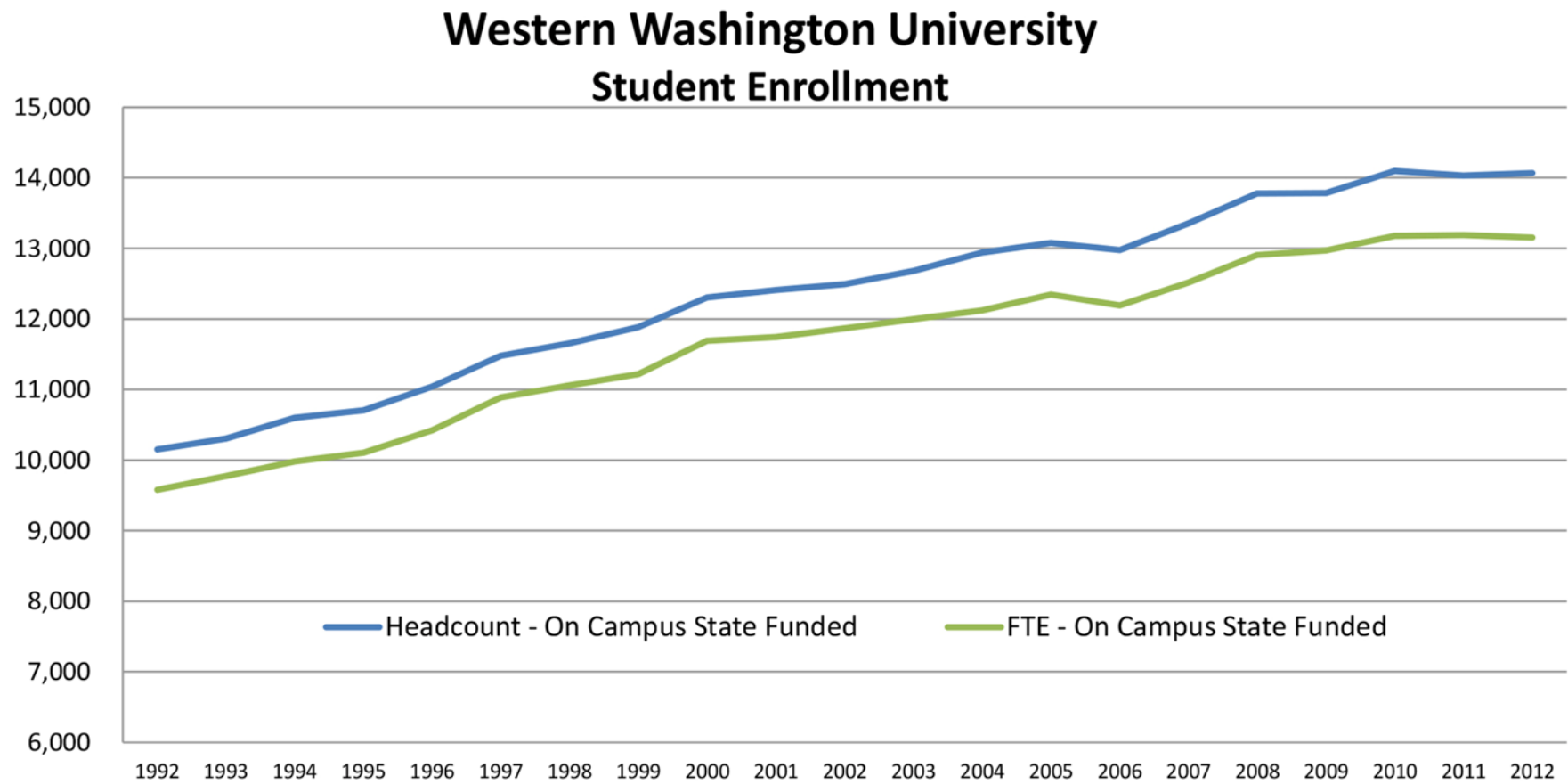


Legislative Presentation

October 2013

Enrollment & Growth



WWU IR, September 2013

Campus Details

- Acreage:
 - Main Campus 172.96 acres + Arboretum 38 acres. Smallest Footprint for Washington Public University.
- Number of Buildings:
 - 55 Academic Buildings, 2,024,392 gsf
 - 10 Auxiliary Buildings, 316,625 gsf
 - 36 Residential Buildings, 888,465 gsf
- Campus Density:
 - Building Area/Student = 218 SF/student
 - Land Area/Student = 508 SF/student



