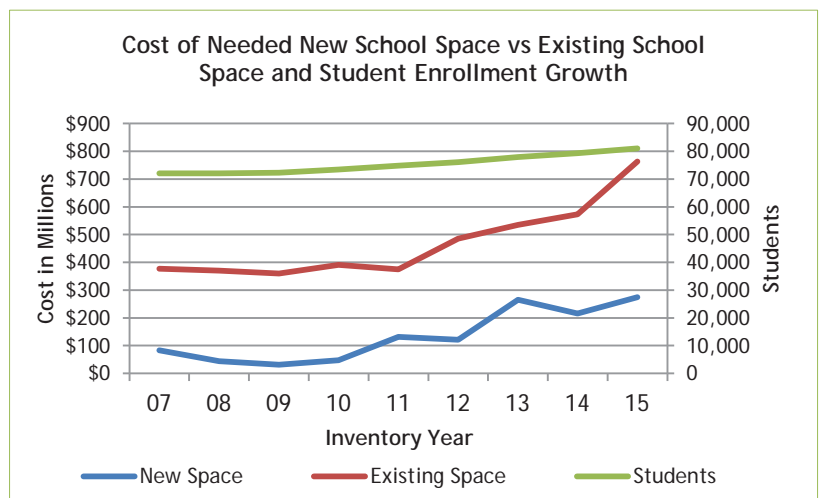
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 2,205,284,953</b>	<b>\$ 2,354,625,893</b>



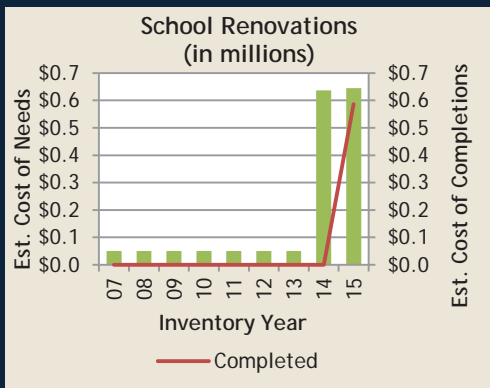
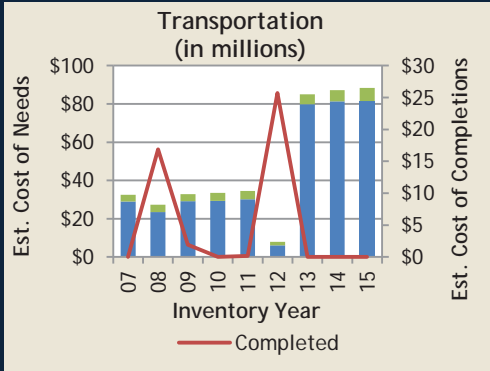
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Decatur County

Total Estimated Cost\* for Infrastructure Improvements

**\$89,679,356**

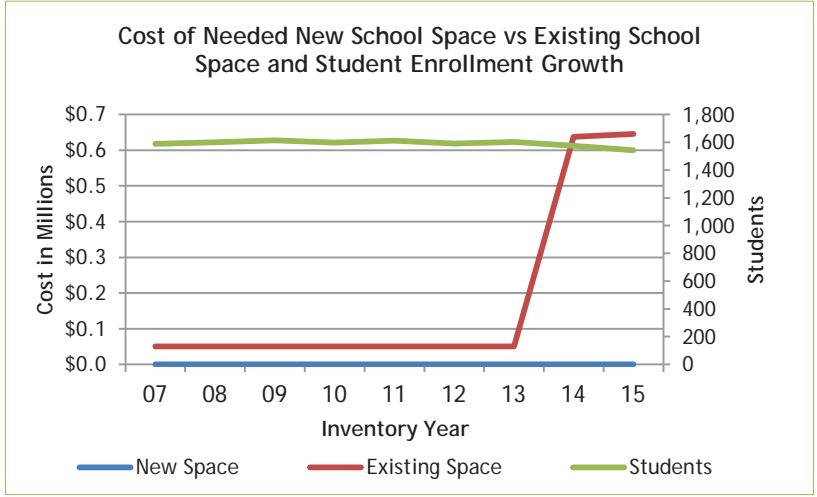
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 85,492,000	\$ 2,792,002
Storm Water	750,000	-
School Renovations	50,000	595,354
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Water and Wastewater	-	-
<b>Total</b>	<b>\$ 86,292,000</b>	<b>\$ 3,387,356</b>



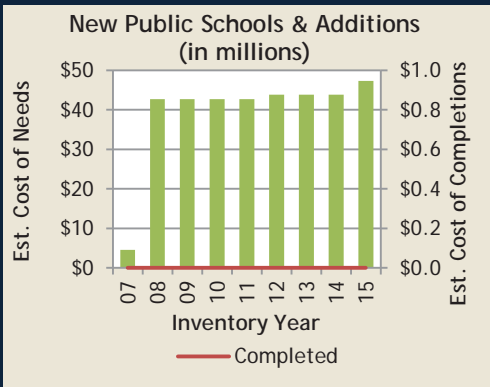
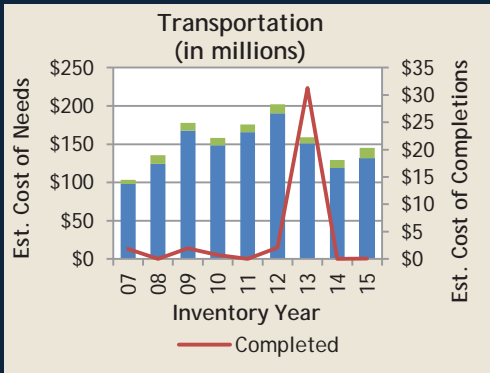
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## DeKalb County

Total Estimated Cost\* for Infrastructure Improvements

**\$224,265,874**

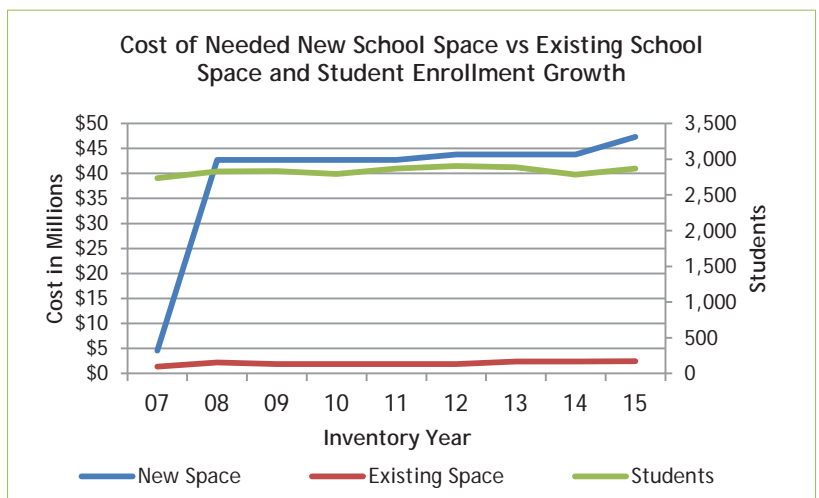
**TOP 3**



■ = 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	1,500,000
Water and Wastewater	7,475,000	16,975,000
Industrial Sites and Parks	4,250,000	-
School Renovations	2,428,000	4,000
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	-	-
<b>Total</b>	<b>\$ 76,623,000</b>	<b>\$ 147,642,874</b>



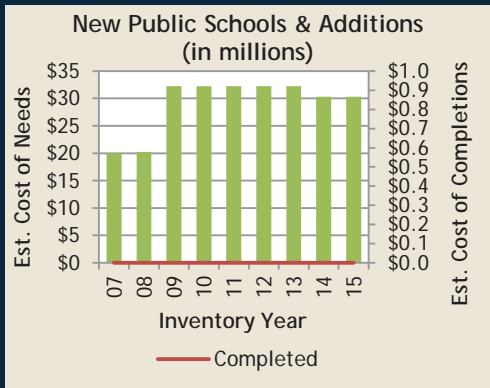
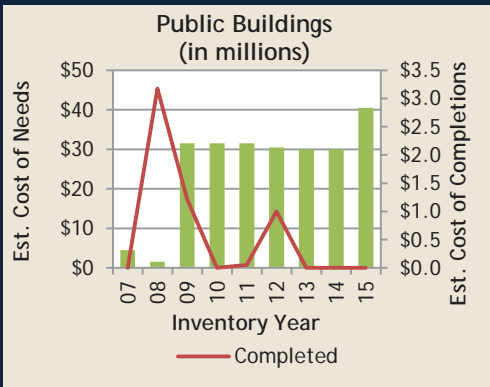
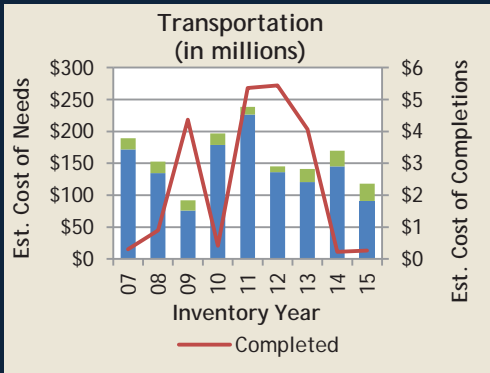
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Dickson County

Total Estimated Cost\* for Infrastructure Improvements

\$241,623,874

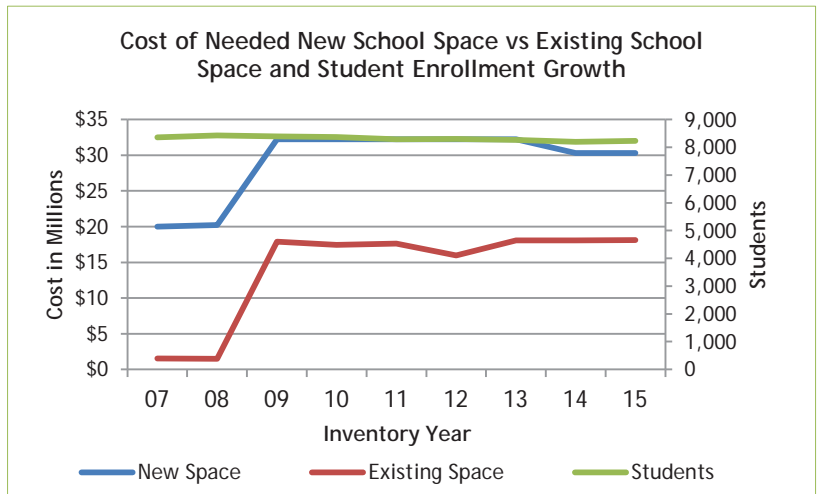
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 59,742,000	\$ 58,141,761
Public Buildings	40,500,000	-
New Public Schools & Additions	4,241,620	26,061,050
Recreation	15,350,000	3,750,000
School Renovations	13,252,948	4,880,000
Water and Wastewater	500,000	8,000,000
Solid Waste	3,000,000	-
Business District Development	-	2,704,495
Fire Protection	-	1,000,000
Libraries, Museums, & Historic Sites	-	500,000
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 136,586,568</b>	<b>\$ 105,037,306</b>



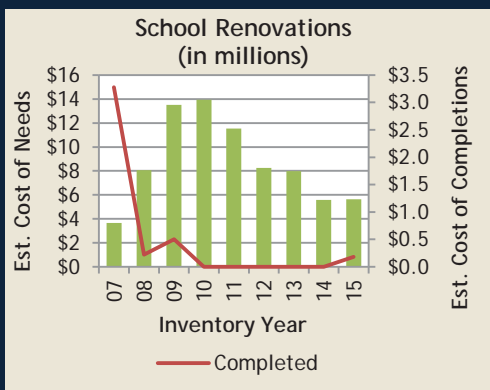
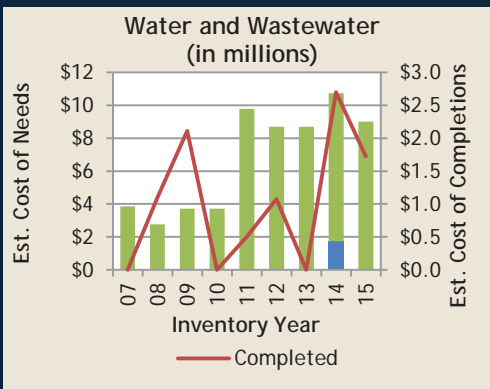
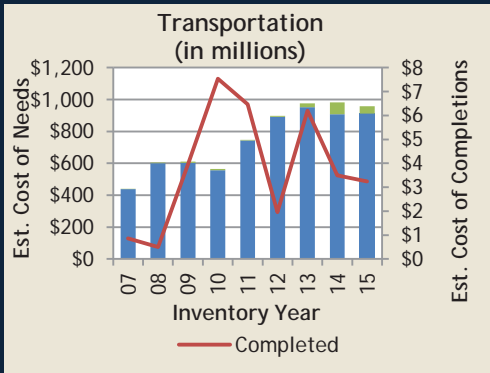
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Dyer County

Total Estimated Cost\* for Infrastructure Improvements

**\$984,591,027**

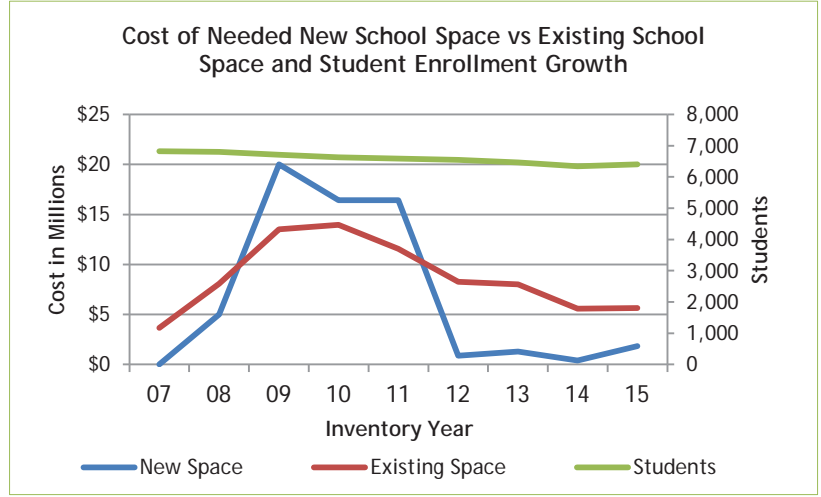
## TOP 3



■ = 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	-	-
<b>Total</b>	<b>\$ 785,748,884</b>	<b>\$ 198,842,143</b>

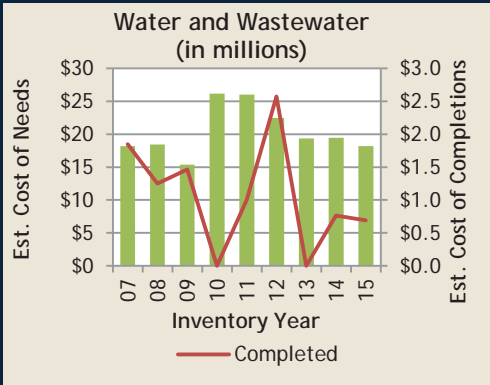
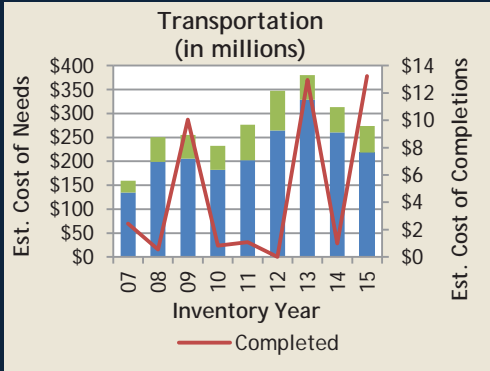


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Fayette County

Total Estimated Cost\* for Infrastructure Improvements  
\$305,407,995

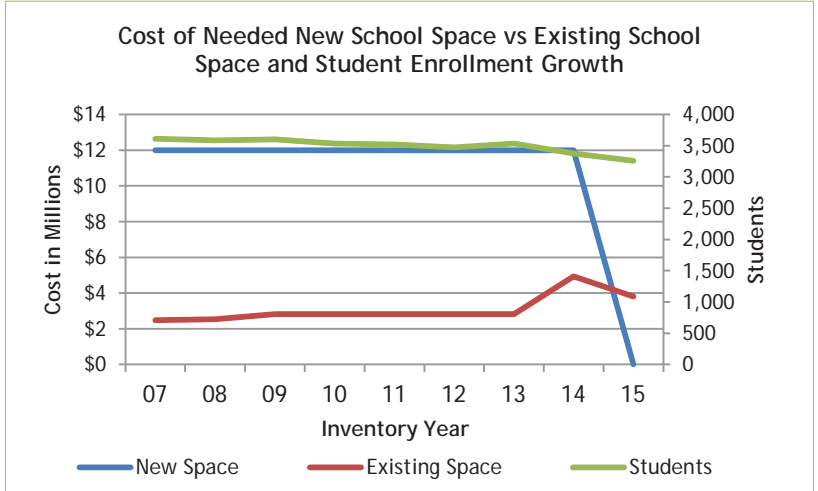
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 81,267,000	\$ 192,794,383
Water and Wastewater	14,080,365	4,116,247
Law Enforcement	2,660,000	1,200,000
School Renovations	3,810,000	-
Post-secondary Education	3,000,000	-
Storm Water	-	900,000
Recreation	700,000	-
Housing	450,000	-
Other Utilities	-	430,000
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 105,967,365</b>	<b>\$ 199,440,630</b>



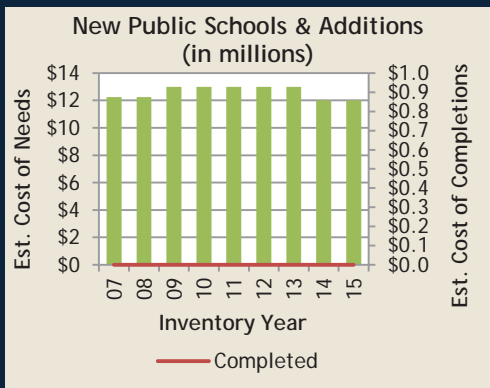
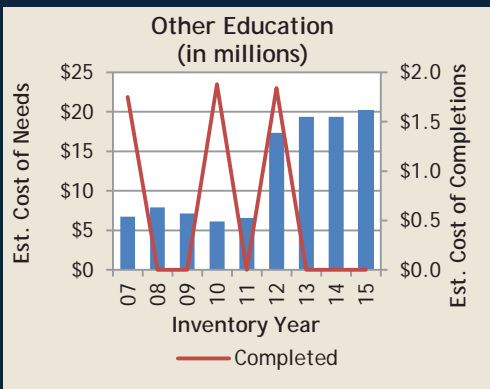
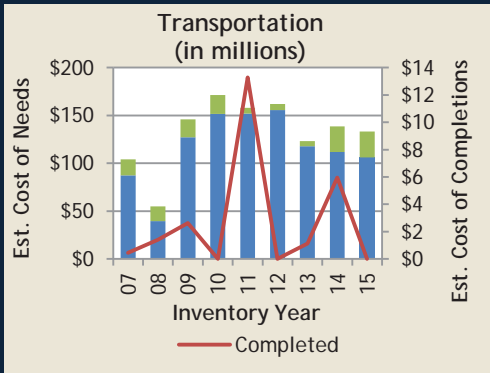
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Fentress County

Total Estimated Cost\* for Infrastructure Improvements

**\$183,968,695**

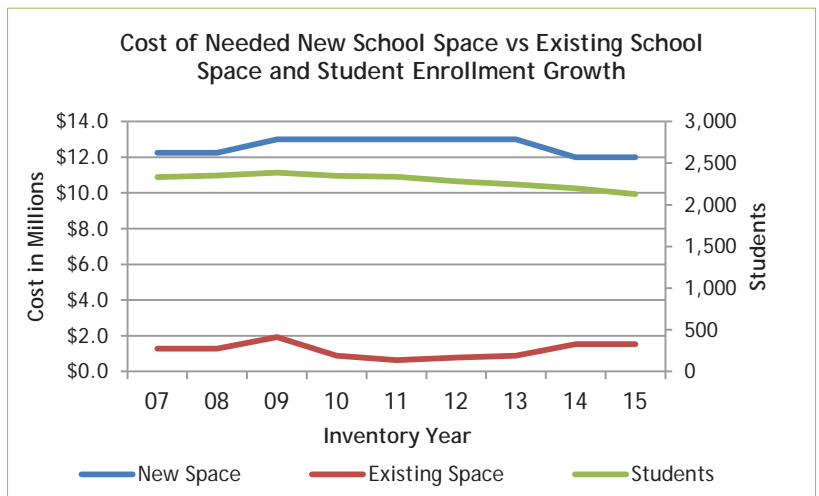
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 66,161,000</b>	<b>\$ 117,807,695</b>



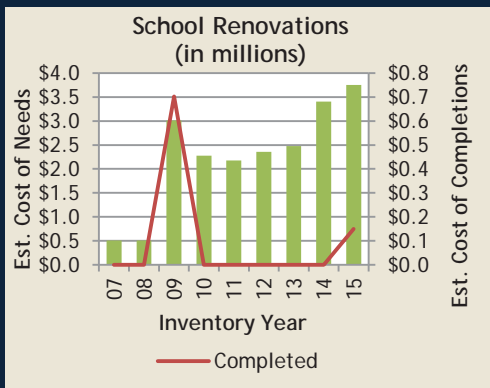
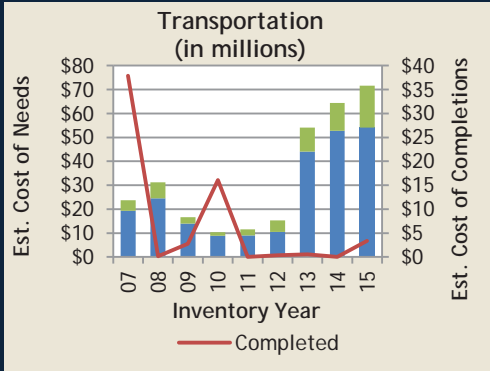
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Franklin County

Total Estimated Cost\* for Infrastructure Improvements

\$87,227,152

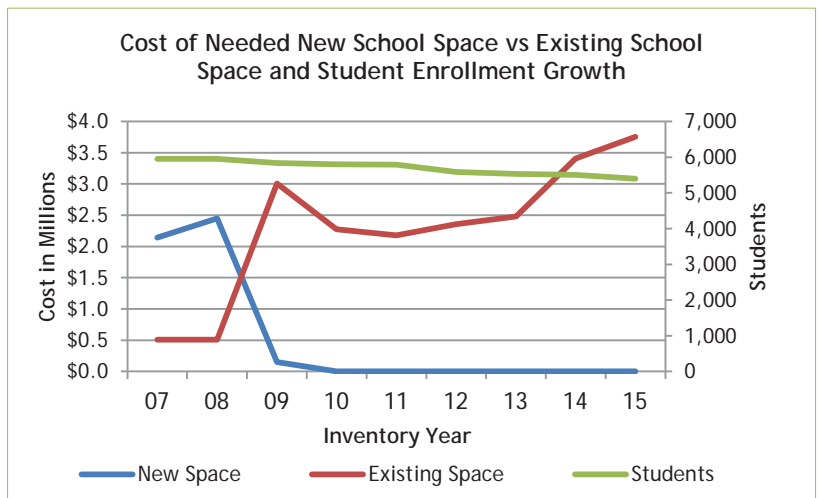
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 34,487,000	\$ 37,135,152
Recreation	2,650,000	3,550,000
School Renovations	3,755,000	-
Water and Wastewater	2,900,000	-
Post-secondary Education	-	2,000,000
Law Enforcement	-	750,000
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 43,792,000</b>	<b>\$ 43,435,152</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

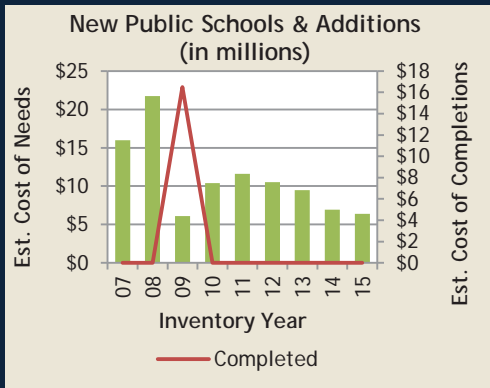
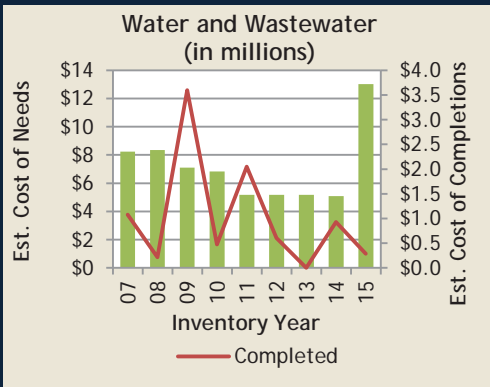
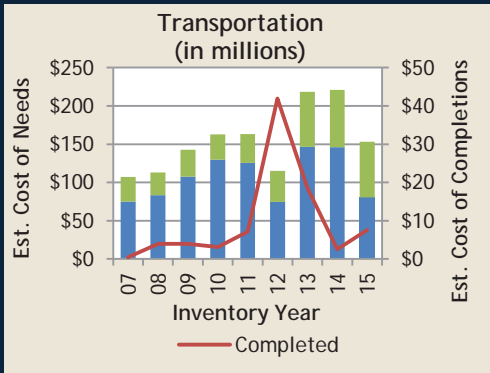


## Gibson County

Total Estimated Cost\* for Infrastructure Improvements

**\$187,721,199**

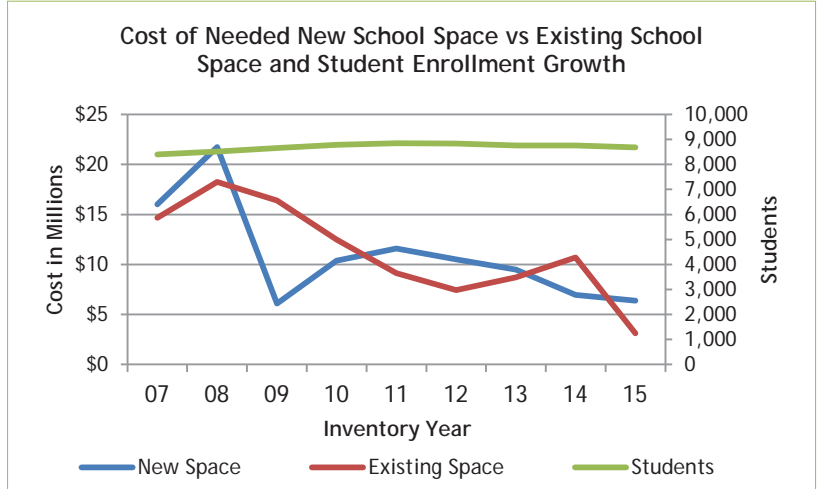
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 101,958,025</b>	<b>\$ 85,763,174</b>

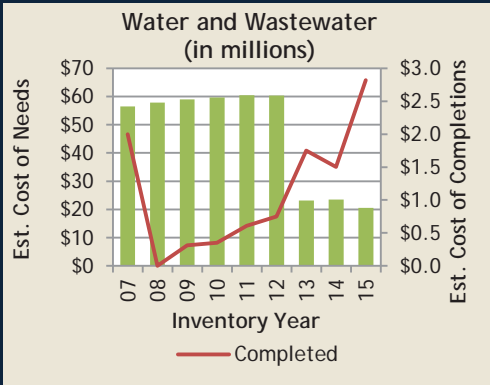
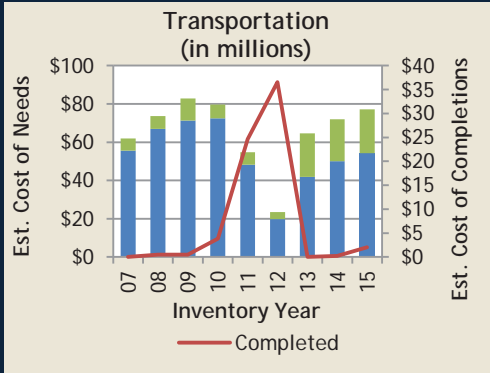


