Facilities Master Plan UPDATE 2017



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Update 2017

This document is provided as an update to the existing Three Rivers College Facilities Master Plan created in 2013. The original document contained in depth information about trends and forecasts of regional growth, population fluctuation, community planning, enrollment expectations, and departmental changes.

The following chapters will show the status of the areas selected as short, intermediate, and long term concerns and plans stemming from these priorities. As with any master plan, evolution will occur causing adjustments to be made. In the pages that follow you will discover that many projects have been completed, some have been moved up the priority list, several have been eliminated and others have been added.

This being a supplementary document added to the full 2013 FMP, demographics were not reviewed in their entirety. The basis for this update was derived through various meetings with the administrative staff.



SECTION 1: Facility Assessment

a. Comprehensive Analysisb. Buildings and Grounds

SECTION 2: Need Identification – Review

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a. Completion of ongoing projects

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Facility Assessment Section 1

The Three Rivers College main campus is located on 80 acres in Polar Bluff, Missouri. Building construction on campus will expand to 318,713 square feet in 2018 with the completion of the Libla Family Sports Complex. In addition to this total is a 59,000 square foot student housing complex. This is an increase of 104,408 sq. ft. (22%) from 2013. The increase comes mainly from the construction of the new Plaster Free Enterprise Center classroom building and the Libla Complex. Other additions include the construction of the Softball Clubhouse and a small expansion of the Academic Resource Commons (Rutland Library). Several decreases come from the sale of the former bookstore building and the vacation of the hospital space in downtown Poplar Bluff.

Of the academic facilities, 40 percent were constructed between 1978 and 1985, 15 percent 1985-1995, 16 percent 1995-2005, and 29 percent since 2005. The replacement value of these buildings is \$52.6 million using \$165 per square foot. 71 percent of the total space is academic or administration related; auxiliary facilities comprise 29 percent of the total. The age of the oldest facilities reflects the move to the current campus location in the late 1970s and just over half of the space is at least 20 years old.



The largest use of non-auxiliary campus building space is for athletics (28%), classrooms/laboratories (20%), or offices/administration (14%). This has changed dramatically with the addition of the Libla Family Sports Complex. There are a total of 71 active rooms designated as classrooms, computer labs, or laboratories which is an increase of 16 from 2013.

With approximately 320,000 square feet of facility space on its 80 acre grounds (excluding student housing), this equals to just over 142 square feet of space per full time student.



One method for comparing institutions is to compute the square footage, either gross or net assignable, for each full-time equivalent (FTE) student. For comparable community colleges in the state of Missouri, the average gross square feet per FTE student is 116.9. The following chart lists the gross square footage of peer community colleges in the state of Missouri and compares the amount of square footage per full time student at each institution. 2015 enrollment statistics were compiled by the Department of Higher Education for Missouri. Gross square footage statistics were taken in fall of 2009 from a survey provided by Ozarks Technical College. All Three Rivers figures used are up to date.

Institution	Gross Sq. Ft.	Full-Time Enrollment	Sq. Ft. per FTE Student	Acres	Year	
Three Rivers College Poplar Bluff, MO	318,713 (after Libla S	2,245 ports Complex	142.0 (is occupied)	80	2018	
Three Rivers College Poplar Bluff, MO	257,745 (before Libla	2,245 Sports Compl	114.7 (5) ex is occupied	80 d)	2017	
East Central College Union, MO	273,432	1,986	137.7 (2)	200	2015	
Moberly Area College Moberly, MO	355,450	3,510	101.3 (8)	32	2015	
State Fair Com. College Sedalia, MO	335,588	3,200	104.9 (6)	128	2015	
St. Charles Com. Col. St. Charles, MO	565,045	4,738	119.3 (4)	235	2015	
Jefferson College Hillsboro, MO	537,212	3,319	161.9 (1)	420	2015	
Mineral Area College Park Hills, MO	380,749	3,670	103.7 (7)	226	2015	
Crowder College Neosho, MO	454,126	3,642	124.7 (3)	608	2015	
TOTAL	3,132,657	26,310	119.1			
Totals not including Three Rivers College:						
TOTAL	2,813,944	24,065	116.9			

Note: St. Louis Community College, Ozarks Technical College, and Metropolitan Community College (Kansas City) were not included due to demographics being far different than Three Rivers College. North Central Missouri College and Missouri State West Plains were also not included due to lower enrollment totals.