Constraints – Land Locked Campus

Directions

When approaching Bellingham from the north or south on Interstate 5, take Exit #252, marked Samish Way and W.W.U. Turn west onto Samish Way and follow the signs to Bill McDonald Parkway and the University campus.

For parking, call (360) 650-2945 or stop at the Campus Services Building near the corner of Bill McDonald Parkway and 21st Street.

Outdoor Sculpture Collection

- | | |
|---|---|
| A.....Sky Viewing Sculpture, Isamu Noguchi | R1.....Normanno Wedge, Beverly Pepper |
| B.....Scepter, Steve Tibbetts | R2.....Normanno Column, Beverly Pepper |
| C1.....Totem, Norman Warsinske | S.....Stadium Piece, Bruce Nauman |
| C2.....Wall Reliefs, Norman Warsinske | T.....Stone Enclosure: Rock Rings, Nancy Holt |
| D.....India, Anthony Caro | U.....Untitled (Steam Work for Bellingham), Robert Morris |
| E.....The Man Who Used to Hunt Cougars for Bounty, Richard Beyer | V.....Garapata, John Keppelman |
| F.....Untitled (Box), Donald Judd | W.....Manus, Magdalena Abakanowicz |
| G.....Curve/Diagonal, Robert Maki | X.....Alphabeta Cube, Fred Bassetti |
| H.....For Handel, Mark di Suvero | Y.....Bigger Big Chair, David Ireland |
| I.....Bayview Station, George Trakas | Z.....Rain Forest, James Fitzgerald |
| J.....Two-Part Chairs, Right Angle Version (a Pair), Scott Burton | AA.....Untitled, Ulrich Rückriem |
| K.....Mindseye, Mark di Suvero | AB.....Cause and Effect, Do Ho Suh |
| L.....Flank II, Mia Westerlund Roosen | |
| M.....Wright's Triangle, Richard Serra | |
| N.....The Islands of the Rose Apple Tree Surrounded by the Oceans of the World For You, Oh My Darling, Alice Aycock | |
| O.....Untitled, Meg Webster | |
| P.....Log Ramps, Lloyd Hamrol | |
| Q.....Feats of Strength, Tom Otterness | |



Academic Instructional Center (AI).....52	Campus Services (CS).....49
Academic Instructional West (AW).....53	Canada House (CA).....17
Administrative Services (AC).....47	Carver Gymnasium (CV).....22
Administrative Services Building B (AE).....48	Chemistry Building (CB).....41
Alumni House (AL).....6	College Hall (CH).....19
Arntzen Hall (AH).....26	Commissary (CM).....33
Art Annex (AA).....23	Communications Facility (CF).....30
Biology (BI).....42	Edens Hall [Residence] (EH).....5
Biology Greenhouse (BG).....45	Edens Hall North [Residence] (EN).....4
Birnam Wood [Residence] (BW).....36	Environmental Studies (ES).....27
Bond Hall (BH).....21	Fairhaven College (FC).....31
Bookstore (BK).....10	Fairhaven Complex [Residence].....51
Buchanan Towers [Residence] (BT).....32	Fine Arts, Western Gallery (FI).....24

Fraser Hall (FR).....13	Haggard Hall (HH).....15
Haskell Plaza.....50	Higginson Hall [Residence] (HG).....3
Highland Hall [Residence] (HI).....28	High Street Hall (HS).....18
Humanities Building (HU).....14	Library (Wilson Library) (WL).....20
Maintenance Garage (MG).....34	Mathes Hall [Residence] (MA).....1
Miller Hall (MH).....12	Nash Hall [Residence] (NA).....2
Old Main (OM).....11	

