

# State Notes

## TOPICS OF LEGISLATIVE INTEREST

Fall 2010

### **FY 2010-11 Capital Outlay Appropriation Bill** **By Bill Bowerman, Chief Analyst**

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#### **Introduction**

On September 22, 2010, the Joint Capital Outlay Subcommittee (JCOS) initiated the legislative process for a fiscal year (FY) 2010-11 Capital Outlay appropriation bill. The last appropriation bill that included new planning authorizations for projects financed by the State Building Authority (SBA) was Public Act 278 of 2008. Fiscal Year 2010-11 requests for capital outlay projects from universities and community colleges total approximately \$1.2 billion, with an estimated State share of costs of approximately \$580.4 million. This article provides an overview of the university and community college project requests, the legislative process for new SBA projects, and the cost impact on the State budget.

Table 1 provides a summary of university and community college project requests for FY 2010-11. The listing is based on capital outlay five-year plans submitted to the Legislature, updated based on subsequent revisions by institutions.

#### **Capital Outlay Process**

Planning authorizations included in enacted appropriation bills are the first step in the authorization of State-funded capital outlay projects for universities and community colleges. The planning authorizations allow institutions to prepare program development and schematic planning documents. Pursuant to Section 242 of the Management and Budget Act, planning authorizations are not a commitment on the part of the Legislature to appropriate funds for the completion of plans or construction of any project. After receiving planning authorizations in enacted appropriation bills, institutions develop program statements and schematic planning documents and submit those documents to the Department of Technology, Management, and Budget (DTMB) for review. When the review is completed, the DTMB submits the documents to the JCOS as either approved or not approved. Upon review and approval by the JCOS, the JCOS and the Legislature may authorize the project for final design and construction with a line-item appropriation in an appropriation bill.<sup>1</sup>

The SBA is the mechanism the State uses to fund its share of capital outlay project costs for universities and community colleges. The SBA also funds the cost of State agency projects. Pursuant to Section 8(15) of the State Building Authority Act (Public Act 183 of 1964), the SBA may not have obligations outstanding at any one time in a principal amount totaling more than \$2.7 billion. Interest and costs of borrowing are not included in this limit. Based on the \$2.7 billion bond cap, the SBA estimates that for FY 2010-11 the remaining available bond capacity is \$611.3 million.

The State share of project costs for universities traditionally is based on a 75/25 State/institution match. Over recent years, however, this match has been limited to a maximum State share of \$40.0 million. Community college projects are based on a 50/50 State/institution match. Cost increases, after the initial project authorization, are funded by the institutions.

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<sup>1</sup> Public Acts 27 and 111 of 2010 contain construction authorization for projects that received planning authorization in Public Act 278 of 2008.

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### Legislative Action

Table 2 compares House Bill 5858 (H-1) as reported by the House Appropriations Committee on September 23, 2010, to Senate Bill 1150, as recommended by the JCOS. Senate Bill 1150 is currently before the Senate Appropriations Committee. The "Request" column in Table 2 reflects updated information received from institutions through October 14, 2010. Senate Bill 1150 includes 10 university and 13 community college construction projects that would total approximately \$915.7 million with a State share of approximately \$394.4 million. House Bill 5858 includes 13 university projects and 16 community college construction projects with a total cost of \$1.0 billion and a State share of approximately \$462.2 million.

### Conclusion

The discussion above and Tables 1 and 2 provide an overview of the capital outlay process, current institution requests, and the legislative process to date on an FY 2010-11 Capital Outlay appropriation bill. It is important to note that neither bill includes projects for State agency facilities. If a Capital Outlay appropriation bill moves during the remaining days of the current session, it will likely include an amount for needed repairs and renovations to State department and agency buildings. Public Act 278 of 2008 included \$55.0 million in authorizations for State building projects.

While the limits regarding the bond cap would allow for a substantial Capital Outlay bill, the costs of the bond issue should be the determining factor regarding the number of projects, if any, that are authorized in the appropriation bill. The annual debt cost to the State from SBA bonding is appropriated annually in the General Government appropriation bill as SBA rent. The FY 2010-11 appropriation is \$241.9 million, funded entirely from the State General Fund. New SBA projects will result in additional costs to the State. If the State were to enact a \$611.3 million Capital Outlay bill (reflecting the current capacity remaining based on the bond cap), annual costs to the State would increase by approximately \$42.8 million to \$55.0 million for 15 to 17 years, depending on the interest rate on the bonds and the true rental value of the buildings. It is also important to repeat that a planning authorization is not a commitment for State funding (since subsequent DTMB, JCOS, and legislative approval is needed after detailed plans are submitted) and some of the requests submitted by institutions might not qualify for funding under current statutory requirements.