Several colleges have seen their Sq. Ft. per FTE Student decrease due to enrollment changes since 2013. While Three Rivers College previously had the fewest SF/FTE, it now ranks fifth out of eight peer colleges. Upon the opening of the Libla Sports Complex it will jump to second on this list.

Available parking is another area that can indirectly affect enrollment. Existing parking areas are broken down as follows:

Crisp Center area	93
Student Housing	130
BAC rear and side	22
BAC front	195
Tinnin Center front	318
Road on north end	86
Baseball lot	20

Porter Building	60
Campus Drive	61
ARC	20

TOTAL (existing parking spaces on campus) 1,005

The number of parking spaces provided on campus has decreased by 91 since the previous master plan in 2013. At that time there was a deficiency of approximately 484 spaces. It is anticipated that 150 parking spaces will be added once the Libla Sports Complex opens. With this added parking, using the current enrollment numbers, and the same formula, the updated number of deficient parking spaces will be 439.

The average number of parking spaces per 100 students for all colleges nationwide is 55. With a total of 2,245 FTE students enrolled on the Poplar Bluff Campus, this ratio would call for 1,235 parking spaces. This leaves the college with a deficiency of 80 parking spaces compared to the national average.

Buildings and Grounds

Original information was derived from the building evaluations in 2013. This is an update based on improvements made since that time. The following is a breakdown of each building.

BESS ACTIVITY AND STUDENT CENTER: **UPDATED** Containing all indoor athletic facilities and food service. The bookstore has been added to this building while student support services, and other departments directly related to student aid were removed. This building is a campus high traffic area. The building's interior spaces (other than the gym) have been updated and are in good condition. With the coming addition of the Libla Complex the gym's use will change. Building exterior has not been updated and shows sever signs of age.

CRISP TECHNOLOGY CENTER: **NO CHANGE** The original portion of this building was constructed to be a maintenance shed. It was remodeled into classrooms with additional classrooms added to the north. The current facility is inadequate as the department it houses is a high growth area and college priority. The Technology Center along with the Division of Workforce Development are currently planned to merge into a new Center for Workforce Development and Technology facility.

LEARNING ANNEX: **CHANGE IN USE** Originally constructed as a children's daycare, this building has been used as an adult learning services facility and police department without having been remodeled. It is now only marginally

being used for various services. Its design is not in character with other buildings on campus.

PORTER DISTANCE LEARNING CENTER: **NO CHANGE** Though this building lacks continuity with any building on campus, it has a strong modern appearance and good presence in its location. The 15 year old building is in good condition other than regular maintenance issues.

ACADEMIC RESOURCE COMMONS (FORMERLY RUTLAND LIBRARY BUILDING): **UPDATED** This building has been completely remodeled since 2013. The interior is new and attractive. Its use remains partially as the library but added services include student support offices, computer labs, classrooms, and student lounge areas. The exterior has also been completely renovated and it now fits with the character of the campus.

TINNIN FINE ARTS CENTER: **NO CHANGE** Having multiple uses, this building serves a number of different college organizations. The theater and lobby have an adequate character and the art/music classrooms serve their purpose. The board room appears to be out of place in this building but is kept in acceptable condition. The exterior of the building, while different in style from other campus buildings, is in decent condition. Pathways leading to and from the front doors and the condition of the entrance needs to be updated into a more vibrant space. The main entrance on the northwest is not easily accessed from parking areas. The roof has been replaced since 2013.

WESTOVER ACADEMIC BUILDING: **INTERIOR UPDATES** The original building on campus now serves as the primary location for most administrative services. New finishes have been added in most areas excluding the entrance lobby which remains tired and dated. The exterior appearance is also dated and in need of an upgrade to better fit with the new campus character. New offices have been added throughout the building and other administrative suites are in the process of being added.