Parking Office (CS).....49	Parks Hall (PH).....39
Performing Arts Center (PA).....16	Public Safety/University Police(CS).....49
Physical Plant (PP).....35	Recreation Center (SV).....38
Recycling Center (RE).....46	Ridgeway Commons.....29
Alpha [Residence].....A	Beta [Residence].....B
Delta [Residence].....D	Gamma [Residence].....G
Kappa [Residence].....K	

Omega [Residence].....W
Sigma [Residence].....S
Ross Engineering Technology (ET).....40
Science, Mathematics, & Technology Education (SL).....43
Steam Plant (SP).....25
Student Health Center.....49
Vikings Commons [Dining] (VC).....7
Viking Union (VU).....8
Visitor Information Center (IC).....49
Washington State Archives (AB).....44

© Office of University Communications 07/12

Ten Year Plan Items

Western Washington University

2013-2015 CAPITAL REQUEST & 2013-2023 CAPITAL PLAN

Final approved by BOT June 2012

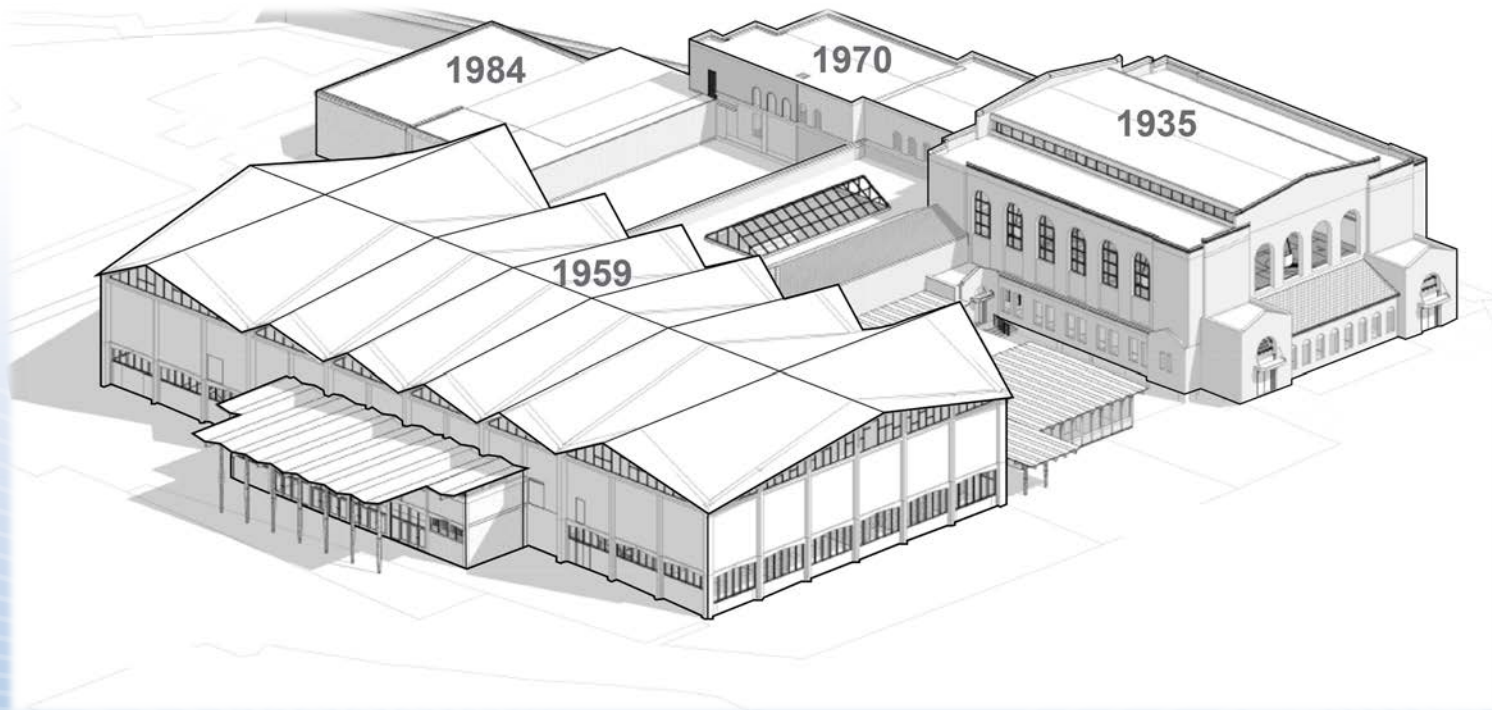
Univ. Priority	PROJECT TITLE (As listed in Capital Plan Submission)	2013-2015 Biennium	2015-2017 Biennium	2017-2019 Biennium	2019-2021 Biennium	2021-2023 Biennium
Partially Funded	MINOR WORKS - PRESERVATION	13,479,000	14,290,000	15,145,000	16,055,000	17,000,000