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Giles County

Total Estimated Cost\* for Infrastructure Improvements  
**\$108,750,467**

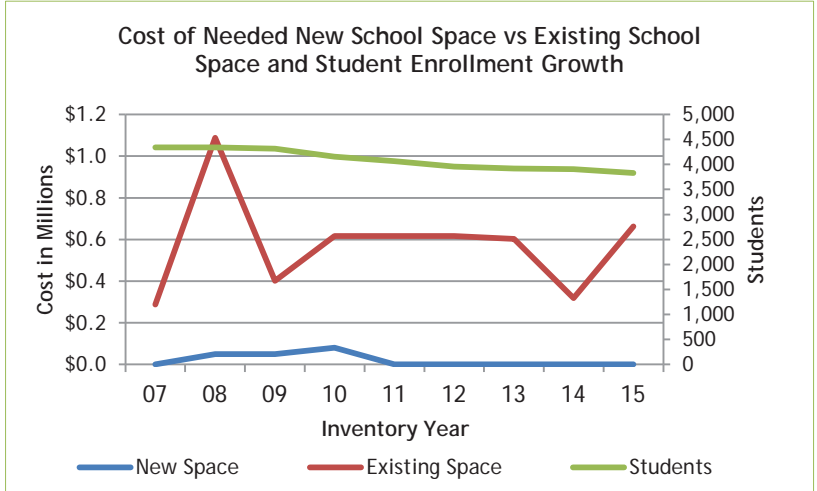
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 48,038,000	\$ 29,118,412
Water and Wastewater	5,050,000	15,546,200
Community Development	1,000,000	3,214,855
Recreation	3,400,000	415,000
Other Utilities	-	1,000,000
Storm Water	-	805,000
School Renovations	605,000	58,000
Public Buildings	250,000	250,000
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 58,343,000</b>	<b>\$ 50,407,467</b>



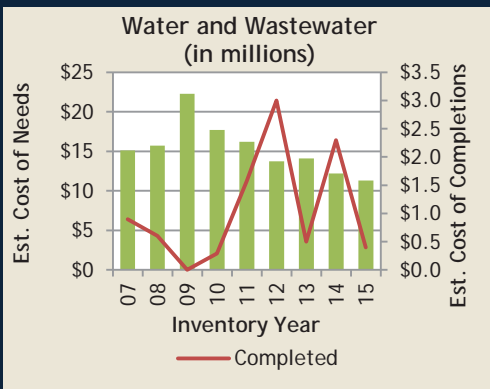
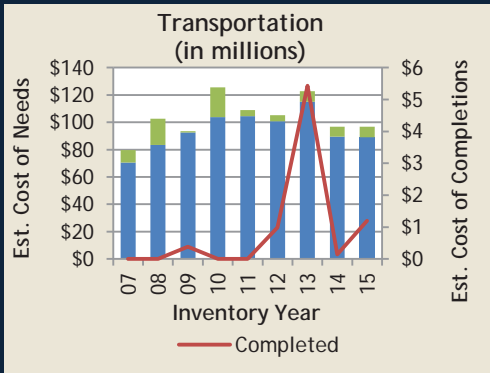
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Grainger County

Total Estimated Cost\* for Infrastructure Improvements

\$109,180,916

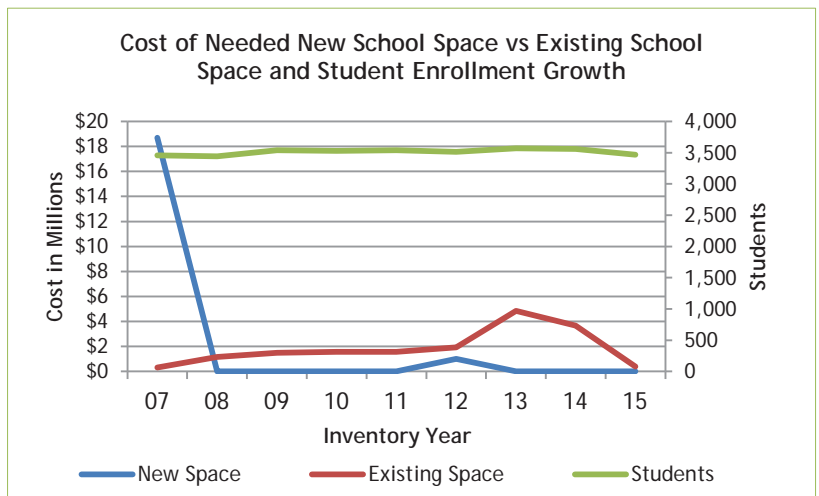
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 33,296,700</b>	<b>\$ 75,884,216</b>



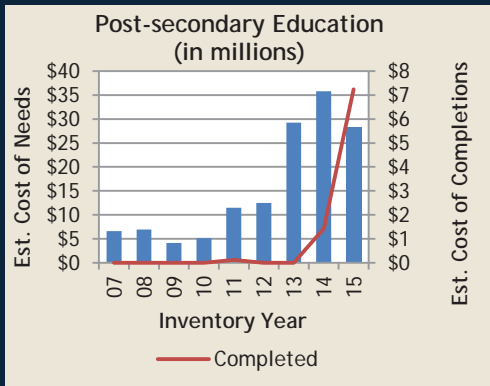
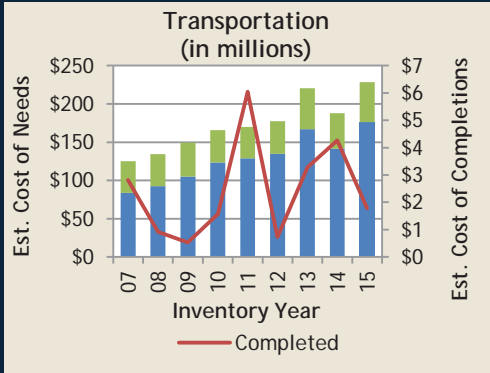
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Greene County

Total Estimated Cost\* for Infrastructure Improvements

**\$426,038,655**

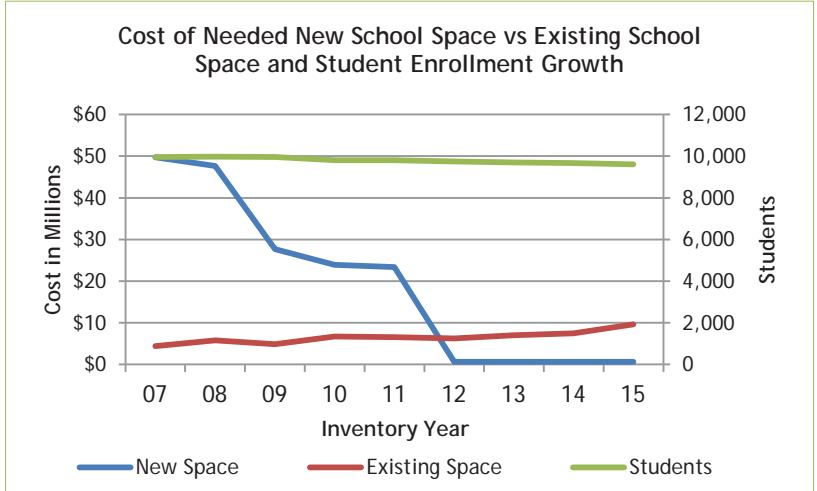
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 106,919,000	\$ 121,606,042
Water and Wastewater	63,442,000	12,155,700
Post-secondary Education	-	28,178,285
Storm Water	25,500,000	-
Other Utilities	8,800,000	7,000,000
Law Enforcement	12,000,000	-
School Renovations	7,169,000	2,460,128
Libraries, Museums, & Historic Sites	7,320,000	220,000
Fire Protection	6,250,000	700,000
Industrial Sites and Parks	6,000,000	-
Public Health Facilities	2,850,000	-
Recreation	620,000	2,119,500
Community Development	1,500,000	500,000
Housing	800,000	-
Public Buildings	779,000	-
New Public Schools & Additions	600,000	-
Other Facilities	550,000	-
Business District Development	-	-
Other Education	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 251,099,000</b>	<b>\$ 174,939,655</b>



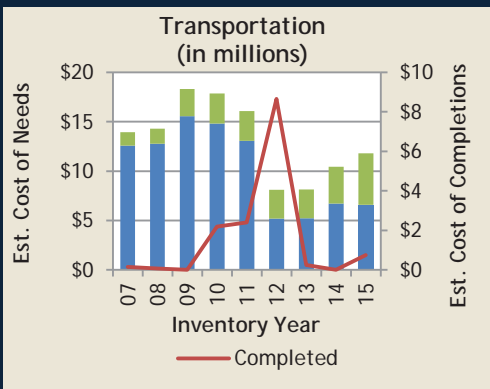
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Grundy County

Total Estimated Cost\* for Infrastructure Improvements

\$41,648,503

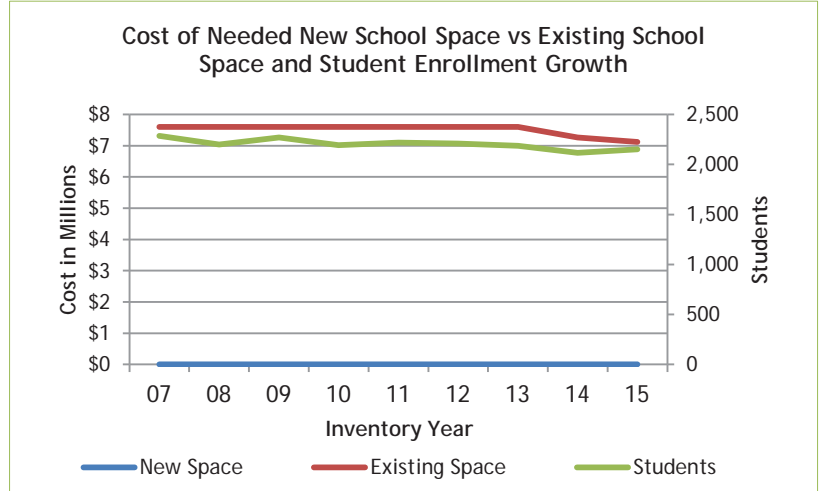
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Water and Wastewater	\$ 11,475,000	\$ 1,161,403
Transportation	9,037,779	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	-	-
<b>Total</b>	<b>\$ 28,366,379</b>	<b>\$ 13,282,124</b>



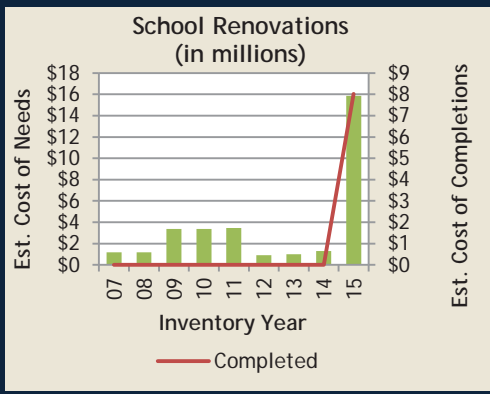
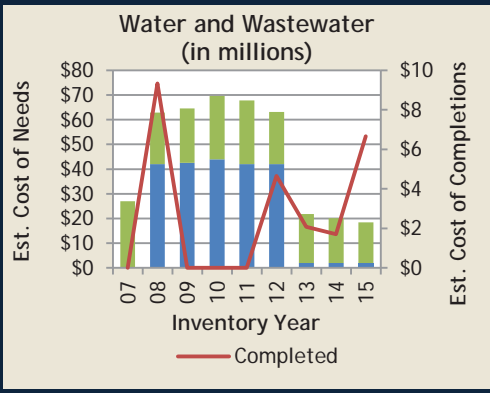
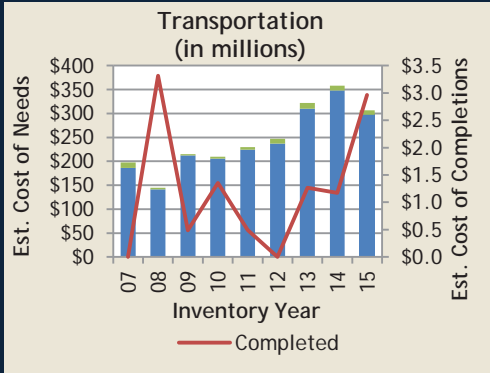
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Hamblen County

Total Estimated Cost\* for Infrastructure Improvements

**\$396,934,406**

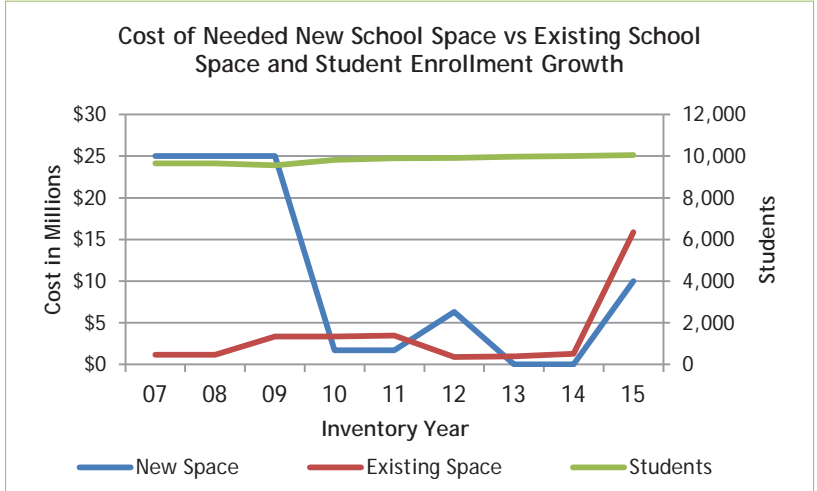
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 89,569,000	\$ 216,952,655
Water and Wastewater	-	18,475,000
School Renovations	3,080,000	12,787,000
Community Development	12,000,000	-
Law Enforcement	10,130,000	-
New Public Schools & Additions	10,000,000	-
Recreation	8,653,000	1,328,035
Other Facilities	-	4,500,000
Fire Protection	4,000,000	-
Other Utilities	-	3,000,000
Post-secondary Education	1,550,000	909,716
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 138,982,000</b>	<b>\$ 257,952,406</b>



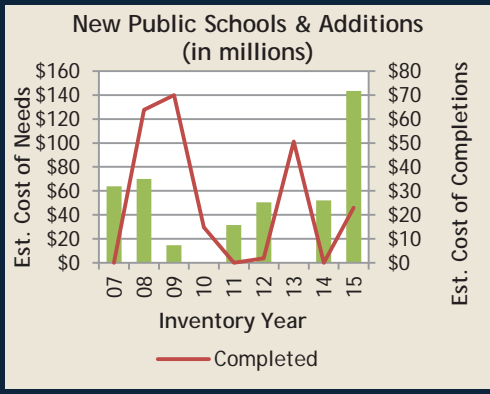
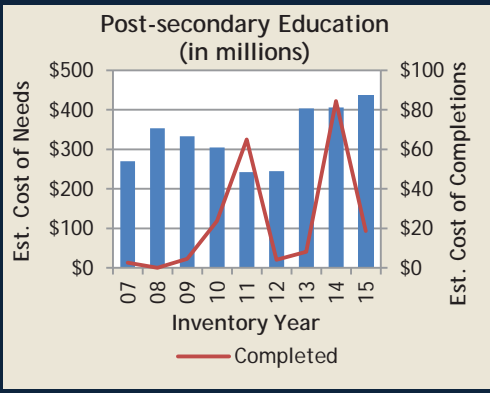
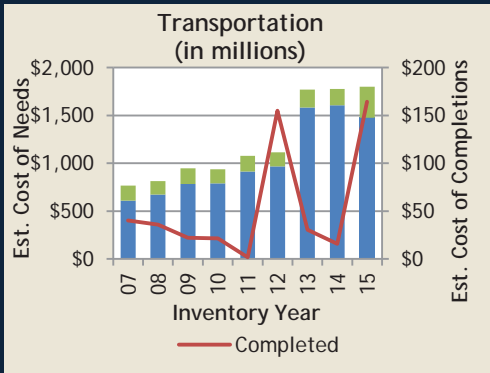
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Hamilton County

Total Estimated Cost\* for Infrastructure Improvements

**\$2,493,344,323**

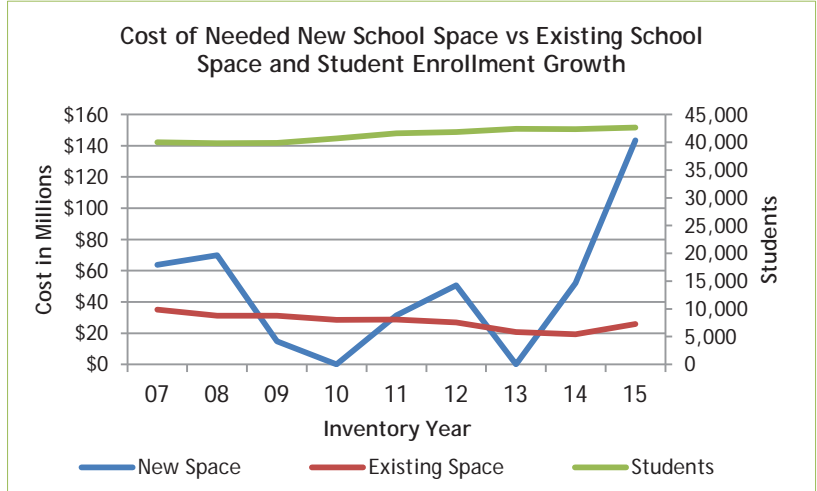
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 875,614,498</b>	<b>\$ 1,617,729,825</b>



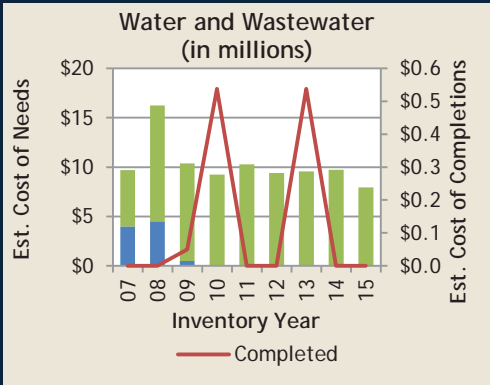
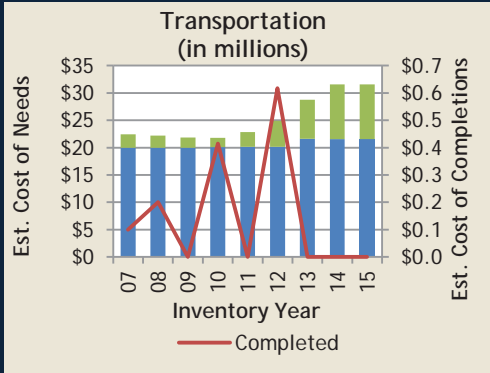
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Hancock County

Total Estimated Cost\* for Infrastructure Improvements

\$44,772,612

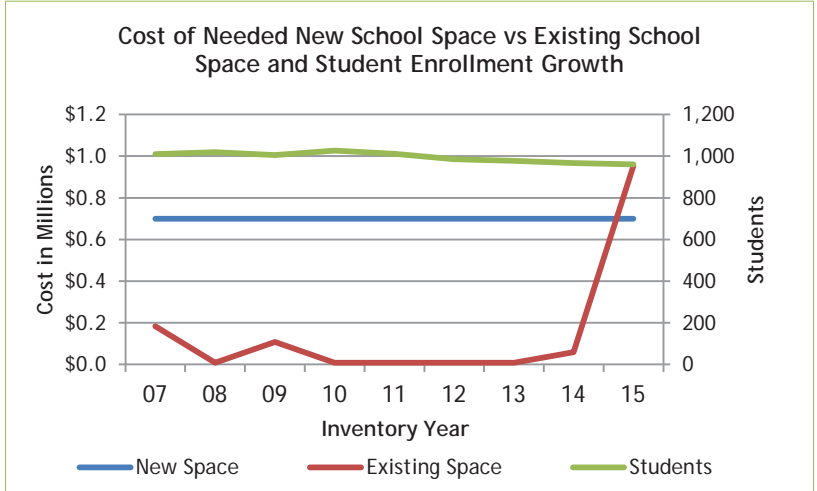
TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 24,915,000	\$ 6,632,409
Water and Wastewater	3,379,645	4,561,588
Recreation	2,175,000	-
School Renovations	895,271	58,400
New Public Schools & Additions	-	700,000
Public Buildings	500,000	122,000
Industrial Sites and Parks	500,000	-
Other Utilities	-	333,299
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 32,364,916</b>	<b>\$ 12,407,696</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

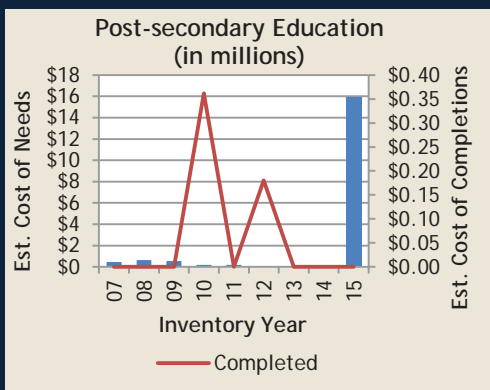
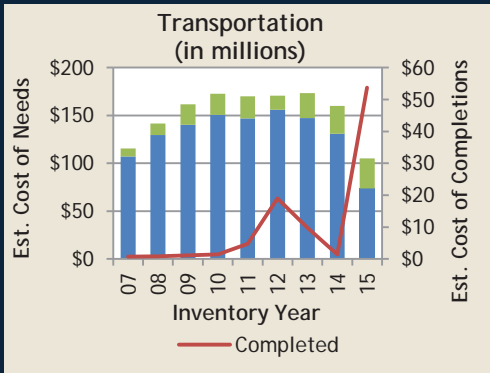


## Hardeman County

Total Estimated Cost\* for Infrastructure Improvements

\$147,273,546

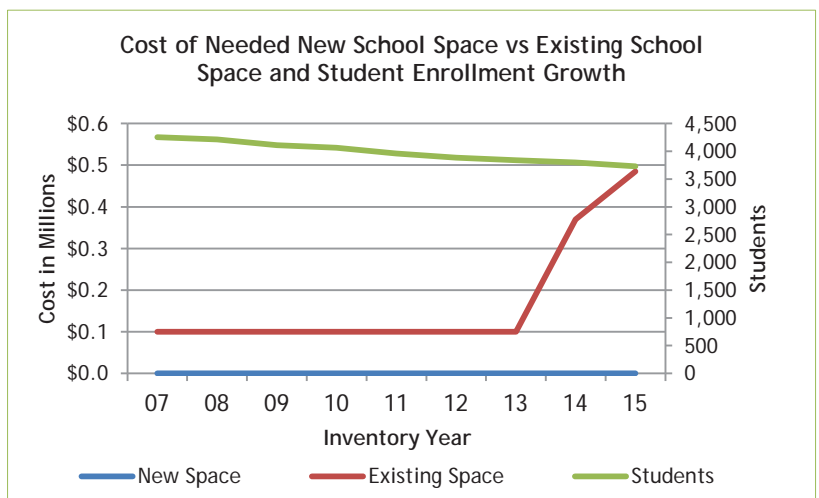
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 69,030,000	\$ 36,079,414
Public Health Facilities	19,850,000	-
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	-	-
<b>Total</b>	<b>\$ 92,345,000</b>	<b>\$ 54,928,546</b>

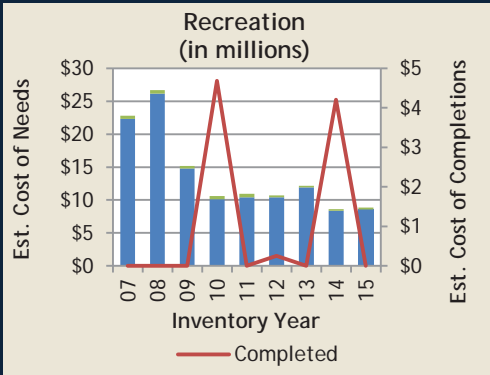
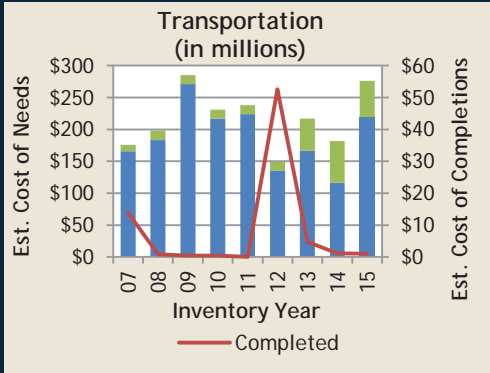


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Hardin County

Total Estimated Cost\* for Infrastructure Improvements  
**\$295,233,991**

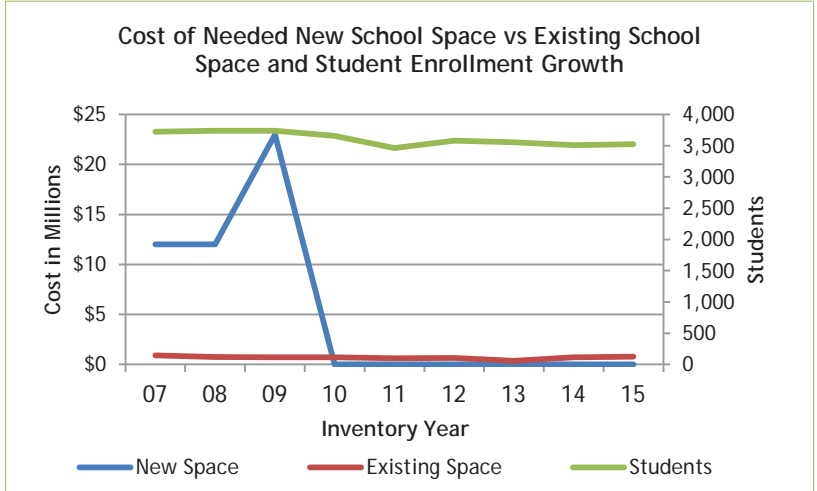
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 150,278,000	\$ 125,828,685
Recreation	4,935,000	3,901,900
Water and Wastewater	605,000	6,200,406
Industrial Sites and Parks	1,000,000	-
School Renovations	350,000	435,000
Libraries, Museums, & Historic Sites	100,000	600,000
Business District Development	500,000	150,000
Fire Protection	350,000	-
Community Development	-	-
Housing	-	-
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	-	-
<b>Total</b>	<b>\$ 158,118,000</b>	<b>\$ 137,115,991</b>



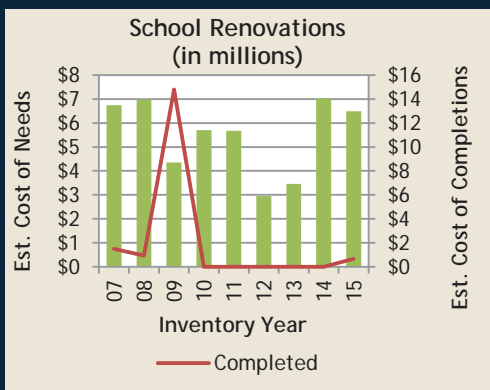
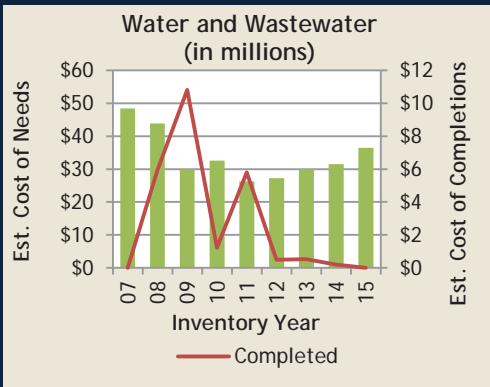
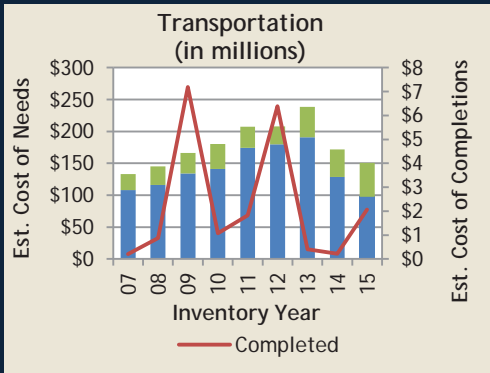
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Hawkins County

Total Estimated Cost\* for Infrastructure Improvements

\$211,261,432

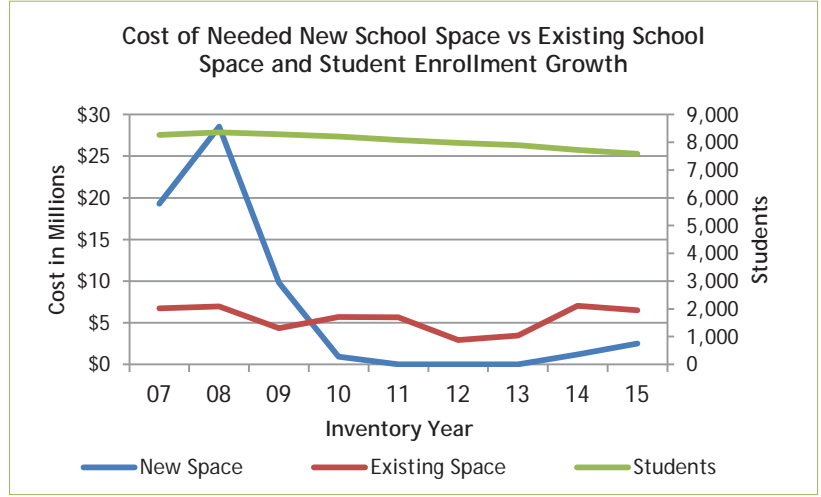
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 148,569,500</b>	<b>\$ 62,691,932</b>