PLASTER CENTER FOR FREE ENTERPRISE: **UPDATE** A new classroom building has been constructed and matches the character of the campus. It has provided a great addition through added classroom space, a large lecture hall, aesthetics, traffic patterns, and also a tornado safe room for student safety.

GROUNDS: **UPDATED** Major updates have been completed since 2013. Parking lot and drive lighting has been added, the original Baptist Student Union has been replaced with pedestrian sidewalks and greenspace. Parking has been removed between the ARC and Westover buildings and replaced

with green space, walks, and a fountain. Pedestrian lighting is still lacking. Landscaping and exterior wayfinding have also been improved. The addition of the new entrance from Shelby Road has also provided a wonderful improvement to vehicular traffic and aesthetics on campus.

Need Identification - Review Section 2

2013

The list below was compiled for the 2013 plan. The college has been able to successfully complete, or are nearing completion on many of the projects identified as Primary Priorities. The gymnasium and training facilities are set to be occupied in the coming year which leaves only two Primary Projects having not been addressed. Those include the ballfield upgrades and the Crisp Center addition. Of the Secondary and Future Priorities one project has been completed.

PRIMARY PRIORITIES: Projects to be completed in 2-3 years

- Develop a plan for the Rutland Library Building. COMPLETE
 The Rutland Library was expanded inside its existing building which was completely renovated into what is now the Academic Resource Commons. The building received a complete \$2.1M exterior and interior renovation.
- 2. Develop a plan for the athletic department.
 - a. Softball team building COMPLETE

A new team building was completed adjacent to the softball field providing a clubhouse, office area, lounge, and indoor practice area for the softball team.

b. Athletic Department central office space COMPLETE

An unused area formerly used as a weight room and storage space was renovated into an office suite with cubicles used for athletic staff.

c. Gymnasium / Arena UNDER CONSTRUCTION

A new 3,000 seat arena is under construction providing space for the basketball programs to practice and compete, space for camps, concerts, large gatherings, and graduation.

d. Ballfield upgrades PARTIALLY COMPLETE

Hitting cages, scoreboard upgrades, and baseball dugouts and concession stand have received. Baseball field still needs lights and both baseball and softball need better seating and beautification upgrades.

e. Training facilities UNDER CONSTRUCTION

A new weight room and training space has been constructed next to the new arena. It is waiting for the completion of the arena before it becomes usable. It will need to be fitted out with equipment before being ready to use.

3. Additional classrooms and rework of existing classrooms throughout the campus.

a. New classroom building **COMPLETE**

With the addition of the \$6M Plaster Center for Free Enterprise new academic space has been added. 20 new classrooms, labs, and a lecture hall seating 120 were added along with faculty offices to support departments relocated to the new building.

b. Crisp Center and Center for Math and Science No work has been performed.

c. Classroom and department reassignment COMPLETE

The nursing department has been relocated back to campus and occupies part of the new Plaster building with the remaining space being used by other academic departments. The Academic Resource Commons renovation provided additional classroom space. The Westover building was partially renovated for office and administration space and several classrooms were removed.

4. Campus traffic patterns, beautification, and site upgrades.

a. New entrance road COMPLETE

A new entrance road was completed providing an additional traffic entrance/exit to the campus. This roadway now acts as the primary entrance and has been adorned with signage, lighting, and median landscaping.

b. Acquire BSU property **COMPLETE**

The former Baptist Student Union property was acquired and the building demolished. It has been replaced with new pedestrian sidewalks and hardscape creating an attractive and inviting pathway from the parking lot to several academic and administration buildings. The BSU was given the former bookstore building on campus of which the college now does not own.

c. Clear traffic patterns COMPLETE

A sidewalk, drive, and parking project was completed in 2017. New sidewalks from the main parking lots to the academic and administration buildings were added. Parking lots and roadways were repaired and resealed. Several roadway projects were completed including the addition of a round-about, relocation of a roadway, parking rework, and new entrances to and from parking lots added. Parking lot and drive lighting was also overhauled.

SECONDARY PRIORITIES: Projects to be completed in 4-8 years

5. Maintenance shed, storage warehouse, etc.

No work has been performed.