**Table 1**  
**FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS**

| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Total Cost   | State Share  | Institution Share |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-------------------|
| <b>Universities:</b><br><b>Central Michigan University - Bio-Sciences Building.</b> The new 126,000-gross-square-foot facility would provide state-of-the-art research and learning spaces to house laboratories, instrumentation, and teaching facilities. The University states that the new facility would have the required infrastructure and technology to promote joint projects involving the basic and medical sciences. The estimated annual operating cost of the new facility is \$1.0 million. This project is separate from the \$24.0 million (university reserves and private donations) addition to the Health Professions Building that will house the new School of Medicine. | \$75,000,000 | \$40,000,000 | \$35,000,000      |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Total Cost  | State Share | Institution Share |
| <b>Eastern Michigan University - Strong Hall Renovation.</b> The project includes the renovation of the entire 87,000-gross-square-foot structure, including faculty offices, classrooms, lecture halls, and student commons areas. Classrooms and lab spaces would be modernized. The fire system would be updated, and the HVAC system, plumbing, and electrical systems would be replaced.                                                                                                                                                                                                                                                                               | 38,000,000  | 28,500,000  | 9,500,000         |
| <b>Ferris State University (FSU) - College of Pharmacy.</b> This project would provide for the purchase and build-out of the 7 <sup>th</sup> floor of the 25 Michigan Building in Grand Rapids for the FSU College of Pharmacy. Third-year students are involved in experiential learning at pharmacy practice sites. The fourth year includes clinical practice experience. The instructional needs of third-year students are currently met by delivery of curriculum at two locations (Grand Rapids and Kalamazoo). The proposal would consolidate the two sites into one location.                                                                                      | 8,800,000   | 6,600,000   | 2,200,000         |
| <b>Grand Valley State University - Classroom/Office Additions.</b> The project includes construction of a new 100,000-square-foot laboratory and faculty office building on the Allendale campus. The building would provide space for labs, office, and support. The project would include renovation of vacated spaces.                                                                                                                                                                                                                                                                                                                                                   | 55,000,000  | 40,000,000  | 15,000,000        |
| <b>Lake Superior State University - School of Business Building.</b> The new building would consist of approximately 50,000 square feet including general-use smart classrooms, a career and placement center, consultation rooms, faculty offices, and space easily modified to accommodate future needs as they may arise, along with several specialized classrooms. The facility also would house case study rooms and ancillary space for testing and placement services.                                                                                                                                                                                              | 20,000,000  | 15,000,000  | 5,000,000         |
| <b>Michigan State University - Plant Science Facilities - Bioeconomy - Additions and Renovations.</b> The MSU request consists of several separate projects including Plant Biology addition of 90,000 gross square feet at a cost of \$40.0 million; Greenhouses addition of 30,000 gross square feet at a cost of \$4.1 million; Plant Biology Teaching and Research Facilities renovation at a cost of \$89.6 million; EIW Range Greenhouses renovation at a cost of \$4.0 million; and Engineering addition of 90,500 gross square feet at a cost of \$55.9 million.                                                                                                    | 193,600,000 | 40,000,000  | 153,600,000       |
| <b>Michigan Technological University (MTU) - Next Generation Energy Complex.</b> The project includes the expansion of existing structures and the renovation/repurposing of other facilities. The construction of a bio-mass co-generation facility would be added to MTU's existing heating plant (\$10.0 million). Dillman Hall would be renovated to provide space for the study of energy-efficient buildings, building materials, transportation, and electrification (\$8.0 million). An addition and remodel in Fisher Hall would support graduate student and lab space for basic energy and material research (\$6.5 million). A remodel and repurposing of space | 29,500,000  | 22,125,000  | 7,375,000         |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |             |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Total Cost | State Share | Institution Share |
| in the Academic Office Building would provide space for education in property and environmental laws, social and economic impacts, and energy policy (\$5.0 million).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |             |                   |
| <b>Northern Michigan University - Jamrich Hall Modernization.</b> The renovation of Jamrich Hall would provide a modern, high-quality classroom facility to support active learning and provide academic department office space within the facility close to classrooms and other departments. The project ties into the University's master plan which includes the demolition of Gries Hall. New offices would be designed following the University's current space design guidelines and Gries Hall laboratories would be relocated to existing, repurposed laboratory space in the Seaborg Science complex. This would improve space utilization, reduce total campus square footage by over 21,700 square feet, reduce energy costs, and eliminate over \$900,000 in deferred maintenance. | 33,900,000 | 25,425,000  | 8,475,000         |
| <b>Oakland University - Engineering Center.</b> The project would add approximately 42,225 square feet of assignable space to the School of Engineering and Computer Science, and 34,201 square feet of assignable general purpose classroom space. The proposed facility would provide instructional and research facilities for programs that support automotive, defense, and other industries.                                                                                                                                                                                                                                                                                                                                                                                               | 74,551,739 | 40,000,000  | 34,551,739        |