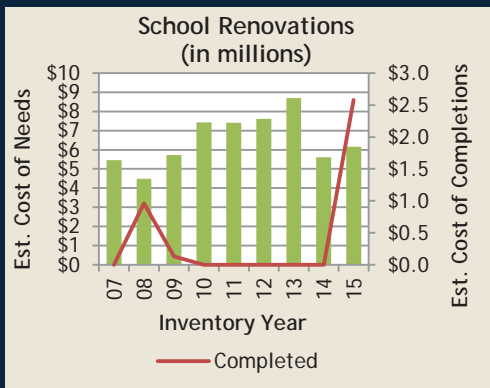
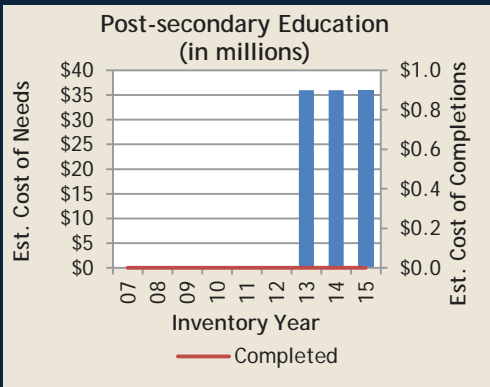
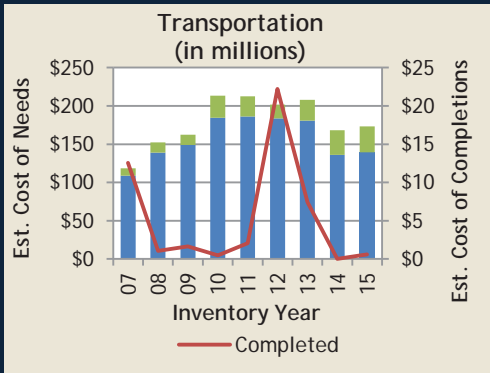
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Haywood County

Total Estimated Cost\* for Infrastructure Improvements

\$221,267,539

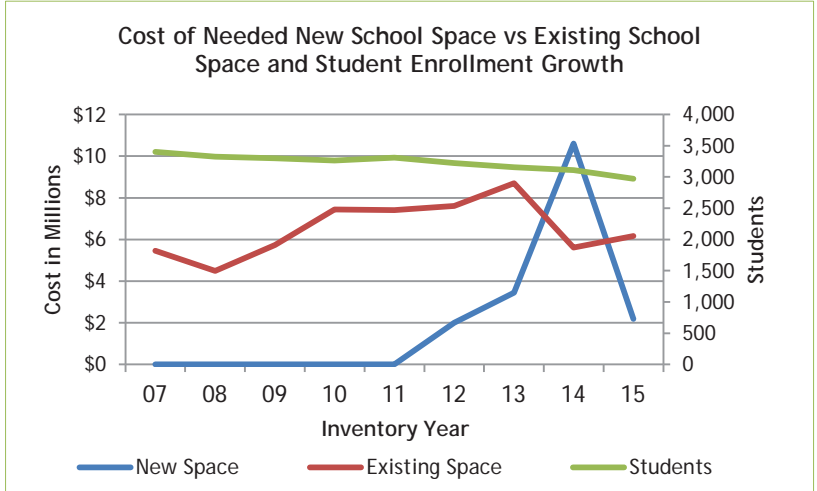
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 79,856,000	\$ 93,379,476
Post-secondary Education	36,000,000	-
School Renovations	4,709,000	1,458,063
Water and Wastewater	3,500,000	-
New Public Schools & Additions	2,190,000	-
Recreation	175,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 126,430,000</b>	<b>\$ 94,837,539</b>



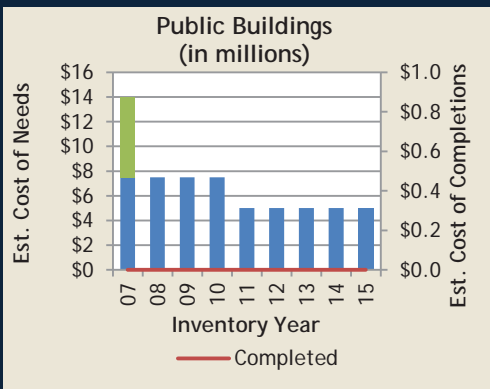
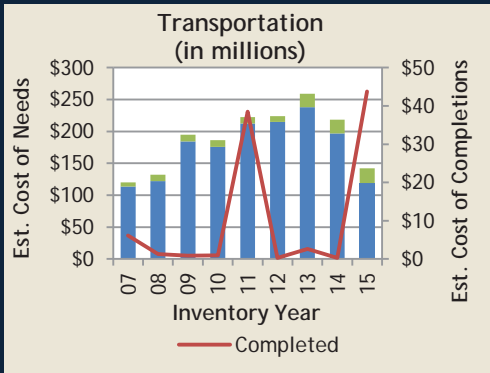
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Henderson County

Total Estimated Cost\* for Infrastructure Improvements

**\$156,437,574**

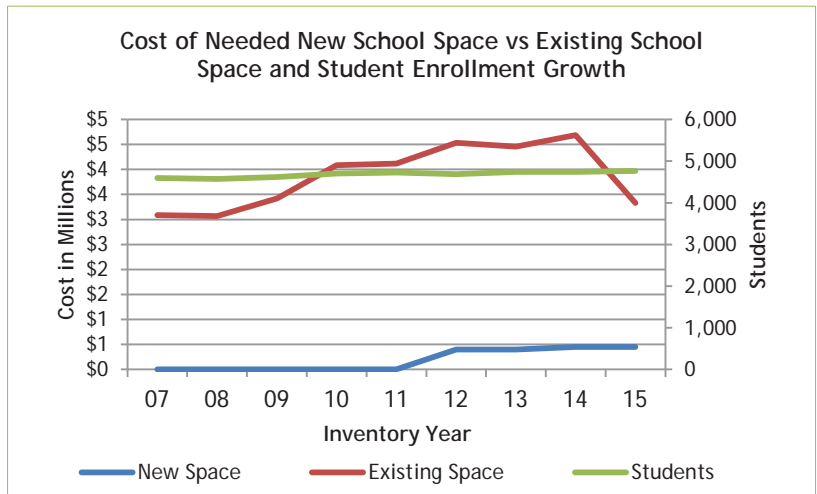
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 46,911,000</b>	<b>\$ 109,526,574</b>



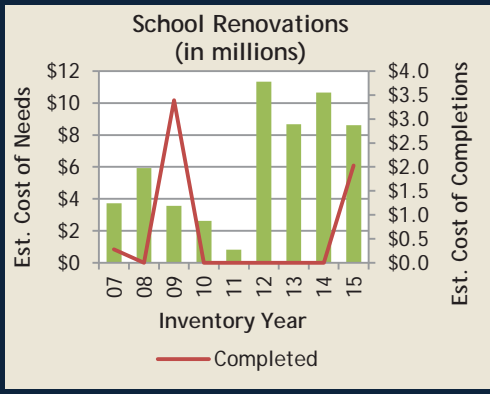
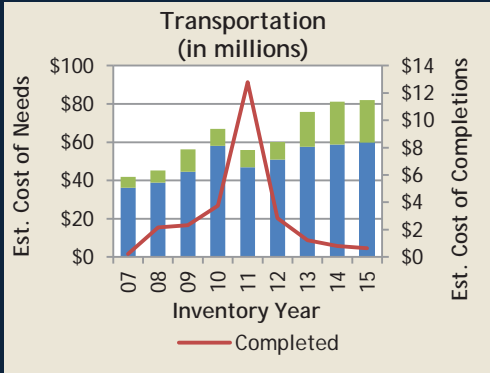
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Henry County

Total Estimated Cost\* for Infrastructure Improvements

\$122,727,686

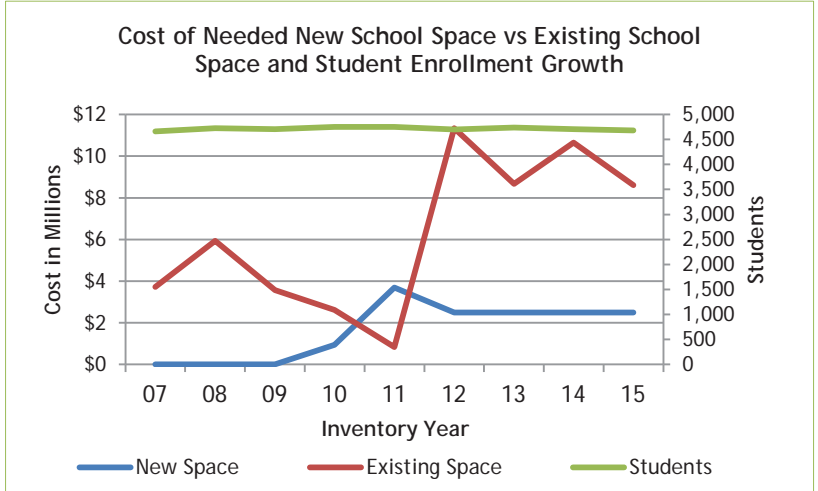
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 30,520,000	\$ 51,458,066
Recreation	25,780,000	500,000
School Renovations	8,000,000	611,654
New Public Schools & Additions	-	2,500,000
Water and Wastewater	337,966	1,585,000
Industrial Sites and Parks	500,000	-
Libraries, Museums, & Historic Sites	-	500,000
Solid Waste	-	350,000
Fire Protection	85,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 65,222,966</b>	<b>\$ 57,504,720</b>



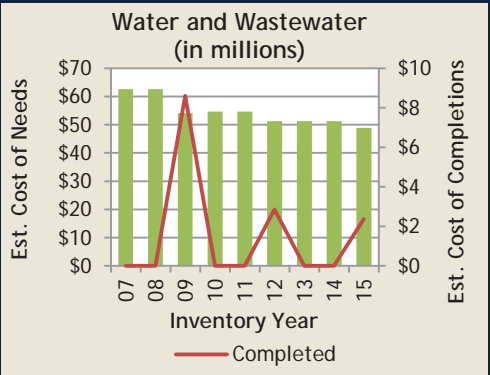
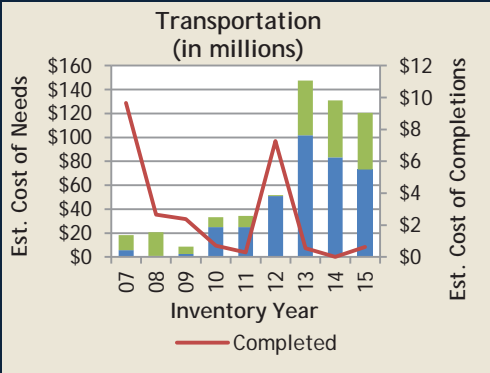
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

# Hickman County

Total Estimated Cost\* for Infrastructure Improvements

\$188,133,735

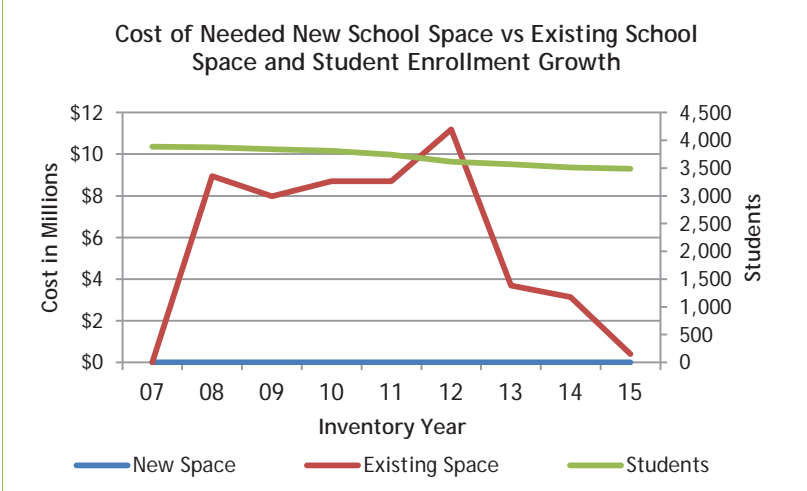
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 141,553,000</b>	<b>\$ 46,580,735</b>



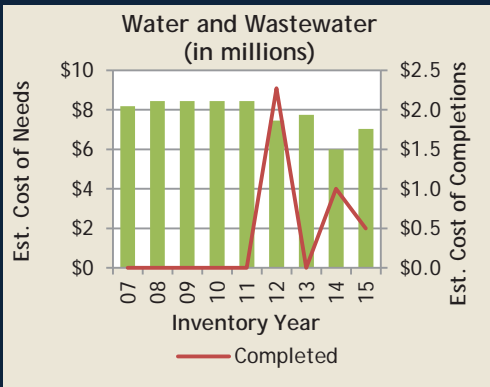
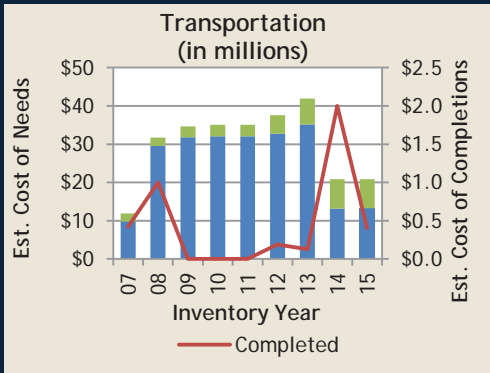
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Houston County

Total Estimated Cost\* for Infrastructure Improvements

\$36,272,000

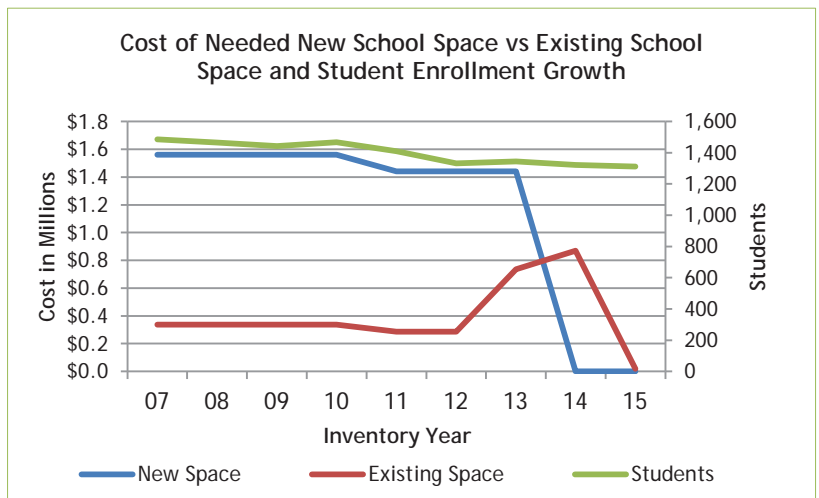
TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 19,760,000	\$ 1,077,000
Water and Wastewater	3,200,000	3,830,000
Public Health Facilities	500,000	1,560,000
Community Development	2,000,000	-
Libraries, Museums, & Historic Sites	-	1,500,000
Recreation	1,300,000	-
Other Facilities	-	975,000
Fire Protection	350,000	-
Public Buildings	50,000	50,000
Solid Waste	-	100,000
School Renovations	-	20,000
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 27,160,000</b>	<b>\$ 9,112,000</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

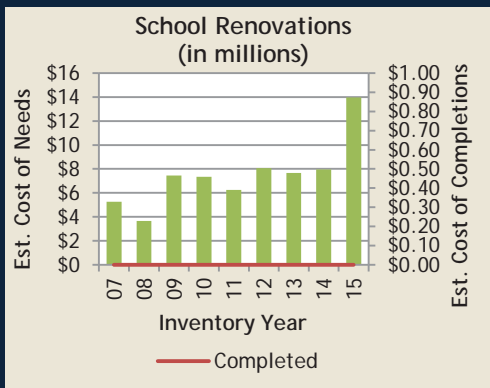
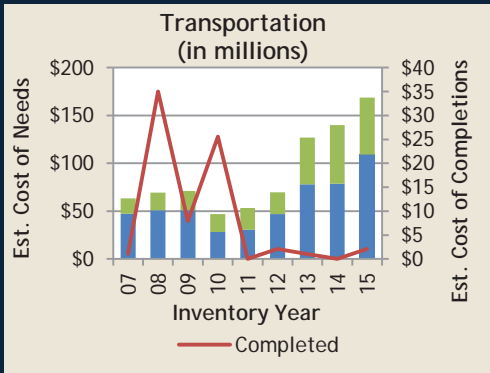


## Humphreys County

Total Estimated Cost\* for Infrastructure Improvements

\$214,095,241

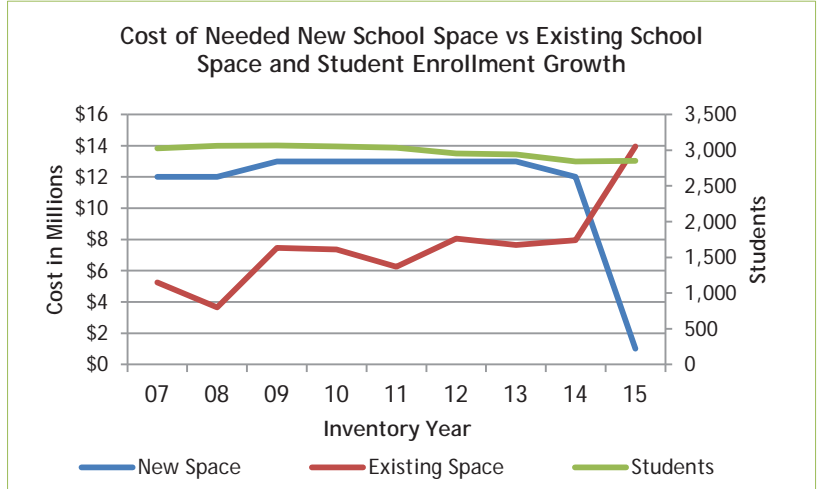
TOP 3



■ = 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	-	-
<b>Total</b>	<b>\$ 156,464,000</b>	<b>\$ 57,631,241</b>



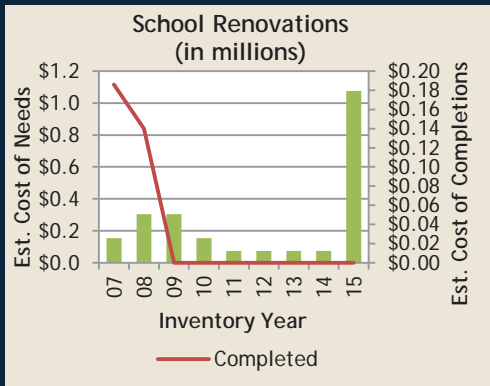
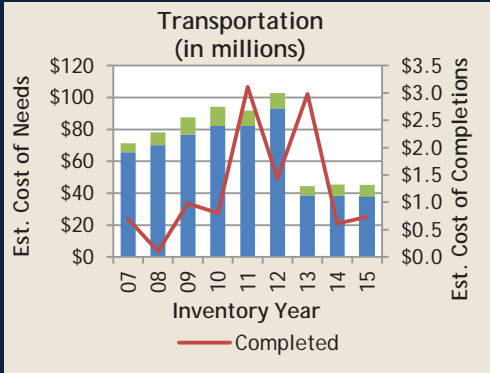
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Jackson County

Total Estimated Cost\* for Infrastructure Improvements

\$64,780,108

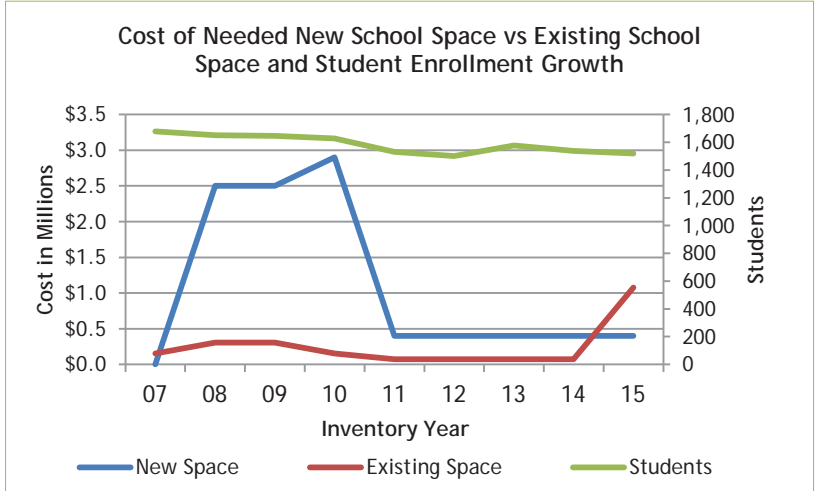
TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 44,249,000	\$ 886,108
Industrial Sites and Parks	1,250,000	15,000,000
School Renovations	625,000	450,000
Community Development	1,050,000	-
Water and Wastewater	500,000	-
New Public Schools & Additions	400,000	-
Law Enforcement	-	300,000
Libraries, Museums, & Historic Sites	-	70,000
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 48,074,000</b>	<b>\$ 16,706,108</b>



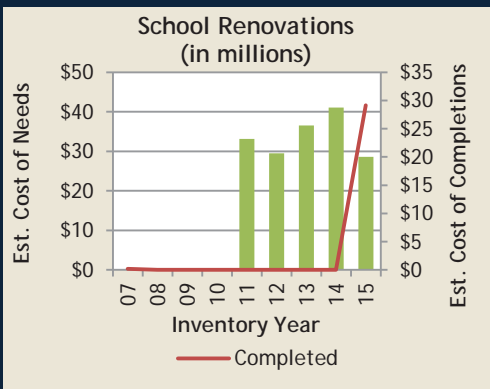
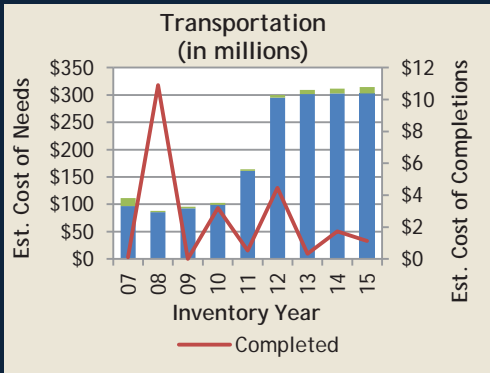
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Jefferson County

Total Estimated Cost\* for Infrastructure Improvements

**\$375,706,233**

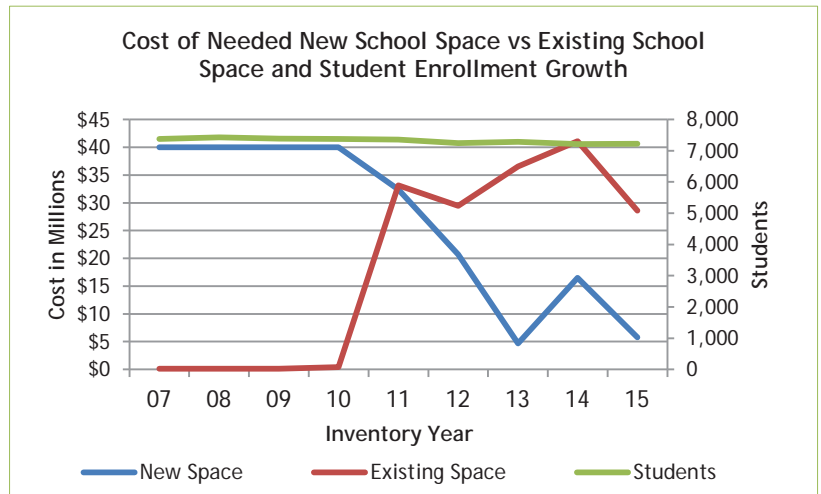
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 95,880,800</b>	<b>\$ 279,825,433</b>



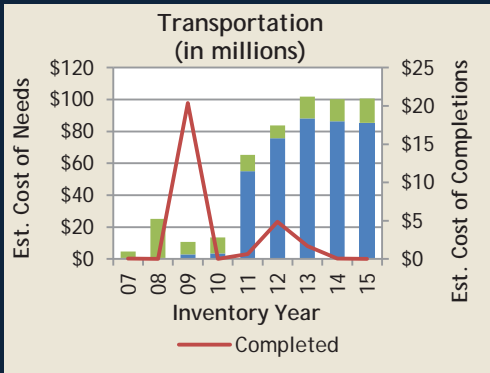
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Johnson County

Total Estimated Cost\* for Infrastructure Improvements

\$123,108,615

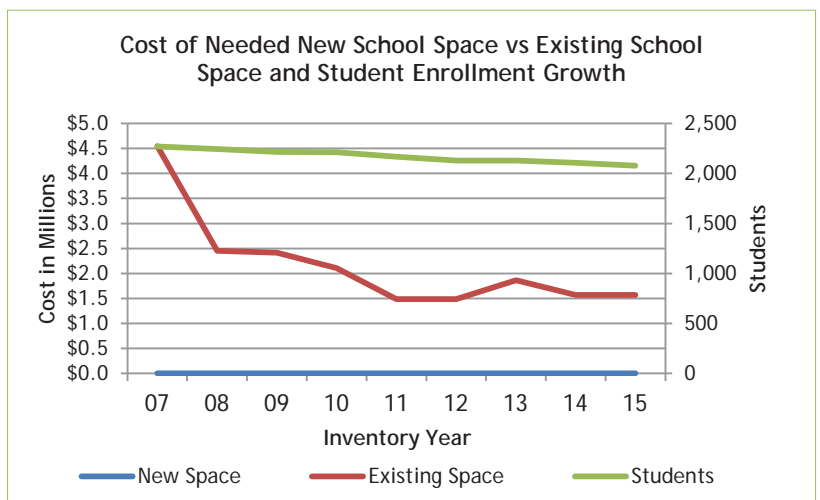
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 21,470,509	\$ 79,068,964
Water and Wastewater	7,140,567	679,000
Recreation	6,437,500	990,266
Industrial Sites and Parks	2,000,000	-
School Renovations	50,000	1,520,525
Fire Protection	1,400,000	-
Storm Water	1,000,000	-
Law Enforcement	667,284	-
Other Facilities	300,000	-
Solid Waste	250,000	-
Libraries, Museums, & Historic Sites	-	134,000
Business District Development	-	-
Community Development	-	-
Housing	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
<b>Total</b>	<b>\$ 40,715,860</b>	<b>\$ 82,392,755</b>

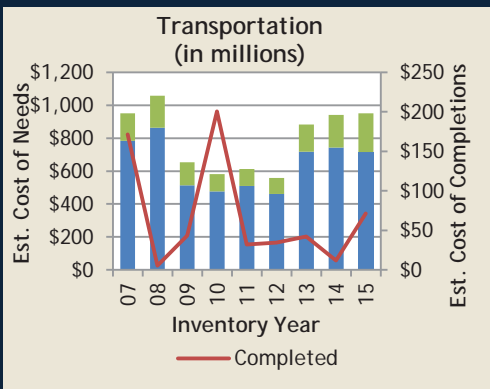
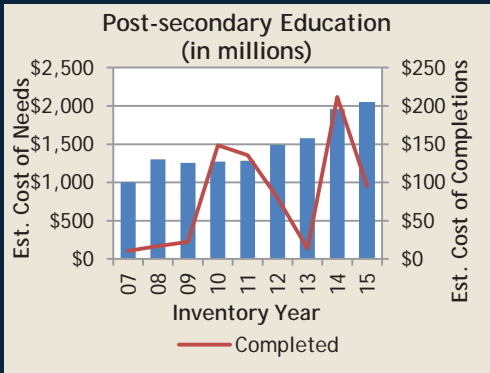


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Knox County

Total Estimated Cost\* for Infrastructure Improvements  
\$3,450,422,046

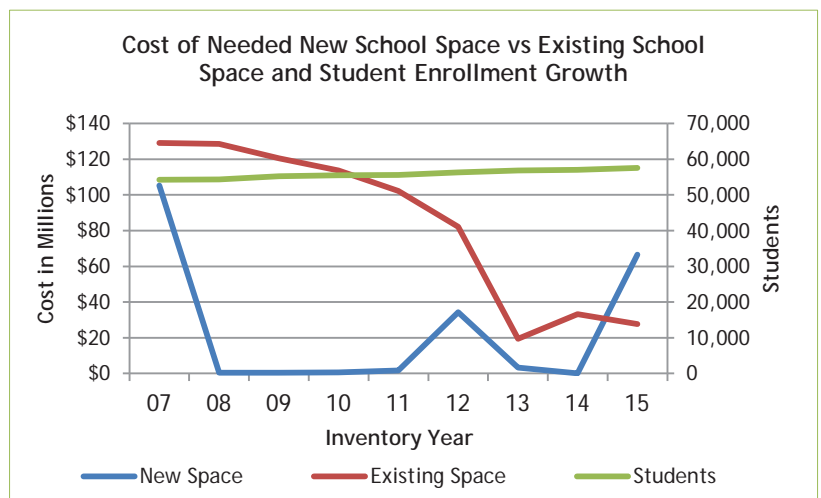
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 1,309,672,857</b>	<b>\$ 2,140,749,189</b>



