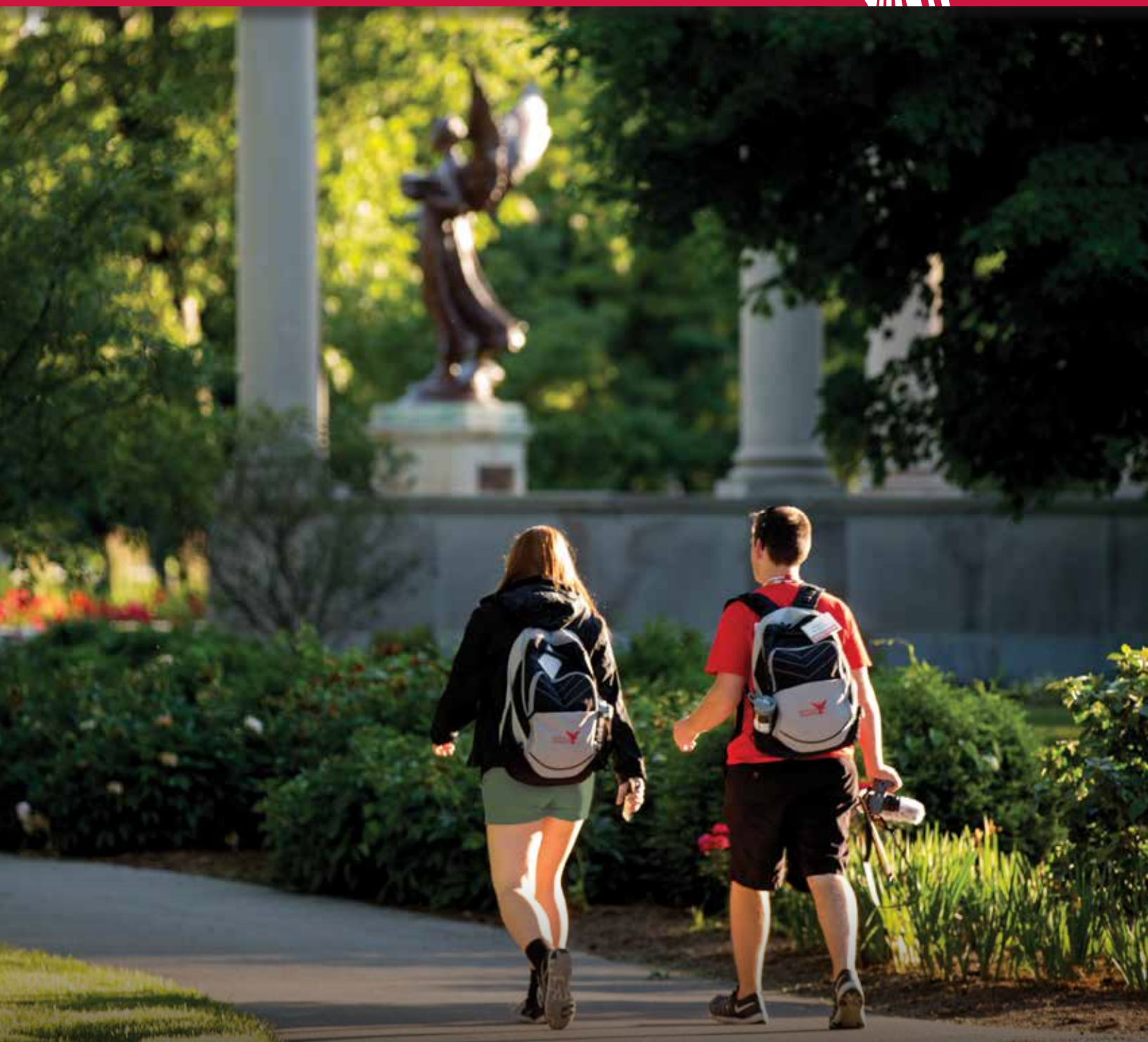
Ball State University



2017–19

Legislative Request Executive Summary

> We're focused on providing high-quality undergraduate experiences both in and out of the classroom through entrepreneurial learning.

Top: *Students plan an exhibit for the Freedom Bus immersive learning project at the Virginia B. Ball Center for Creative Inquiry.*
Bottom: *Victoria Norris, '17, a fall 2015 participant in Schools Within the Context of Community, works with a group of students at Longfellow Elementary School.*

Introduction

Ball State University's request for state appropriations for the 2017–2019 biennium is centered on our unique commitment to investing in faculty and students in the classroom. Ball State's campus commitment goes back to our original mission as a teachers college. The institution has never lost those roots, and this commitment manifests itself today in our faculty teaching load, investments in our New Faculty Academy, and our reinvention of the classroom. We're focused on providing high-quality undergraduate experiences both in and out of the classroom through entrepreneurial learning. The value of a Ball State education is evident in our latest enrollment numbers. This fall, Ball State University welcomed 21,998 students, its third-largest student body in 20 years, including the third-largest class of freshmen in history. The freshman class total of 3,911 is 384 more students than last year. Importantly, this year's freshman class also continues the tradition of strong academic abilities, posting an average GPA of 3.45, and 71 percent of this year's freshman class earned the Indiana Academic Honors Diploma or its equivalent, an 8-point increase since 2012. These investments in our faculty and students are made while still operating in an efficient and cost-effective manner.

In accordance with the budget instructions issued jointly by the Indiana Commission for Higher Education (ICHE) and the State Budget Agency, institutional funding decisions will be made in five areas discussed in subsequent sections: operating appropriations (with changes based on performance funding formulas), line item funding, fee replacement (for approved debt service), repair and rehabilitation, and capital budget requests.

Our requested appropriations are aligned with the university's strategic plan, *The Centennial Commitment (18 by '18)*. The strategic plan outlines 18 major goals for the university to accomplish by 2018, its 100th anniversary. As a public research university, we focus on students and high-quality, relevant educational outcomes. Disciplinary knowledge is integrated with application. We do this in a manner that fundamentally changes students, researchers, and our external partners, who look to the university for guidance. We transform information into knowledge, knowledge into judgment, and judgment into action that addresses complex problems. The requested appropriations also meet the needs of the state of Indiana and its employers by educating individuals to solve problems, work collaboratively, and deliver innovation. Ball State's budget requests include:

- an operating request consisting of base funding and performance funding that allows us to continue delivering student success, as evidenced by our rising four-year graduation rates, and providing innovative and entrepreneurial education in the form of immersive learning, where interdisciplinary student teams led by a faculty mentor provide practical solutions for business and community partners, and other experiences;
- *The Entrepreneurial University* line item, which also supports our strategic plan of delivering a quality education through best practices in online education and uses technology to reach all students; one example is our Achievements app, which helps our Pell Grant recipients engage in the campus community and thus promotes success in college;
- the line item supporting the Indiana Academy for Science, Mathematics, and Humanities;
- Phase II of the STEM and Health Professions Facility Expansion Project;
- College of Architecture and Planning expansion and renovation (Architecture Building);
- Whitinger Business Building renovation;
- rehabilitation, replacement, and extension of campus utility tunnels/infrastructure;
- Department of Theatre and Dance instructional renovation and expansion;
- fee replacement consistent with Indiana Finance Authority schedules; and
- repair and rehabilitation consistent with the state formula.

Backbone of the Hoosier Economy

Ball State University maintains its identity by serving and educating Hoosiers. Eighty-four percent of our undergraduates are from Indiana. Nearly 79 percent—about four of every five—of our graduates choose to stay in Indiana to live, work, and play. Ball State boasts a total of 108,407 alumni residing in Indiana. Investments in Ball State University are investments in Hoosiers. Our signature academic programs such as teaching, architecture, communications, and nursing translate into solid middle class professions that make up the backbone of the Hoosier economy.

According to the Indiana Department of Workforce Development (DWD), the Hoosier Hot 50 Jobs is a listing of the 50 fastest growing, high-wage jobs of tomorrow. The list's ranking for Hoosier Hot 50 Jobs is based on current and expected demand and wages in 2022 for the state of Indiana. The top two professions in demand are signature academic programs on the Ball State campus. Registered nurse is the number one in demand profession with an average salary of $57,000. K–12 teachers are the second profession most in demand with an average salary of $49,000. Other professions in the top 10 that align with strengths in the Miller College of Business include general and operations manager as well as accountant. Rounding out the top 50 are the need for social workers, computer science analysts and programmers, chief financial officers, and construction supervisors. Ball State has robust academic offerings in all of these areas. With our strong history of graduates deciding to remain in the state, an investment in Ball State is an investment in the pipeline of professionals that Hoosier employers need.

Coordinating Academic and Campus Master Plans

The Academic Long Range Plan guides the direction of the institution's academic offerings for the next 20 years. The goal is to organize our academic assets and talent to best serve our distinct role in Indiana. The face of higher education will change greatly, and Ball State is already a proven leader in online higher education, which more and more students are seeking.

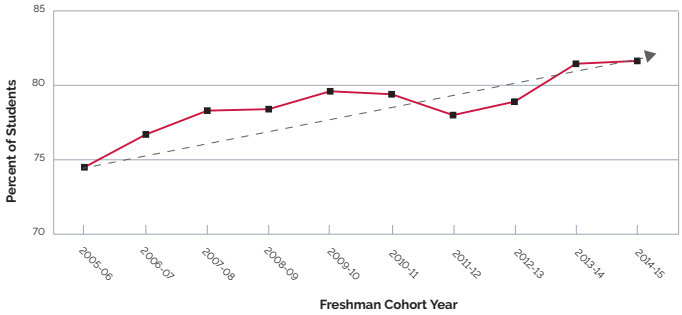
In coordination with the academic plan, the Board of Trustees approved the Campus Master Plan in April 2016 to guide the development of Ball State's physical spaces, facilities, and infrastructure. The Campus Master Plan prioritizes academic building construction and renovation of facilities relevant to the timely needs of the state's workforce. The most pressing need on campus centers on the replacement of the Cooper Science Complex, whose construction dates to 1965 and 1969. The life cycle of this 300,000-square-foot structure has been factored into the Academic and Campus Master plans. For example, the state's approval of Phase I of the new STEM and Health Professions Facility Expansion Project in the 2015–2017 biennium helps Indiana's economic competitiveness and growth in the STEM fields, while the new College of Health building ties into development of the East Quad of the Campus Master Plan. Phase II of the STEM and Health Professions Facility Expansion Project will allow Ball State to contribute to the growing $59 billion life sciences sector in Indiana, part of the 21st century economy where numerous innovations are expected to improve the quality of life for all. Ball State graduates meet the demand for many of these Indiana life science employers. Phase II of the project will also become part of the East Quad, should capital appropriations be approved.

Fiscal Stewardship

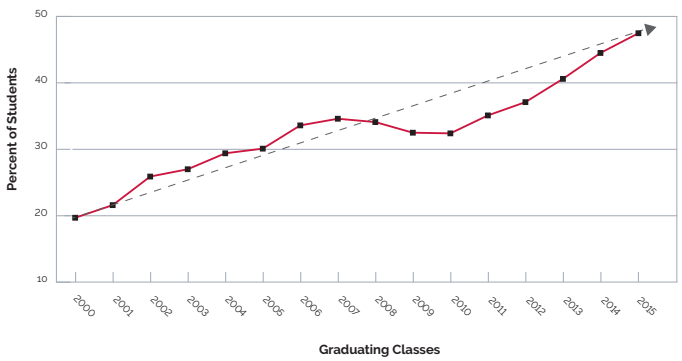
Ball State continues the Hoosier practice of sound fiscal stewardship while delivering quality service. As good stewards of the resources granted to the university by taxpayers, students, and donors, we strive to keep fixed costs as low as possible while providing a quality education. Thanks to strategic investments by the state and federal governments, Ball State University's geothermal project is already saving the university $2 million annually in utility costs. The project, which is expected to be fully complete by summer 2017, provides a substantial boost to the Indiana economy and is a model for other large-scale organizations interested in developing geothermal systems of their own.