| <b>Saginaw Valley State University - Wickes Hall Renovations.</b> The project includes renovation of the University's main student service and administration facility. The facility contains approximately 100,000 square feet of gross floor area. Improvements would include replacement of inefficient mechanical systems and worn portions of the building.                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8,000,000  | 6,000,000   | 2,000,000         |
| <b>University of Michigan-Ann Arbor - G. G. Brown (GGB) Memorial Laboratories Renovation.</b> The project includes renovation of 45,000 gross square feet of the Department of Mechanical Engineering's space in GGB to substantially reconfigure and upgrade instructional facilities, offices, and support service facilities. The project also includes replacing and upgrading building infrastructure, including HVAC, laboratory and mechanical systems, electrical services, plumbing, fire alarm and suppressions systems, exterior wall repairs, and window repairs, encompassing approximately 120,000 gross square feet.                                                                                                                                                              | 64,000,000 | 40,000,000  | 24,000,000        |
| <b>University of Michigan-Dearborn - Science and Computer Information Science Building Renovations.</b> The project includes renovation of the Science building and the Computer Information Science building. These two buildings share mechanical and electrical infrastructure and therefore are submitted as one project. Improvements include a network system that would allow faculty and students to conduct research on viruses and other security issues in a safe environment, isolated from other networks and servers on campus. The addition of a digital forensics lab and an                                                                                                                                                                                                     | 51,000,000 | 38,250,000  | 12,750,000        |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                      |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Total Cost           | State Share          | Institution Share    |
| expanded agile software engineering lab would give undergraduate students hands-on experience with various software engineering techniques.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                      |                      |
| <b>University of Michigan-Flint - Murchie Science Laboratory Building (MSB) Renovation.</b> The project includes reconfiguration of space to add several instructional labs for chemistry and biology plus attendant equipment storage space. The Biology Department, which recently added a Master of Science program, requires an additional 24-student lab to accommodate student demand at the undergraduate and graduate levels. Existing labs require extensive renovation, such as replacement of fume hoods and hood controls, and the addition of internet connectivity. Deferred maintenance items that require attention include replacing the roof, disabling operable windows, renovating for disability accessibility, and upgrading the MSB elevators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 22,170,000           | 16,627,500           | 5,542,500            |
| <b>Wayne State University - Multidisciplinary Biomedical Research Building.</b> The facility would encompass approximately 360,000 square feet, consisting of six floors, five above ground, and a penthouse on the top level. The building would provide basic science research infrastructure, including small animal facilities, an appropriate environment for sensitive major scientific instruments, and advanced imaging technology, as well as "one stop shopping" for clinician scientists and research participants, including a clinical trials office.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 200,000,000          | 40,000,000           | 160,000,000          |
| <b>Western Michigan University (WMU) - Sangren Hall Building, Phase II.</b> The purpose of this Phase II proposal is to change the State match that was allocated to the Sangren Hall project in Public Act 278 of 2008 and Public Act 111 of 2010. The Sangren Hall replacement project has a current total cost authorization of \$60.0 million, with a State share of \$11.7 million and the University share at \$48.3 million. The new building will consist of 214,800 gross square feet (141,585-square-foot net assignable area) and include classrooms, clinics, conference rooms, dining services, file rooms, laboratories, library, offices, and storage rooms. If the Phase II adjustment is included as proposed by WMU, the total State share for this project will increase to \$44.7 million, exceeding the \$40.0 million cap for the State share and shifting the burden of the cost increase authorized in Public Act 111 to the State. The amounts included in this document reflect no net increase in total cost authorization, and a State share increase of \$28.3 million, reducing the University share by the same amount. This would result in the State share of \$40.0 million and a University share of \$20.0 million. | No change            | 28,300,000           | (28,300,000)         |
| <b>Subtotal – Universities:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>\$873,521,739</b> | <b>\$426,827,500</b> | <b>\$446,694,239</b> |
| <b>Alpena Community College - Electrical Power Technology Education and Training Center.</b> The project would include the renovation of 8,800 square feet and new construction of 9,700 square feet. The facility would include four classrooms, three equipment labs, faculty offices, and bays for four bucket trucks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$4,997,500          | \$2,498,750          | \$2,498,750          |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Total Cost | State Share | Institution Share |
| or other pieces of heavy equipment. Programs that would be provided in the new facility include technician training for occupations in wind turbine, solar power, biomass fuel, hydroelectric, geothermal, fiber optic, clean coal combustion, and power plant industries.                                                                                                                                                                                                                                                                                                                         |            |             |                   |
| <b>Bay de Noc College - Nursing Lab/Lecture Hall Remodeling.</b> The project encompasses 3,950 square feet. A lecture hall would be remodeled and space would be created for simulation labs. New equipment is also included in the cost. The renovation would enhance teaching and learning opportunities for nursing and the allied health program.                                                                                                                                                                                                                                              | 1,500,000  | 750,000     | 750,000           |