6. Campus Union

a. Student Services in one useable/findable area COMPLETE

Student Services have been relocated to the Academic Resource Commons building.

b. Food service

No work has been performed.

c. Bookstore (high priority) COMPLETE

The bookstore was relocated into the Bess Student Center. This project caused the Fitness Center to be relocated in what was a renovation of a large portion of this building. The bookstore location is now more accessible for students.

Three Rivers College

7. Tinnin Center south entrance

No work has been performed.

8. Location for the Police Academy, Fire Science, etc. departments No work has been performed.

9. Additional property acquisition

No work has been performed.

10. Permanent location for upper administration

No work has been performed.

FUTURE: Long term needs

11. Campus Medical Center

No work has been performed.

12. Recreation Center for students, faculty, and athletic training

No work has been performed.

13. Additional Student Housing

No work has been performed.

Other projects not identified in the 2013 list but completed by the college since the facility master plan was implemented:

14. Office upgrades at Westover Administration Building

a. Main level **COMPLETE**

Private offices were created for faculty in the former location of classrooms. Other classroom space was used for other office suites. A University Suite for other college staff offering classes through Three Rivers was created in the location of former faculty cubicles.

b. Lower level COMPLETE

In the former location of Student Services an administration office suite was created. Other offices were also renovated.

15. Outdoor hitting cages COMPLETE

Hitting cages were installed as an upgrade to the overall athletic facilities behind the existing softball field and can be utilized by both the softball and the baseball teams.

Need Identification -Update Section 3

Three Rivers College is a growing higher education institution with a mission to provide quality, accessible, and affordable learning opportunities and services for academic scholarship and professional success. Established in Poplar Bluff, MO in 1966, Three Rivers is a public two-year institution that provides open-access higher education opportunities in Southeast Missouri. The vision of the college is to become the preeminent, cutting-edge community of learners with a student-first focus, and to operate as a vibrant, dynamic catalyst for the creation of opportunities that foster learning and student success.

The new list compiled in 2017 sees several uncompleted projects removed from the previous list that that are not currently seen as a need or other accommodations have been made. Three locations have been identified on the campus as future building sites.

Completion of Ongoing Projects:

1. Libla Sports Complex

Phase 1: 1-3 Years – Primary Priorities

- 2. Parking Additions and Creek Beautification
- 3. Pedestrian Lighting
- 4. Westover building Lower Level Renovation
- 5. Maintenance Facility and Storage Warehouse
- 6. Bess Activity Center Renovation

- 7. Building Entrance Improvements
- 8. Board room Relocation
- 9. Ballfield Upgrades

Phase 2: 3-5 Years – Secondary Priorities

- 10. Libla Complex Addition and Entrance Drive
- 11. Crisp Center Upgrades
- 12. Westover Building Entrance and Exterior Renovation

Phase 3: 5-10 Years - Future

- 13. Campus Medical Center
- 14. Campus Drive Roadway Extension and Porter Parking Expansion

Phase 4: Long Range Planning

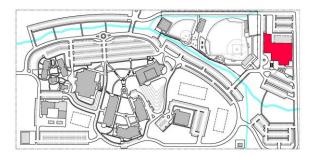
- 15. Property Acquisition
- 16. Recreation Center and Fields
- 17. Additional Student Housing

The site plan below (see appendix for larger size) has been created to meet the growing needs of the college. It shows the location and proximities of existing and new buildings, parking, and traffic ways. Existing buildings are shown in yellow, proposed buildings in red.



1. Libla Family Sports Complex

The men's basketball team has been one of the most successful in the country since the college was created in the late 1960's. Since 1982, both the men's and women's teams have been practicing and hosting games in the Bess Activity Center (BAC).



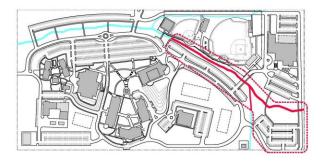
The BAC was constructed as a temporary home for these programs and has now lasted over 35 years. This facility does not provide adequate space for training, offices, or lockers for teams to compete nationally. Of the five regional teams, Three Rivers has the smallest and most dated facility for training and games.