Another significant expense for the university is health insurance. The university has been able to offer many wellness incentives such as the $900 annual tobacco-free premium discount and an additional $50 for receiving an annual physical exam plus health coaching and nutrition assessments. Efforts such as these contribute to lower inflation-adjusted 2015–16 projected medical claims, which are 22 percent below 2007–08 levels. In addition, 91 percent of our employees have migrated to a consumer-driven plan. This is a 69 percentage point increase since 2009–2010, when only 22 percent of our employees were enrolled in a consumer-driven plan. These efficiencies have made it possible for the university to keep tuition at the ICHE recommended levels for the past four years.

Freshman Retention Rate
2005–2015



Four-Year Graduation Rate



Operating Appropriations

This request includes base adjustments derived from formulas for performance as specified in the ICHE and State Budget Agency instructions. For a public research institution, these adjustments reflect the university's performance in overall degree completion, at-risk student degree completion, high-impact degree completion, and on-time graduation rates. These metrics serve as proxies for outcomes ICHE has identified in its *Reaching Higher, Delivering Value* strategic plan. We strongly support those outcomes, and the university's strategic plan is aligned with the goals in ICHE's plan.

That alignment has served the university well in terms of this year's expected performance outcomes, as the implementation of our previous and current strategic plans have produced results. In the current biennium, we are demonstrating growth in every metric, and we are meeting every metric with the exception of high-impact doctoral degrees granted, which is flat. While Ball State has been positively meeting the state's metrics, due to the nature of the performance funding formula, Ball State has only recently seen increases in its performance funding. Between the lag time and volume needed to perform well under the performance funding formula, robust baseline funding will remain crucial to Ball State University's ability to make critical investments in our students, faculty, and classrooms.

Hospitality and food management students cater a reception in spring 2016 at the Indiana Statehouse.

Line Item Funding

Traditional classroom in Hargreaves Music Building

Updated interactive learning space in Robert Bell Building

THE ENTREPRENEURIAL UNIVERSITY

Partially funded by the state since 2007, *The Entrepreneurial University* is redefining how higher education is delivered and measured. The initiative distinguishes Ball State from other public institutions in our budgeting peer group and facilitates our vision to be nimble in responding to what students and employers want from higher education.

In particular, Ball State:

- provides distinctive and innovative curricula and academic experiences
- incorporates the use of technology to engage students for purposes of retention and on-time graduation
- invests in faculty professional development so that instruction mirrors real-world learning and the workplace
- delivers measurable outcomes to ensure academic excellence and economic improvement

Over the past decade, Ball State has built interactive learning spaces in Teachers College, the Robert Bell Building, and the Burkhardt Building. To teach in one of these spaces, faculty members must participate in professional development to ensure their classroom delivery reflects best practices in instruction. These interactive learning spaces were designed with input from our students. We know from faculty and student feedback that these classrooms translate into greater use of technology and more collaboration in a team environment. More important, the interactive learning spaces reflect how individuals work in the real world. This line item investment will allow us to speed up the conversion of traditional classroom space to interactive learning spaces.

One example of how the university incorporates the use of technology, faculty development, and reconfigured classroom space while producing measurable outcomes is the Math Emporium. Piloted in the spring of 2015, the Math Emporium represents a new approach to teaching two core curriculum courses with high D/F/W rates: MATH 108 Intermediate Algebra and MATH 111 Pre-calculus Algebra. The Math Emporium concept relies on innovative software called ALEKS, an adaptive learning system that allows for individualized student learning experiences. The software, when combined with the technologically-enhanced classroom environment in Bracken Library, allows students to focus on areas where their needs are greatest and allows faculty to provide more individualized attention to support student success. The courses can be taught in large and small sections, and faculty can avoid traditional lecture-based class sessions in favor of active learning. Initial student outcomes for the Math Emporium are extremely promising: dramatic decreases in the D/F/W rates, improved grade point averages (on average, half a letter grade) in MATH 111, and improved rates of success in subsequent math courses.

During the 2013 budget process, the state legislature recognized Ball State's success in these areas by funding the line item at a $4.1 million increase for each year of the biennium. In the 2015 legislative session, this increase was rolled into the base funding of the university to address historic inequities in baseline funding among the three public research institutions in the state. Therefore, the line item for *The Entrepreneurial University* was reflected as an appropriation of $2.5 million. We are seeking an additional $5 million in funding to expedite the conversion to interactive learning spaces and promote student success.

INDIANA ACADEMY FOR SCIENCE, MATHEMATICS, AND HUMANITIES

This historical line item for the Indiana Academy for Science, Mathematics, and Humanities will enable the state's only public residential high school to maintain its mission of helping gifted and talented Hoosiers reach their potential. Founded by the Indiana General Assembly in 1988, the Indiana Academy is located on the Ball State campus and has been nationally recognized as a premier educational institution. In addition to educating Indiana's best and brightest in a residential setting, the academy has the potential to be part of the dual credit solution for rural areas of the state where students may not have access to dual credit courses.

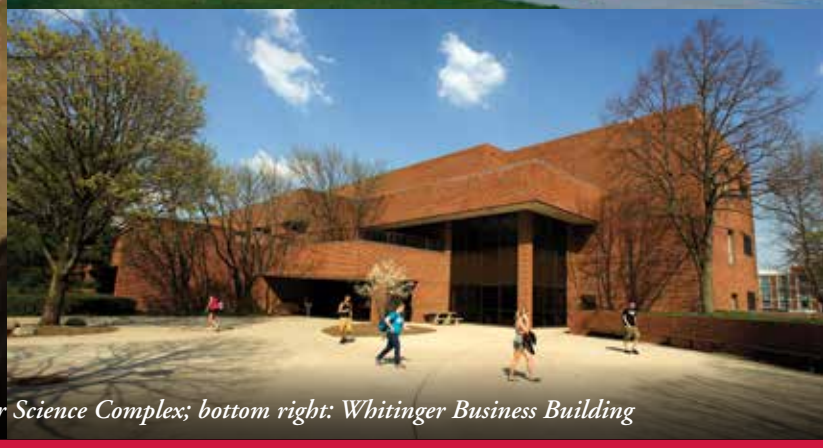
Fee Replacement

The university's debt service will increase in fiscal year 2017–2018 due to new fee-replaced debt to be issued for Phase I of the STEM and Health Professions Facility Expansion Project authorized by the General Assembly in 2015. Debt service will then remain flat for the next three years, after which it will begin to decline.

Repair and Rehabilitation

Repair and rehabilitation of campus facilities play a critical role in maintaining a quality academic environment for teaching and research. Since 2000, due largely to declining revenues, the state has partially funded the repair and rehabilitation (R&R) formula. During that time, Ball State funded R&R projects out of other university funds, federal ARRA appropriations (these funds are now exhausted), or when possible and appropriate, deferred maintenance. Over the long term, however, deferred maintenance jeopardizes the investment Indiana, past generations of students and their families, and university donors have made in our campus. Our approach to repair and rehabilitation is consistent with our broader commitment to sound long-term fiscal stewardship.

About 50 students and faculty members traveled to Rio de Janeiro, Brazil, to provide media coverage of the 2016 Summer Olympics to regional and national outlets including time.com, USA Today College*, and Indiana Public Radio.*



Left: College of Architecture and Planning; top right: Cooper Science Complex; bottom right: Whitinger Business Building

Capital Budget Requests

Ball State's top capital project priority is Phase II of the STEM and Health Professions Facility Expansion Project, estimated to cost $87.5 million. The three buildings in Cooper Science Complex date to the 1960s. Since then, demand for qualified graduates in STEM fields has increased dramatically. At the same time, scientific advancement, science education, and facility safety laws and regulations have significantly changed. The complex is now in critical need of repairs and is undersized and outdated, which is artificially limiting growth in the key areas of biology and chemistry. These academic disciplines are crucial to the success of Ball State and Indiana as a whole, especially in the growing life sciences sector.

In the past 10 years alone, enrollment in chemistry programs has grown by 21 percent and biology by 9 percent. The university does everything possible to accommodate the student demand in these high impact degree areas but each year is forced to turn away qualified student applicants due to lack of science laboratory and classroom space.

In the 2015–2017 biennium, ICHE and the Indiana General Assembly supported the construction of Phase I of the STEM and Health Professions Facility Expansion Project. Phase I will allow the university to colocate our health professions disciplines, with the School of Nursing serving as the anchor. In addition, the Phase I facility will house the majority of our health-related clinics currently scattered throughout the campus.

Phase II of the STEM and Health Professions Facility Expansion Project will allow the hard sciences academic programs to grow on campus and serve as a vital pipeline to the state's life sciences sector.

A new facility for the disciplines of chemistry, biology, and physiology will allow for the expected growth in these disciplines and will help meet the existing need for state-of-the-art spaces and equipment. The facility will feature teaching and research labs, much safer and more modern than those that exist in the current Cooper Science Complex. The total project cost for the new 175,000-square-foot facility will be $87.5 million, a figure lower than those of similar recent projects at other research institutions. Ball State's capital project priorities center on providing students with educational opportunities in cutting-edge environments that simulate the worlds in which they will work after graduation. As a result, we have identified the following five projects as our top priorities for this biennium:

- Phase II of the STEM and Health Professions Facility Expansion Project
- College of Architecture and Planning expansion and renovation
- Whitinger Business Building renovation
- rehabilitation, replacement, andextension of campus utility tunnels/infrastructure
- Department of Theatre and Dance instructional renovation and expansion

Thanks to the state's continued investment in Ball State University, this public institution has been able to remain an accessible higher education option for Hoosier students and their families. This does not occur unless ICHE, the Indiana General Assembly, and Ball State are aligned on matters of workforce development, student success, and sound fiscal stewardship. Over the past several biennia, the university has improved the quality of its academic offerings while attracting some of the best and the brightest students in the state. Ball State's graduation and retention rates continue to climb, and we are the Indiana public higher education institution closest to eliminating the minority achievement gap by 2025. This year's incoming class is the third largest in the university's history. We believe it is our commitment to quality and the student experience that drive them to the doors of Ball State.

Ball State University Dance Marathon, the campus' largest student fundraiser, saw more than 1,000 students raise a record $610,086.23 for Riley Hospital for Children in 2016.