2	MINOR WORKS - PROGRAM	9,900,000	10,494,000	11,124,000	11,791,000	12,499,000
3	Carver Academic Renovation ***	69,500,000				
4	Gateway Complex (Academic Services & Performing Arts Facility)	7,235,000	61,775,000			
5	Interdisciplinary Science Facility	500,000	9,784,000	83,503,000		
Funded	Comprehensive Exterior Renovation PAC (Performing Arts Exterior Renewal)	3,082,000				
Funded	North Campus Utility Upgrade	3,764,000				
Funded	Classroom & Lab Upgrades (Classroom & Lab Upgrades Phase 2)	4,900,000				
9	Wilson Academic Renovation & Expansion		400,000	5,000,000	55,000,000	
10	Storm Water Mitigation		4,889,000			
11	Steam System Partial Replacement		3,000,000			
12	Waterfront Land Acquisition/Waterfront Community Learning Ctr (Waterfront Community Learning Center and Land Acquisition)		7,600,000 400,000	5,000,000	40,000,000	
13	Southwest Campus Roadway and Parking Revisions			650,000	6,500,000	37,000,000
14	Environmental Studies Center Renovation			300,000	3,000,000	30,000,000
15	Old Main Preservation				250,000	3,500,000
TOTAL		112,360,000	112,632,000	120,722,000	132,596,000	99,999,000