| <b>Delta College - Health and Wellness Program - F Wing Renovation.</b> The renovation would address the College's facility needs to support Allied Health and Nursing programs. The project consists of 91,484 square feet of renovated space and an approximate 950-square-foot addition for a hospital-size elevator to service the building and programs. The project also addresses several facility inadequacies that cross programs. Other facility upgrades are also included (accessibility, signage, site lighting, and upgrades to the emergency/essential power and lighting systems). | 19,984,000 | 9,992,000   | 9,992,000         |
| <b>Glen Oaks Community College - Library Renovation.</b> The project would provide improved ingress and egress from the library, address issues along the east wall of glass windows, and improve the lighting and energy challenges of existing glass in the east wall, and protect library collections. The square footage involved is approximately 10,000. The project would lower energy loss through outdated glazing, decrease lighting costs, and decrease outside contracts for repairs.                                                                                                  | 1,400,000  | 700,000     | 700,000           |
| <b>Gogebic - Building Renovation.</b> The renovation would add a second floor (8,000 square feet) to create four new multi-purpose classrooms to handle increased student needs across disciplines. The addition of the classrooms would help alleviate space constraints that the College has been facing for a number of years and provide a large lecture room for increased class sizes, which the College currently does not possess.                                                                                                                                                         | 1,500,000  | 750,000     | 750,000           |
| <b>Grand Rapids Community College - Cook Academic Hall Renovation.</b> The 83,000-square-foot renovation project would house the Nursing and Allied Health programs and consist of the complete transformation of floors two through five.                                                                                                                                                                                                                                                                                                                                                         | 10,000,000 | 5,000,000   | 5,000,000         |
| <b>Henry Ford Community College - No FY 2010-11 request submitted.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N/A        | N/A         | N/A               |
| <b>Jackson Community College - Student Services and Instructional Classrooms.</b> The proposal includes renovations and expansion for two College buildings. Bert Walker Hall would be renovated and expanded to house a growing Foundation Studies program, as well as serve as the College's new Center for Student Support Services which will provide a one-stop location for admissions, student services, developmental education, counseling, disabilities support, and advising. Improvements                                                                                              | 19,500,000 | 9,750,000   | 9,750,000         |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |             |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Total Cost | State Share | Institution Share |
| would include energy conservation measures, heating and cooling system replacements, new roofing systems, an additional elevator, additional classroom and office space, and adjustments to permit smart classrooms and wireless access elements for instructional use. The JCC@LISD TECH facility, constructed in 2001, would be renovated to provide additional space in all academic areas, especially computers, business, English, and math, as well as industrial training spaces, larger lecture spaces, faculty offices, student learning spaces, and computer labs.                                                                                                                              |            |             |                   |
| <b>Kalamazoo Valley Community College - Culinary Institute at Arcadia Commons Campus.</b> The new facility would include commercial kitchens, demonstration classrooms, standard classrooms, baker/pastry shops, a teaching restaurant, a teaching retail café/bakery, and a demonstration theater. The facility would be approximately 50,000 square feet: 40,000 for the culinary program and an additional 10,000 square feet of general classroom/office space.                                                                                                                                                                                                                                       | 13,000,000 | 6,500,000   | 6,500,000         |
| <b>Kellogg Community College - Student Center.</b> The project would allow for redesigning and reallocation of space as part of the College's new six-step process to better serve students by providing a "one-stop" concept of processing services to students. The renovation involves 37,955 square feet of the first and mezzanine levels of the building, including the lobby, kitchen/cafeteria, and student quiet dining area. Improvements also would include the HVAC, roofing, lighting, electrical system, plumbing, security systems, technology system infrastructure, the loading dock, and fire suppression and protection. The exterior brick and stone would be cleaned and repaired.   | 4,500,000  | 2,250,000   | 2,250,000         |
| <b>Kirtland Community College - Student Center Renovation and Addition.</b> The Student Center addition would be located on the front side of the existing building. The remainder of the building, including the bookstore, cafeteria, reception area, and student lounges, would be completely renovated. This new Center would relocate all student services into a single new facility, including developmental, tutoring, and testing services; counseling and testing space; space for student research and an enhanced study area; bookstore, cafeteria, and student lounges; and general storage and work space for classroom equipment. Improvements also would include HVAC and ADA compliance. | 8,000,000  | 4,000,000   | 4,000,000         |
| <b>Lake Michigan College - Energy Saving Renovation of the Napier Avenue Academic Building.</b> The project would replace aging mechanical infrastructure and support systems with new sustainable, energy-efficient mechanical and support systems, including heating, cooling, air distribution, building control systems, supporting electrical and ceiling systems, fire alarm system, and security systems. The College would convert the Napier Avenue campus to a learning laboratory, where the structure, spaces, academics and building environmental systems would be interconnected and support student curricula                                                                             | 15,019,000 | 7,509,500   | 7,509,500         |