BALL STATE UNIVERSITY

2017-2019 Budget Recommendation:

ICHE 2017-19 Budget Recommendation

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Ball State University
2017-2019 Biennium
Overall Summary

	FY 2017	FY 2018			FY 2019		
	Appropriation	**Appropriation**	**$ Change from FY 2017**	**% Change from FY 2017**	**Appropriation**	**$ Change from FY 2017**	**% Change from FY 2017**
OPERATING							
Base		$126,221,115			$126,221,115		
Reallocation		$4,726,981			$5,452,752		
New Funding		$7,837,508			$8,976,023		
PFF Total		$12,564,489			$14,428,775		
Appropriation	$126,221,115	$134,058,623	$7,837,508	6.2%	$135,197,138	$8,976,023	7.1%
DEBT SERVICE							
Existing		$12,081,850			$12,074,200		
New		$0			$6,095,516		
Total	$16,684,972	$12,081,850	($4,603,122)	-27.6%	$18,169,716	$1,484,744	8.9%
LINE ITEMS							
General Fund	$7,059,006	$7,330,050	$271,044	3.8%	$7,285,979	$226,973	3.2%
BIF Dedicated Funds	$0	$0	$0		$0	$0	
REPAIR & REHABILITATION							
Total	$2,647,493	$2,715,486	$67,993	2.6%	$2,715,486	$67,993	2.6%
General Fund Total	**$152,612,586**	**$156,186,009**	**$3,573,423**	**2.3%**	**$163,368,319**	**$10,755,733**	**7.0%**
Total	**$152,612,586**	**$156,186,009**	**$3,573,423**	**2.3%**	**$163,368,319**	**$10,755,733**	**7.0%**

Ball State University
2017-2019 Biennium
Peformance Funding Summary

	Total Units	FY 2018			FY 2019		
		Per Unit Value	Funding	% of Total	Per Unit Value	Funding	% of Total
Overall Degree Completion Metric							
18-29 Cr Cert							
1 Yr Cert							
Associate							
Bachelor	487	$6,922	$3,371,014	26.8%	$7,949	$3,871,163	26.8%
Master	115	$3,461	$398,015	3.2%	$3,975	$457,125	3.2%
Doctoral	10	$1,731	$17,310	0.1%	$1,987	$19,870	0.1%
			$3,786,339	**30.1%**		**$4,348,158**	**30.1%**
At-Risk Degree Completion Metric							
18-29 Cr Cert							
1 Yr Cert							
Associate							
Bachelor	220	$5,192	$1,142,240	9.1%	$5,962	$1,311,640	9.1%
			$1,142,240	**9.1%**		**$1,311,640**	**9.1%**
High Impact Degree Completion Metric							
Bachelor	79	$17,305	$1,367,095	10.9%	$19,873	$1,569,967	10.9%
Master	0	$12,114	$0	0.0%	$13,911	$0	0.0%
Doctoral	0	$6,057	$0	0.0%	$6,956	$0	0.0%
			$1,367,095	**10.9%**		**$1,569,967**	**10.9%**
Student Persistence Metric							
15 CH							
30 CH (2 YR)							
30 CH (4 YR)							
45 CH							
60 CH							
Remediation Success Metric							
Math							
English							
Math & English							
On-Time Graduation Rate Metric							
2 Year							
4 Year	315	$19,901	$6,268,815	49.9%	$22,854	$7,199,010	49.9%
			$6,268,815	**49.9%**		**$7,199,010**	**49.9%**
TOTAL		**$12,564,489**			**$14,428,775**		

Ball State University
Operating Funding Per FTE
2017-2019

	2014-15 Resident FTE	FY 2017			FY 2018				FY 2019			
		Approp	Approp FTE Adjustment	Approx. Approp per FTE	Approp	Approp FTE Adjustment	Approx. Approp per FTE	FY 2018 vs FY 2017	Approp	Approp FTE Adjustment	Approx. Approp per FTE	FY 2019 vs FY 2017
BSU	15,546	$126,221,115	$0	$8,119	$134,058,623	$0	$8,623	6.2%	$135,197,138	$0	$8,697	7.1%

Ball State University
2017-2019 Biennium
Capital Project Request Summary (State Funded Projects Only)

Project Request							Recommended		FY 2018		FY 2019	
Project Name	**SBA Project Number**	**Priority**	**Prev Apprvd By General Assembly**	**Campus**	**Total Project Cost**	**Requested State Funds**	**Funding**	**Funding Method**	**Debt Service**	**Cash**	**Debt Service**	**Cash**
STEM and Health Professions Facilities - Phase II	D-1-17-1-01	1	No	BSU	$87,500,000	$87,500,000	$77,600,000	Debt Service			$6,095,516	
College of Architecture and Planning Expansion and Renovation	D-1-11-2-01	2	No	BSU	$30,000,000	$30,000,000	$0					
Whitinger Business Building Renovation	D-1-17-2-01	3	No	BSU	$20,300,000	$20,300,000	$0					
Campus Utility Infrastructure Upgrades	D-1-11-2-02	4	No	BSU	$12,000,000	$12,000,000	$0					
Department of Theatre and Dance Instructional Venue	D-1-15-1-01	5	No	BSU	$6,750,000	$6,750,000	$0					
Ball State University Total					**$156,550,000**	**$156,550,000**	**$77,600,000**				**$6,095,516**	

Ball State University
2017-2019 Biennium
Line Item Request Summary

	FY 2017		FY 2018						FY 2019					
			General Fund			BIF Dedicated Funds			General Fund			BIF Dedicated Funds		
	General Fund	BIF Dedicated Funds	Requested	Recommended	FY 2018 vs FY 2017	Requested	Recommended	FY 2018 vs FY 2017	Requested	Recommended	FY 2019 vs FY 2017	Requested	Recommended	FY 2019 vs FY 2017
College for Sciences, Math and Humanities	$4,384,956	$0	$4,495,000	$4,495,000	2.5%	$0	$0		$4,607,000	$4,538,429	3.5%	$0	$0	
Dual Credit: Ball State University	$174,050	$0	$247,550	$247,550	42.2%	$0	$0		$247,550	$247,550	42.2%	$0	$0	
Entrepreneurial University	$2,500,000	$0	$7,500,000	$2,587,500	3.5%	$0	$0		$2,500,000	$2,500,000	0.0%	$0	$0	
Ball State University Total	**$7,059,006**	**$0**	**$12,242,550**	**$7,330,050**	**3.8%**	**$0**	**$0**		**$7,354,550**	**$7,285,979**	**3.2%**	**$0**	**$0**	

Ball State University
Dual Credit Line Item Funding
2017-2019

	FY 2017	2014-15 T+HP Credit Awarded	FY 2018		FY 2019	
			Per Credit Value $50	FY 2018 vs FY 2017	Per Credit Value $50	FY 2019 vs FY 2017
BSU	$174,050	4,951	$247,550	42.2%	$247,550	42.2%

Ball State University
Repair and Rehabilitation Funding
2017-2019

	FY 2017 Funding	R&R Asset Total	Infrastructure Asset Total	Funding			FY 2018		FY 2019	
				R&R 0.5%	Infrastructure 0.5%	Total	Approp	FY 2018 vs FY 2017	Approp	FY 2019 vs FY 2017
BSU	$2,647,493	$828,603,843	$257,590,440	$4,143,020	$1,287,952	$5,430,972	$2,715,486	2.6%	$2,715,486	2.6%

APPENDIX: Capital Project Requests

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

General Project Information

Project Name/Title:	STEM and Health Professions Facilities - Phase II	Institutional Priority:	1
Budget Agency Project No:	D-1-17-1-01	Project Type:	New Construction
Previously Approved by General Assembly:	No	Previously Recommended by CHE:	No

Project Summary

The Cooper Science Complex has long been the home for key instructional and research components for major departments within the College of Sciences and Humanities. The “Sputnik-era” design of Cooper represents its era well; it is a robustly structured facility that was specifically tailored to the Physical and Life Sciences education of its time but is no longer appropriate for modern pedagogies or research modalities. The rigidity of the plan, the structural module and low floor-to-floor heights work against the flexibility and openness sought within current Sciences planning, and modern standards for assignable area per station in both instructional and research environments are difficult to achieve.

The massive Cooper Science Complex (nearly 300,000 square feet) was constructed in three phases in the mid-1960's. Since then, the building has served as the home of science programs that have pushed the limits of the building's systems. The building components that are critical to a science building, such as exhaust fans, air handling units, and water systems, have reached the end of their useful lives. Electrical systems are worn, prone to overheating, unreliable, and pose potential risks of arc flashing and melting when operated. Utility chases are overcrowded, contain asbestos insulation, and corroded. The University endeavors to undertake a multi-phased project that would address the needs of programs currently housed within Cooper.

Phase I involves construction of a new Health Professions Building which was approved by the 2015 General Assembly and planning for which is currently underway. Nursing and Health Science would then relocate from the Cooper Complex to the new Health Professions Building. This Phase II request, which is Ball State University's highest priority request for the 2017-19 biennium, seeks approval for the construction of a new hard science building that would house Chemistry, Biology, Physiology, and Geology.

Summary of the Impact on the Educational Attainment of Students

Ball State University's recent Campus Master Plan identified existing deficiencies in space quantities for the College of Sciences and Humanities, many related to the conditions of the Cooper Complex. In addition, the University and the State recognize that STEM education is an area of growth and is expected to continue to be so for the coming years. Growth the Sciences in particular will likely be an area of focus, further exacerbating their qualitative and quantitative space deficiencies.

The Chemistry and Biology departments have grown by double digits over the last decade. To the extent possible, the University has made strides to accommodate this growth within these high impact fields, but hundreds of qualified students each year are denied the opportunity to pursue degrees in these areas due to lack of science laboratory and classroom space.

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Project Size

	GSF	ASF	ASF/GSF
Project Size:	175,000	96,250	55%
Net Change in Overall Campus Space:	175,000	96,250	

Project Cost Summary

Total Project Cost:	$87,500,000	Cost Per GSF/ASF:	$500 **GSF** $909 **ASF**

Project Funding

	Funding Amount	Funding Type	Funding Source Description
Funding Sources:	$87,500,000	State	Bonding authority under Indiana Code 21-34-6 through 10
Total Funding	**$87,500,000**		

Annual Cost

Estimated annual change in cost of building operations based on the project:	$0
Estimated annual repair and rehabilitation investment:	$0

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Detail Description of Project

Subsequent to the new Health Professions Building, a new facility for Chemistry, Biology and Physiology is proposed. This building will accommodate both the expected growth within these programs and the need for state-of-the-art spaces and equipment. These are the programs with the most technical space and infrastructure demands, and the most difficult to accommodate within Cooper. The new Hard Sciences building will be located on the East Quad, partnering with the College of Health building to create a critical mass of academic space in the southeast corner of campus.

The new building will feature teaching and research labs for the hard science programs along with required preparatory and support spaces. Additional space will include department offices, meeting rooms, collaborative spaces, and informal student spaces. A full programmatic review will be undertaken upon project approval.

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Need & Purpose

The university's Cooper Science Complex was built in the mid-1960s. During the past 50 years, demand for qualified graduates in Science, Technology, Engineering, and Math (STEM) fields in Indiana has increased dramatically. At the same time, much has changed in scientific advancement, science education, and facility safety laws and regulations. To the extent possible, the building systems and configurations have been modified to accommodate the ever-changing curricula required for students in these disciplines and the need for faculty and student research laboratories, as well as enrollment growth. However, the complex is now in critical need of repairs and is undersized and outdated, artificially limiting growth for key programs such as chemistry and biology. Building systems are failing as the systems reach the end of their useful lives. The building configuration and limited floor-to-floor heights prevent replacement of these systems to the extent necessary. Utility chases are overcrowded as a result of trying to make a 1960's-era building evolve with changes in scientific advancement. Continuing to push the building to meet the demands being placed upon it will only hasten the continued failure of building systems.

The STEM disciplines are critical to the success of not only Ball State but also the state as a whole. Project will allow Ball State to contribute to the growing $59 billion life sciences sector in Indiana, part of the 21st century economy where numerous innovations are expected to contribute to the quality of life for all. Ball State graduates serve as the pipeline for many of these Indiana life science employers.