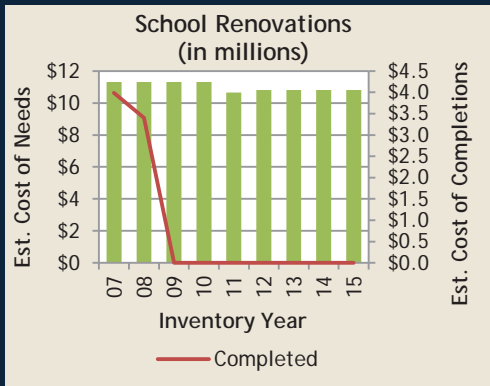
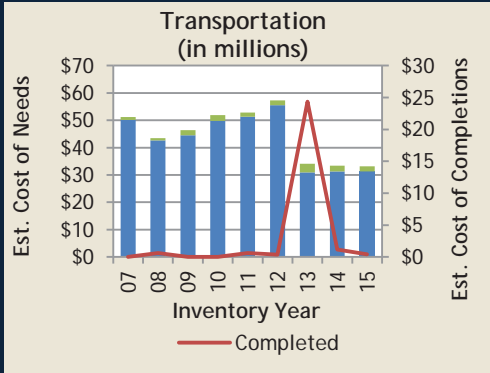
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Lake County

Total Estimated Cost\* for Infrastructure Improvements

**\$65,347,312**

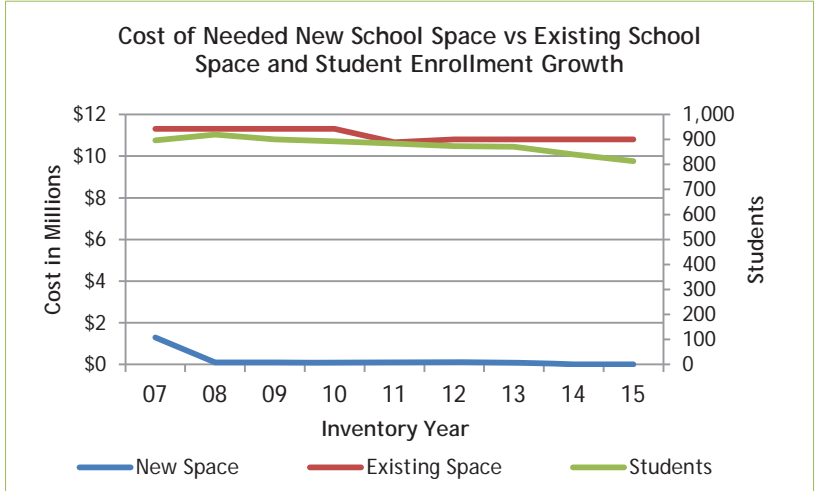
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 1,593,000	\$ 31,559,312
Law Enforcement	-	11,400,000
School Renovations	10,660,000	150,000
Recreation	-	4,390,000
Public Buildings	3,200,000	60,000
Water and Wastewater	320,000	915,000
Community Development	700,000	-
Other Facilities	200,000	-
Storm Water	150,000	-
Fire Protection	50,000	-
Business District Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 16,873,000</b>	<b>\$ 48,474,312</b>



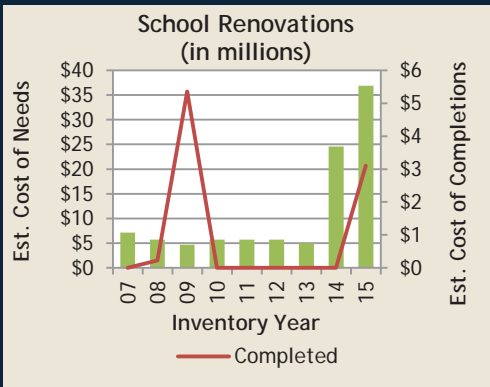
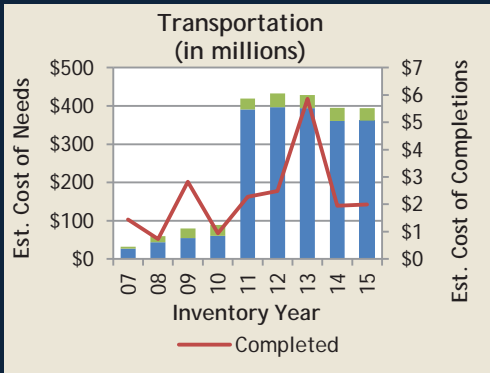
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Lauderdale County

Total Estimated Cost\* for Infrastructure Improvements

**\$444,527,907**

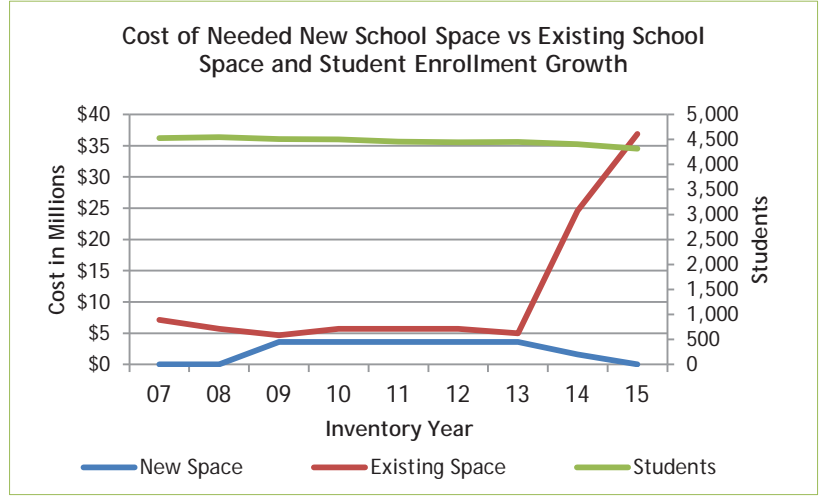
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 79,969,561</b>	<b>\$ 364,558,346</b>



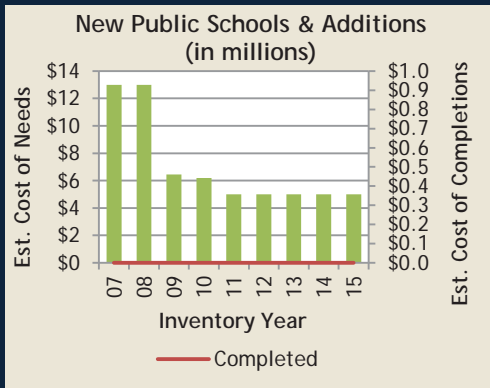
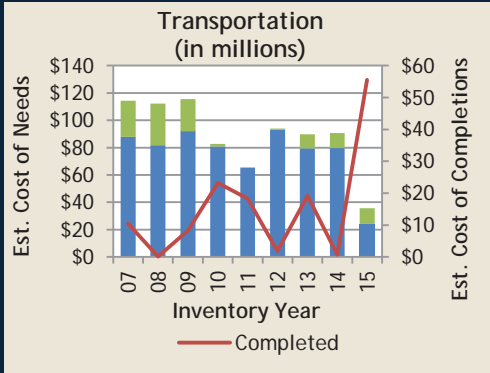
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Lawrence County

Total Estimated Cost\* for Infrastructure Improvements

\$55,706,448

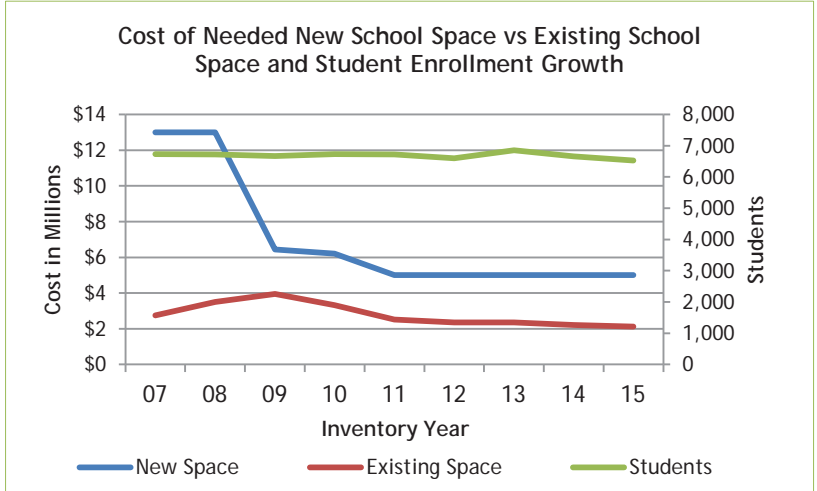
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 21,865,000	\$ 13,849,599
Law Enforcement	5,610,000	-
New Public Schools & Additions	5,000,000	-
Recreation	4,010,000	-
School Renovations	1,400,000	716,849
Water and Wastewater	1,000,000	1,085,000
Fire Protection	850,000	-
Solid Waste	-	320,000
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 39,735,000</b>	<b>\$ 15,971,448</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

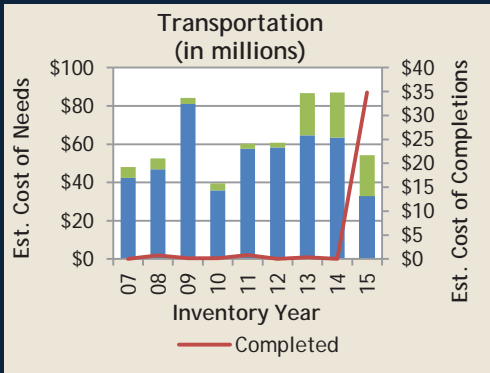


## Lewis County

Total Estimated Cost\* for Infrastructure Improvements

**\$61,988,202**

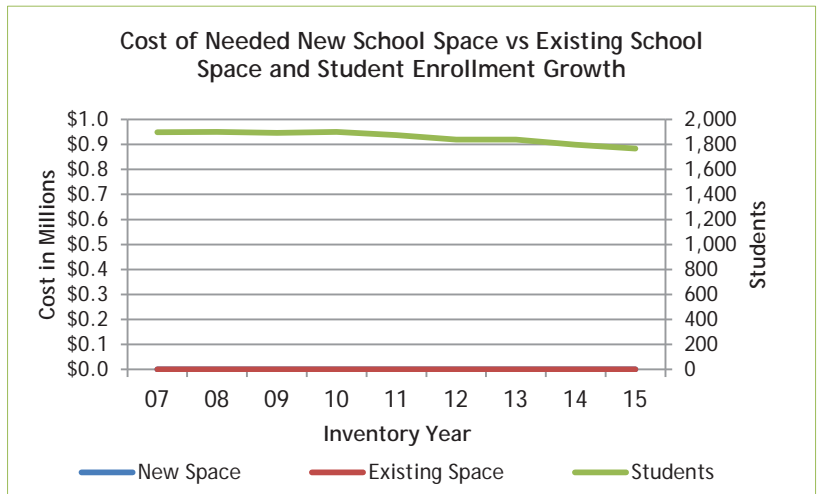
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 28,381,000</b>	<b>\$ 33,607,202</b>



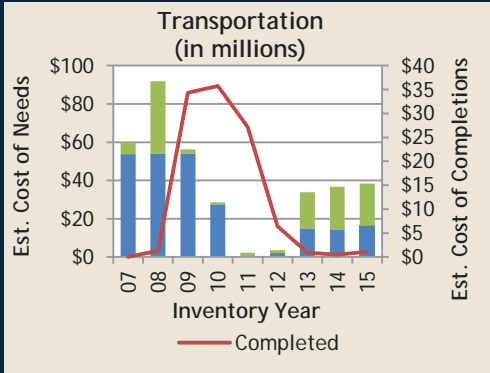
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Lincoln County

Total Estimated Cost\* for Infrastructure Improvements

\$61,724,929

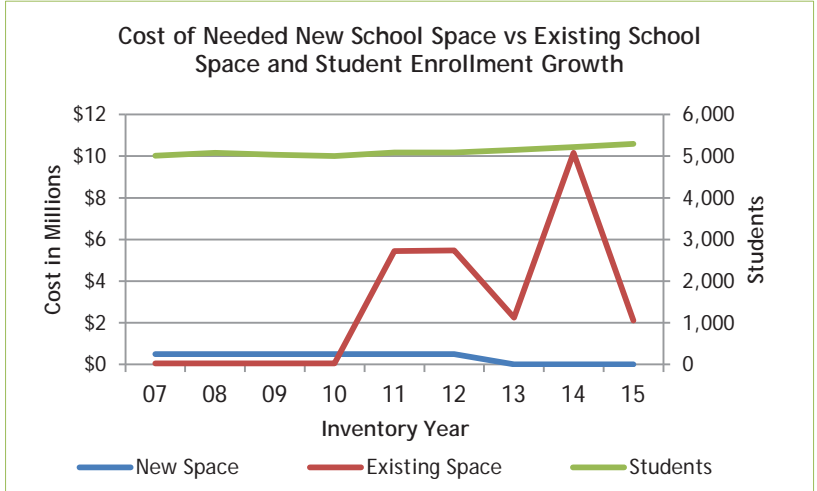
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 33,707,000	\$ 4,607,729
Water and Wastewater	15,090,800	104,400
Recreation	2,610,000	140,000
Law Enforcement	-	2,250,000
School Renovations	2,100,000	15,000
Libraries, Museums, & Historic Sites	-	750,000
Storm Water	350,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 53,857,800</b>	<b>\$ 7,867,129</b>



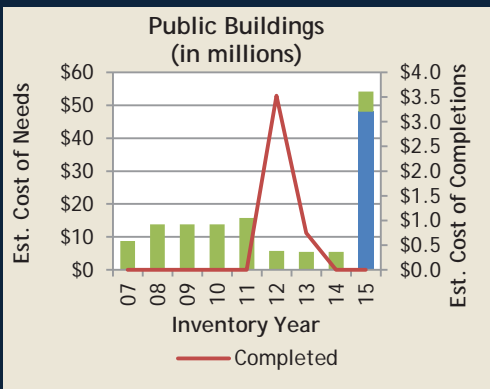
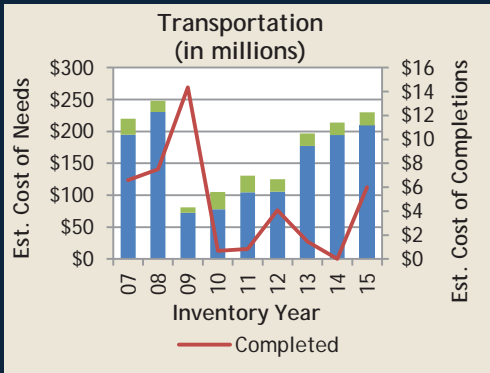
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Loudon County

Total Estimated Cost\* for Infrastructure Improvements

\$360,249,368

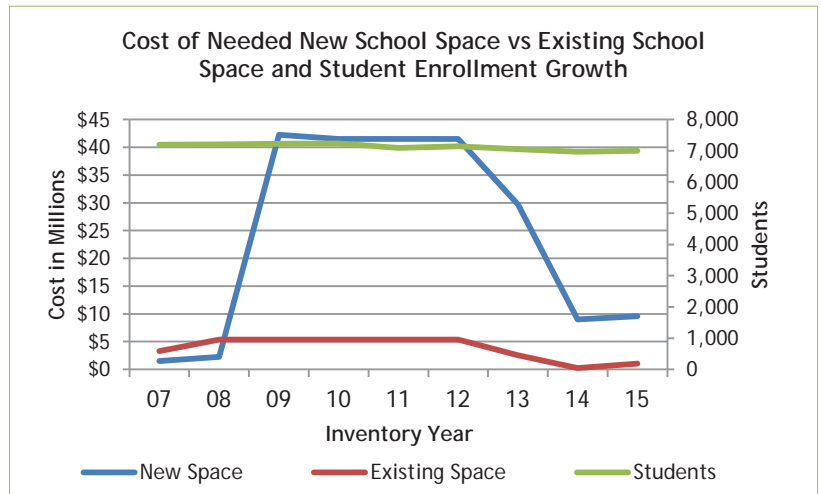
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 62,981,426</b>	<b>\$ 297,267,942</b>



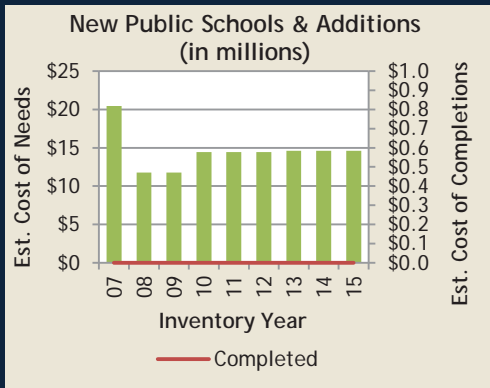
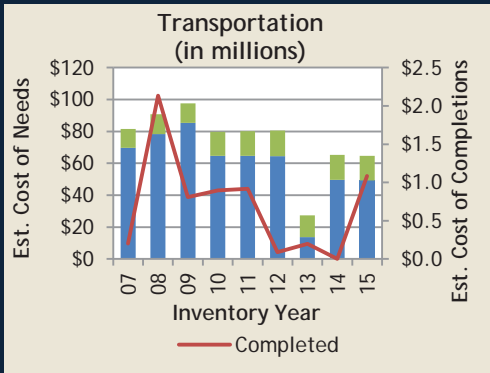
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Macon County

Total Estimated Cost\* for Infrastructure Improvements

**\$109,324,718**

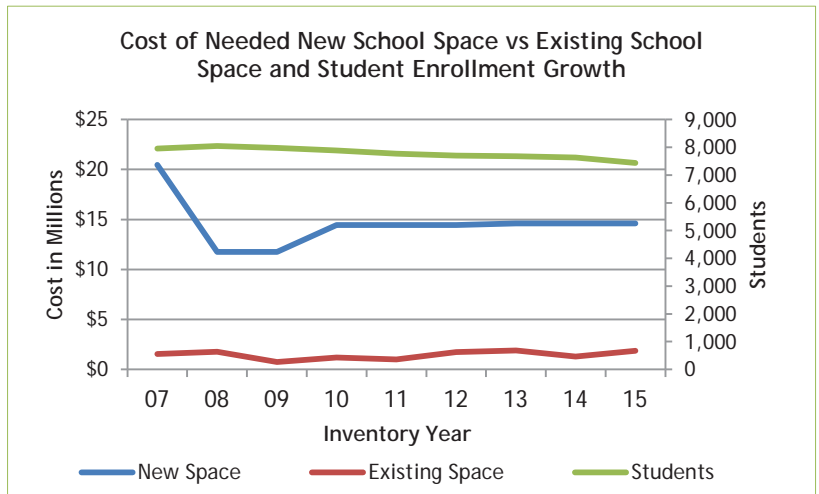
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 34,686,000	\$ 29,914,218
Water and Wastewater	17,405,000	5,000,000
New Public Schools & Additions	14,150,000	450,000
Post-secondary Education	3,000,000	-
Industrial Sites and Parks	-	2,000,000
School Renovations	-	1,859,500
School-System-wide	500,000	-
Public Health Facilities	300,000	-
Recreation	60,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 70,101,000</b>	<b>\$ 39,223,718</b>



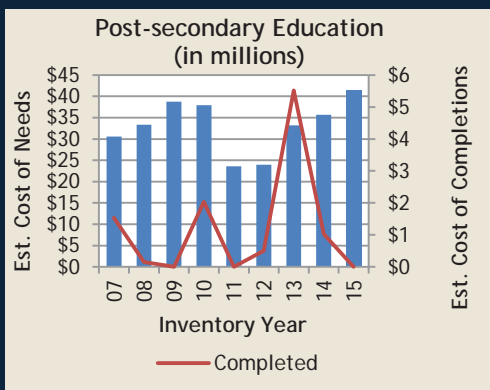
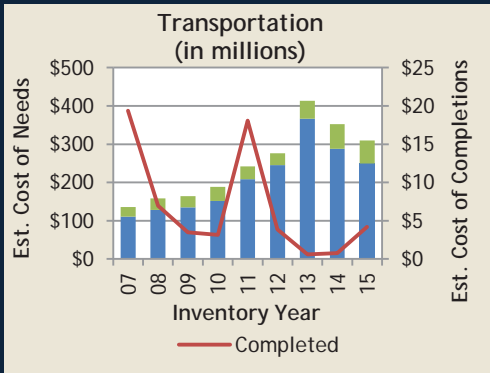
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Madison County

Total Estimated Cost\* for Infrastructure Improvements

\$548,590,480

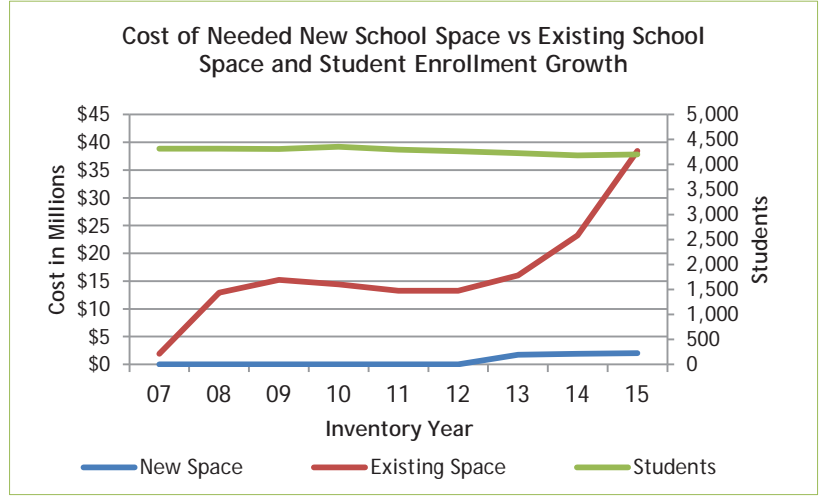
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 138,785,000	\$ 170,787,739
Water and Wastewater	46,446,488	27,218,800
Post-secondary Education	6,310,000	35,222,391
School Renovations	32,405,562	6,029,500
Public Health Facilities	34,330,000	260,000
Law Enforcement	34,210,000	-
Other Facilities	7,900,000	-
Public Buildings	3,710,000	470,000
New Public Schools & Additions	1,935,000	75,000
Industrial Sites and Parks	-	1,000,000
Other Education	910,000	-
Recreation	585,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Utilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 307,527,050</b>	<b>\$ 241,063,430</b>

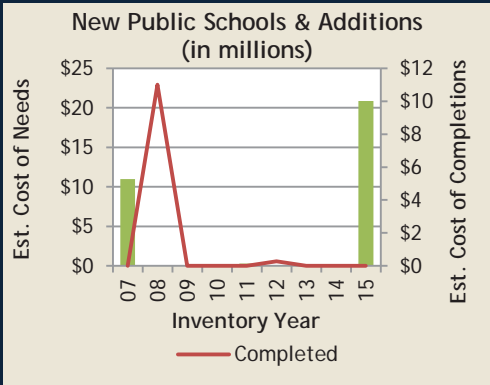
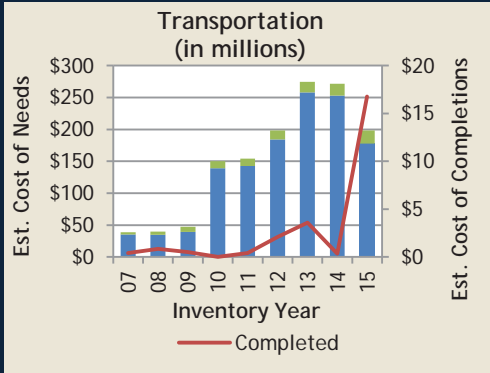


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Marion County

Total Estimated Cost\* for Infrastructure Improvements  
**\$257,124,370**

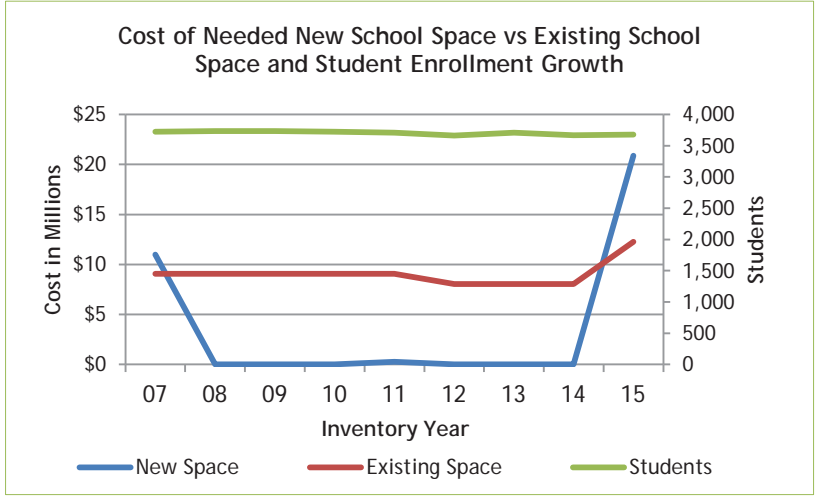
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 140,848,950	\$ 57,577,881
New Public Schools & Additions	20,871,570	-
Water and Wastewater	14,210,539	530,000
School Renovations	10,158,225	2,105,000
Post-secondary Education	2,592,000	-
Industrial Sites and Parks	2,150,000	-
Recreation	1,900,000	243,205
Housing	-	1,285,000
Libraries, Museums, & Historic Sites	752,000	-
Storm Water	-	750,000
Business District Development	500,000	150,000
Public Buildings	-	500,000
Community Development	-	-
Fire Protection	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 193,983,284</b>	<b>\$ 63,141,086</b>



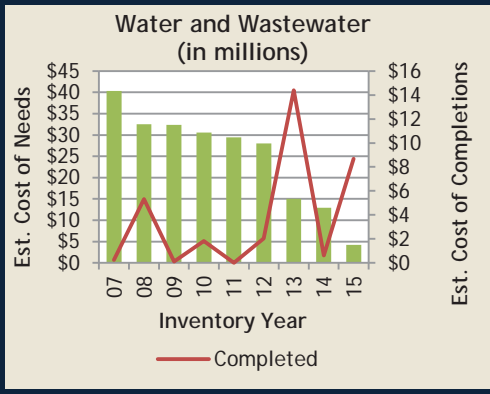
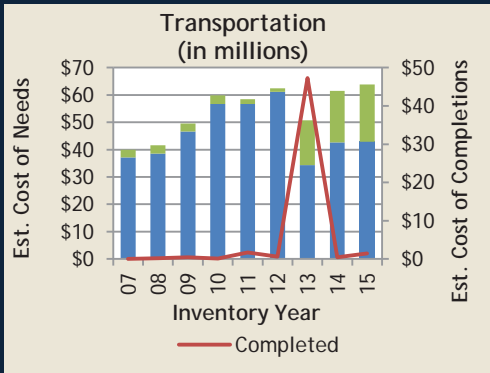
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Marshall County

Total Estimated Cost\* for Infrastructure Improvements

**\$83,366,711**

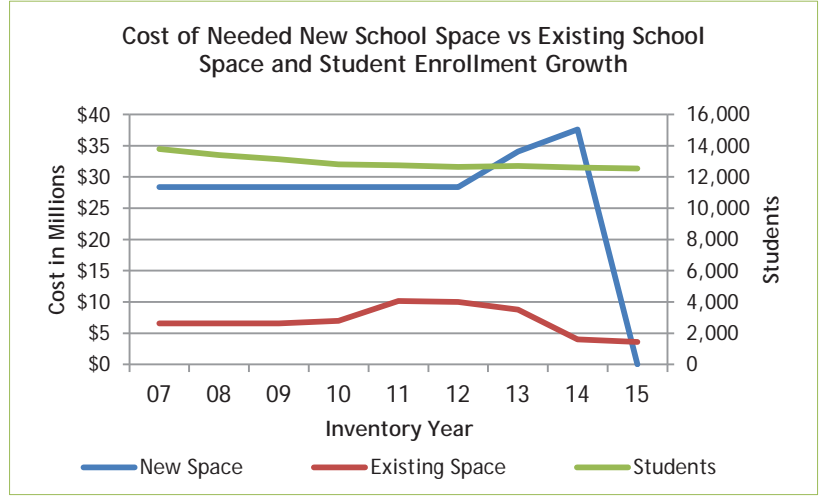
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 39,589,000	\$ 24,309,505
Industrial Sites and Parks	-	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	-	-
<b>Total</b>	<b>\$ 48,774,000</b>	<b>\$ 34,592,711</b>