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| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Total Cost | State Share | Institution Share |
| and the learning environment. The College estimates that improvements would save \$259,000 in energy costs on an annual basis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |             |                   |
| <b>Lansing Community College - Arts and Sciences Building Renovation.</b> The project would provide for the renovation of 151,000 square feet of the Arts and Sciences Building to increase the number of science classrooms, laboratories, and general classrooms to meet increasing enrollment in science and general education programs in the Liberal Studies Division of the College.                                                                                                                                                                                                                                                               | 19,950,000 | 9,975,000   | 9,975,000         |
| <b>Macomb Community College - Health Science and Technology Building, Phase II.</b> The first phase of the Health Science and Technology Classroom Building was included in Public Act 10 of 2005 and completed in June 2008. The project was split into two phases due to the availability of State funding. Phase II would be a 30,000-square-foot state-of-the-art facility, which would provide specialized laboratories for the emerging health information technology field, classrooms to support health and information technology occupations, and additional laboratories for basic science.                                                   | 14,500,000 | 7,250,000   | 7,250,000         |
| <b>Mid Michigan Community College - Mt. Pleasant Campus Unification.</b> The project consists of the construction of a 76,760-square-foot Liberal Arts and Business facility, adjacent to the Phase I student services building currently under development. The Phase II building would finalize the unification of the southern Mt. Pleasant campus. The construction would facilitate the relocation of arts and sciences instruction, student and academic support services, library and media services, and specific occupational instruction.                                                                                                      | 17,704,500 | 8,852,250   | 8,852,250         |
| <b>Monroe County Community College - No FY 2010-11 request submitted.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A        | N/A         | N/A               |
| <b>Montcalm Community College - Sustainability Education Initiative.</b> The project would consist of several renovations that include a hands-on experience for students in the areas of alternative energy and related fields. The components of the project include a green roof on a portion of the Doser building, a green wall as an extension of the Ash building, renovation of the HVAC system in the Instructional West building to include a geo-thermal component, showcasing alternative energy sources in a lab/learning space, and renovation of the College sewage lagoons.                                                              | 4,000,000  | 2,000,000   | 2,000,000         |
| <b>Mott Community College - Southern Lakes Branch Center: Rehabilitation.</b> The project includes updating deficiencies, not including parking lot, sidewalk and landscaping deficiencies, at a cost of \$3.6 million. The renovations would facilitate restructuring operations and programs. The current Occupational Therapy and Physical Therapy programs housed at the Center would remain. Additionally, the branch site would become the center for the College's Continuing Education programs, including Corporate Training Services, Police and Law Enforcement, and EMT training, as well as Fire Safety training. The Institute for Medical | 6,545,950  | 3,272,975   | 3,272,975         |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |             |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Total Cost | State Share | Institution Share |
| Simulation also would be expanded. The set of components for the facility is budgeted at \$2,945,950.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |             |                   |
| <b>Muskegon Community College - Art/Media Education Center.</b> The new Art Education/Media Center would consist of approximately 35,000 square feet and be constructed on college property in the northeast section of the campus, adjacent to the current performing arts building, or in downtown Muskegon. The new facility would provide "new" space for a gallery/exhibition area, traditional arts classes (painting, ceramics, and fiber), multi-media technology labs, and storage areas, as well as traditional classrooms.                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7,500,000  | 3,750,000   | 3,750,000         |
| <b>North Central College - Health Education and Science Center Project.</b> The proposal includes a new 23,260-square-foot Science Center at a cost of \$8,046,800 and renovations to the existing Science and Chemistry Building at a cost of \$2,381,600. The new facility would house laboratories and related support spaces to replace inadequate and unsafe existing facilities; science classrooms; offices and storage for the Institute for Business and Industry Training and the Information Technology Department; server farm for the entire College, consolidating the current servers into one central, climate-controlled environment, computer lab; and reception/lobby/student commons/connector space.                                                                                                                                                                                                                                                         | 10,428,400 | 5,214,200   | 5,214,200         |
| <b>Northwestern Michigan College - Student Learning Center.</b> The proposal includes construction of a new 35,000 gross-square-foot Student Learning Center that would include learning spaces designed to promote interactive learning experiences and dynamic teaching. Flexible capacity multipurpose classrooms and student learning and interaction areas would enable students and faculty to use a range of technologies for presentation, communication, and collaboration, and are designed to be quickly and easily reconfigured to support different types of learning experiences. The facility would integrate all student services and learning support functions, space for student organizations, café and food service facilities, ground-floor retail area for the College bookstore, and a multipurpose fitness area. The project would involve the demolition of the existing housing component of West Hall and the re-use of existing site infrastructure. | 14,000,000 | 7,000,000   | 7,000,000         |
| <b>Oakland Community College - Interior Renovation/Building Addition - Building A, Auburn Hills Campus.</b> This project consists of a 40,000-square-foot building addition, extensive demolition of the current space, mechanical, electrical and window replacements, architectural and construction management/general condition fees, permits, and construction-related relocation and moving costs. The existing 105,000-square-foot two-story structure accommodates the Vocational Technology program. Built in 1970, the College states that the current square footage and layout no longer adequately serve today's academic programs and student needs.                                                                                                                                                                                                                                                                                                                | 32,065,000 | 16,032,500  | 16,032,500        |