Phase II of the project will also become part of the East Quad, should capital appropriations be approved.

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Space Utilization

The Campus Master Plan indicates that at a high level, the College of Sciences & Humanities has significant space deficits to account for over the next ten years, particularly with respect to Instructional and Research Labs.
In addition, the Master Plan illustrates that the average assignable square foot per station in Chemistry and Biology Teaching Labs is in the low 40's instead of 50 as expected in a modern facility. Smaller station size in Labs puts greater pressure on Lab Support, storage and prep spaces, further impacting functionality and flexibility of space overall.

Comparable Projects

IUPUI - new neuroscience research building - $53 million (2012) for 74,000ASF ($716/ASF)
Middle Tennessee State - new science teaching and research building - $147 million (2013) for 256,000SF ($574/SF)
Vanderbilt - new engineering and science building - $109 million (2014) for 230,000SF ($474/SF)
Michigan - new biological science building - $261 million (2015) for 300,000SF ($870/SF)
Kentucky - new academic science building - $112 million (2014) for 240,000SF ($467/SF)

Background Materials

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Overall Space in ASF

Space Type Name	Current Space In Use	Space Under Construction	Space Planned And Funded	Subtotal Current And Future Space	Space to be Terminated	New Space In Capital Request	Net Future Space
Classroom (110 & 115)	140,931	0	5,662	146,593	0	9,540	156,133
Class Lab (210, 215, 220, 225, 230, 235)	372,038	0	7,055	379,093	0	29,540	408,633
Non-class Lab (250 & 255)	34,877	0	0	34,877	0	22,900	57,777
Office Facilities (300)	653,518	0	29,580	683,098	0	14,780	697,878
Study Facilities (400)	192,153	0	0	192,153	0	6,390	198,543
Special Use Facilities (500)	419,873	0	30,843	450,716	0	0	450,716
General Use Facilities (600)	312,618	0	0	312,618	0	0	312,618
Support Facilities (700)	110,469	0	0	110,469	0	13,100	123,569
Health Care Facilities (800)	7,249	0	19,360	26,609	0	0	26,609
Resident Facilities (900)	1,844,643	0	0	1,844,643	0	0	1,844,643
Unclassified (000)	616,653	0	0	616,653	0	0	616,653
TOTAL SPACE	4,705,022	0	92,500	4,797,522	0	96,250	4,893,772

Space Detail Notes

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Anticipated Construction Schedule

Bid Date:	December	2018
Start Construction:	January	2019
Occupancy (End Date):	July	2021

Estimated Cost for Project

		Cost Basis	Escalation Factors	Project Cost
Planning Costs	Engineering	$0	$0	$0
	Architectural	$6,646,000	$545,000	$7,191,000
	Consulting	$0	$0	$0
Construction	Structure	$27,016,000	$2,215,000	$29,231,000
	Mechanical (HVAC, plumbing, etc.)	$27,016,000	$2,215,000	$29,231,000
	Electrical	$13,508,000	$1,108,000	$14,616,000
Other	Movable Equipment	$4,457,000	$365,000	$4,822,000
	Fixed Equipment	$608,000	$50,000	$658,000
	Site Development/Land Acquisition	$1,566,000	$128,000	$1,694,000
	Miscellaneous	$53,000	$4,000	$57,000
	Total Estimated Cost	**$80,870,000**	**$6,630,000**	**$87,500,000**

Cost Detail Notes

Institution:	Ball State University	**Project:**	STEM and Health Professions Facilities - Phase II
Biennium:	2017-2019	**Project No:**	D-1-17-1-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Annual Operating Cost/Savings

	Personnel Services	Supplies and Expenses	Total Operating Cost	Cost per GSF
Operations	$0	$0	$0	$0.00
Maintenance	$0	$0	$0	$0.00
Fuel	$0	$0	$0	$0.00
Utilities	$0	$0	$0	$0.00
Other	$0	$0	$0	$0.00
Total Estimated Cost	**$0**	**$0**	**$0**	**$0.00**

Cost Detail Notes

No net cost change anticipated with move from Cooper to new building.

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

General Project Information

Project Name/Title:	College of Architecture and Planning Expansion and Renovation	Institutional Priority:	2
Budget Agency Project No:	D-1-11-2-01	Project Type:	Major Repair and Rehabilitation
Previously Approved by General Assembly:	No	Previously Recommended by CHE:	No

Project Summary

Renovation of the College of Architecture & Planning (CAP) building on campus of Ball State University, including the standard replacement, upgrading, or renovation of the building's major mechanical and electrical services and wear surfaces. Additional space will be constructed to accommodate studios and model fabrication shops.

Summary of the Impact on the Educational Attainment of Students

The College of Architecture & Planning is the only state-supported school of architecture in Indiana. The renovation of CAP is a component of the University's strategic plan to increase enrollment in one of its signature schools. The addition of studios will permit the faculty to maintain the cutting-edge curriculum that is tied to the strength and capacity of our physical and technological resources.

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Project Size

	GSF	ASF	ASF/GSF
Project Size:	166,953	110,445	66%
Net Change in Overall Campus Space:	20,203	16,162	

Project Cost Summary

Total Project Cost:	$30,000,000	Cost Per GSF/ASF:	$180 **GSF** $272 **ASF**

Project Funding

	Funding Amount	Funding Type	Funding Source Description
Funding Sources:	$30,000,000	State	Bonding authority under Indiana Code 21-34-6 through 10
Total Funding	**$30,000,000**		

Annual Cost

Estimated annual change in cost of building operations based on the project:	$120,000
Estimated annual repair and rehabilitation investment:	$0

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Detail Description of Project

The College of Architecture and Planning (CAP) Renovation Project is a component of Ball State University's strategic plan to expand enrollment and improve the facility. This 146,750 square foot building has two parts. The first section was built in 1972, while the second section was added in 1980. The building is located on the southeast corner of the intersection of McKinley Avenue and Neely Avenue. The building currently houses the entire College of Architecture and Planning, including several research and service centers and institutes (such as the Institute for Digital Fabrication, the Land Design Institute, and their well-known center for Community Based Projects). After the renovation the building will continue to house CAP and its affiliated centers. CAP is the only state-supported school of architecture in Indiana.

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Need & Purpose

The purpose of the renovation is two-fold. First, the standard replacement, upgrading, or renovation of the building's major mechanical and electrical services and wear surfaces will be performed. This will include upgrading of electrical systems, fiber optic cabling, plumbing, and HVAC units. A portion of the roof will be replaced, and bathroom facilities need to be expanded and made ADA compliant. Currently, there is one bathroom (men or women) per floor. Due to the tremendous increase in the ratio of female students in CAP, a second bathroom will be necessary in that part of the building. Finally, the staircases built in 1970 do not meet the "place of refuge" requirements under the ADA. This necessitates a re-design during the renovation.

Second, in order to meet the need to increase enrollment in this signature program at Ball State, 13 additional studios will be constructed. A substantial amount of functional space will be re-commissioned for studio use as part of the renovation project, although approximately 16,000 square feet of added space may be necessary to achieve the overall programmatic needs of the college.

Additionally, the designers will be charged with developing new space to accommodate the need for larger wood, plastic, and steel fabrication and modeling shops. The need for this specialized space reflects the technological sea-change that has occurred in the fields of architecture, landscape architecture, and urban design.

In former times, students were trained and spent hundreds and hundreds of hours creating scale models of their building, landscape or metropolitan area. Today's students draw and make models by hand during their first year of study. However, for their remaining years on campus they will additionally adopt the use of high-end CAD, GIS, and other software to create their projects. Then their designs are translated into two and three dimensional drawings or structures by the very active and sophisticated modeling, prototyping, and fabrication shops at CAP. For this reason, it is critical that the renovation include provision for larger shops to accommodate the increasing demands of the curriculum.

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Space Utilization

The renovation of this building will not interfere with or be constrained by other capital improvement projects. This is not a phased project.

Comparable Projects

This project would be comparable to the Central Campus Academic Renovation Project which included the renovation of the North Quadrangle (2011), Teachers College (2014), and Applied Technology (2016) buildings over the last several years. The CAP renovation should be of comparable cost per square foot, with inflationary increases as expected.

Background Materials

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Overall Space in ASF

Space Type Name	Current Space In Use	Space Under Construction	Space Planned And Funded	Subtotal Current And Future Space	Space to be Terminated	New Space In Capital Request	Net Future Space
Classroom (110 & 115)	140,931	0	5,662	146,593	0	0	146,593
Class Lab (210, 215, 220, 225, 230, 235)	372,038	0	7,055	379,093	0	16,162	395,255
Non-class Lab (250 & 255)	34,877	0	0	34,877	0	0	34,877
Office Facilities (300)	653,518	0	29,580	683,098	0	0	683,098
Study Facilities (400)	192,153	0	0	192,153	0	0	192,153
Special Use Facilities (500)	419,873	0	30,843	450,716	0	0	450,716
General Use Facilities (600)	312,618	0	0	312,618	0	0	312,618
Support Facilities (700)	110,469	0	0	110,469	0	0	110,469
Health Care Facilities (800)	7,249	0	19,360	26,609	0	0	26,609
Resident Facilities (900)	1,844,643	0	0	1,844,643	0	0	1,844,643
Unclassified (000)	616,653	0	0	616,653	0	0	616,653
TOTAL SPACE	4,705,022	0	92,500	4,797,522	0	16,162	4,813,684

Space Detail Notes

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Anticipated Construction Schedule

Bid Date:	January	2018
Start Construction:	May	2018
Occupancy (End Date):	August	2019

Estimated Cost for Project

		Cost Basis	Escalation Factors	Project Cost
Planning Costs	Engineering	$0	$0	$0
	Architectural	$2,272,000	$182,000	$2,454,000
	Consulting	$0	$0	$0
Construction	Structure	$12,627,000	$1,010,000	$13,637,000
	Mechanical (HVAC, plumbing, etc.)	$7,575,000	$606,000	$8,181,000
	Electrical	$5,051,000	$404,000	$5,455,000
Other	Movable Equipment	$0	$0	$0
	Fixed Equipment	$0	$0	$0
	Site Development/Land Acquisition	$0	$0	$0
	Miscellaneous	$253,000	$20,000	$273,000
	Total Estimated Cost	**$27,778,000**	**$2,222,000**	**$30,000,000**

Cost Detail Notes

Institution:	Ball State University	**Project:**	College of Architecture and Planning Expansion and Renovation
Biennium:	2017-2019	**Project No:**	D-1-11-2-01
Submitted:	Yes	**Last Updated:**	9/6/2016 2:22 PM

Annual Operating Cost/Savings

	Personnel Services	Supplies and Expenses	Total Operating Cost	Cost per GSF
Operations	$36,400	$0	$36,400	$0.22
Maintenance	$0	$31,900	$31,900	$0.19
Fuel	$0	$8,700	$8,700	$0.05
Utilities	$0	$28,800	$28,800	$0.17
Other	$0	$14,200	$14,200	$0.09
Total Estimated Cost	**$36,400**	**$83,600**	**$120,000**	**$0.72**

Cost Detail Notes

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

General Project Information

Project Name/Title:	Whitinger Business Building Renovation	Institutional Priority:	3
Budget Agency Project No:	D-1-17-2-01	Project Type:	Major Repair and Rehabilitation
Previously Approved by General Assembly:	No	Previously Recommended by CHE:	No

Project Summary

The Whitinger Business Building opened in 1978 and underwent a minor cosmetic renovation of interior corridors in 2004. The proposed renovation of the Whitinger Business Building will include upgrade of life safety systems, replacement of all main air handling units, and evaluation of all other systems. The mechanical, plumbing and electrical infrastructure and systems are original to the building and in need of major upgrading or replacement. Renovation of classrooms and updates to finishings would also be undertaken as part of the renovation.