Color Key
- Pre-design
- Design
- Construction
- Intermediate
- land acq.

*** NOTE: The Carver Academic Renovation construction budget request submitted for 2013-15 was reduced to \$69,310,000 due to a 2011-13 mid-biennium OFM approved transfer of \$190,000 from unused Miller Hall Project funding to Carver design funding.

Carver Academic Facility History and Facts

- 5 buildings, average age: 50 years
 - 1935 – Original structure
 - 1959 – Major renovation
 - 1970, 1984, 1994 – small additions



Carver Academic Facility History of Requests

- The original complex was built in 1935 to accommodate approximately 730 students.
- A major renovation was constructed in 1959 when Western's enrollment level was approximately 2,950 students.
- Western's biennial capital requests in the 1980's and beyond included the renovation of Carver as a high priority project to address facility preservation issues and programmatic needs.
- In the 2007-2009 biennium, Western received a predesign appropriation.
- The predesign study was completed in June 2008.
- The project scored high in the 2009-2011 biennial process, but wasn't funded for design.
- Design funding was received 2011-2013 biennium.



Carver Academic Facility Renovation Ranking

Pre-design Category (62 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request (in millions)
WSU	Plant Sciences	2	41.2	Pre-design	\$0.3
WWU	Academic Services & Performing Arts Facility	1	40.4	Pre-design	\$0.4
CWU	Nutrition, Exercise, and Health Science (NEHS) Facility	2	39.4	Pre-design	\$0.3
UW	Miller Hall Renovation	3	33.4	Pre-design	\$0.3
WSU	Wenatchee Fruit Quality & Integrated Pest Mgt Facility	-	31.3	Pre-design	\$0.1
TESC	Lecture Hall Renovation	3	28.0	Pre-design	\$0.3
WSU	Agricultural Animal Health Research Facility	3	24.0	Pre-design	\$0.3

Infrastructure Category (58 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request
EWU	Infrastructure - Upgrade Campus Water System	1	43.0	P-C	\$7.5
WSU	Infrastructure - Bridge Replacement	1	42.6	P-C	\$2.5
UW	High Voltage Infrastructure Improvement Project	1	41.8	P-C	\$4.9
CWU	Combined Utilities	1	41.0	P-C	\$8.0
CWU	Biomass CHP	3	36.2	D-C	\$8.0
* WWU	North Campus Utility Upgrade	2	28.6	P-C	\$3.5
* WWU	Performing Arts Exterior Renewal	3	28.4	P-C	\$2.9
TESC	Alternative Energy Project (aka Campus-Wide Alternative Energy)	2	28.1	D-C	\$10.0
WWU	Wireless Network Upgrade	-	21.0	P-C	\$4.9

Land Acquisition Category (48 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request
TESC	Tacoma Campus Acquisition	1	36.3	P-C	\$11.0
UW	UWT Land Acquisition/Remediation	2	26.5	P-C	\$5.0
WWU	Land Acquisition - Waterfront	-	24.0	P-C	\$7.6

Growth Category (90 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request
CWU	Science Phase II	1	66.9	Design	\$3.5
UW	House of Knowledge	1	42.9	D-C	\$2.7

Renovation Category (101 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request
* WWU	Carver Academic Renovation	1	73.1	Design	\$6.8
* WWU	Classroom & Lab Upgrades	2	68.4	P-C	\$4.8
* WWU	Fraser Hall Renovation	3	67.7	P-C	\$4.5
UW	Anderson Hall Renovation	3	60.2	Design	\$2.5
CWU	Samuelson Union Building	2	59.2	D-C	\$35.8
TESC	Science Lab 1 Modernization (2nd Flr)	1	58.3	P-C	\$5.0
WSU	Fulmer Hall Partial Renovation	-	56.7	D-C	\$8.2
UW	Odegard Library Renovation	2	55.1	D-C	\$19.5
WSU	Troy Hall Renovation	-	50.6	Design	\$1.8
CWU	Business Continuity and Disaster Recover Data Center	3	48.4	P-C	\$3.0
WSU	Design Disciplines Facility	-	47.8	D-C	\$18.0
UW	Burke Museum Renovation	-	45.5	Design	\$5.0
CWU	Brooks Library Renovation	-	44.0	P-C	\$4.9
WSU	Washington Building 3rd Floor Renovation	-	42.1	P-C	\$4.4
WSU	Vancouver Library 2nd Floor Conversion	3	42.0	P-C	\$4.6
WSU	Riverpoint S. Campus Facility Ph 2	-	41.2	D-C	\$4.1
CWU	Health Center Remodel	-	39.5	P-C	\$4.9
CWU	Psychology Renovation	-	34.2	P-C	\$4.9
CWU	Randall Michaelson Remodel	-	33.8	P-C	\$4.9

Highest ranked - Design funded in 2011-13

Replacement Category (101 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request
EWU	Science I (aka Biology-Chemistry Science Center)	1	61.9	Design	\$4.5
WSU	Mt. Vernon Plant Growth/Eq Stor/Repair	-	51.8	P-C	\$3.0
CWU	Peterson Hall Replacement	-	51.5	P-C	\$4.9

Research Category (104 points maximum)		Institutional Priority	Score	Phase Requested 11-13	2011-13 Agency Request
WSU	Clean Technology Laboratory	1	77.5	Design	\$5.8
WSU	Diagnostic & Research Facility	2	73.5	Design	\$5.3
WSU	Prosser -Agric Tech Bldg Addition	-	59.3	P-C	\$2.5
WSU	Prosser Viticulture/Enology Facility	-	56.7	P-C	\$3.5
WSU	College of Agriculture's Dairy Research/Teaching Milking Parlor	-	55.4	D-C	\$8.3

P-C = Pre-design through Construction
D-C = Design through Construction

Institutions had the option to indicate their top 3 priority projects in each of the two groups of categories: 1) Growth, Renovation, Replacement, & Research, and; 2) Pre-design, Land Acquisition, and Infrastructure.