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| FY 2010-11 STATE BUILDING AUTHORITY PROJECT REQUESTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                      |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|----------------------|
| Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Total Cost             | State Share          | Institution Share    |
| <b>St. Clair County Community College - Center for Health and Human Services.</b> The proposal consists of repurposing an existing facility. The 70,000-gross-square-foot Health Education Facility would be designed to meet health and physical care needs of the students and the community.                                                                                                                                                                                                                                                                                                                                                                                                     | 7,000,000              | 3,500,000            | 3,500,000            |
| <b>Schoolcraft College - Simulation Technology Center.</b> The proposed 35,000-square-foot Simulation Technology Center would house four quadrants of simulation technology to be used as instructional tools in Nursing and Health Care, Computer Graphic Design and Gaming, Materials Science and Nano-tech, and Public Safety education and training.                                                                                                                                                                                                                                                                                                                                            | 20,000,000             | 10,000,000           | 10,000,000           |
| <b>Southwestern Michigan College - Campus Renovation.</b> Southwestern Michigan College has two campuses. The Dowagiac campus is in excess of 250 acres with nine academic buildings, several maintenance buildings and 370,300 square feet of parking lots. The Niles-area campus is 17 acres and includes a large instructional building, the College's M-TEC, a maintenance building, and 143,812 square feet of parking lots. The proposed project includes complete replacement of the College's parking lots, replacement of many HVAC units and roofs, selective expansion of undersized facilities, collegewide upgrades in technology, and renovations required for ADA compliance issues. | 32,000,000             | 16,000,000           | 16,000,000           |
| <b>Washtenaw Community College - Campus Renovation Projects.</b> This request was submitted after JCOS acted on FY 2010-11 projects. It includes major renovations and building systems upgrades for two of the College's existing instructional buildings in order to provide classroom, lab space, storage, and a new entrance to the Morris Lawrence building to better use the Towsley Auditorium. Renovations to the Morris Lawrence building are estimated at \$3.2 million and the Student Center building cost would be \$2.8 million.                                                                                                                                                      | 6,000,000              | 3,000,000            | 3,000,000            |
| <b>Wayne County Community College - Eastern Campus Facility Upgrade and Site Redevelopment Project.</b> The project includes the redesign, retrofitting, and renovation of existing facilities (50,000 gross square feet of current 192,635 square feet); a 20,000-gross-square-foot building addition for a new welcome center, library, classrooms and laboratories, and small auditorium/lecture hall; landscaping; and design and reconfiguration of walkways, drop-off area, and building entrance.                                                                                                                                                                                            | 16,000,000             | 8,000,000            | 8,000,000            |
| <b>West Shore Community College - no FY 2010-11 request submitted.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                    | N/A                  | N/A                  |
| <b>Subtotal - Community Colleges:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>\$307,094,350</b>   | <b>\$153,547,175</b> | <b>\$153,547,175</b> |
| <b>Total University/Community College Project Requests:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>\$1,180,616,089</b> | <b>\$580,374,675</b> | <b>\$600,241,414</b> |