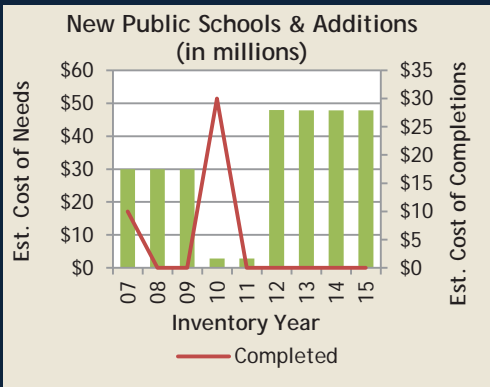
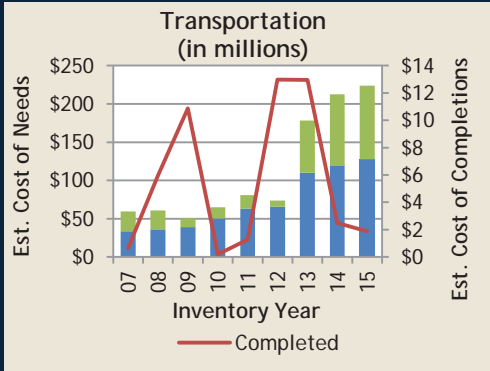
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Maury County

Total Estimated Cost\* for  
Infrastructure Improvements

**\$327,810,006**

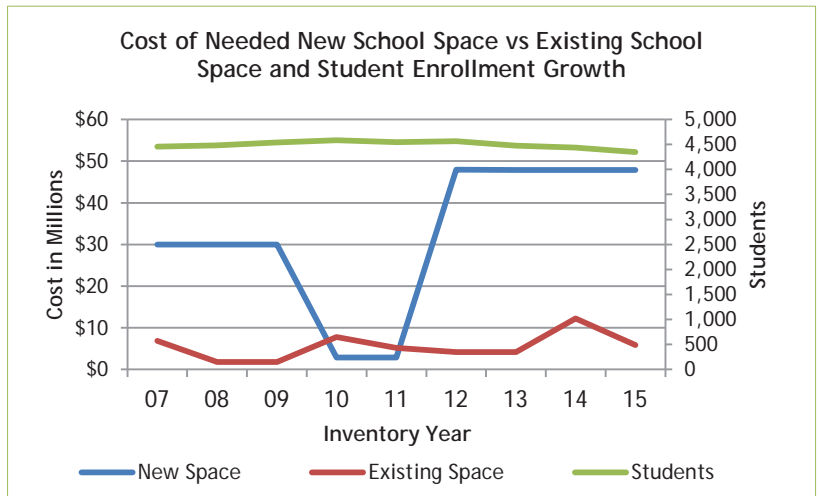
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 130,796,000	\$ 92,844,323
New Public Schools & Additions	1,387,500	46,486,000
Law Enforcement	1,420,000	18,000,000
Public Health Facilities	12,421,700	-
Post-secondary Education	4,690,000	6,001,483
School Renovations	2,360,000	3,503,000
Water and Wastewater	-	3,600,000
Fire Protection	-	2,025,000
Industrial Sites and Parks	-	1,200,000
Recreation	515,000	-
Storm Water	-	360,000
Libraries, Museums, & Historic Sites	-	200,000
Business District Development	-	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Buildings	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 153,590,200</b>	<b>\$ 174,219,806</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

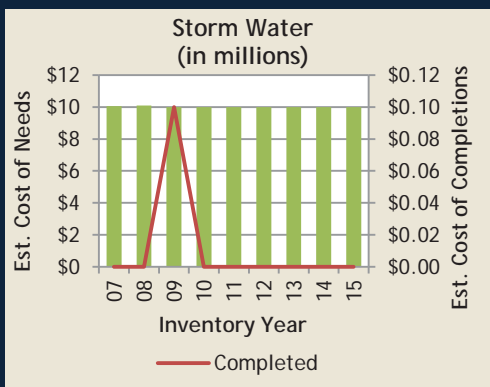
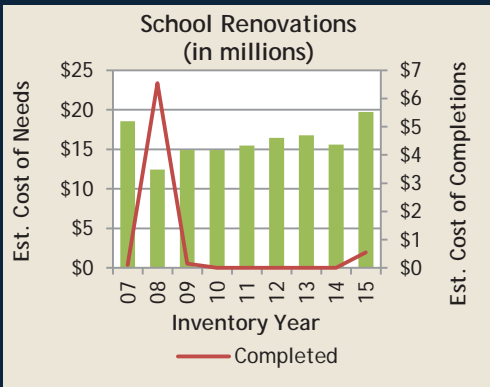
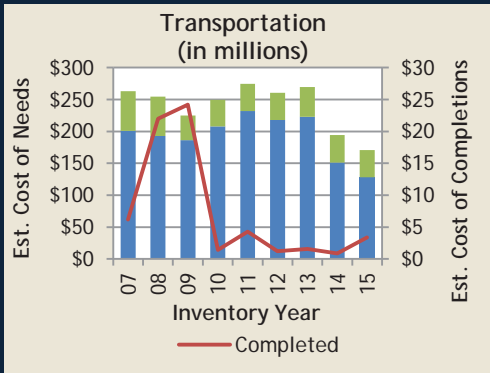


## McMinn County

Total Estimated Cost\* for Infrastructure Improvements

**\$247,444,266**

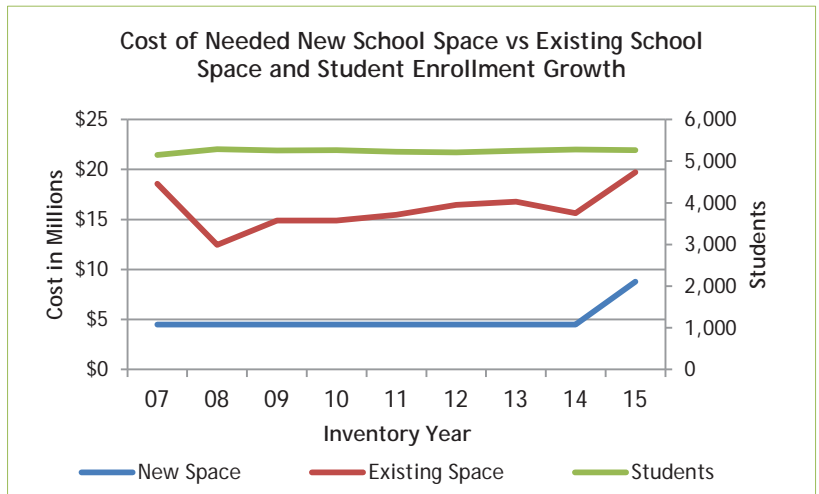
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 149,212,290</b>	<b>\$ 98,231,976</b>



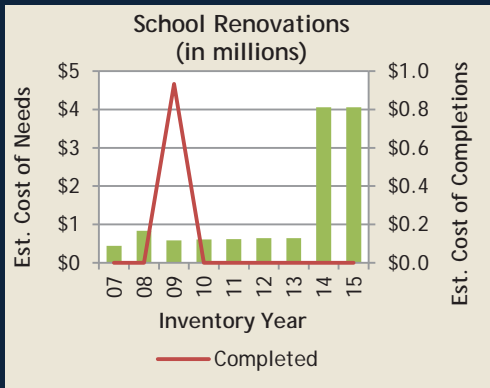
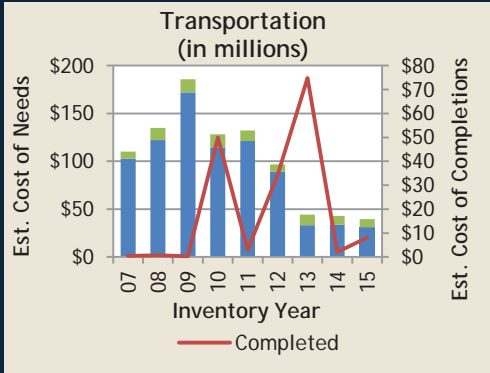
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## McNairy County

Total Estimated Cost\* for Infrastructure Improvements

**\$70,481,533**

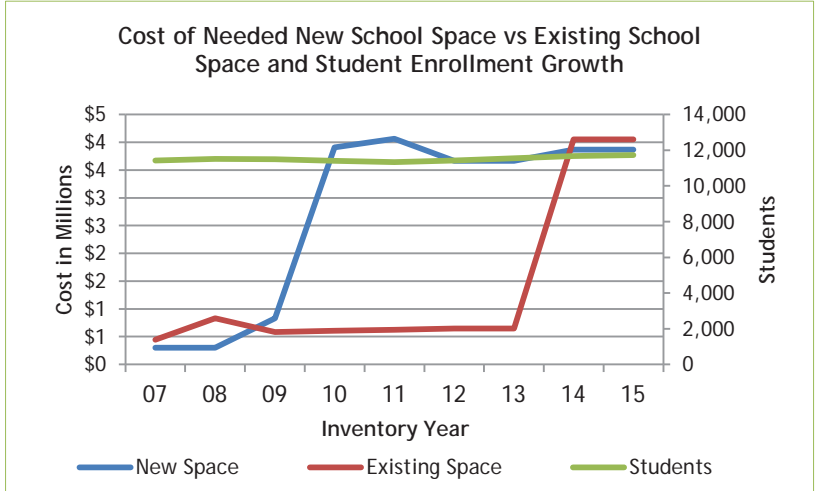
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 58,210,900</b>	<b>\$ 12,270,633</b>



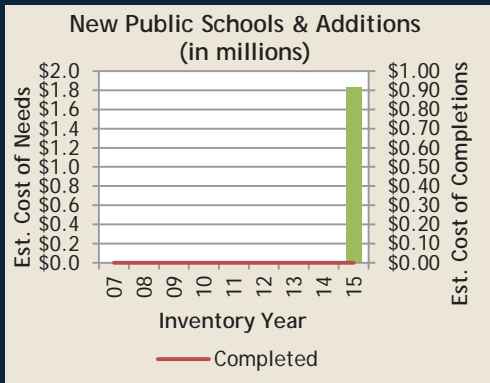
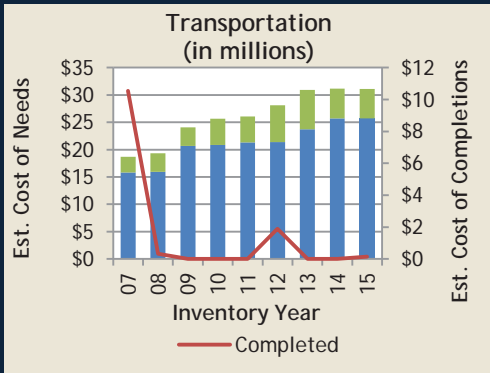
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Meigs County

Total Estimated Cost\* for Infrastructure Improvements

**\$43,542,150**

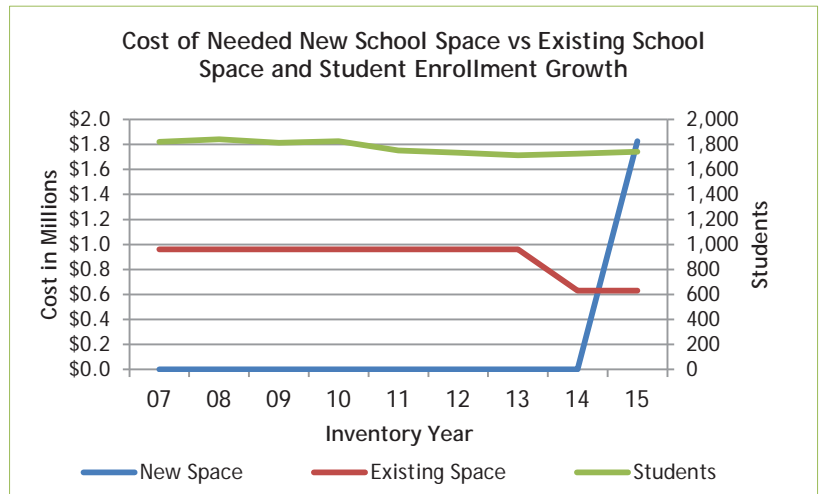
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 10,729,000	\$ 20,393,724
Water and Wastewater	3,650,000	4,985,000
New Public Schools & Additions	1,113,000	714,500
School Renovations	580,000	50,000
Other Facilities	550,000	-
Recreation	-	326,926
Other Utilities	250,000	-
School-System-wide	150,000	-
Fire Protection	50,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 17,072,000</b>	<b>\$ 26,470,150</b>



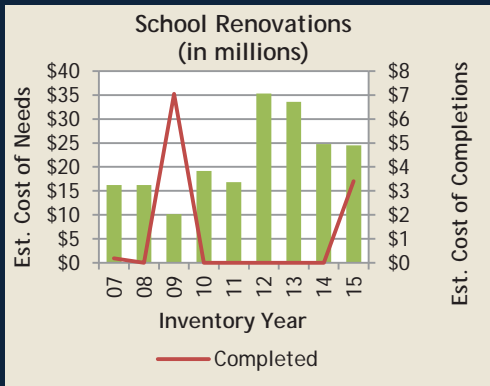
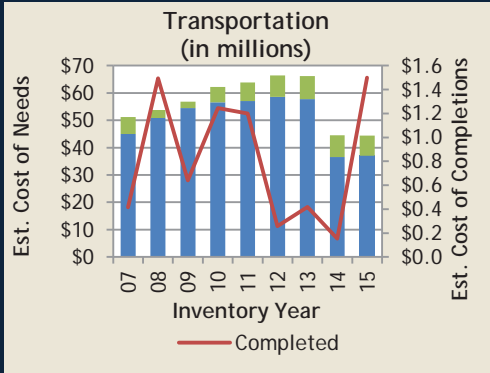
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Monroe County

Total Estimated Cost\* for Infrastructure Improvements

\$136,407,497

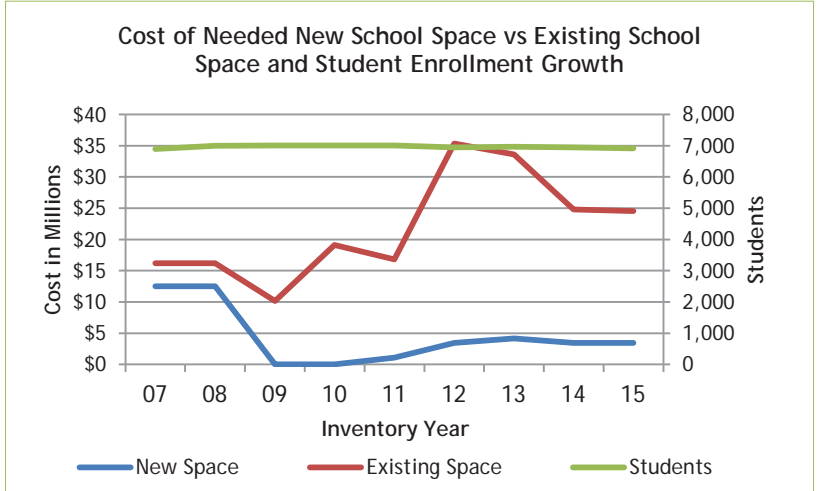
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 14,422,680	\$ 29,925,523
Law Enforcement	30,650,000	-
School Renovations	24,125,853	399,000
Water and Wastewater	21,742,530	2,205,000
Recreation	1,500,000	2,015,000
New Public Schools & Additions	3,467,000	-
Libraries, Museums, & Historic Sites	2,500,000	472,000
Industrial Sites and Parks	-	1,000,000
Fire Protection	500,000	350,000
Storm Water	-	632,911
Public Buildings	-	500,000
Business District Development	-	-
Community Development	-	-
Housing	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 98,908,063</b>	<b>\$ 37,499,434</b>

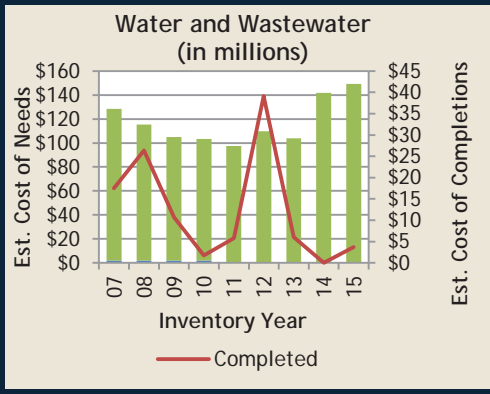
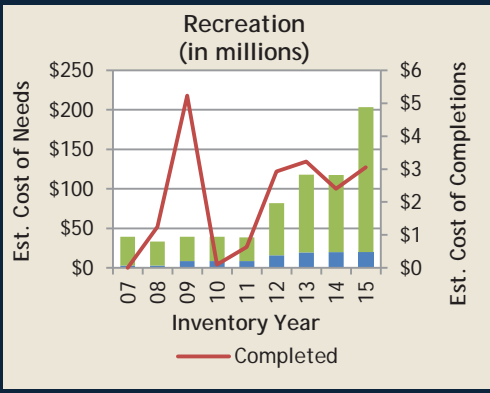
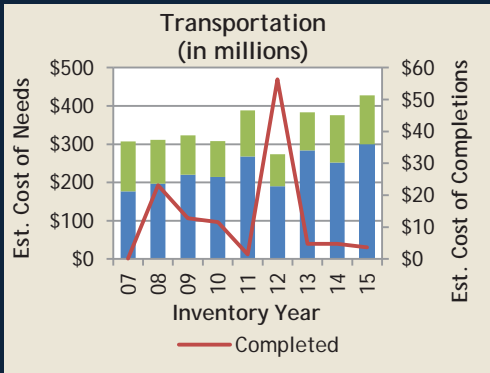


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Montgomery County

Total Estimated Cost\* for Infrastructure Improvements  
\$1,160,862,834

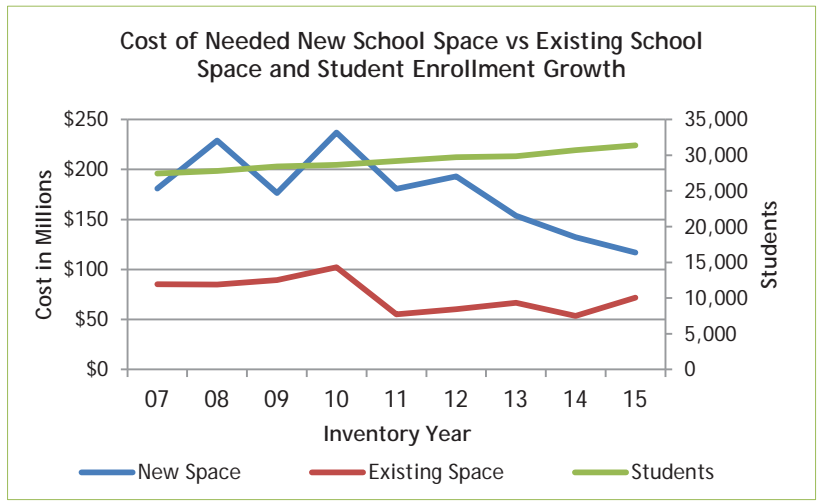
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 125,694,000	\$ 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	-	-
<b>Total</b>	<b>\$ 414,395,158</b>	<b>\$ 746,467,676</b>



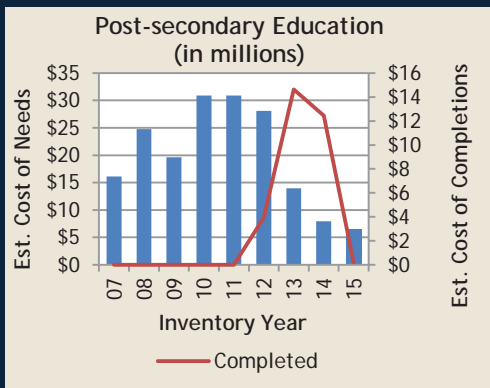
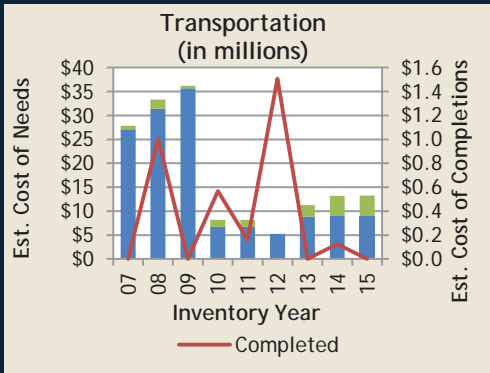
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Moore County

Total Estimated Cost\* for Infrastructure Improvements

**\$38,271,141**

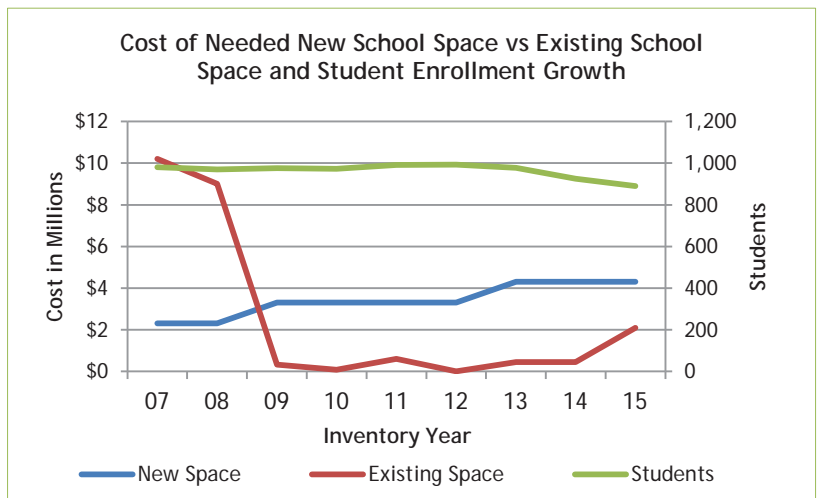
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 7,374,000	\$ 5,898,610
Water and Wastewater	-	10,500,000
Post-secondary Education	1,120,000	5,418,531
New Public Schools & Additions	4,310,000	-
School Renovations	1,900,000	200,000
Law Enforcement	-	800,000
Public Buildings	750,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
Recreation	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 15,454,000</b>	<b>\$ 22,817,141</b>



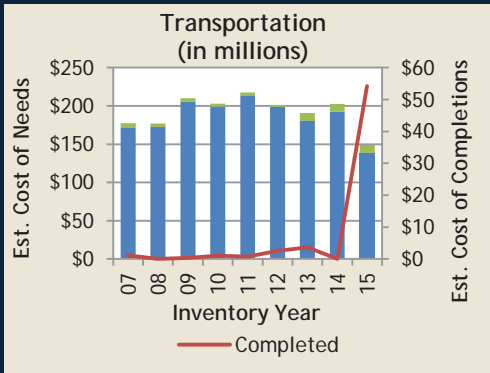
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Morgan County

Total Estimated Cost\* for Infrastructure Improvements

\$171,438,722

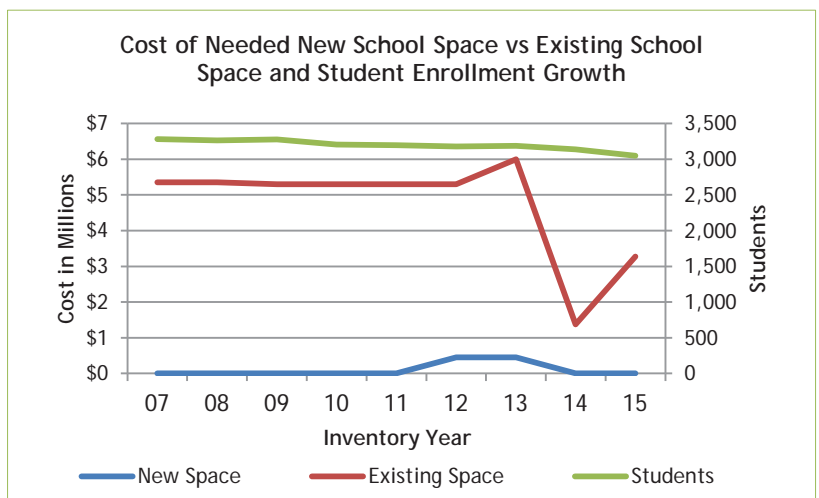
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 21,346,950	\$ 127,729,142
Industrial Sites and Parks	-	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	-	-
<b>Total</b>	<b>\$ 24,153,080</b>	<b>\$ 147,285,642</b>



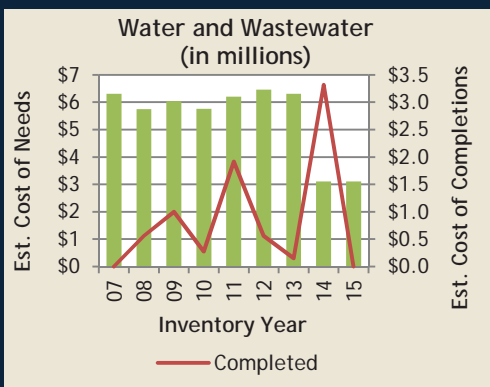
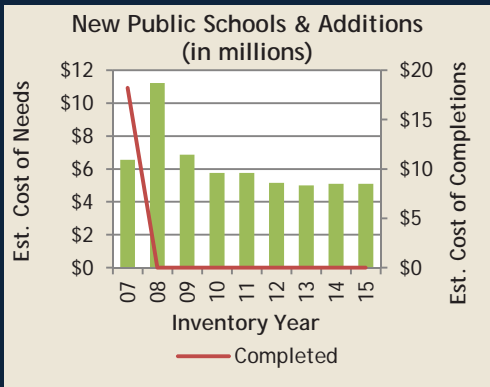
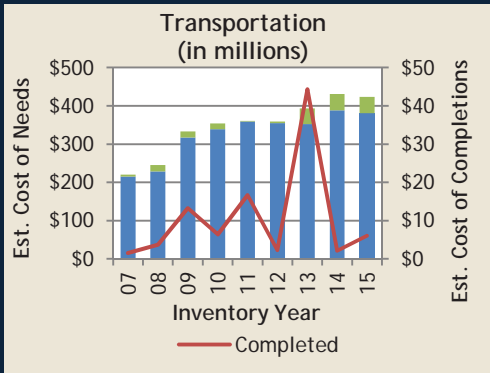
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Obion County

Total Estimated Cost\* for Infrastructure Improvements

**\$438,277,413**

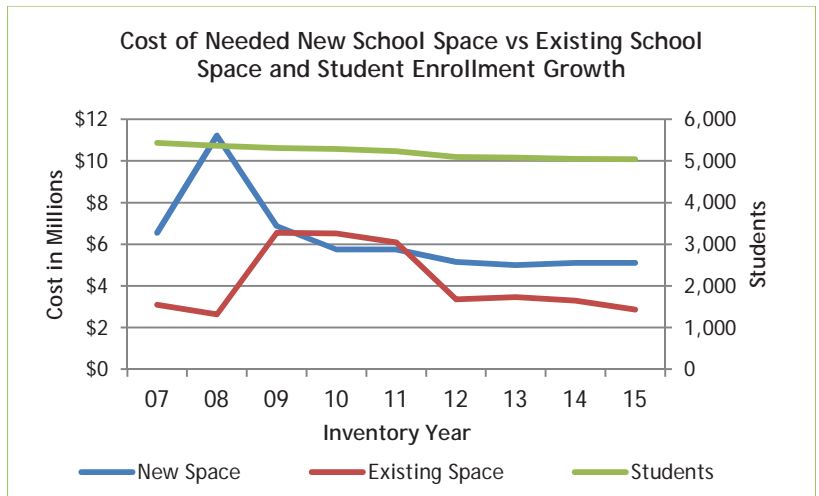
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 75,543,819	\$ 347,700,314
New Public Schools & Additions	4,999,000	100,000
Water and Wastewater	1,272,600	1,839,384
School Renovations	2,461,208	406,000
Recreation	1,050,000	203,088
Law Enforcement	1,200,000	-
Industrial Sites and Parks	500,000	-
Fire Protection	60,000	350,000
Public Buildings	200,000	-
Storm Water	200,000	-
School-System-wide	192,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 87,678,627</b>	<b>\$ 350,598,786</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

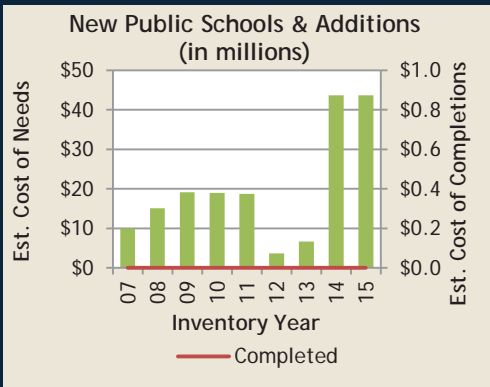
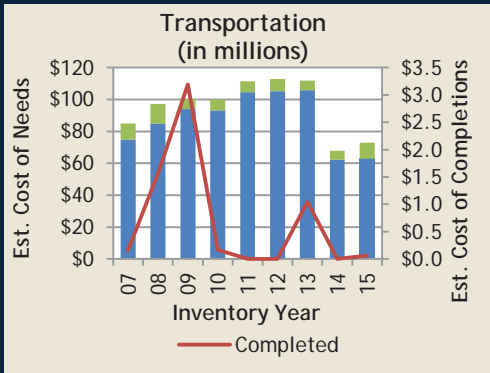