The basketball teams are the most community recognizable programs the college offers. Men's games often draw over 1,000 spectators. This number will increase once facilities allow. The Libla Family Sports Complex is currently under construction and will house 3,000 spectators, multiple locker rooms, and ancillary spaces for concessions, merchandise, athletic classrooms, laundry, storage, weight training, etc. A FEMA safe room is part of the design to provide a safe place for visitors during storms.



2. Parking Additions and Creek Beautification

In front of the new Libla Family Sports Complex is a creek which runs south the entire length of the campus. It is a resource that could be a beautiful element but has been neglected. This area should be professionally landscaped to provide a scenic waterway.



To help with the shortage of parking on campus several parking lots could be added. A sizable lot on the northeast corner of the campus would provide adequate parking for the Libla Complex. It could be integrated with the creek with pedestrian bridges for access.

A linear parking lot following Three Rivers Boulevard is proposed to replace the walking tack currently located next to the creek. This would also alleviate parking issues providing spaces for ballfield spectators. Pedestrian brides would beautify the creek and make the ballfields more accessible.

Cost estimate: \$450K

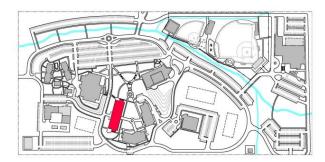
3. Pedestrian Lighting

Sidewalks throughout campus have been upgraded and new greenspaces added. The final part of this project is to add lighting to the pedestrian walkways. There are several light poles around the Westover Building that are original to the building (1978) and appear dated, some of which do not work. The lighting in the main parking lots and on the campus drives was upgraded in 2017. Extending this lighting theme to the sidewalks throughout the campus is now needed to provide a safe and attractive pedestrian trafficway for students, faculty, staff, and visitors.

Cost estimate: \$100K

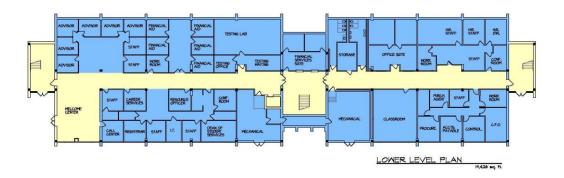
4. Westover Building Lower Level

The Westover Academic and Administration Building has always been used for both classes and administrative offices. It being the oldest building on campus was originally designed to be set up for both uses.



Since the time of its construction other facilities on campus have been built to satisfy the need for additional classroom space. By consolidating non-classroom services such as financial aid, testing, and other student services with existing administration and faculty offices in the Westover Building a central hub can be created for non-academic resources.

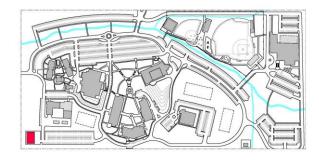
Below is a proposed layout for the renovation of the lower level of the three story building. Locating the Welcome Center at a new entrance on the west end allows students to be easily directed to the department of their needs located nearby.



Cost estimate: \$250K

5. Maintenance Building

The maintenance department is in need of a facility solely dedicated to their own use. This facility should include office space and a large garage for the storage, repair, and maintenance of equipment. An exterior yard area would be helpful as well as a carport area.



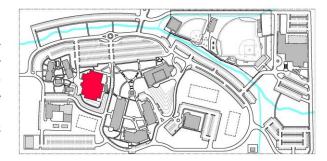
The location for this building has been chosen in the southwest corner of the campus in an area out of view of the main thoroughfares. Coinciding with its construction would be a new faculty parking lot serving both the Crisp Center area as well as the main campus buildings. Access would be provided both from the Crisp Center area and the main campus drive.