Table 2

| FY 2010-11 STATE BUILDING AUTHORITY PROJECTS                                       |                                      |                      |                         |                      |                            |                      |
|------------------------------------------------------------------------------------|--------------------------------------|----------------------|-------------------------|----------------------|----------------------------|----------------------|
| Project                                                                            | <u>Request with \$40 Million Cap</u> |                      | <u>S.B. 1150 (JCOS)</u> |                      | <u>HAC H.B. 5858 (H-1)</u> |                      |
|                                                                                    | Total Cost                           | State Share          | Total Cost              | State Share          | Total Cost                 | State Share          |
| <b>UNIVERSITIES</b>                                                                |                                      |                      |                         |                      |                            |                      |
| Central - Bio-Sciences Building                                                    | \$75,000,000                         | 40,000,000           | \$75,000,000            | 40,000,000           | \$75,000,000               | 40,000,000           |
| Eastern - Strong Hall Renovation                                                   | 38,000,000                           | 28,500,000           | 38,000,000              | 28,500,000           | 38,000,000                 | 28,500,000           |
| Ferris - College of Pharmacy - Grand Rapids                                        | 8,800,000                            | 6,600,000            | 8,800,000               | 6,600,000            | 8,800,000                  | 6,600,000            |
| Grand Valley - Classroom/Office Additions                                          | 55,000,000                           | 40,000,000           | 55,000,000              | 40,000,000           | 55,000,000                 | 40,000,000           |
| Lake Superior - School of Business Building                                        | 20,000,000                           | 15,000,000           | 0                       | 0                    | 20,000,000                 | 15,000,000           |
| Michigan State - Plant Science Facilities-Bioeconomy--<br>Additions & Renovations  | 193,600,000                          | 40,000,000           | 193,600,000             | 40,000,000           | 193,600,000                | 40,000,000           |
| Michigan Tech. - Next Generation Energy Complex                                    | 29,500,000                           | 22,125,000           | 0                       | 0                    | 29,500,000                 | 22,125,000           |
| Northern - Jamrich Hall Modernization                                              | 33,900,000                           | 25,425,000           | 0                       | 0                    | 33,900,000                 | 25,425,000           |
| Oakland - Engineering Center                                                       | 74,551,739                           | 40,000,000           | 0                       | 0                    | 0                          | 0                    |
| Saginaw Valley - Wickes Hall Renovations                                           | 8,000,000                            | 6,000,000            | 8,000,000               | 6,000,000            | 8,000,000                  | 6,000,000            |
| U of M-Ann Arbor - G.G. Brown Memorial Lab. Renovation                             | 64,000,000                           | 40,000,000           | 64,000,000              | 40,000,000           | 64,000,000                 | 40,000,000           |
| U of M-Dearborn - Science & Computer Information<br>Science Building Renovations   | 51,000,000                           | 38,250,000           | 0                       | 0                    | 0                          | 0                    |
| U of M-Flint Murchie Science Laboratory Bldg Renovation                            | 22,170,000                           | 16,627,500           | 22,170,000              | 16,627,500           | 22,170,000                 | 16,627,500           |
| Wayne State - Multidisciplinary Biomedical Research Bldg.                          | 200,000,000                          | 40,000,000           | 200,000,000             | 40,000,000           | 200,000,000                | 40,000,000           |
| Western - Sangren Hall Building Renovation, Phase II <sup>1)</sup>                 | 0                                    | 28,300,000           | 44,400,000              | 33,300,000           | 44,400,000                 | 33,300,000           |
| <b>SUBTOTAL UNIVERSITIES</b>                                                       | <b>\$873,521,739</b>                 | <b>\$426,827,500</b> | <b>\$708,970,000</b>    | <b>\$291,027,500</b> | <b>\$792,370,000</b>       | <b>\$353,577,500</b> |
| <b>COMMUNITY COLLEGES</b>                                                          |                                      |                      |                         |                      |                            |                      |
| Alpena - Electrical Power Tech. Educ. & Training Center                            | \$4,997,500                          | \$2,498,750          | \$0                     | \$0                  | \$0                        | \$0                  |
| Bay de Noc - Nursing Lab/Lecture Hall Remodeling                                   | 1,500,000                            | 750,000              | 0                       | 0                    | 1,500,000                  | 750,000              |
| Delta - Health & Wellness Program-F Wing Renovation                                | 19,984,000                           | 9,992,000            | 19,984,000              | 9,992,000            | 19,984,000                 | 9,992,000            |
| Glen Oaks - Library Renovation                                                     | 1,400,000                            | 700,000              | 0                       | 0                    | 0                          | 0                    |
| Gogebic - Building Renovation                                                      | 1,500,000                            | 750,000              | 0                       | 0                    | 1,500,000                  | 750,000              |
| Grand Rapids - Cook Academic Hall Renovation                                       | 10,000,000                           | 5,000,000            | 10,000,000              | 5,000,000            | 10,000,000                 | 5,000,000            |
| Henry Ford - No new request submitted                                              | N/A                                  | 0                    | N/A                     | 0                    | N/A                        | 0                    |
| Jackson - Student Services & Instructional Classrooms                              | 19,500,000                           | 9,750,000            | 0                       | 0                    | 0                          | 0                    |
| Kalamazoo Valley - Culinary Institute at Arcadia                                   | 13,000,000                           | 6,500,000            | 0                       | 0                    | 0                          | 0                    |
| Commons Campus                                                                     |                                      |                      |                         |                      |                            |                      |
| Kellogg - Student Center                                                           | 4,500,000                            | 2,250,000            | 4,500,000               | 2,250,000            | 4,500,000                  | 2,250,000            |
| Kirtland - Student Center Renovation & Addition                                    | 8,000,000                            | 4,000,000            | 8,000,000               | 4,000,000            | 8,000,000                  | 4,000,000            |
| Lake Michigan - Energy-Saving Renovation of the Napier<br>Avenue Academic Building | 15,019,000                           | 7,509,500            | 15,019,000              | 7,509,500            | 15,019,000                 | 7,509,500            |
| Lansing - Arts & Sciences Building Renovation                                      | 19,950,000                           | 9,975,000            | 19,950,000              | 9,975,000            | 19,950,000                 | 9,975,000            |
| Macomb - Health Science & Technology Bldg, Phase II                                | 14,500,000                           | 7,250,000            | 14,500,000              | 7,250,000            | 14,500,000                 | 7,250,000            |
| Mid Michigan - Mt. Pleasant Campus Unification                                     | 17,704,500                           | 8,852,250            | 17,704,500              | 8,852,250            | 17,704,500                 | 8,852,250            |