## Overton County

Total Estimated Cost\* for Infrastructure Improvements

\$148,741,617

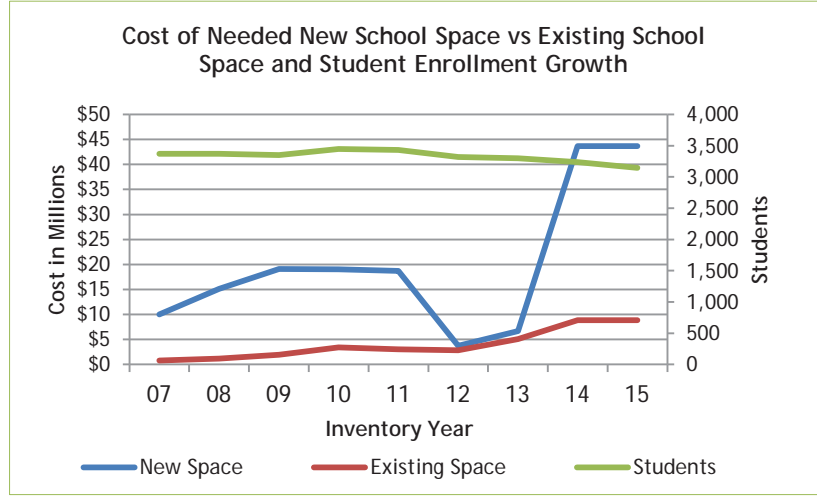
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

### 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	-	-
<b>Total</b>	<b>\$ 79,204,000</b>	<b>\$ 69,537,617</b>



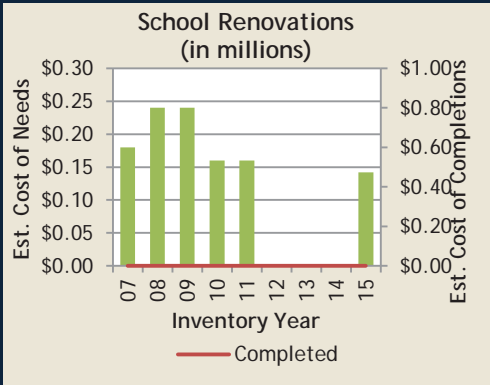
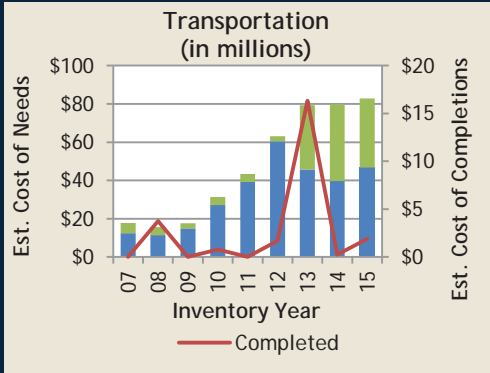
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Perry County

Total Estimated Cost\* for Infrastructure Improvements

\$83,115,824

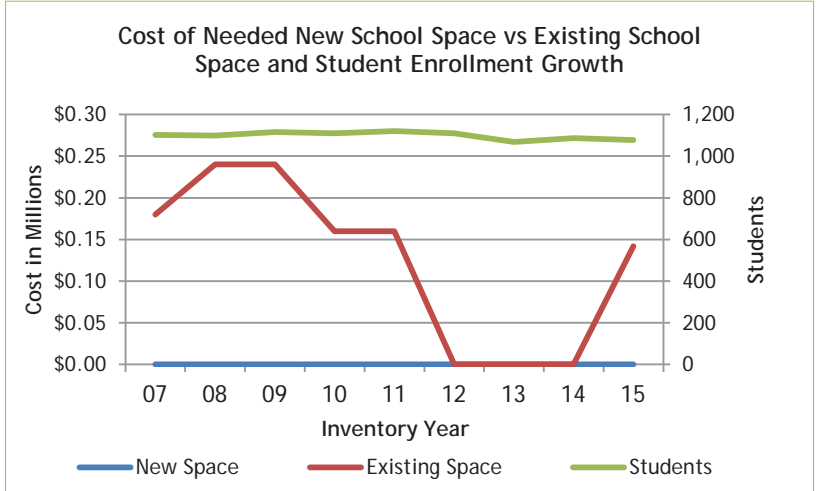
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 37,090,000	\$ 45,773,824
School Renovations	-	142,000
Recreation	110,000	-
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Buildings	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
Water and Wastewater	-	-
<b>Total</b>	<b>\$ 37,200,000</b>	<b>\$ 45,915,824</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

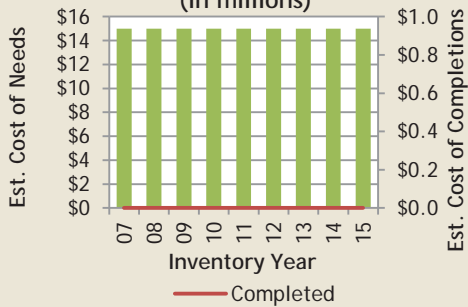
## Pickett County

Total Estimated Cost\* for Infrastructure Improvements

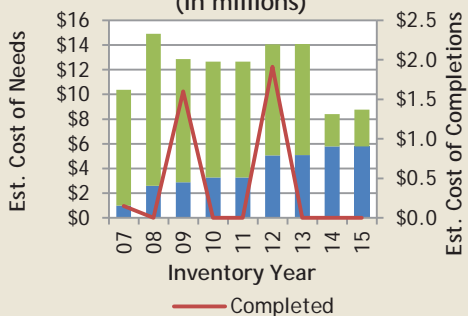
\$37,900,944

# TOP 3

New Public Schools & Additions (in millions)



Transportation (in millions)



Law Enforcement (in millions)

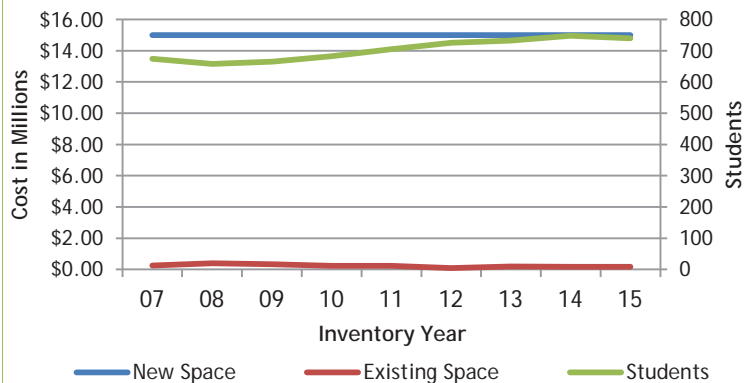


■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
New Public Schools & Additions	\$ 15,000,000	\$ -
Transportation	3,081,000	5,687,444
Law Enforcement	-	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	-	-
<b>Total</b>	<b>\$ 24,418,500</b>	<b>\$ 13,482,444</b>

Cost of Needed New School Space vs Existing School Space and Student Enrollment Growth

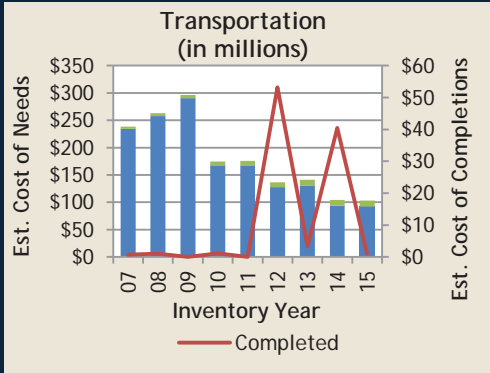


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Polk County

Total Estimated Cost\* for Infrastructure Improvements  
**\$113,623,348**

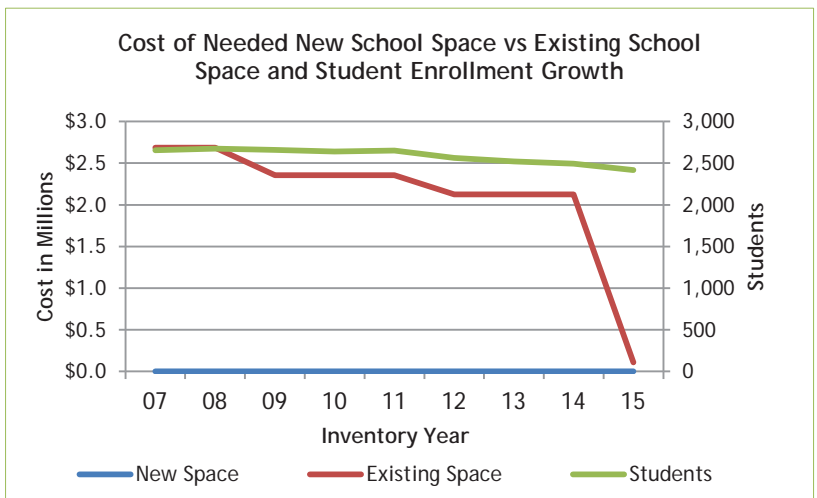
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 38,234,000	\$ 64,936,372
Water and Wastewater	4,674,250	1,377,000
Recreation	1,650,000	-
Libraries, Museums, & Historic Sites	1,125,000	-
Industrial Sites and Parks	681,000	-
Community Development	-	435,726
Public Buildings	250,000	100,000
School Renovations	110,000	-
Storm Water	-	50,000
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Law Enforcement	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 46,724,250</b>	<b>\$ 66,899,098</b>



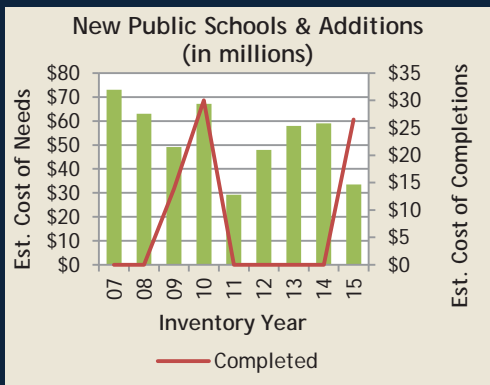
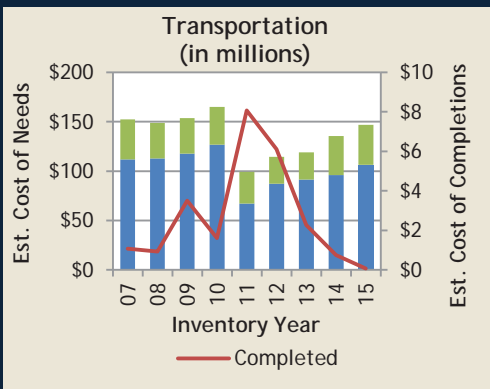
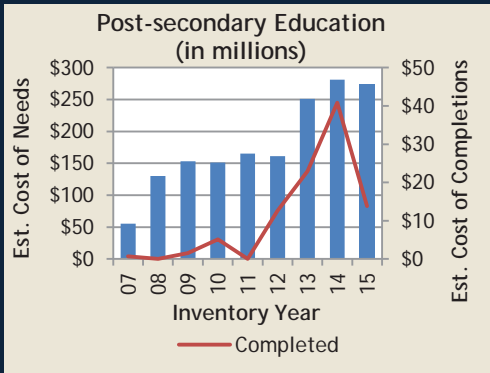
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Putnam County

Total Estimated Cost\* for Infrastructure Improvements

\$507,935,288

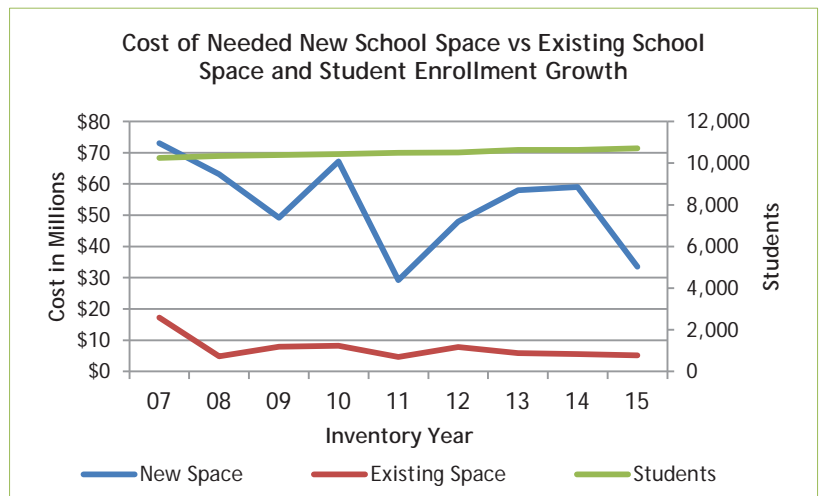
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 162,223,000</b>	<b>\$ 345,712,288</b>

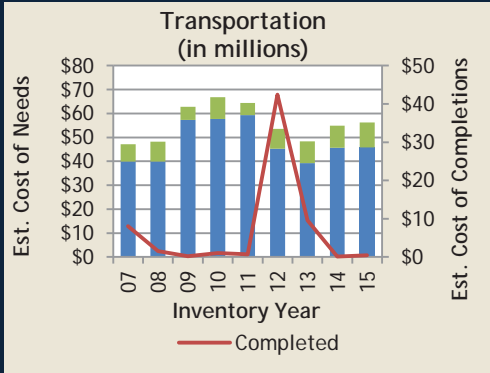


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Rhea County

Total Estimated Cost\* for Infrastructure Improvements  
**\$72,618,722**

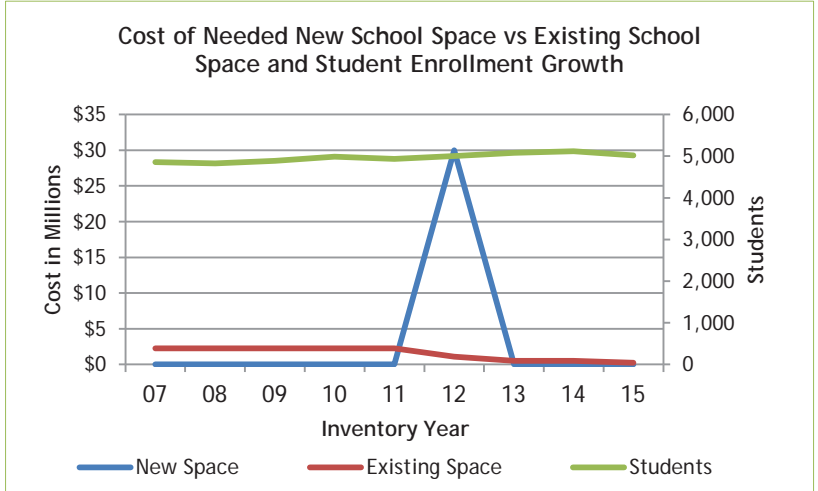
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 49,483,000	\$ 6,741,388
Law Enforcement	5,000,000	80,000
Water and Wastewater	2,000,000	2,266,082
Recreation	1,285,000	876,252
Storm Water	1,750,000	-
Industrial Sites and Parks	1,500,000	-
Public Buildings	800,000	-
Fire Protection	-	597,000
School Renovations	100,000	140,000
Business District Development	-	-
Community Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
New Public Schools & Additions	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 61,918,000</b>	<b>\$ 10,700,722</b>

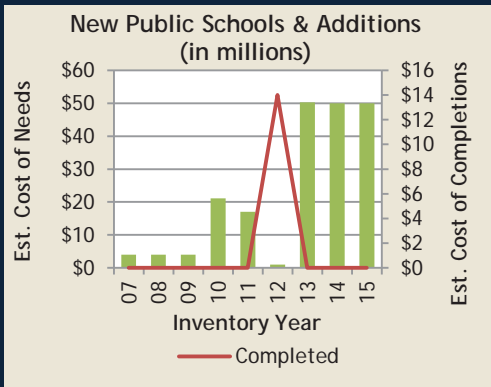
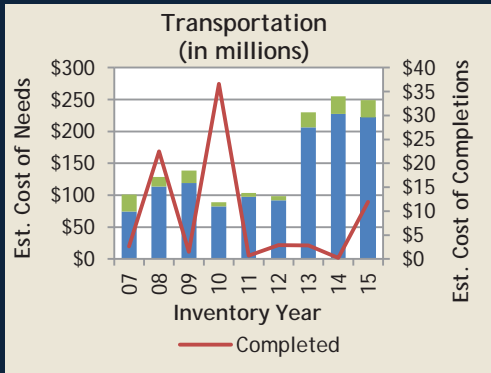


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Roane County

Total Estimated Cost\* for  
Infrastructure Improvements  
**\$390,001,265**

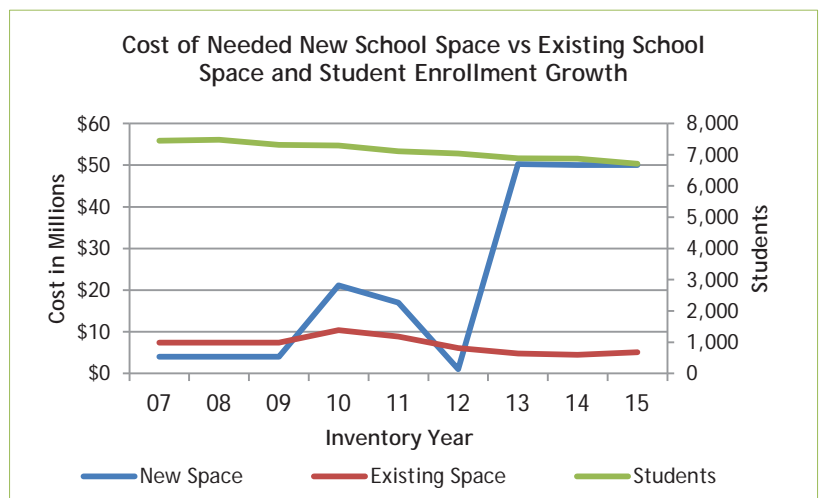
### TOP 3



■ = 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	-	-
<b>Total</b>	<b>\$ 177,270,535</b>	<b>\$ 212,730,730</b>



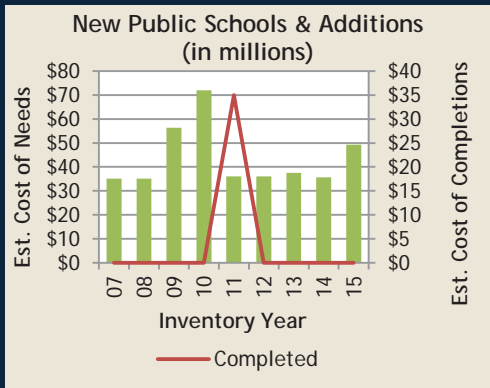
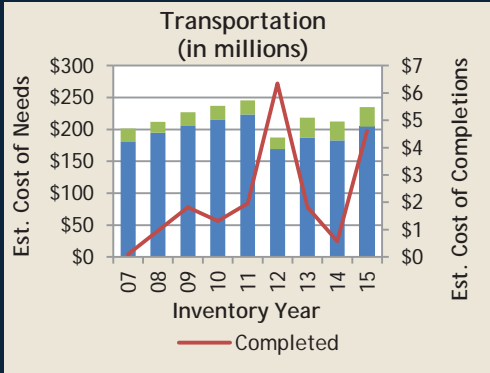
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Robertson County

Total Estimated Cost\* for Infrastructure Improvements

\$422,171,730

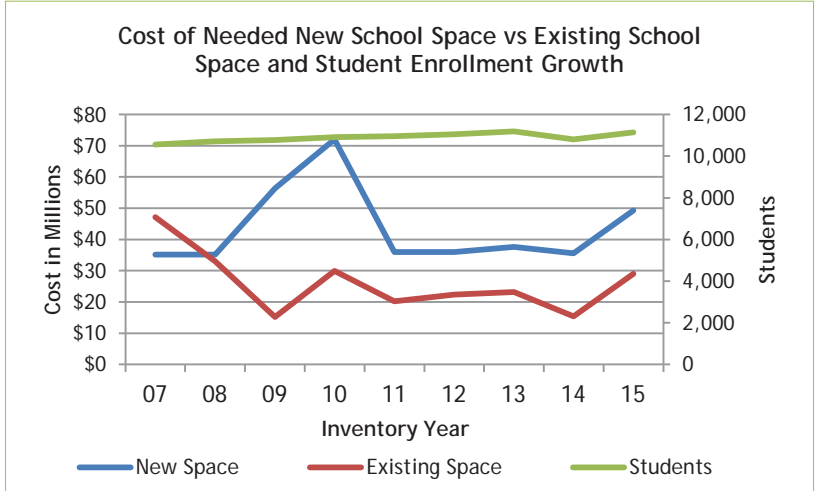
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 85,960,000	\$ 148,937,771
Water and Wastewater	7,710,000	81,350,000
New Public Schools & Additions	1,500,000	47,800,000
School Renovations	18,377,000	10,635,000
Recreation	4,787,600	3,030,209
School-System-wide	-	3,700,000
Business District Development	2,700,000	-
Fire Protection	1,700,000	-
Community Development	1,600,000	-
Public Buildings	-	750,000
Other Utilities	175,000	395,000
Storm Water	414,150	150,000
Industrial Sites and Parks	-	500,000
Housing	-	-
Law Enforcement	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
Public Health Facilities	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 124,923,750</b>	<b>\$ 297,247,980</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

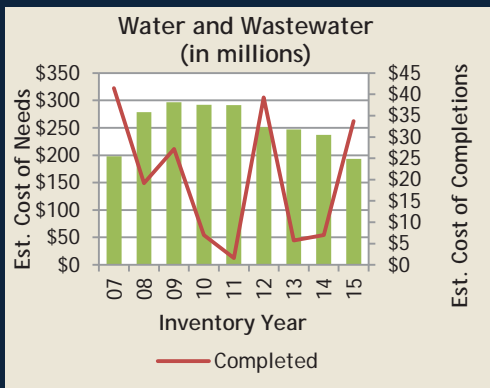
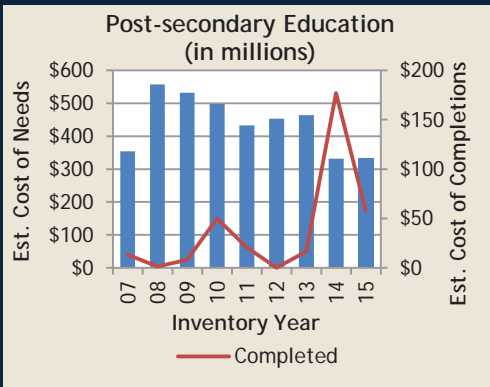
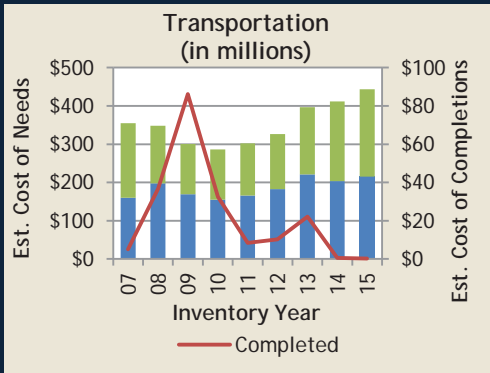


## Rutherford County

Total Estimated Cost\* for Infrastructure Improvements

**\$1,319,351,598**

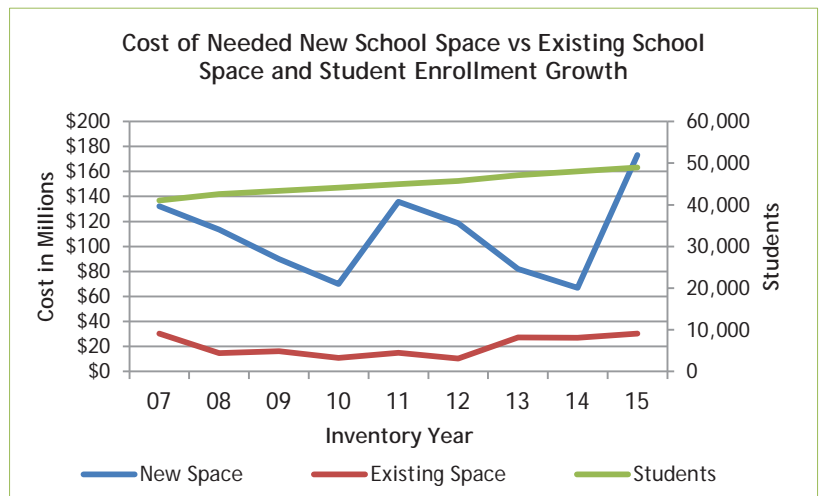
**TOP 3**



■ = 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	-	-
<b>Total</b>	<b>\$ 300,129,639</b>	<b>\$ 1,019,221,959</b>



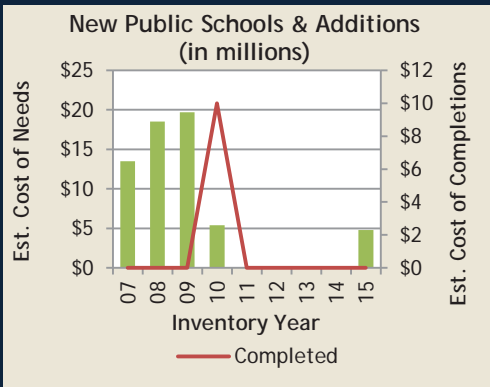
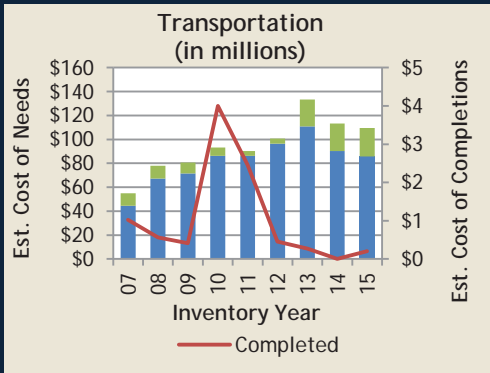
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Scott County

Total Estimated Cost\* for Infrastructure Improvements

**\$120,687,592**

**TOP 3**

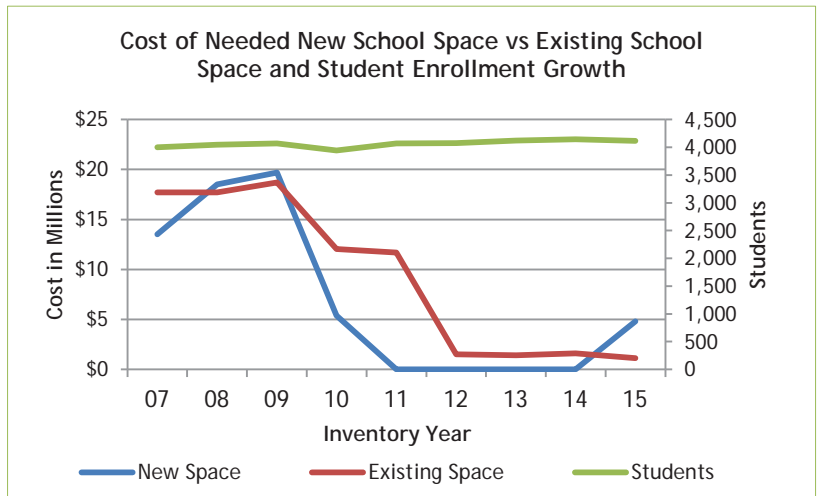


■ = Local  
■ = Regional (Serves Multiple Counties)

## Estimated Cost of Needed Infrastructure for Scott County

Five-year period July 2015 through June 2020

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 42,509,000	\$ 67,020,593
New Public Schools & Additions	4,800,000	-
Water and Wastewater	1,599,999	1,683,000
School Renovations	1,025,000	100,000
Law Enforcement	-	950,000
Solid Waste	500,000	-
Public Buildings	200,000	180,000
Recreation	120,000	-
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	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 50,753,999</b>	<b>\$ 69,933,593</b>



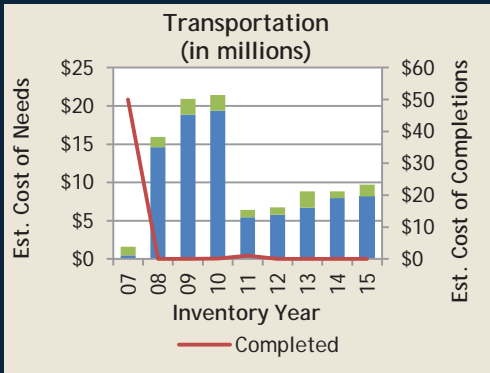
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Sequatchie County