Carver Academic Facility Renovation Ranking

Active Minds Changing Lives

2013-15 Higher Education Capital Projects, 4-Year Institutions						
SINGLE PRIORITIZED LIST						
Chapter 229, Laws of 2012 (E2SHB 2483)						
December 2012						
Construction in the Queue (listed in alphabetical order by institution)*					2013-15 Agency Request (in millions)	Final
CWU	Samuelson Communication & Technology Center	Renovation			\$60.0	\$0.0
CWU	Science Phase II	Growth			\$66.4	\$61.2
UW	Denny Hall Renovation	Renovation			\$54.6	\$30.6
UW	Lewis Hall Renovation	Renovation			\$3.7	\$2.6
WSU	Clean Technology Laboratory	Research			\$55.2	\$30.3
WWU	Carver Academic Renovation	Renovation			\$69.3	\$0.0
Institution	Project	Category	Ranking	Phase Requested	2013-15 Agency Request (in millions)	Final
CWU	Combined Utilities	Infrastructure	1	P-C	\$8.0	\$6.2
EWU	Infrastructure - Upgrade Campus Water System	Infrastructure	2	P-C	\$7.5	\$7.3
CWU	Brooks Library Renovation	Renovation	3	P-C	\$4.9	\$0.0
TESC	Science Lab 2 - 2ND Floor Renovation	Renovation	4	P-C	\$5.0	\$4.7
WWU	North Campus Utility Upgrade	Infrastructure	5	P-C	\$3.8	\$3.6
WSU	Prosser -Agric Tech Bldg Addition	Research	6	P-C	\$2.5	\$2.1
TESC	Science Lab 1 - Basement Renovation	Renovation	7	P-C	\$5.0	\$1.8
WSU	Prosser Viticulture/Enology Facility	Research	8	P-C	\$3.5	\$2.8
WWU	Classroom & Lab Upgrades Phase 2	Renovation	9	P-C	\$4.9	\$4.7
WSU	Troy Hall Renovation	Renovation	10	Design	\$4.4	\$2.0
CWU	Nutrition, Exercise, and Health Science (NEHS) Facility	Replacement	11	Design	\$4.0	\$0.0
UW	Magnuson Health Science Center Roofing Replacement	Infrastructure	12	D-C	\$7.0	\$6.5
CWU	Peterson Hall Replacement	Replacement	13	P-C	\$4.9	\$0.0
WSU	Infrastructure/Grimes Way Realignment	Infrastructure	14	D-C	\$36.0	\$0.0
UW	UW Tower Building Chilled Water Replacement	Infrastructure	15	D-C	\$7.5	\$0.0
WWU	Performing Arts Exterior Renewal	Infrastructure	16	P-C	\$3.1	\$3.0
WSU	Plant Sciences	Pre-design	17	Pre-design	\$0.5	\$0.5
WSU	Global Animal Health Building Phase II/WA Animal Disease Diagnostic & Research Facility	Research	18	Design	\$5.3	\$0.0
WWU	Academic Services & Performing Arts Facility/Gateway Complex	Replacement	19	Design	\$7.2	\$0.0
TESC	Lecture Hall Renovation	Renovation	20	Design	\$2.2	\$1.3
WSU	Plant Growth (Greenhouse) Facilities Phase 1	Pre-design	21	Pre-design	\$0.2	\$0.2
UW	District Energy Resource Center	Infrastructure	22	Design	\$2.2	\$0.0
EWU	Science II Pre-design	Pre-design	23	Pre-design	\$0.4	\$0.4
EWU	Science I (aka Biology-Chemistry Science Center)	Replacement	24	Design	\$4.5	\$0.0
WSU	College of Agriculture's Dairy Research/Teaching Milking Parlor	Research	25	D-C	\$8.3	\$0.0
UW	College of Engineering Classroom and Research Renovation	Pre-design	26	P-C	\$13.4	\$0.0
WSU	Agricultural Animal Health Research Facility	Research	27	Design	\$3.2	\$0.0
UW	Health Sciences Education Phase I - T-Wing Renovation/Addition	Pre-design	28	P-D	\$8.0	\$0.0
UW	Tacoma Classroom Building Renovation - Urban Solutions Center	Pre-design	29	P-D	\$1.9	\$1.9
UW	College of Engineering Interdisciplinary Education/Research Center I	Pre-design	30	Pre-design	\$0.4	\$0.0
TESC	Seminar I Renovation	Pre-design	31	Pre-design	\$0.3	\$0.0
TESC	Tacoma Campus Acquisition & Replacement	Pre-design	32	P-D	\$4.8	\$0.0
WWU	Interdisciplinary Science Facility	Pre-design	33	Pre-design	\$0.5	\$0.0
UW	Innovation Collaboration Center	Pre-design	34	Pre-design	\$0.4	\$0.0
UW	Health & Life Sciences - Hitchcock West	Pre-design	35	P-D	\$10.5	\$0.0
UW	Libraries Archival Storage - Sand Point Building 5	Pre-design	36	P-D	\$1.0	\$0.0
EWU	Riverpoint Building	Pre-design	37	Pre-design	\$0.4	\$0.0
UW	Tacoma Innovation Partnership Zone Development - Phase I	Pre-design	38	Pre-design	\$0.5	\$0.0
WSU	Library Retrieval System - Offsite Storage	Growth	39	P-C	\$4.9	\$0.0
Projects Added (Not Scored)					2013-15 Agency Request	Final
WSU	Everett University Center			Design-Build	\$0.0	\$10.0
WSU	Pullman Pedestrian Bridge				\$0.0	\$1.5
					\$502.2	\$185.2