| <b>FY 2010-11 STATE BUILDING AUTHORITY PROJECTS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                      |                                |                      |                                   |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------|--------------------------------|----------------------|-----------------------------------|----------------------|
| <b>Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b><u>Request with \$40 Million Cap</u></b> |                      | <b><u>S.B. 1150 (JCOS)</u></b> |                      | <b><u>HAC H.B. 5858 (H-1)</u></b> |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Total Cost</b>                           | <b>State Share</b>   | <b>Total Cost</b>              | <b>State Share</b>   | <b>Total Cost</b>                 | <b>State Share</b>   |
| Monroe - No request submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                         | 0                    | N/A                            | 0                    | N/A                               | 0                    |
| Montcalm - Sustainability Education Initiative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4,000,000                                   | 2,000,000            | 0                              | 0                    | 0                                 | 0                    |
| Mott - Southern Lakes Branch Center: Rehabilitation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6,545,950                                   | 3,272,975            | 6,545,950                      | 3,272,975            | 6,545,950                         | 3,272,975            |
| Muskegon - Art/Media Education Center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7,500,000                                   | 3,750,000            | 0                              | 0                    | 7,500,000                         | 3,750,000            |
| North Central - Health Ed. & Science Center Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10,428,400                                  | 5,214,200            | 10,428,400                     | 5,214,200            | 10,428,400                        | 5,214,200            |
| Northwestern - Student Learning Center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 14,000,000                                  | 7,000,000            | 0                              | 0                    | 0                                 | 0                    |
| Oakland - Interior Renovation/Building Addition - Building A, Auburn Hills Campus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32,065,000                                  | 16,032,500           | 32,065,000                     | 16,032,500           | 32,065,000                        | 16,032,500           |
| St. Clair - Center for Health & Human Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7,000,000                                   | 3,500,000            | 0                              | 0                    | 0                                 | 0                    |
| Schoolcraft - Simulation Technology Center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20,000,000                                  | 10,000,000           | 0                              | 0                    | 0                                 | 0                    |
| Southwestern - Campus Renovation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32,000,000                                  | 16,000,000           | 32,000,000                     | 16,000,000           | 32,000,000                        | 16,000,000           |
| Washtenaw - No request submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6,000,000                                   | 3,000,000            | 0                              | 0                    | 0                                 | 0                    |
| Wayne - Eastern Campus Facility Upgrade & Site Redevelopment Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16,000,000                                  | 8,000,000            | 16,000,000                     | 8,000,000            | 16,000,000                        | 8,000,000            |
| West Shore - No request submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                         | 0                    | N/A                            | 0                    | N/A                               | 0                    |
| <b>SUBTOTAL COMMUNITY COLLEGES:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>\$307,094,350</b>                        | <b>\$153,547,175</b> | <b>\$206,696,850</b>           | <b>\$103,348,425</b> | <b>\$217,196,850</b>              | <b>\$108,598,425</b> |
| <b>TOTAL SBA PROJECTS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>\$1,180,616,089</b>                      | <b>\$580,374,675</b> | <b>\$915,666,850</b>           | <b>\$394,375,925</b> | <b>\$1,009,566,850</b>            | <b>\$462,175,925</b> |
| <b><u>ALSO INCLUDED IN S.B. 1150 and H.B. 5858</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                      |                                |                      |                                   |                      |
| \$9.0 million General Fund Grant to the Oscoda-Wurtsmith Airport Authority: Sec. 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                             |                      |                                |                      |                                   |                      |
| Construction authorization for the Henry Ford Community College Project: Sec. 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |                      |                                |                      |                                   |                      |
| Cost increase for the Oakland University Human Health Building: Sec. 605                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                      |                                |                      |                                   |                      |
| <sup>1)</sup> While WMU submitted this request as Phase II, authorizations for the entire Sangren Hall Project were included in Public Acts 278 of 2008 and 111 of 2010. The total authorized cost for the project is \$60.0 million. WMU's request as a separate Phase II for the purpose of increasing the State share would result in the State exceeding the \$40.0 million cap and shift the burden of the cost increase authorized in PA 111 to the State. Therefore, the request is adjusted to reflect no net project increase and the \$40.0 million cap on the State share. |                                             |                      |                                |                      |                                   |                      |