Cost estimate: \$350K

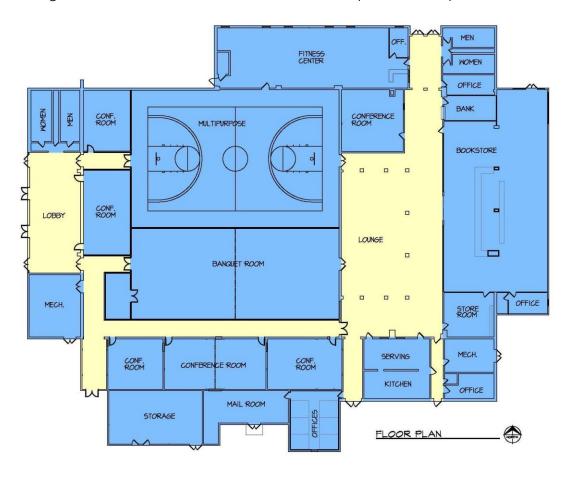
6. Bess Activity Center Renovation

Once the athletic department vacates the existing Bess Activity Center the gymnasium part of the building will be available for adaptive reuse. Space for large meetings, banquets, seminars, or conferences would fit well for this use.



The transformation of the BAC into a Conference Center would entail creating flexible sized banquet rooms in the existing gymnasium and creating a full food service operation. A multipurpose space could still be used for athletic recreation and other activities. These uses will mesh well with the recent renovation of the Student Center areas in the back of the building.

The location of this center works well with existing parking areas, allowing visitors coming on site for a Conference Center event to easily find their way.

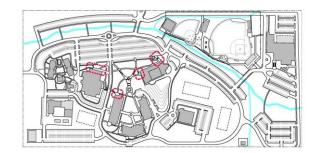


Cost estimate: \$700K

Three Rivers College

7. Building Entrance Improvements

Three Rivers College has improved its inviting feel of the campus tremendously in the last four years. With the addition of the entrance road, signage, parking and drive improvements, and greenspace, the college has worked hard to better its visual perception.



Remaining to be improved are several entrances which still fall below aesthetic and navigational standards.

Cost estimate: \$100K



1. The front doors of the Bess Activity Center remain tired and uninviting.



3. The south entrance to the Tinnin Center is dated and utilitarian in appearance.



2. The Westover (Welcome Center) lower level doors currently under construction will need a protective porch.

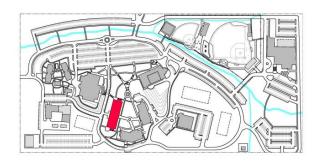


4. The northwest entrance to the Tinnin Center is lacking in a direct path to the adjoining parking area.

8. Board Room Relocation

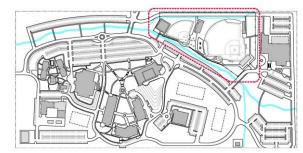
The Current location of the board room is in the Tinnin Center. With all other administration being located in the Westover Building the board room should be relocated there as well.

Cost estimate: \$15K



Ballfield Upgrades

Upon the forthcoming opening of the Libla Family Sports Complex and 2015 completion of the Softball Clubhouse the athletic programs of the college are soon to be conveniently located in one general area of campus.

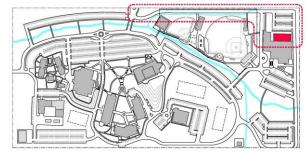


In 2017 there were upgrades to the baseball complex with the remodeling of the concession stand and dugouts and overall grounds with the addition of hitting cages. Projects remaining to be completed include enhanced seating areas for spectators at both fields, installation of lights for the baseball field, upgraded fencing throughout the complex, and parking/drive improvements. The baseball clubhouse is also in need of renovation.

Cost estimate \$300K

10. Libla Complex Addition and Entrance Drive

In addition to athletics, graduation ceremonies and other large event gatherings will also be a part of the Libla Family Sports Complex future use. A building addition would be useful for staging these large events as well as storage of tables, chairs, and other equipment.



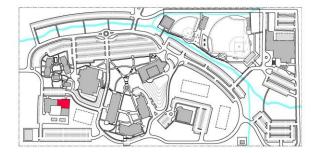
Ample space is available to locate the addition on the west side of the complex along with additional parking. A drive from the main entrance road along the west side of the campus behind the ballfields will also provide better access to the building. These improvements would finish the northwest corner of the campus and complete the build out of the athletic complex.

Cost estimate: \$1.5M

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11. Crisp Center for Workforce Development

The current Crisp Center facility is at 100% capacity. Classrooms and offices were constructed as an addition to an old maintenance shed which itself was finished and occupied into classroom and lab space. This building is inadequate as the department it contains is a high growth area for the college.