Total Estimated Cost\* for Infrastructure Improvements

**\$21,136,398**

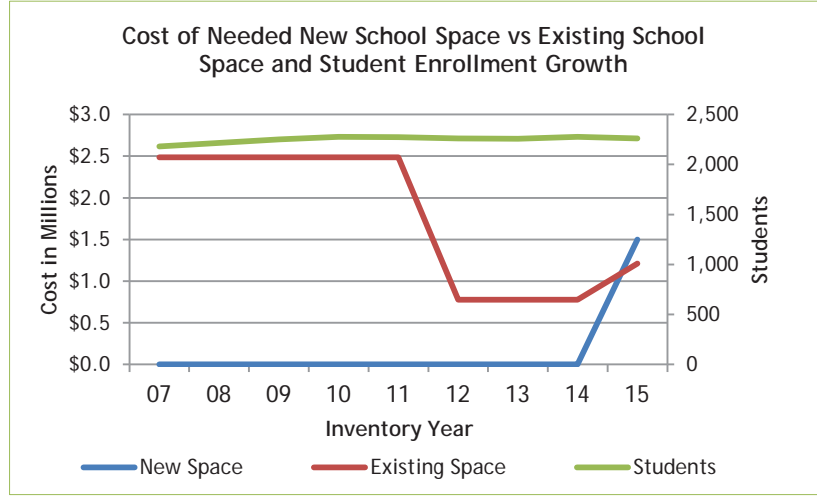
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 17,375,141</b>	<b>\$ 3,761,257</b>



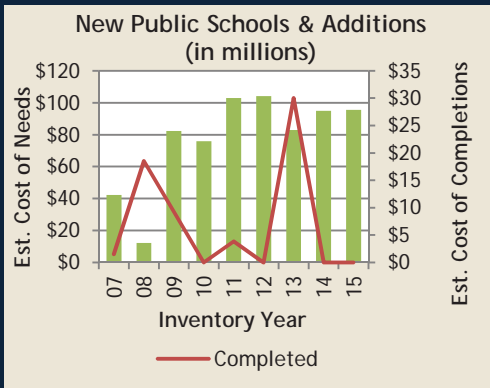
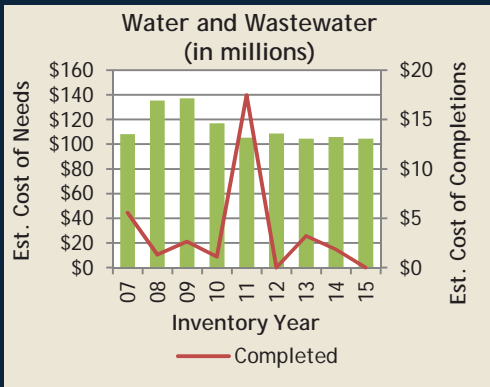
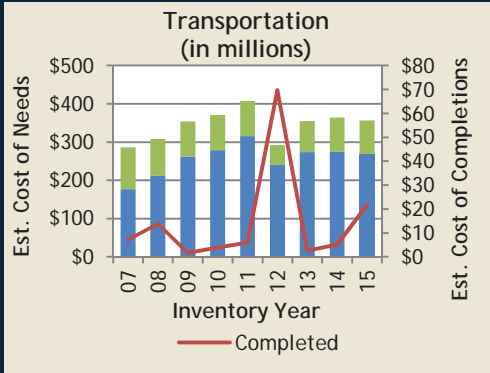
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Sevier County

Total Estimated Cost\* for Infrastructure Improvements

**\$691,358,131**

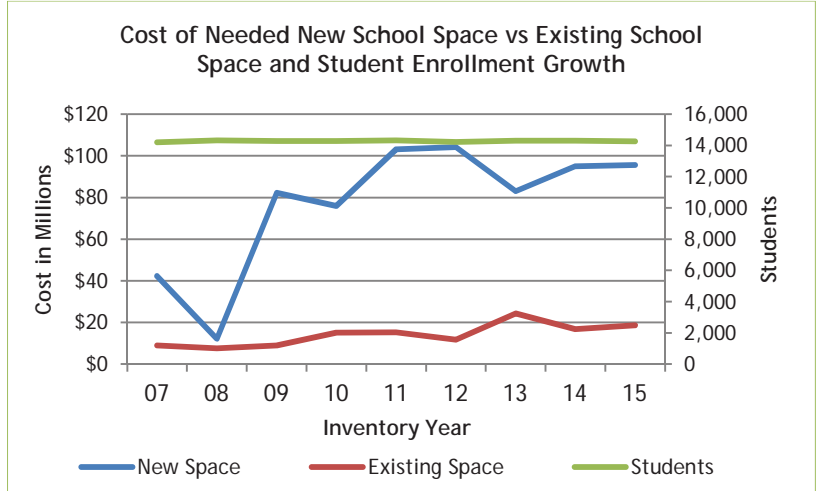
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 94,905,000	\$ 261,805,510
Water and Wastewater	14,599,985	89,989,100
New Public Schools & Additions	71,650,000	23,898,000
Other Utilities	-	57,622,750
Recreation	440,000	20,855,341
School Renovations	16,183,200	2,439,819
Public Buildings	15,256,841	-
Industrial Sites and Parks	-	10,000,000
Fire Protection	350,000	5,500,000
Community Development	770,000	4,000,000
Post-secondary Education	420,000	-
Storm Water	-	386,285
Other Facilities	91,300	140,000
Law Enforcement	55,000	-
Business District Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 214,721,326</b>	<b>\$ 476,636,805</b>



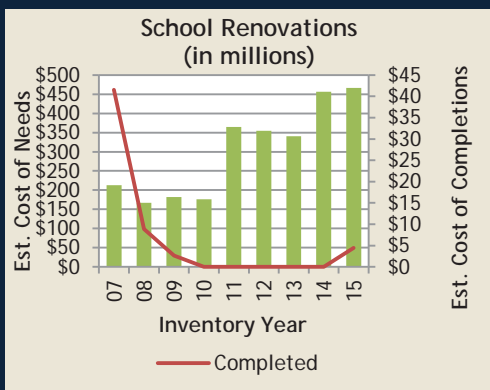
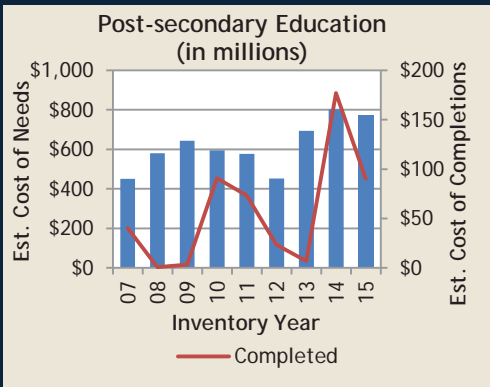
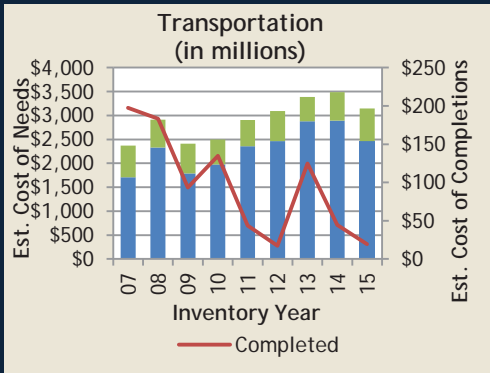
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Shelby County

Total Estimated Cost\* for  
Infrastructure Improvements

**\$5,628,668,788**

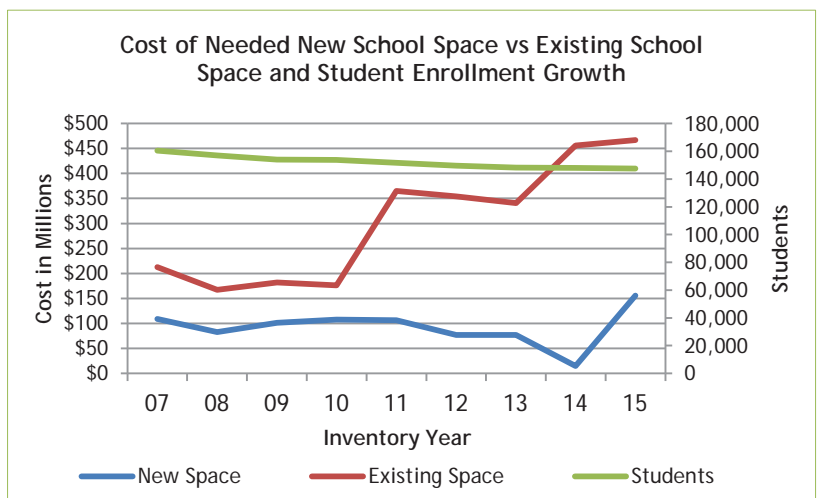
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 2,290,871,380</b>	<b>\$ 3,337,797,408</b>



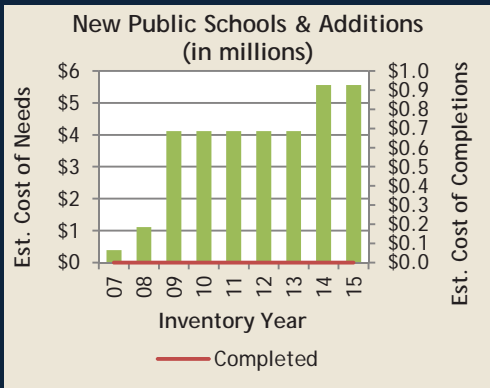
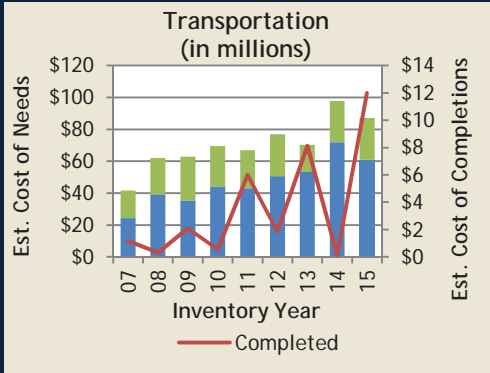
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Smith County

Total Estimated Cost\* for Infrastructure Improvements

\$101,945,649

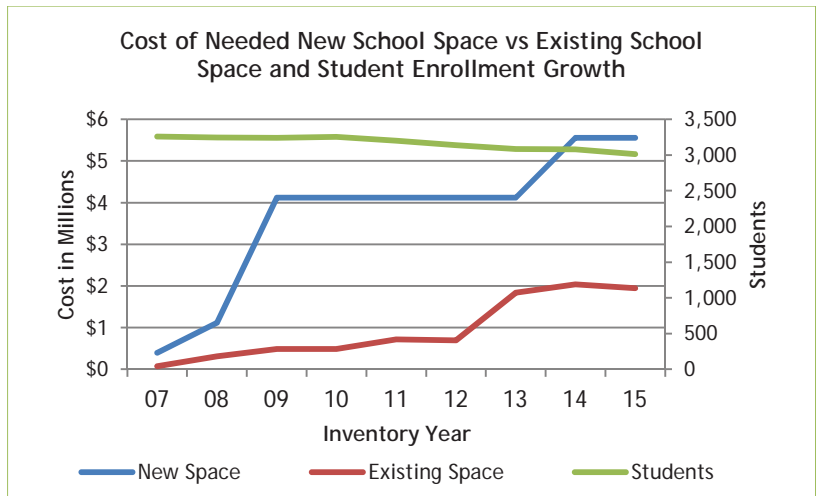
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 41,632,000	\$ 45,431,449
Water and Wastewater	5,558,000	500,000
New Public Schools & Additions	5,556,000	-
School Renovations	1,838,200	110,000
Recreation	-	620,000
Community Development	-	500,000
Other Facilities	100,000	-
Public Buildings	100,000	-
Business District 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	-	-
<b>Total</b>	<b>\$ 54,784,200</b>	<b>\$ 47,161,449</b>



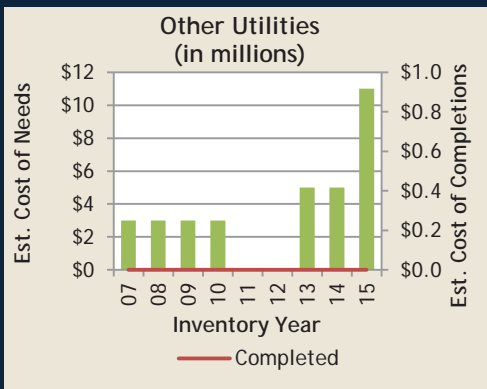
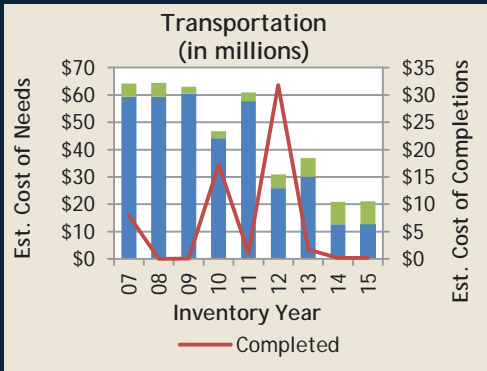
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Stewart County

Total Estimated Cost\* for Infrastructure Improvements

\$44,887,696

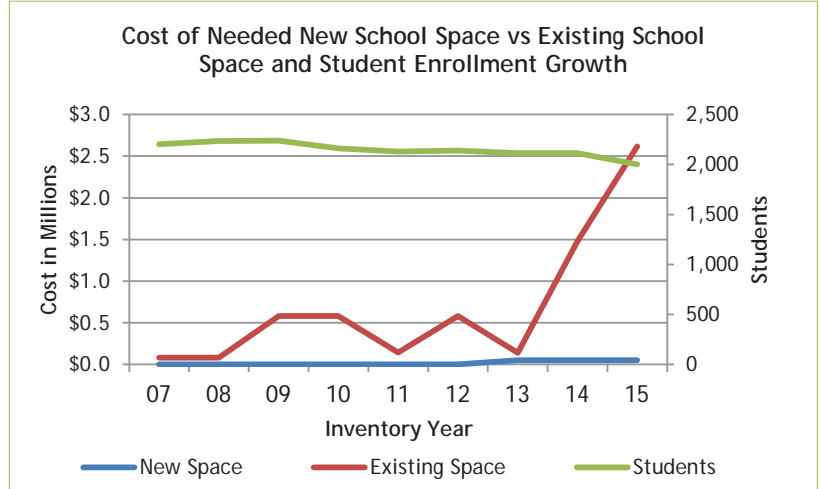
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

### 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	-	-
<b>Total</b>	<b>\$ 23,464,000</b>	<b>\$ 21,423,696</b>

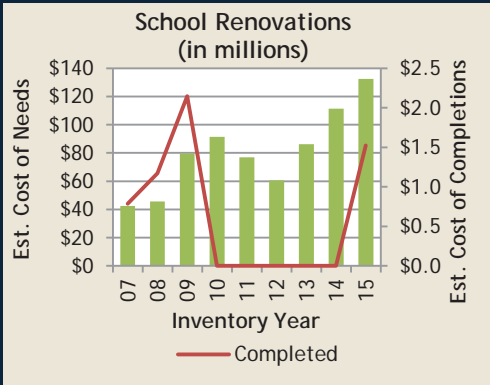
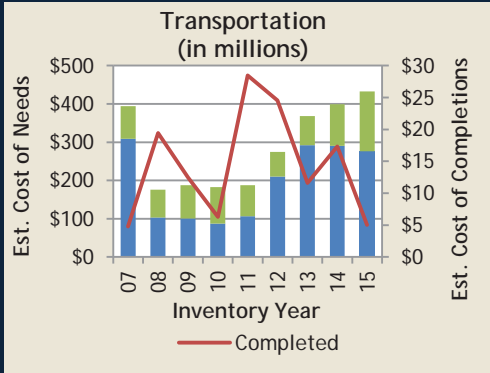


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Sullivan County

Total Estimated Cost\* for Infrastructure Improvements  
**\$953,506,450**

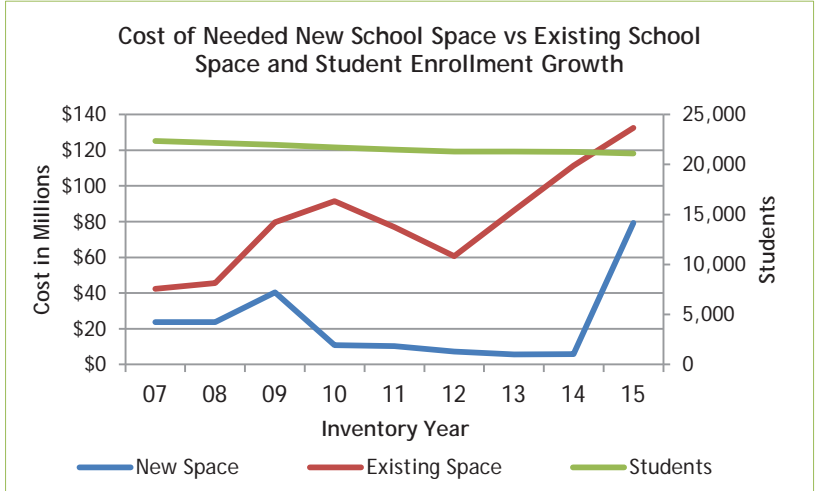
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 255,182,150	\$ 177,413,521
School Renovations	85,624,000	46,858,899
Water and Wastewater	23,485,000	57,239,500
New Public Schools & Additions	43,680,000	35,570,000
Post-secondary Education	470,000	59,841,910
Housing	56,400,000	-
Public Health Facilities	55,000,000	-
Business District Development	-	21,385,000
Recreation	12,454,000	4,379,356
Industrial Sites and Parks	4,400,000	3,467,000
Fire Protection	4,710,000	1,000,000
Storm Water	900,000	3,169,000
Libraries, Museums, & Historic Sites	300,000	362,114
Public Buildings	90,000	-
Community Development	65,000	-
Other Facilities	-	60,000
Law Enforcement	-	-
Other Education	-	-
Other Utilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 542,760,150</b>	<b>\$ 410,746,300</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

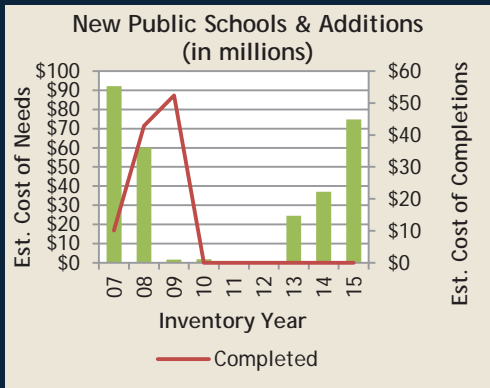
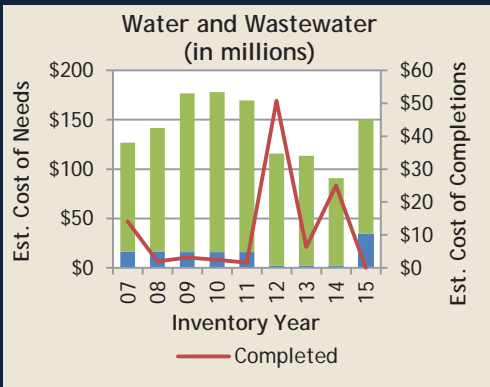
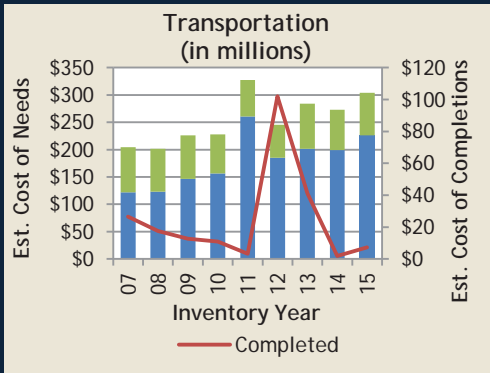


## Sumner County

Total Estimated Cost\* for Infrastructure Improvements

**\$701,765,926**

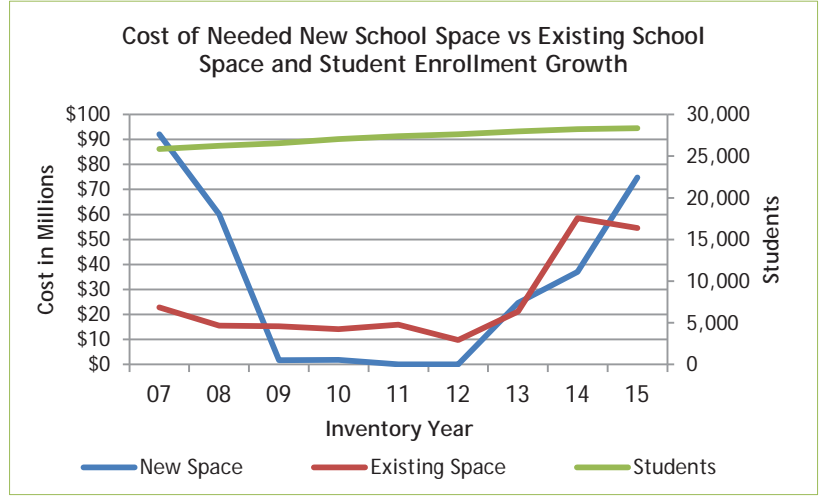
### TOP 3



■ = 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	-	-
<b>Total</b>	<b>\$ 314,603,617</b>	<b>\$ 387,162,309</b>



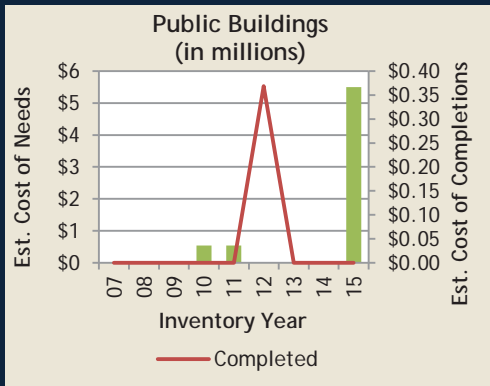
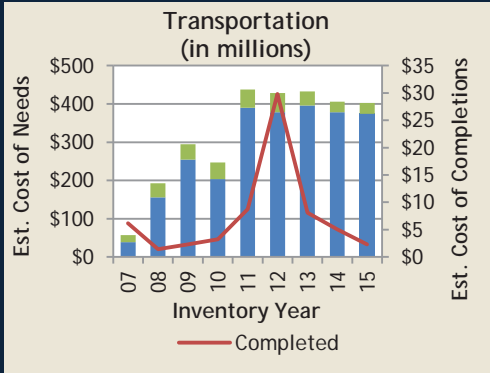
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Tipton County

Total Estimated Cost\* for Infrastructure Improvements

**\$433,933,819**

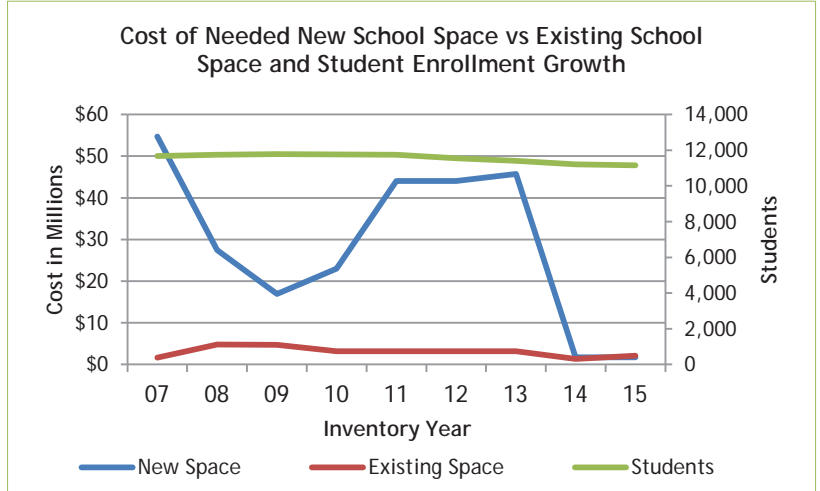
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 108,700,000	\$ 293,627,295
Water and Wastewater	7,200,000	5,300,000
Public Buildings	-	5,500,000
Law Enforcement	-	3,500,000
Recreation	2,330,000	499,524
Post-secondary Education	460,000	2,170,000
School Renovations	1,997,000	100,000
New Public Schools & Additions	-	1,700,000
Housing	-	850,000
Business District Development	-	-
Community Development	-	-
Fire Protection	-	-
Industrial Sites and Parks	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 120,687,000</b>	<b>\$ 313,246,819</b>



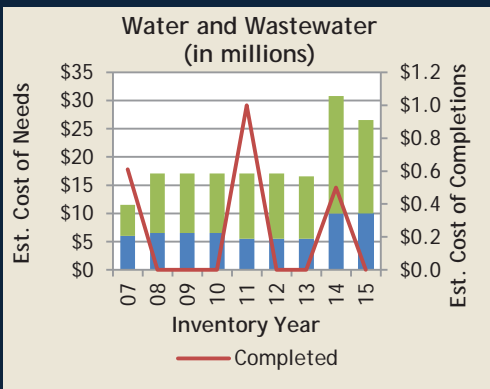
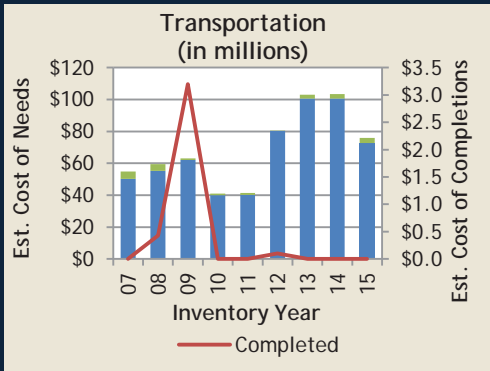
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Trousdale County

Total Estimated Cost\* for Infrastructure Improvements

**\$116,881,645**

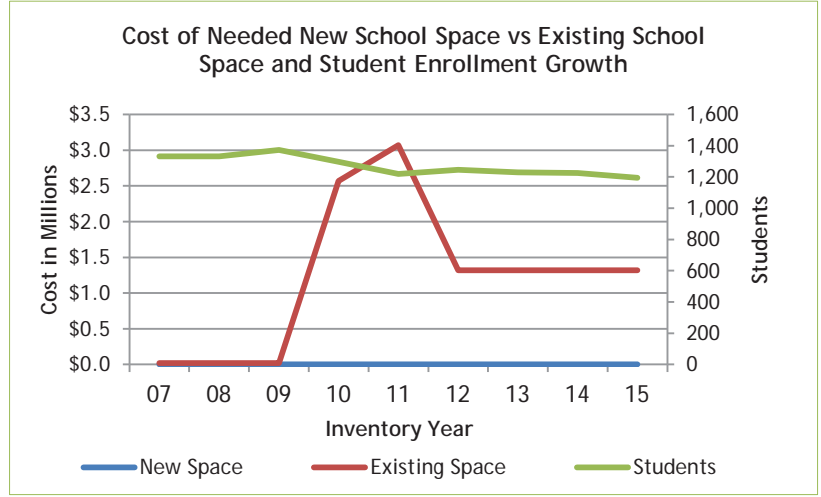
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 26,874,000</b>	<b>\$ 90,007,645</b>

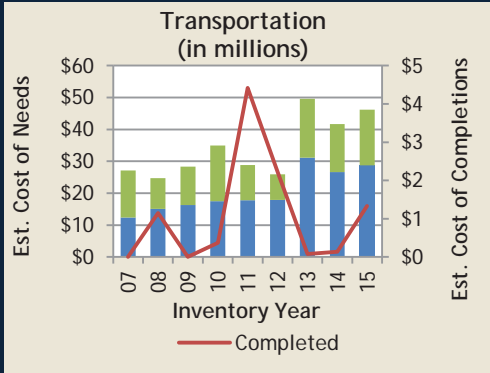


\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Unicoi County

Total Estimated Cost\* for Infrastructure Improvements  
**\$110,067,748**

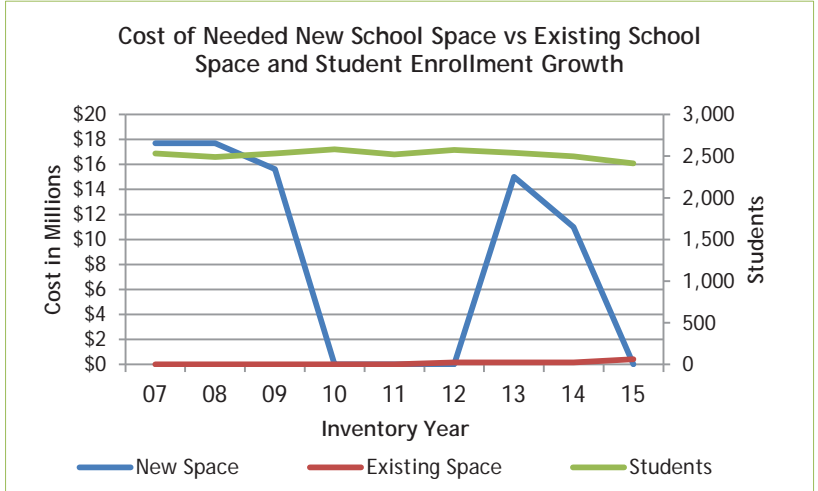
### TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 24,223,000	\$ 21,995,124
Recreation	22,827,355	887,529
Water and Wastewater	16,954,200	1,615,000
Community Development	16,000,000	165,000
Business District Development	1,084,000	1,500,000
Storm Water	1,000,000	250,000
Industrial Sites and Parks	650,000	-
School Renovations	150,000	266,000
Housing	150,000	250,540
Libraries, Museums, & Historic Sites	-	100,000
Fire Protection	-	-
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	-	-
<b>Total</b>	<b>\$ 83,038,555</b>	<b>\$ 27,029,193</b>