Summary of the Impact on the Educational Attainment of Students

The work will not only provide for the necessary life safety and mechanical, electrical, and HVAC improvements, but also modernize classrooms to support today’s teaching and learning practices.

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Project Size

	GSF	ASF	ASF/GSF
Project Size:	93,763	59,241	63%
Net Change in Overall Campus Space:	0	0	

Project Cost Summary

Total Project Cost: $20,300,000

Cost Per GSF/ASF: $217 **GSF**; $343 **ASF**

Project Funding

	Funding Amount	Funding Type	Funding Source Description
Funding Sources:	$20,300,000	State	Bonding authority under Indiana Code 21-34-6 through 10
Total Funding	**$20,300,000**		

Annual Cost

Estimated annual change in cost of building operations based on the project:	$0
Estimated annual repair and rehabilitation investment:	$0

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Detail Description of Project

The nearly 94,000 gross square foot Whitinger Business Building opened in 1978. The building houses the offices of the Miller College of Business (MCOB) and its Departments of Accounting, Economics, Finance and Insurance, Information Systems and Operations Management (ISOM), Marketing, and Management. The college has several nationally recognized programs, including those in entrepreneurial management, selling, and accounting. Also housed in the building is the Center for Business and Economic Research (CBER), an economic policy and forecasting research center that is nationally recognized.

Most of the mechanical, plumbing and electrical infrastructure and systems of the Whitinger Building are original to the building. Renovation will address inefficiencies in these systems and make the building more efficient as a result. Additionally, upgrades to lighting, elevators, and finishes will be addressed throughout the building. Exterior work will be limited to minor tuck pointing and caulking.

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Need & Purpose

The purpose of the renovation is primarily to address mechanical, electrical, air quality, and safety issues. Major systems inside the building are outdated and functioning at less-than-ideal levels. In addition, upgrading systems such as the fire alarm system will ensure that students and staff are safer.

The Whitinger Building will also see upgrades to the 1970's-era classroom spaces as a result of the renovation. This work will further Ball State’s efforts to provide students with modern classrooms to support innovative teaching practices and facilitate greater levels of student engagement with course material.

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Space Utilization

Modernization of the classrooms in Whitinger Building should improve utilization since the current classrooms are outdated and do not meet today's pedagogical needs.

Comparable Projects

This project would be comparable to the Central Campus Academic Renovation Project which included the renovation of the North Quadrangle (2011), Teachers College (2014), and Applied Technology (2016) buildings over the last several years. The Whitinger renovation should be of comparable cost per square foot, with inflationary increases as expected.

Background Materials

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Overall Space in ASF

Space Type Name	Current Space In Use	Space Under Construction	Space Planned And Funded	Subtotal Current And Future Space	Space to be Terminated	New Space In Capital Request	Net Future Space
Classroom (110 & 115)	140,931	0	5,662	146,593	0	0	146,593
Class Lab (210, 215, 220, 225, 230, 235)	372,038	0	7,055	379,093	0	0	379,093
Non-class Lab (250 & 255)	34,877	0	0	34,877	0	0	34,877
Office Facilities (300)	653,518	0	29,580	683,098	0	0	683,098
Study Facilities (400)	192,153	0	0	192,153	0	0	192,153
Special Use Facilities (500)	419,873	0	30,843	450,716	0	0	450,716
General Use Facilities (600)	312,618	0	0	312,618	0	0	312,618
Support Facilities (700)	110,469	0	0	110,469	0	0	110,469
Health Care Facilities (800)	7,249	0	19,360	26,609	0	0	26,609
Resident Facilities (900)	1,844,643	0	0	1,844,643	0	0	1,844,643
Unclassified (000)	616,653	0	0	616,653	0	0	616,653
TOTAL SPACE	4,705,022	0	92,500	4,797,522	0	0	4,797,522

Space Detail Notes

Renovation of existing space only. No new space will be added to the building.

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Anticipated Construction Schedule

Bid Date:	December	2018
Start Construction:	February	2019
Occupancy (End Date):	August	2020

Estimated Cost for Project

		Cost Basis	Escalation Factors	Project Cost
Planning Costs	Engineering	$0	$0	$0
	Architectural	$1,575,000	$325,000	$1,900,000
	Consulting	$0	$0	$0
Construction	Structure	$2,820,000	$660,000	$3,480,000
	Mechanical (HVAC, plumbing, etc.)	$5,640,000	$1,200,000	$6,840,000
	Electrical	$5,640,000	$1,200,000	$6,840,000
Other	Movable Equipment	$540,000	$100,000	$640,000
	Fixed Equipment	$0	$0	$0
	Site Development/Land Acquisition	$500,000	$100,000	$600,000
	Other - Please List	$0	$0	$0
	Total Estimated Cost	**$16,715,000**	**$3,585,000**	**$20,300,000**

Cost Detail Notes

Institution:	Ball State University	**Project:**	Whitinger Business Building Renovation
Biennium:	2017-2019	**Project No:**	D-1-17-2-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:21 PM

Annual Operating Cost/Savings

	Personnel Services	Supplies and Expenses	Total Operating Cost	Cost per GSF
Operations	$0	$0	$0	$0.00
Maintenance	$0	$0	$0	$0.00
Fuel	$0	$0	$0	$0.00
Utilities	$0	$0	$0	$0.00
Other	$0	$0	$0	$0.00
Total Estimated Cost	**$0**	**$0**	**$0**	**$0.00**

Cost Detail Notes

There will likely be some cost savings derived from more efficient systems in the renovated building; however, none are being assumed for this schedule.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

General Project Information

Project Name/Title:	Campus Utility Infrastructure Upgrades	Institutional Priority:	4
Budget Agency Project No:	D-1-11-2-02	Project Type:	Major Repair and Rehabilitation
Previously Approved by General Assembly:	No	Previously Recommended by CHE:	No

Project Summary

This project would repair and extend the utility tunnel and distribution systems serving the 660-acre Muncie campus. Many of the tunnels date back to the 1930's and are in various states of disrepair.

Summary of the Impact on the Educational Attainment of Students

The University's tunnel systems provide for distribution of high voltage electrical power, steam and condensate return, domestic water, fire protection water, chilled water, hot water (geothermal), and communications to all buildings on campus. Each of these utilities is critical to the academic mission of the University. Proper maintenance of the tunnels and the associated distribution lines ensures continued service to campus buildings and mitigates disruption of educational and other activities on campus.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Project Size

	GSF	ASF	ASF/GSF
Project Size:	0	0	
Net Change in Overall Campus Space:	0	0	

Project Cost Summary

Total Project Cost: $12,000,000

Cost Per GSF/ASF: **GSF** **ASF**

Project Funding

	Funding Amount	Funding Type	Funding Source Description
Funding Sources:	$12,000,000	State	Bonding authority under Indiana Code 21-34-6 through 10
Total Funding	**$12,000,000**		

Annual Cost

Estimated annual change in cost of building operations based on the project:	$0
Estimated annual repair and rehabilitation investment:	$0

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Detail Description of Project

Beneath Ball State University's 660-acre campus, a series of tunnels connect the majority of the institution's 104 academic, administrative, auxiliary, and residential buildings for utilities such as high voltage electrical, steam, condensate return, chilled water, hot water for geothermal heating, domestic water, fire protection, compressed air, and communication cables. This hidden network facilitates efficient maintenance and repair of vital infrastructure that's less vulnerable to outages caused by wind and ice storms while allowing for a beautiful campus free of above-ground cables and equipment.

The campus has approximately three miles of such tunnels ranging in age from 10 years to more than 70 years. Some tunnels run directly beneath sidewalks and under roadways. Years of surface cracking, followed by infiltration of salts, water, and other contaminants, have caused deterioration of this tunnel system. Further, many of the tunnels have reached full capacity with vital utility systems, making the installation of additional systems impossible and repair to the existing systems difficult. Metal beams supporting existing utilities are becoming corroded and are in need of replacement. This project will address these issues and install additional underground utility tunnels throughout the campus in strategic and optimum locations. For obvious reasons, the tunnels that serve the oldest parts of campus have the least space available for new services, and have the highest repair costs when a section of pipe or other transfer device is located "behind" other pipes, etc., and structurally are most in need of replacement. Accordingly, the areas that will receive the highest priority are those in the Old Quadrangle on the south end of campus.

The highest priority corridors for new or expanded tunnels are generally in those areas where the original tunnel was built in the 1930s. The priority is assigned based on the age and condition of the older tunnels, and the fact that most of them are "full" and have no room for adding new lines or increasing the diameter of the original lines. In this situation, a new tunnel would probably follow the same path, perhaps even running parallel to, the original tunnel. In other words, an existing corridor would be expanded. Once the new tunnel is constructed, lines from the older sections could be rehung in new tunnel more efficiently than trying to work within the confined space of the older tunnel. In other, less congested areas, a new tunnel corridor might be routed in a new path so as to "connect up" tunnel segments that were added piecemeal over the last six or seven decades.

Tunnel construction will be concrete rebar reinforced floors, walls and ceilings. All components will contain corrosion resistant materials. Within the tunnel a floor to ceiling support system will be installed that will be used for the mechanical and electrical systems to be rerouted through these tunnel sections. A lighting system and electrical outlets will also be installed. Air shafts with exhaust fans will be installed at properly spaced locations to provide adequate ventilation. Sump pumps will be installed with discharge piping to external locations to allow for removal of water that may enter the tunnel or evacuation of water should a water line break.

Once tunnel construction is completed, utility distribution lines would be strategically rerouted through these new or repaired tunnels.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Need & Purpose

Because of age and infiltration of surface contaminants, the conditions of the existing tunnels have deteriorated to the point that piecemeal repairs have been undertaken in certain locations to avoid the possibility of disruption of utility services. Repair of tunnels and the distribution systems within are made difficult because the tunnels have reached their full capacity. A failure of the tunnel systems could lead to disruption of utility service to campus buildings.

Increasing our capacity to place a myriad of utilities in tunnels, as opposed to the “direct bury” method, permits the university planners to prepare areas for future expansion in the most cost effective manner. Also, a well-planned tunnel system results in fewer open trenching operations and road cuts as the “pathway” exists to extend new or higher volume/higher performance/more energy efficient utilities. Finally, it is a great deal easier to monitor performance and locate “leaks” when the pipe or other transfer device is not buried underground. Accordingly, rebuilding, relocating, and extending tunnel systems are closely tied to long term campus planning efforts and make future capital improvement projects less expensive and less disruptive to traffic, pedestrians, and other above ground activity.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Space Utilization

The tunnels are used exclusively for utility distribution systems. As such, they do not factor into the calculation of space utilization. Preservation of the tunnels and the utility systems within, however, allows for continued utilization of buildings served by those utilities.

Comparable Projects

Utility tunnel systems are typically constructed at the same time as the buildings to which their feeds are being directed. As such, the cost of the tunnels themselves are not easily determined. Projects to repair small portions of a tunnel have been common in Indiana, with Purdue University completing such projects in the last several years.