Area manufacturers and other employers are dependent on the college to not only provide them with a highly skilled workforce but also state of the art continuing education facilities and programs for ongoing training as new technologies and other various needs arise.

An addition to the current Crisp Center can connect to a building previously used as a child care center to form a new Crisp Center for Workforce Development. This new facility would enable Three Rivers to expand its customized training and workforce development programs.

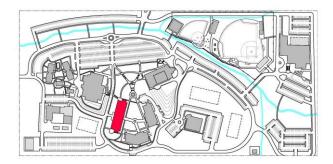
It is planned for the complex to be connected to the main campus buildings through the addition of a roadway from the campus drive. This will involve regrading the hillside behind the Bess Activity Center and provide additional parking areas and possible future building space.



Cost estimate: \$3.0M

12. Westover Entrance and Exterior Renovation

The Westover Building was built in 1978. The building provides almost 60,000 ft² of space and is in sound working order mechanically. The original boiler/chiller systems have been replaced and the electrical system and plumbing appear to be adequate for future use.



The pertinent interior issues with the Westover building are a matter of functionality for the future plans of the College. The interior of the building has, and continues to go through, renovations becoming the hub of administration, faculty offices, and student services. Remain to be addressed are restroom entrances and an improved main entrance.

The exterior of the building is in need of an update to better fit into the character of the new and renovated buildings it faces. Many of the fixtures and design elements are original to the building. This being the first structure on campus it contains the oldest materials. It is a solidly constructed building but needs an update to provide a cohesive appearance with the main buildings in the original heart of campus.



Cost estimate: \$2M

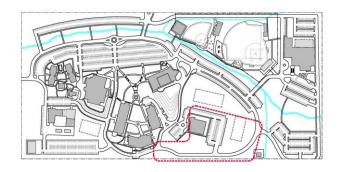
13. Medical Center

With a growing number of students, faculty, and staff, some of which are housed on campus, a medical center is quickly becoming a need. A center could be run by a local community clinic and housed in existing space on campus. Two FEMA Safe Rooms have been constructed on campus to keep visitors safe. A medical center would provide the next step toward a healthy campus.

Cost estimate \$50K

14. Campus Drive Extension

For better vehicular circulation an additional drive could be added along the east boundary of the campus. This would provide access to future building areas and needed parking, as well as another access way to disburse traffic.



Cost estimate \$750K

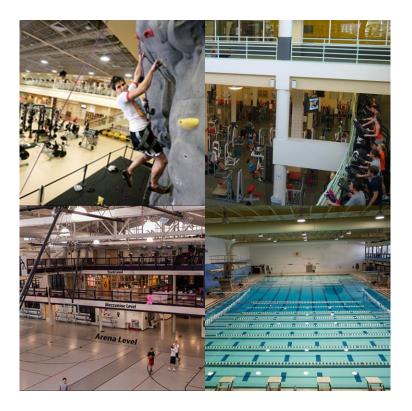
15. Property Acquisition

With the recent wave of construction on the campus of Three Rivers, future expansion areas have become fewer. Long range planning must include the exploration of acquiring additional property beyond the current 80 acres. Programs may be added at any time requiring space currently not available. Now, before all building areas have been claimed, exploring expansion outside the current boundaries of the campus is vitally important.

Cost estimate: \$Unknown

16. Recreation Center

The addition of a student recreation center would provide students, faculty, and alumni with opportunities to develop and enhance a healthy lifestyle through fitness and wellness and intramural sports and activities. By utilizing these facilities and programs, students are able to balance academics with fitness and recreation to develop self-confidence, physical well-being and strength, and group cooperation and leadership skills. Common features of student recreation centers include weight rooms, cardio rooms, multi-purpose courts, walking/running track, and exercise studios. Other features can include, rock climbing walls, swimming pools, juice and smoothie bars, and racquetball courts.



Cost estimate: \$2 - 6M

17. Student Housing



To meet the demands of future anticipated growth, more affordable housing options may be required. To support students and achieve their goals as an institution, being able to provide quality, low cost housing options could allow Three Rivers to attract more students to the college should this need arise.

Cost estimate: \$2.0-6.0M