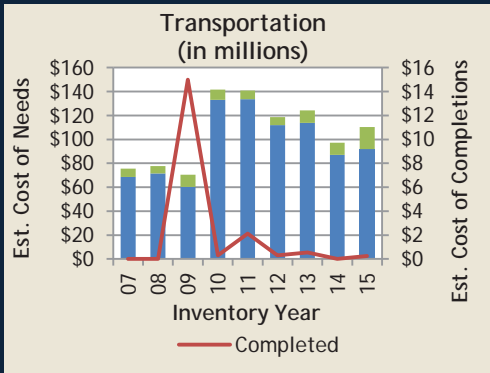
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Union County

Total Estimated Cost\* for  
Infrastructure Improvements

**\$115,849,854**

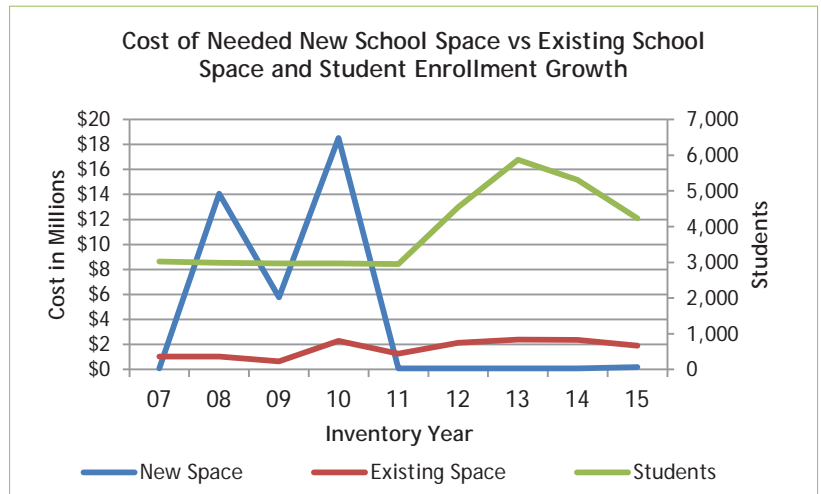
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 15,339,223</b>	<b>\$ 100,510,631</b>



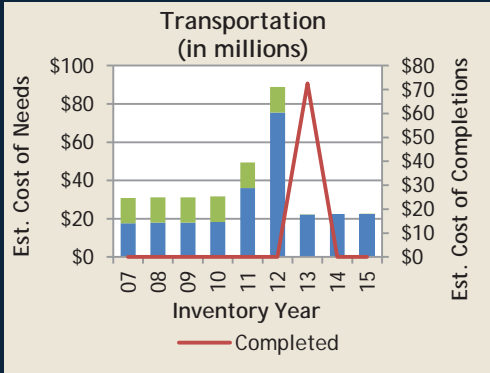
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Van Buren County

Total Estimated Cost\* for Infrastructure Improvements

\$77,021,486

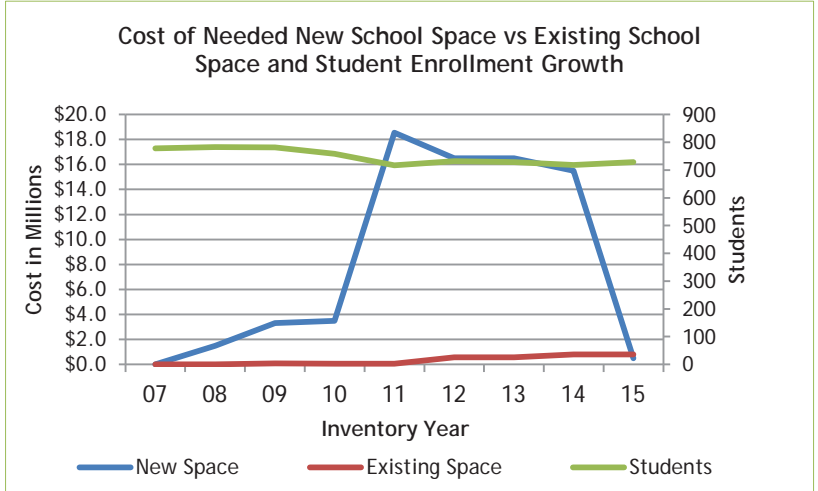
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 633,000	\$ 21,990,468
Water and Wastewater	10,300,000	-
Industrial Sites and Parks	10,000,000	-
Community Development	500,000	8,117,018
Law Enforcement	-	7,000,000
Recreation	4,550,000	2,000,000
Public Health Facilities	6,000,000	-
Public Buildings	4,000,000	-
School Renovations	-	800,000
Other Utilities	-	631,000
New Public Schools & Additions	500,000	-
Business District Development	-	-
Fire Protection	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Post-secondary Education	-	-
School-System-wide	-	-
Solid Waste	-	-
Storm Water	-	-
<b>Total</b>	<b>\$ 36,483,000</b>	<b>\$ 40,538,486</b>



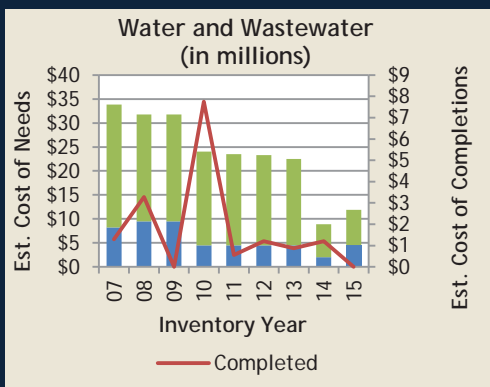
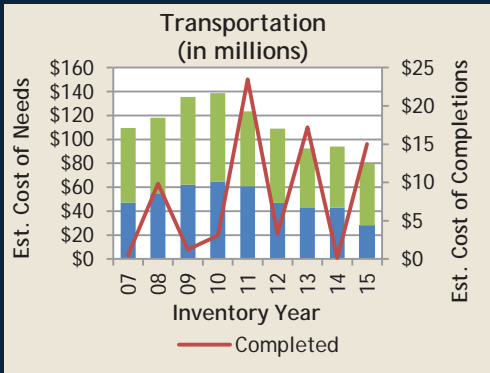
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Warren County

Total Estimated Cost\* for Infrastructure Improvements

**\$129,947,539**

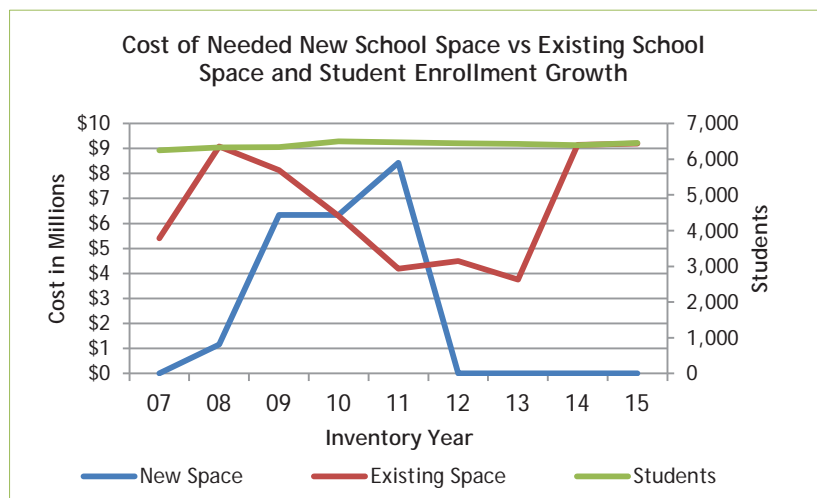
## TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + 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	-	-
<b>Total</b>	<b>\$ 64,713,000</b>	<b>\$ 65,234,539</b>



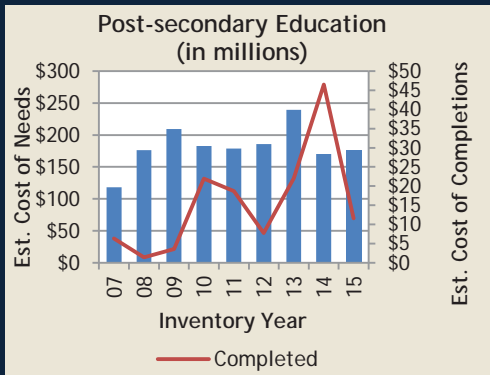
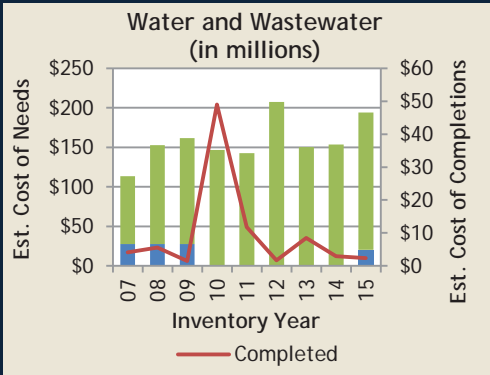
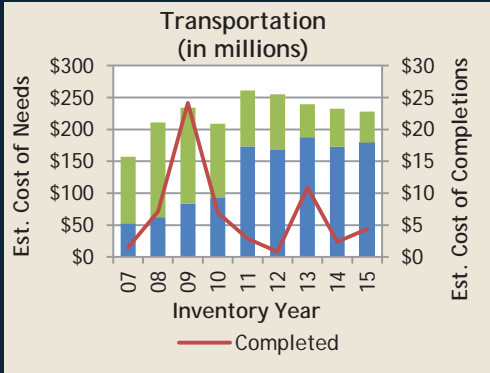
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Washington County

Total Estimated Cost\* for Infrastructure Improvements

**\$836,676,288**

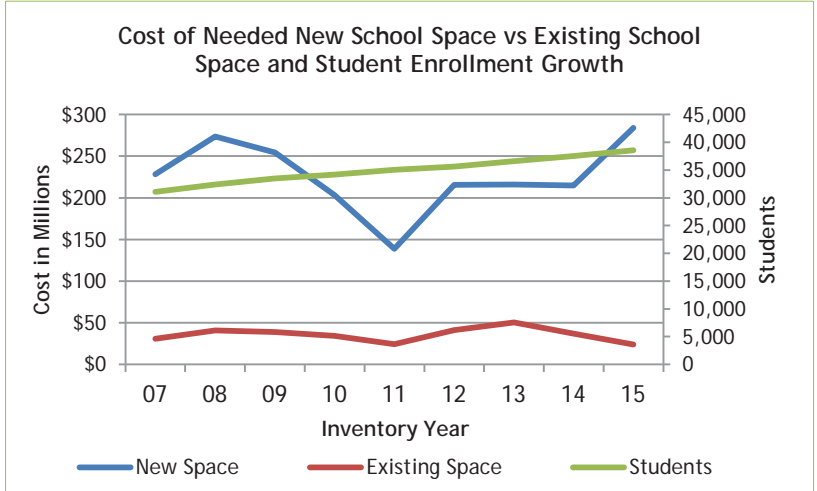
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 96,509,000	\$ 131,248,354
Water and Wastewater	127,249,000	66,905,000
Post-secondary Education	8,550,000	167,761,879
New Public Schools & Additions	96,175,500	500,000
Recreation	12,045,000	27,523,000
School Renovations	20,589,000	16,231,550
Housing	9,530,000	13,000,000
Other Facilities	-	8,000,000
Storm Water	-	7,000,000
Libraries, Museums, & Historic Sites	3,580,000	2,700,000
School-System-wide	4,300,000	-
Law Enforcement	3,729,005	300,000
Community Development	-	3,400,000
Public Health Facilities	2,800,000	-
Public Buildings	350,000	2,300,000
Business District Development	2,000,000	-
Industrial Sites and Parks	1,000,000	900,000
Fire Protection	440,000	-
Solid Waste	60,000	-
Other Education	-	-
Other Utilities	-	-
<b>Total</b>	<b>\$ 388,906,505</b>	<b>\$ 447,769,783</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

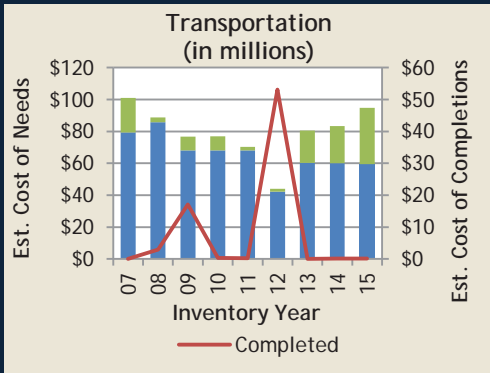


## Wayne County

Total Estimated Cost\* for Infrastructure Improvements

\$129,541,386

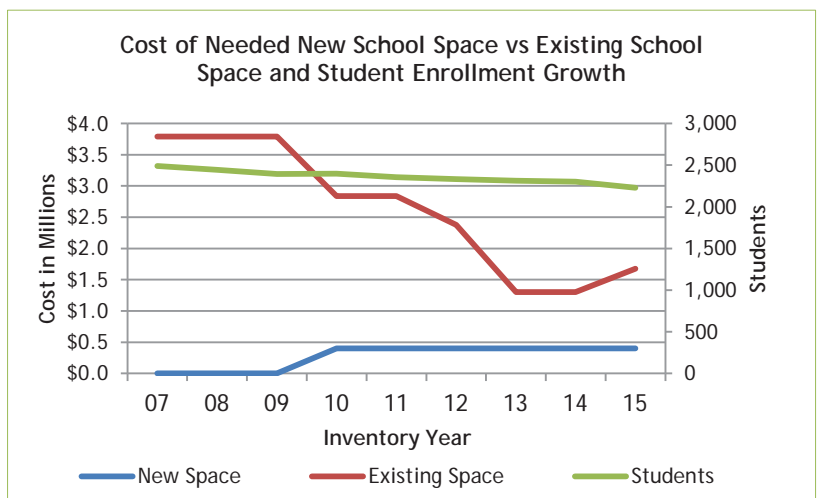
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
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	-	-
<b>Total</b>	<b>\$ 51,997,000</b>	<b>\$ 77,544,386</b>



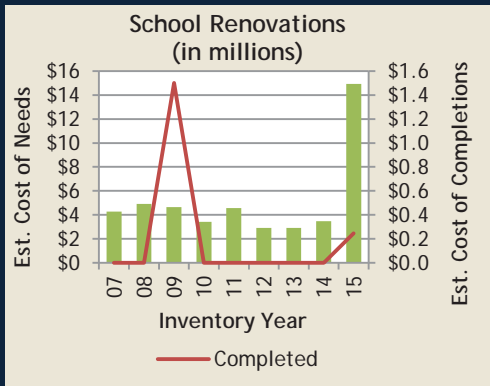
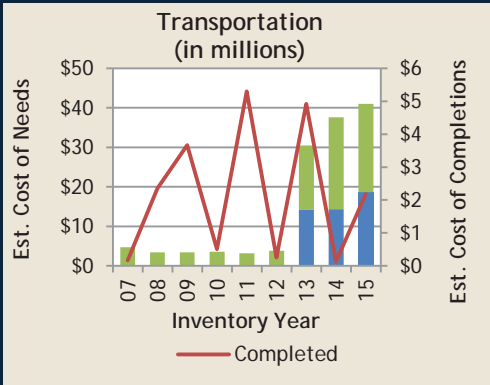
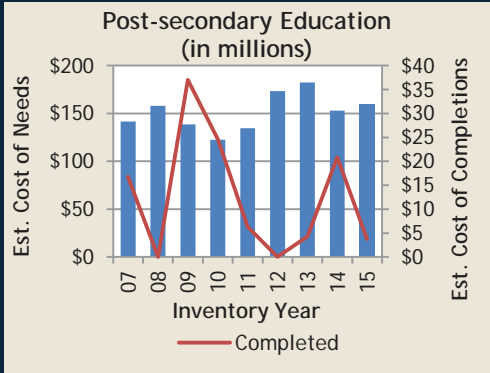
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Weakley County

Total Estimated Cost\* for Infrastructure Improvements

**\$233,474,973**

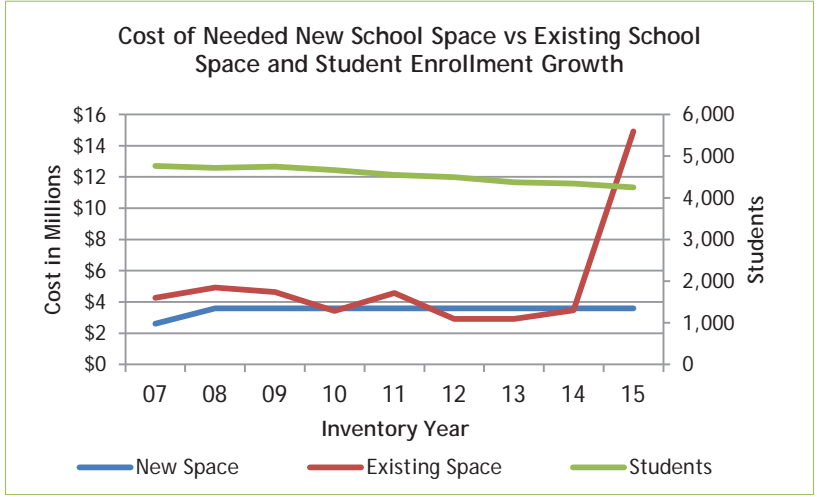
**TOP 3**



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Post-secondary Education	\$ 114,631,000	\$ 44,710,000
Transportation	37,989,000	3,011,445
School Renovations	1,725,000	13,194,976
New Public Schools & Additions	3,600,000	-
Law Enforcement	3,100,000	450,000
Water and Wastewater	2,998,920	180,000
Recreation	850,000	1,284,632
Industrial Sites and Parks	1,900,000	-
Public Buildings	1,550,000	-
Fire Protection	1,300,000	-
Storm Water	1,000,000	-
Business District Development	-	-
Community Development	-	-
Housing	-	-
Libraries, Museums, & Historic Sites	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
Solid Waste	-	-
<b>Total</b>	<b>\$ 170,643,920</b>	<b>\$ 62,831,053</b>



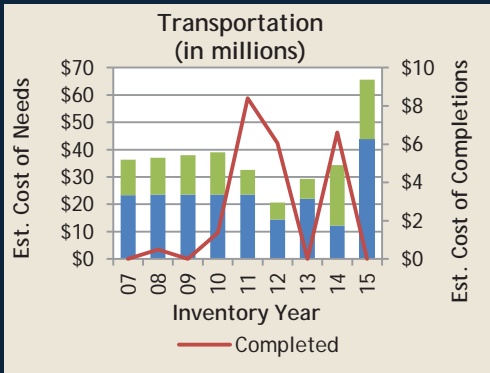
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## White County

Total Estimated Cost\* for Infrastructure Improvements

**\$137,140,589**

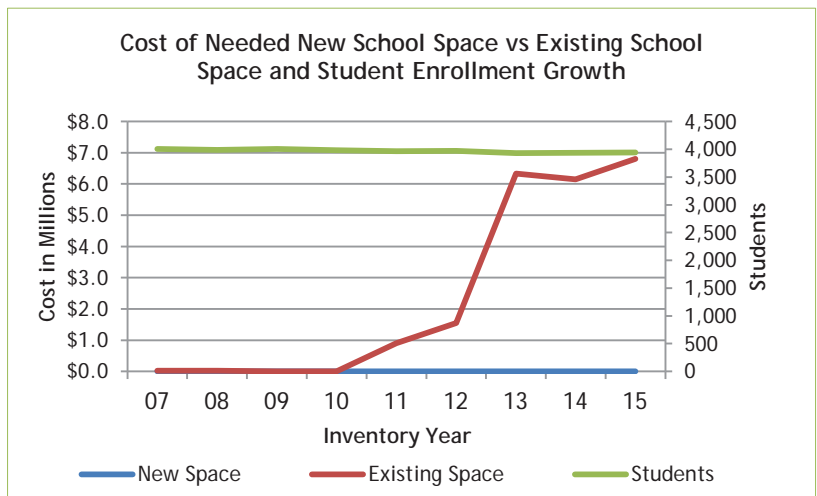
## TOP 3



■ = 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	-
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	-	-
<b>Total</b>	<b>\$ 117,367,000</b>	<b>\$ 19,773,589</b>



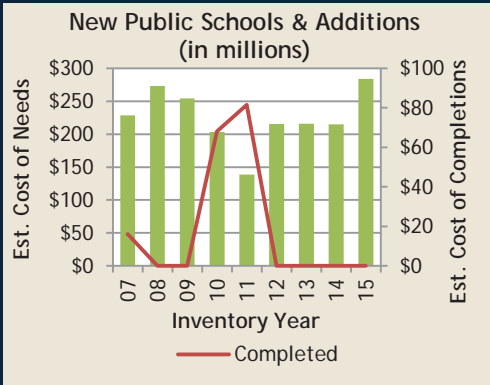
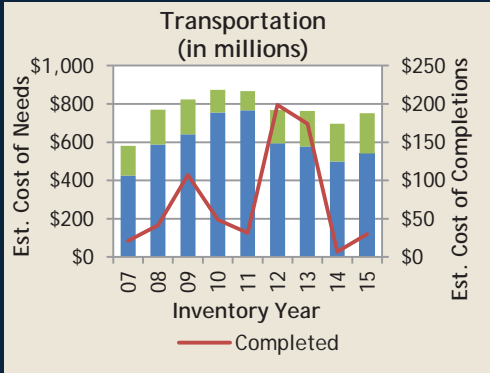
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Williamson County

Total Estimated Cost\* for Infrastructure Improvements

\$1,345,130,211

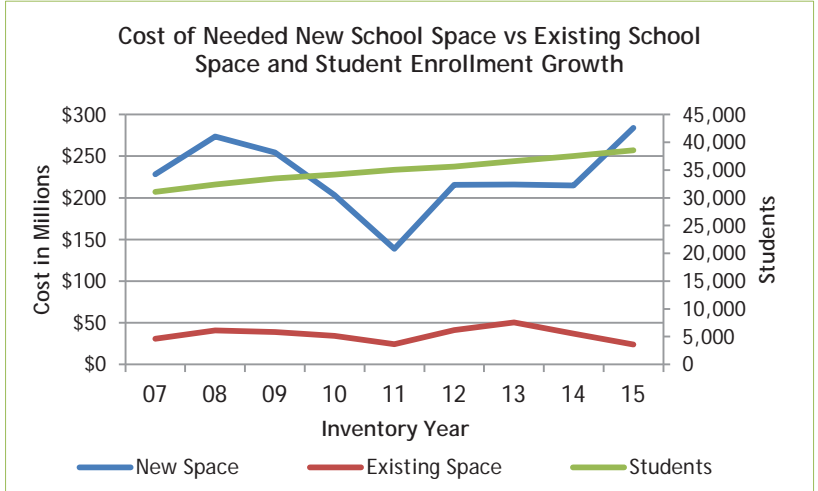
# TOP 3



■ = Local  
■ = Regional (Serves Multiple Counties)

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

Project Type	Conceptual	Planning & Design + Construction
Transportation	\$ 279,885,000	\$ 470,944,146
New Public Schools & Additions	71,000,000	213,120,000
Water and Wastewater	45,471,037	42,182,000
Recreation	19,645,000	57,791,128
Fire Protection	30,408,000	13,926,100
Post-secondary Education	2,050,000	38,500,000
Public Buildings	-	26,500,000
School Renovations	16,478,000	7,541,000
Community Development	5,000,000	284,000
Libraries, Museums, & Historic Sites	-	2,377,800
Solid Waste	-	1,262,000
Storm Water	590,000	-
Business District Development	-	175,000
Housing	-	-
Industrial Sites and Parks	-	-
Law Enforcement	-	-
Other Education	-	-
Other Facilities	-	-
Other Utilities	-	-
Public Health Facilities	-	-
School-System-wide	-	-
<b>Total</b>	<b>\$ 470,527,037</b>	<b>\$ 874,603,174</b>



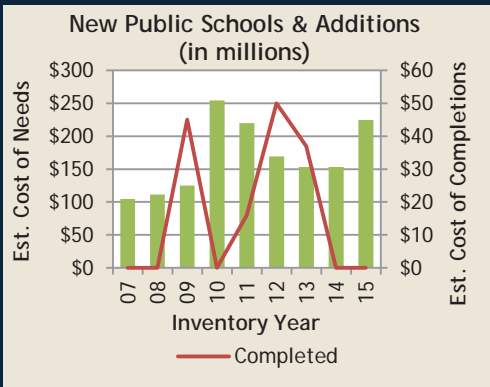
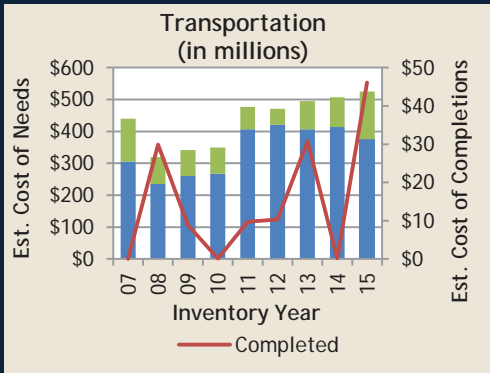
\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Wilson County

Total Estimated Cost\* for  
Infrastructure Improvements

**\$972,357,296**

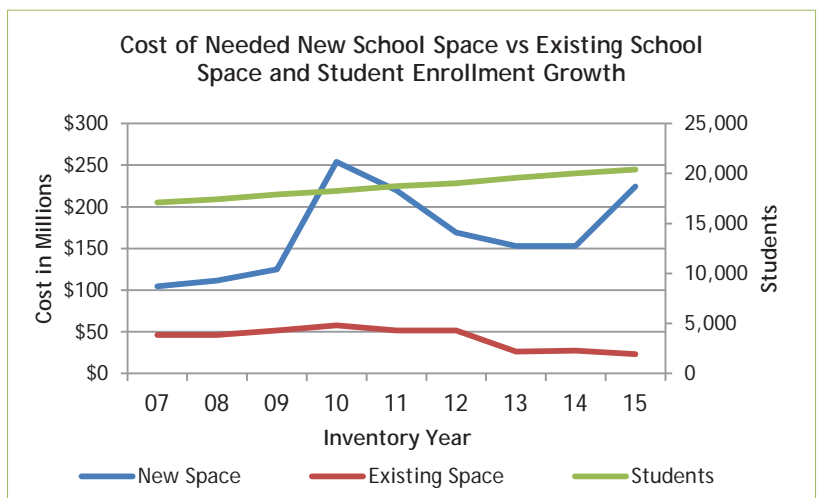
### TOP 3



■ = 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	-	-
<b>Total</b>	<b>\$ 555,823,156</b>	<b>\$ 416,534,140</b>



\*Total Estimated Cost = Conceptual + Planning & Design + Construction

## Multi-county

**Total Estimated Cost\* for Infrastructure Improvements**  
**\$2,537,807,516**

# TOP 3

### Transportation (in millions)

Inventory Year	Est. Cost of Needs	Est. Cost of Completions
07	1000	0
08	1100	0
09	1200	0
10	1400	0
11	1400	0
12	1400	0
13	1400	0
14	1300	0
15	1900	180

### Water and Wastewater (in millions)

Inventory Year	Est. Cost of Needs	Est. Cost of Completions
07	20	0
08	30	0
09	40	0
10	50	0
11	60	0
12	70	0
13	80	0
14	90	0
15	430	0.05

### Other Utilities (in millions)

Inventory Year	Est. Cost of Needs	Est. Cost of Completions
07	5	0
08	10	0
09	15	0
10	20	0
11	25	0
12	30	0
13	35	0
14	40	0
15	105	0.5

- = Local
- = Regional (Serves Multiple Counties)

### 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	-	-
<b>Total</b>	<b>\$ 1,438,987,000</b>	<b>\$ 1,098,820,516</b>

\*Total Estimated Cost = Conceptual + Planning & Design + Construction