Background Materials

The project will be funded by bond proceeds issued under Indiana Code 21-34-6 through 10.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Overall Space in ASF

Space Type Name	Current Space In Use	Space Under Construction	Space Planned And Funded	Subtotal Current And Future Space	Space to be Terminated	New Space In Capital Request	Net Future Space
Classroom (110 & 115)	140,931	0	5,662	146,593	0	0	146,593
Class Lab (210, 215, 220, 225, 230, 235)	372,038	0	7,055	379,093	0	0	379,093
Non-class Lab (250 & 255)	34,877	0	0	34,877	0	0	34,877
Office Facilities (300)	653,518	0	29,580	683,098	0	0	683,098
Study Facilities (400)	192,153	0	0	192,153	0	0	192,153
Special Use Facilities (500)	419,873	0	30,843	450,716	0	0	450,716
General Use Facilities (600)	312,618	0	0	312,618	0	0	312,618
Support Facilities (700)	110,469	0	0	110,469	0	0	110,469
Health Care Facilities (800)	7,249	0	19,360	26,609	0	0	26,609
Resident Facilities (900)	1,844,643	0	0	1,844,643	0	0	1,844,643
Unclassified (000)	616,653	0	0	616,653	0	0	616,653
TOTAL SPACE	4,705,022	0	92,500	4,797,522	0	0	4,797,522

Space Detail Notes

The space in the tunnels is not assignable.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Anticipated Construction Schedule

Bid Date:	February	2018
Start Construction:	May	2018
Occupancy (End Date):	August	2020

Estimated Cost for Project

		Cost Basis	Escalation Factors	Project Cost
Planning Costs	Engineering	$900,000	$50,000	$950,000
	Architectural	$0	$0	$0
	Consulting	$0	$0	$0
Construction	Structure	$4,500,000	$300,000	$4,800,000
	Mechanical (HVAC, plumbing, etc.)	$3,800,000	$250,000	$4,050,000
	Electrical	$1,800,000	$200,000	$2,000,000
Other	Movable Equipment	$0	$0	$0
	Fixed Equipment	$0	$0	$0
	Site Development/Land Acquisition	$0	$0	$0
	Site Restoration	$190,000	$10,000	$200,000
	Total Estimated Cost	**$11,190,000**	**$810,000**	**$12,000,000**

Cost Detail Notes

The above costs are estimates. A comprehensive condition analysis of all tunnel systems would need to be undertaken before more accurate estimates could be developed.

Institution:	Ball State University	**Project:**	Campus Utility Infrastructure Upgrades
Biennium:	2017-2019	**Project No:**	D-1-11-2-02
Submitted:	Yes	**Last Updated:**	9/2/2016 11:35 AM

Annual Operating Cost/Savings

	Personnel Services	Supplies and Expenses	Total Operating Cost	Cost per GSF
Operations	$0	$0	$0	
Maintenance	$0	$0	$0	
Fuel	$0	$0	$0	
Utilities	$0	$0	$0	
Other	$0	$0	$0	
Total Estimated Cost	**$0**	**$0**	**$0**	

Cost Detail Notes

No operational cost increases or savings are expected. However, costly capital repairs and business interruption are likely to be avoided.

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

General Project Information

Project Name/Title:	Department of Theatre and Dance Instructional Venue	Institutional Priority:	5
Budget Agency Project No:	D-1-15-1-01	Project Type:	New Construction
Previously Approved by General Assembly:	No	Previously Recommended by CHE:	No

Project Summary

The Ball State University Department of Theatre and Dance has grown significantly in recent years in terms of enrollment, achievement, and national recognition. Physical space limitations have limited future growth and are threatening the Department's opportunity for re-accreditation. This project includes a combination of new and rehabilitated space to allow the Department to continue in its success.

Summary of the Impact on the Educational Attainment of Students

The University's Bachelor of Fine Arts programs in acting, musical theatre, and dance attracted 1,600 students for 60 potential slots last year, making it one of the most competitive and sought after in the nation. Classroom and performance spaces, the first of which opened in 1961, limit the our ability to fully accommodate and engage students and audiences. The addition of programmatic space and rehabilitation of existing space will allow the Department to admit more students into these programs.

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Project Size

	GSF	ASF	ASF/GSF
Project Size:	24,750	14,850	60%
Net Change in Overall Campus Space:	16,750	10,050	

Project Cost Summary

Total Project Cost:	$6,750,000	Cost Per GSF/ASF:	$273 **GSF** $455 **ASF**

Project Funding

	Funding Amount	Funding Type	Funding Source Description
Funding Sources:	$6,750,000	State	Bonding authority under Indiana Code 21-34-6 through 10
Total Funding	**$6,750,000**		

Annual Cost

Estimated annual change in cost of building operations based on the project:	$132,000
Estimated annual repair and rehabilitation investment:	$150,000

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Detail Description of Project

The Department of Theatre and Dance has experienced dramatic growth in the last two decades, growing from approximately 185 majors in 1996 to over 430 majors today. Undergraduates in the Department hail from over 30 states, have the highest SAT scores in the entire University, and rank first in academic standing within the College of Fine Arts. The Department also boasts one of the most diverse populations in the University with 30% of the most recent BFA class being students of color.

Students in the Department have achieved unprecedented national exposure in performance. In the last decade, students have played a major role in two Academy Award winning films, and Ball State became the first university to send students to the Kennedy Center American College Theatre Festival national competitions for twelve consecutive years. Alumni have appeared in major roles in films, national and regional commercials, as well as in Broadway, Off-Broadway, Chicago, and regional theatre productions. Our nationally recognized design and technology program continues to successfully place students in both professional and graduate programs across the country. Recent alumni have also won internships or secured professional work at some of the most prestigious theaters in the country, including Steppenwolf, Chicago Shakespeare Theatre, Yale Repertory, Playmakers Repertory, Arena Stage, Dallas Theatre Center, Huntington Theatre Company, Indiana Repertory, Clarence Brown Theatre, Signature Theatre, Lincoln Center, Oregon Shakespeare Festival, the John F. Kennedy Center for the Performing Arts, Alabama Shakespeare Festival, the Joffrey Ballet, Second City, and the Goodman Theatre, to name a few.

The Department has the second largest theatre education program in the nation with a 100% job placement rate in the last five years. These accomplishments and growth have occurred despite the fact that the spaces being utilized by the Department are undersized, poorly suited to the pedagogy, and dispersed across campus. This project would address these deficiencies by constructing 16,750 gross square feet of new space and renovating 8,000 gross square feet of existing space. Upon completion of the project, the Department would have classroom and performance spaces that will fully accommodate and engage students and audiences, promote collaboration and innovation, provide support spaces, and meet minimum requirements for program accreditation

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Need & Purpose

As the enrollment in the Department of Theatre and Dance has grown, space has been allotted to the Department as it has become available. The result is a patchwork of spaces spread across campus, most of which are not designed to handle the pedagogical needs of the programs. The physical characteristics of current performance and classroom facilities hamper efforts in several ways, as described below.

Firstly, the performance and classroom spaces limit the Department's ability to fully accommodate and engage students and audiences. Last year alone, the Bachelor of Fine Arts programs in acting, musical theatre, and dance attracted 1,600 applicants for 60 potential slots, making the program one of the most competitive and sought after in the nation. For those students fortunate enough to get into the program, some cannot get into core classes within their major in a timely manner because studios and support area spaces (e.g. dance studios, costume shop, scene shop, paint shop, light shop) are either too small or too dangerous to support the number of students that must pass through the core classes. These inadequate support spaces put unreasonable burdens on students, faculty, and staff as they "work around" these limitations, adding time and stress to an already demanding and stressful process.

Secondly, the Department does not have the right type of spaces. Students and faculty often resort to hallways and other improvised locations, in which to learn, practice, and perform. Proper rehearsal and performance space is necessary to allow the students to perfect their art. Many of the spaces currently occupied by the programs were never intended to serve the purpose to which they have been adapted.

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Space Utilization

Spaces currently assigned to Theatre and Dance experience high utilization rates, even with the limits that have been put on program participants due to inadequate space. With the addition of space proposed in this project, the number of students admitted could expand to maintain this space utilization.

Comparable Projects

University of Southern Indiana Teaching Theatre (new construction) - $16.5 million (2011 dollars) for 21,929 assignable square feet ($752/ASF)

Background Materials

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Overall Space in ASF

Space Type Name	Current Space In Use	Space Under Construction	Space Planned And Funded	Subtotal Current And Future Space	Space to be Terminated	New Space In Capital Request	Net Future Space
Classroom (110 & 115)	140,931	0	5,662	146,593	0	0	146,593
Class Lab (210, 215, 220, 225, 230, 235)	372,038	0	7,055	379,093	0	5,050	384,143
Non-class Lab (250 & 255)	34,877	0	0	34,877	0	0	34,877
Office Facilities (300)	653,518	0	29,580	683,098	0	0	683,098
Study Facilities (400)	192,153	0	0	192,153	0	0	192,153
Special Use Facilities (500)	419,873	0	30,843	450,716	0	5,000	455,716
General Use Facilities (600)	312,618	0	0	312,618	0	0	312,618
Support Facilities (700)	110,469	0	0	110,469	0	0	110,469
Health Care Facilities (800)	7,249	0	19,360	26,609	0	0	26,609
Resident Facilities (900)	1,844,643	0	0	1,844,643	0	0	1,844,643
Unclassified (000)	616,653	0	0	616,653	0	0	616,653
TOTAL SPACE	4,705,022	0	92,500	4,797,522	0	10,050	4,807,572

Space Detail Notes

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Anticipated Construction Schedule

Bid Date:	December	2018
Start Construction:	January	2019
Occupancy (End Date):	July	2020

Estimated Cost for Project

		Cost Basis	Escalation Factors	Project Cost
Planning Costs	Engineering	$0	$0	$0
	Architectural	$488,000	$43,000	$531,000
	Consulting	$0	$0	$0
Construction	Structure	$2,168,000	$177,000	$2,345,000
	Mechanical (HVAC, plumbing, etc.)	$2,168,000	$177,000	$2,345,000
	Electrical	$1,085,000	$89,000	$1,174,000
Other	Movable Equipment	$0	$0	$0
	Fixed Equipment	$0	$0	$0
	Site Development/Land Acquisition	$326,000	$29,000	$355,000
	Other - Please List	$0	$0	$0
	Total Estimated Cost	**$6,235,000**	**$515,000**	**$6,750,000**

Cost Detail Notes

Institution:	Ball State University	**Project:**	Department of Theatre and Dance Instructional Venue
Biennium:	2017-2019	**Project No:**	D-1-15-1-01
Submitted:	Yes	**Last Updated:**	9/2/2016 12:33 PM

Annual Operating Cost/Savings

	Personnel Services	Supplies and Expenses	Total Operating Cost	Cost per GSF
Operations	$40,000	$0	$40,000	$1.62
Maintenance	$0	$35,000	$35,000	$1.41
Fuel	$0	$10,000	$10,000	$0.40
Utilities	$0	$32,000	$32,000	$1.29
Other	$0	$15,000	$15,000	$0.61
Total Estimated Cost	**$40,000**	**$92,000**	**$132,000**	**$5.33**

Cost Detail Notes

APPENDIX: Line Item Requests

College for Sciences, Math and Humanities Continued line item funding for the Indiana Academy for Science, Mathematics, and Humanities will enable the state's only public residential high school to maintain its outstanding record of helping gifted and talented Hoosiers reach their potential. Founded by the Indiana General Assembly in 1988, the Indiana Academy is located on the Ball State campus and has been nationally recognized as a premier educational institution. Just as Ball State serves bright, talented undergraduate students, through the academy we nurture the state's best and brightest high school students.

Budget Report Schedule XI
Line Item Appropriation Request
2017-2019

Ball State University: College for Sciences, Math and Humanities

	ACTUAL 2010-11	ACTUAL 2011-12	ACTUAL 2012-13	ACTUAL 2013-14	ACTUAL 2014-15	PROJ 2015-16	BUDGET 2016-17	PROP 2017-18	PROP 2018-19
SUMMARY OF BUDGET REQUEST									
Personnel Services									
Salary and Wages									
Fringe Benefits									
Other Personnel Services									
Total Personnel Services									
Other Operating									
Services by Contract									
Materials and Supplies									
Equipment									
Land and Structures - Rental									
Grants, Subsidies, Refunds, Awards, Scholarships, Etc.				$4,297,257	$4,384,956	$4,384,956	$4,384,956	$4,495,000	$4,607,000
In-State Travel									
Out-of-State Travel									
Internal Transfers									
Total Other Operating				**$4,297,257**	**$4,384,956**	**$4,384,956**	**$4,384,956**	**$4,495,000**	**$4,607,000**
TOTAL OPERATING BUDGET				**$4,297,257**	**$4,384,956**	**$4,384,956**	**$4,384,956**	**$4,495,000**	**$4,607,000**
LINE ITEM FUNDING									
General Fund				$4,297,257	$4,384,956	$4,384,956	$4,384,956	$4,495,000	$4,607,000
BIF Dedicated Funds									
Other Dedicated Funds									
Federal Funds									
TOTAL FUNDING				**$4,297,257**	**$4,384,956**	**$4,384,956**	**$4,384,956**	**$4,495,000**	**$4,607,000**

Entrepreneurial University Partially funded by the state since 2007, The Entrepreneurial University is redefining how higher education is delivered and measured. The initiative distinguishes Ball State from other public institutions in our budgeting peer group and facilitates our vision to provide a distinctive value for Indiana citizens. It defines our commitment to:

• provides distinctive and innovative curricula and academic experiences
• incorporates the use of technology to engage students for purposes of retention and on-time graduation
• invests in faculty professional development so that instruction mirrors real-world learning and the workplace
• delivers measurable outcomes to ensure academic excellence and economic improvement
• Over the past decade, Ball State has built interactive learning spaces in Teachers College, the Robert Bell Building, and the Burkhardt Building. To teach in one of these spaces, faculty members must participate in professional development to ensure their classroom delivery reflects best practices in instruction. These interactive learning spaces were designed with input from our students. We know from faculty and student feedback that these classrooms translate into greater use of technology and more collaboration in a team environment. More important, the interactive learning spaces reflect how individuals work in the real world. This line item investment will allow us to speed up the conversion of traditional classroom space to interactive learning spaces.

Budget Report Schedule XI
Line Item Appropriation Request
2017-2019

Ball State University: Entrepreneurial University

	ACTUAL 2010-11	ACTUAL 2011-12	ACTUAL 2012-13	ACTUAL 2013-14	ACTUAL 2014-15	PROJ 2015-16	BUDGET 2016-17	PROP 2017-18	PROP 2018-19
SUMMARY OF BUDGET REQUEST									
Personnel Services									
Salary and Wages									
Fringe Benefits									
Other Personnel Services									
Total Personnel Services									
Other Operating									
Services by Contract									
Materials and Supplies									
Equipment									
Land and Structures - Rental									
Grants, Subsidies, Refunds, Awards, Scholarships, Etc.			$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$7,500,000	$2,500,000
In-State Travel									
Out-of-State Travel									
Internal Transfers									
Total Other Operating			**$2,500,000**	**$2,500,000**	**$2,500,000**	**$2,500,000**	**$2,500,000**	**$7,500,000**	**$2,500,000**
TOTAL OPERATING BUDGET			**$2,500,000**	**$2,500,000**	**$2,500,000**	**$2,500,000**	**$2,500,000**	**$7,500,000**	**$2,500,000**
LINE ITEM FUNDING									
General Fund			$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$7,500,000	$2,500,000
BIF Dedicated Funds									
Other Dedicated Funds									
Federal Funds									
TOTAL FUNDING			**$2,500,000**	**$2,500,000**	**$2,500,000**	**$2,500,000**	**$2,500,000**	**$7,500,000**	**$2,500,000**

APPENDIX: Performance Metric Schedules

Performance Metric Schedule I
Overall Degree Completion PFF Metric
2017-2019

Ball State University

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2010-12 3 Year Avg	2013-15 3 Year Avg	Change in 3 Year Avg
18-29 Credit Hour Certificates									
1 Year Certificates									
Associate Degrees									
Bachelor Degrees	2,406	2,489	2,968	2,995	3,147	3,183	2,621	3,108	487
Masters Degrees	869	947	1,002	1,197	1,090	875	939	1,054	115
Doctoral Degrees	28	43	37	40	45	52	36	46	10
TOTAL OVERALL DEGREES CONFERRED	**3,303**	**3,479**	**4,007**	**4,232**	**4,282**	**4,110**	**3,596**	**4,208**	**612**

Performance Metric Schedule II
At-risk student degree completion PFF metric
2017-2019

Ball State University

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2010-12 3 Year Avg	2013-15 3 Year Avg	Change in 3 Year Avg
18-29 Credit Hour Certificates									
1 Year Certificates									
Associate Degrees									
Bachelor Degrees	598	761	902	930	994	996	754	973	220
TOTAL OVERALL DEGREES CONFERRED	**598**	**761**	**902**	**930**	**994**	**996**	**754**	**973**	**220**

Performance Metric Schedule III
High impact degree completion PFF metric
2017-2019

Ball State University

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2010-12 3 Year Avg	2013-15 3 Year Avg	Change in 3 Year Avg
Bachelor Degrees	274	288	339	383	353	403	300	380	79
Masters Degrees	130	122	114	116	122	108	122	115	-7
Doctoral Degrees	1	3	1	1	1	1	2	1	-1
TOTAL OVERALL DEGREES CONFERRED	**405**	**413**	**454**	**500**	**476**	**512**	**424**	**496**	**72**

Performance Metric Schedule VI
On-time graduation rate PFF metric
2017-2019

Ball State University

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2010-12 3 Year Avg	2013-15 3 Year Avg
2 Year Institutions (Associates Only)								
Students Entering First Time, Full Time								
Students Receiving a Degree on-time								
On-Time Graduation Rate								
						Change in 3 Year Rate:		
						Per Unit Value:		
4 Year Institutions (Bachelor Only)								
Students Entering First Time, Full Time	3,104	3,038	3,262	3,432	3,092	3,282	3,135	3,269
Students Receiving a Degree on-time	967	1,040	1,156	1,355	1,341	1,548	1,054	1,415
On-Time Graduation Rate	**31.2%**	**34.2%**	**35.4%**	**39.5%**	**43.4%**	**47.2%**	**33.6%**	**43.3%**
						Change in 3 Year Rate:		**9.6%**
						Per Unit Value:		**315**

APPENDIX: Budget Report Schedules

Budget Report Schedule I
General Operating Budget
2017-2019

Ball State University

	ACTUAL 2014-15	PROJ 2015-16	BUDGET 2016-17	PROP 2017-18	PROP 2018-19
A. General Operating Revenue					
Total Gross Student Tuition and Fees	$188,613,854	$196,252,162	$196,668,000	$196,668,000	$196,668,000
State Appropriation	**$136,473,908**	**$139,699,167**	**$145,580,000**		
- Operating	$115,613,711	$124,068,486	$126,221,000		
- Debt Service	$14,306,986	$12,956,631	$16,685,000		
- Line Items	$6,553,211	$2,674,050	$2,674,000		
- Repair and Rehabilitation	$0	$0	$0		
- Cash-Funded Capital	$0	$0	$0		
Administrative & Indirect Cost Recovery	$1,460,418	$1,317,380	$1,825,000	$1,825,000	$1,825,000
Sales and Service	$6,126,492	$2,718,939	$3,647,000	$3,647,000	$3,647,000
Investment, Endowment, and Other Income	$218,794	$304,597	$250,000	$250,000	$250,000
Other Revenue	**$6,363,518**	**$5,417,186**	**$7,672,000**	**$7,672,000**	**$7,672,000**
- Fines & Penalties	$1,019,879	$921,489	$583,000	$583,000	$583,000
- Private Gifts	$771,611	$569,128	$709,000	$709,000	$709,000
- Reimbursements	$4,571,936	$2,946,860	$6,380,000	$6,380,000	$6,380,000
- Other	$92	$979,709	$0	$0	
TOTAL GENERAL OPERATING REVENUE	**$339,256,984**	**$345,709,431**	**$355,642,000**	**$210,062,000**	**$210,062,000**
A. General Operating Expenditures					
Personnel Services	**$228,976,419**	**$229,708,614**	**$233,934,000**	**$233,934,000**	**$233,934,000**
- Salaries & Wages	$167,978,464	$167,996,463	$168,371,000	$168,371,000	$168,371,000
- Retirement	$7,959,908	$8,022,525	$8,523,000	$8,523,000	$8,523,000
- Other Benefits	$53,038,047	$53,689,626	$57,040,000	$57,040,000	$57,040,000
Other Employee Expenses	$1,888,295	$2,222,260	$2,500,000	$2,500,000	$2,500,000
General Supplies & Materials	$24,515,180	$25,033,008	$24,544,000	$24,544,000	$24,544,000
Contracts/Professional Services	$4,730,900	$4,680,483	$4,700,000	$4,700,000	$4,700,000
Leases	$0	$0	$0	$0	$0
Debt Service	$14,306,986	$12,956,631	$16,685,000	$16,685,000	$16,685,000
Utilities	$11,878,772	$10,927,293	$12,361,000	$12,361,000	$12,361,000
Repair and Rehabilitation	$1,810,502	$2,233,836	$2,500,000	$2,500,000	$2,500,000
Financial Aid	$44,556,876	$46,992,165	$47,418,000	$47,418,000	$47,418,000
Other Expenditures	**$11,392,857**	**$10,745,191**	**$11,000,000**	**$11,000,000**	**$11,000,000**
- Other Expenditures	$1,294,842	$953,166	$1,000,000	$1,000,000	$1,000,000
- Transfers	$10,098,015	$9,792,025	$10,000,000	$10,000,000	$10,000,000
TOTAL GENERAL OPERATING EXPENDITURES	**$344,056,787**	**$345,499,481**	**$355,642,000**	**$355,642,000**	**$355,642,000**

Budget Report Schedule II
Other Funds Operating Budget
2017-2019

Ball State University

	ACTUAL 2014-15	PROJ/ACTUAL 2015-16
Unrestricted Funds	**$267,167,961**	**$264,121,125**
Unrestricted Funds	$267,167,961	$264,121,125
Designated & Restricted Funds	**$63,849,553**	**$63,999,690**
Designated & Restricted Funds	$63,849,553	$63,999,690
Plant Funds	**$77,361,114**	**$76,229,972**
Plant Funds	$77,361,114	$76,229,972
Auxiliary Funds	**$56,718,317**	**$62,374,960**
Auxiliary Funds	$56,718,317	$62,374,960
Other Funds	**$0**	**$0**
Other Funds	$0	$0

Budget Report Schedule III
Student Tuition and Fees
2017-2019

Ball State University

	ACTUAL 2014-15	PROJ 2015-16	BUDGET 2016-17	PROP 2017-18	PROP 2018-19
ALL UNRESTRICTED FEES					
A. Instructional Fee Revenue					
1. Resident					
a. Undergraduate	$102,055,666	$101,697,408	$102,874,000	$102,874,000	$102,874,000
b. Graduate and Professional	$14,755,478	$16,825,071	$16,824,000	$16,824,000	$16,824,000
2. Non-Resident					
a. Undergraduate	$43,825,519	$45,411,120	$46,584,000	$46,584,000	$46,584,000
b. Graduate and Professional	$23,003,449	$26,776,480	$26,444,000	$26,444,000	$26,444,000
TOTAL INSTRUCTIONAL FEE REVENUE	**$183,640,112**	**$190,710,079**	**$192,726,000**	**$192,726,000**	**$192,726,000**
B. Other Fees					
1. Continuing Education					
2. Special Course Fees					
3. Course Fees	$4,703,348	$5,190,817	$3,597,000	$3,598,000	$3,598,000
4. Incidental Student Fees					
5. Health Service Fees					
6. R&R Dedicated Student Fees					
7. Dual Credit Fee	$270,394	$351,265	$345,000	$345,000	$345,000
TOTAL OTHER FEE REVENUE	**$4,973,742**	**$5,542,082**	**$3,942,000**	**$3,943,000**	**$3,943,000**
C. TOTAL GROSS UNRESTRICTED FEE REVENUE (A +	**$188,613,854**	**$196,252,161**	**$196,668,000**	**$196,669,000**	**$196,669,000**
D. TOTAL STUDENT FEE DEBT REVENUE					
E. NET UNRESTRICTED FEES (C - D)	**$188,613,854**	**$196,252,161**	**$196,668,000**	**$196,669,000**	**$196,669,000**
A. Dedicated Fee Revenue					
1. Student Services Fee	$21,330,635	$21,072,322	$22,000,000	$22,000,000	$22,000,000
2. Student Technology Fee	$6,878,523	$7,026,212	$7,100,000	$7,100,000	$7,100,000
3. Student Recreational Services Fee	$3,015,716	$2,972,182	$3,000,000	$3,000,000	$3,000,000
4. Student Health Fee	$2,374,161	$2,227,994	$2,300,000	$2,300,000	$2,300,000
5. Student Transportation Fee	$914,578	$908,010	$915,000	$915,000	$915,000
6. Intensive English Institute	$2,322,905	$1,899,900	$1,500,000	$1,500,000	$1,500,000
7. Orientation Fee	$405,425	$402,518	$400,000	$400,000	$400,000
B. Restricted Fee Revenue					
1. Restricted Fee Revenue					
TOTAL DEDICATED/RESTRICTED FEE REVENUE	**$37,241,943**	**$36,509,138**	**$37,215,000**	**$37,215,000**	**$37,215,000**

Budget Report Schedule V
Student Financial Aid
2017-2019

Ball State University

	ACTUAL 2014-15	PROJ 2015-16	BUDGET 2016-17	PROP 2017-18	PROP 2018-19
A. Number of Students with Financial Aid					
1. Undergraduate					
a. Resident	9,046	9,038	9,100	9,100	9,100
b. Non-Resident	1,848	1,904	2,000	2,000	2,000
2. Graduate and Professional					
a. Resident	749	790	800	800	800
b. Non-Resident	560	562	600	600	600
B. Overall Financial Aid Distributions					
1. Institutional Aid					
a. Resident Undergraduate	$18,166,233	$18,816,132	$19,300,000	$19,000,000	$19,000,000
b. Non-Resident Undergraduate	$22,224,576	$24,118,335	$24,300,000	$24,300,000	$24,300,000
c. Resident Graduate/Professional	$221,216	$126,468	$150,000	$150,000	$150,000
d. Non-Resident Graduate/Professional	$184,738	$291,226	$300,000	$300,000	$300,000
2. Other Institutional-Provided Financial Aid	$17,830,275	$17,714,046	$18,000,000	$18,000,000	$18,000,000
TOTAL FINANCIAL AID DISTRIBUTIONS	**$58,627,038**	**$61,066,207**	**$62,050,000**	**$61,750,000**	**$61,750,000**

Budget Report Schedule VIII-A
Annual Student Headcount
2017-2019

Ball State University

	ACTUAL 2010-11	ACTUAL 2011-12	ACTUAL 2012-13	ACTUAL 2013-14	ACTUAL 2014-15	PROJ 2015-16
A. ANNUAL STUDENT HEADCOUNT						
1. Undergraduate	**19,287**	**19,951**	**18,340**	**18,232**	**17,890**	**17,741**
a. Indiana Resident	16,473	16,764	15,128	14,611	14,449	14,237
b. Non-Resident	1,878	2,012	2,012	2,205	1,937	2,082
c. Reciprocity Non-Resident	520	517	473	513	455	428
d. High School Student	416	658	727	903	1,049	994
2. Graduate	**5,847**	**7,006**	**5,813**	**5,585**	**5,716**	**6,205**
a. Indiana Resident	4,341	5,123	3,959	3,448	3,295	3,412
b. Non-Resident	1,452	1,824	1,803	2,077	2,356	2,731
c. Reciprocity Non-Resident	54	59	51	60	65	62
3. Professional	**19**	**24**	**21**	**24**	**23**	**18**
a. Indiana Resident	11	16	11	11	11	8
b. Non-Resident	8	8	10	13	12	10
c. Reciprocity Non-Resident	0	0	0	0	0	0
TOTAL STUDENT HEADCOUNT (1 + 2 + 3)	**25,153**	**26,981**	**24,174**	**23,841**	**23,629**	**23,964**
TOTAL INDIANA RESIDENT HEADCOUNT (1a + 2a + 3a)	**20,825**	**21,903**	**19,098**	**18,070**	**17,755**	**17,657**

Budget Report Schedule VIII-B
Annual Student FTE
2017-2019

Ball State University

	ACTUAL 2010-11	ACTUAL 2011-12	ACTUAL 2012-13	ACTUAL 2013-14	ACTUAL 2014-15	PROJ 2015-16
B. ANNUAL STUDENT FTE						
1. Undergraduate	**17,683**	**18,509**	**15,965**	**16,679**	**16,324**	**16,038**
a. Indiana Resident	15,231	15,874	13,481	13,926	13,743	13,477
b. Non-Resident	1,826	1,935	1,828	1,988	1,866	1,973
c. Reciprocity Non-Resident	530	542	461	530	467	440
d. High School Student	96	158	195	235	248	148
2. Graduate	**3,072**	**4,163**	**3,107**	**3,071**	**3,126**	**3,295**
a. Indiana Resident	2,067	2,955	1,982	1,804	1,798	1,812
b. Non-Resident	972	1,165	1,091	1,227	1,289	1,443
c. Reciprocity Non-Resident	33	43	34	40	39	40
3. Professional	**6**	**15**	**8**	**11**	**10**	**8**
a. Indiana Resident	4	10	4	6	5	3
b. Non-Resident	2	5	4	5	5	5
c. Reciprocity Non-Resident	0	0	0	0	0	0
TOTAL STUDENT FTE (1 + 2 + 3)	**20,761**	**22,687**	**19,080**	**19,761**	**19,460**	**19,341**
TOTAL INDIANA RESIDENT FTE (1a + 2a + 3a)	**17,302**	**18,839**	**15,467**	**15,736**	**15,546**	**15,292**

Budget Report Schedule XII
Technical + High Priority Dual Credit
2017-2019

Ball State University

	2014-15
Technical + High Priority dual credit awarded	4,951

Budget Report Schedule XIII
Repair and Rehabilitation Formula Funding
2017-2019

Ball State University

	Current Value
Repair and Rehabilitation Asset Total	$828,603,843
Infrastructure Asset Total	$257,590,440

APPENDIX: Debt Service

Debt Service on Capital Projects
Ball State University
Summary of Debt Service for Capital Projects through Retirement of Debt

	Fee Replaced Debt Service				Non Fee Replaced Debt Service			
Fiscal Year	Principal	Interest	Total Debt Service	Outstanding Debt	Principal	Interest	Total Debt Service	Outstanding Debt
2017	$7,205,000	$4,881,113	$12,086,113	$98,165,000	$4,475,000	$4,889,928	$9,364,928	$102,215,000
2018	$7,570,000	$4,511,850	$12,081,850	$90,595,000	$5,035,000	$4,886,525	$9,921,525	$97,180,000
2019	$7,950,000	$4,124,200	$12,074,200	$82,645,000	$5,285,000	$4,634,725	$9,919,725	$91,895,000
2020	$8,340,000	$3,736,681	$12,076,681	$74,305,000	$5,545,000	$4,363,975	$9,908,975	$86,350,000
2021	$8,760,000	$3,325,375	$12,085,375	$65,545,000	$5,835,000	$4,084,819	$9,919,819	$80,515,000
2022	$7,655,000	$2,918,713	$10,573,713	$57,890,000	$6,120,000	$3,795,000	$9,915,000	$74,395,000
2023	$8,040,000	$2,534,088	$10,574,088	$49,850,000	$6,415,000	$3,483,400	$9,898,400	$67,980,000
2024	$8,435,000	$2,134,450	$10,569,450	$41,415,000	$6,730,000	$3,150,800	$9,880,800	$61,250,000
2025	$7,125,000	$1,766,375	$8,891,375	$34,290,000	$7,080,000	$2,801,369	$9,881,369	$54,170,000
2026	$7,460,000	$1,427,575	$8,887,575	$26,830,000	$7,435,000	$2,434,088	$9,869,088	$46,735,000
2027	$6,280,000	$1,103,200	$7,383,200	$20,550,000	$5,415,000	$2,110,575	$7,525,575	$41,320,000
2028	$6,555,000	$805,831	$7,360,831	$13,995,000	$5,685,000	$1,833,075	$7,518,075	$35,635,000
2029	$3,485,000	$577,225	$4,062,225	$10,510,000	$5,965,000	$1,541,825	$7,506,825	$29,670,000
2030	$3,660,000	$407,656	$4,067,656	$6,850,000	$6,265,000	$1,246,375	$7,511,375	$23,405,000
2031	$3,835,000	$228,025	$4,063,025	$3,015,000	$4,250,000	$1,004,500	$5,254,500	$19,155,000
2032	$1,475,000	$102,488	$1,577,488	$1,540,000	$4,440,000	$797,950	$5,237,950	$14,715,000
2033	$1,540,000	$34,650	$1,574,650	$0	$4,665,000	$570,325	$5,235,325	$10,050,000
2034	$0	$0	$0	$0	$4,895,000	$355,725	$5,250,725	$5,155,000
2035	$0	$0	$0	$0	$2,515,000	$194,875	$2,709,875	$2,640,000
2036	$0	$0	$0	$0	$2,640,000	$66,000	$2,706,000	$0
2037	$0	$0	$0	$0	$0	$0	$0	$0
2038	$0	$0	$0	$0	$0	$0	$0	$0
2039	$0	$0	$0	$0	$0	$0	$0	$0
2040	$0	$0	$0	$0	$0	$0	$0	$0
2041	$0	$0	$0	$0	$0	$0	$0	$0
2042	$0	$0	$0	$0	$0	$0	$0	$0