*Construction projects in the queue: construction projects are not scored in the biennium for which they are requesting construction funds as they are assumed to be the highest priority of all the projects. All construction projects have been scored at the design phase in a prior biennium.

Legend:
P-C = Pre-design through Construction
P-D = Pre-design through Design
D-C = Design through Construction

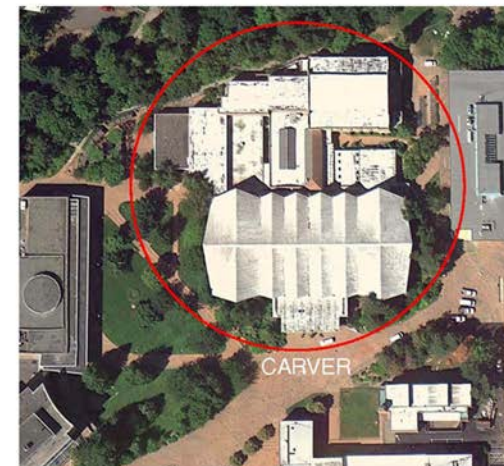
In accordance with E2SHB 2483 Section 110(4), the following criteria, in the following order, were used to determine the project ranking:
i. the project evaluation and scoring process pursuant to 43.88D RCW;
ii. preserving assets;
iii. degree production; and
iv. maximizing efficient use of instructional space.

The ranking is not allowed to do the following:
i. include subpriorities;
ii. be organized by category;
iii. assume any state bond or building account biennial funding level to prioritize the list; or
iv. assume any specific share of projects by institution in the priority list.

WESTERN WASHINGTON UNIVERSITY

LIFE SAFETY / SEISMIC ANALYSIS CARVER ACADEMIC BUILDINGS

September 2013



SEISMIC HAZARD IN THE PACIFIC NW

LOCAL & REGIONAL FAULTS

DRAYTON HARBOR FAULT (2012)

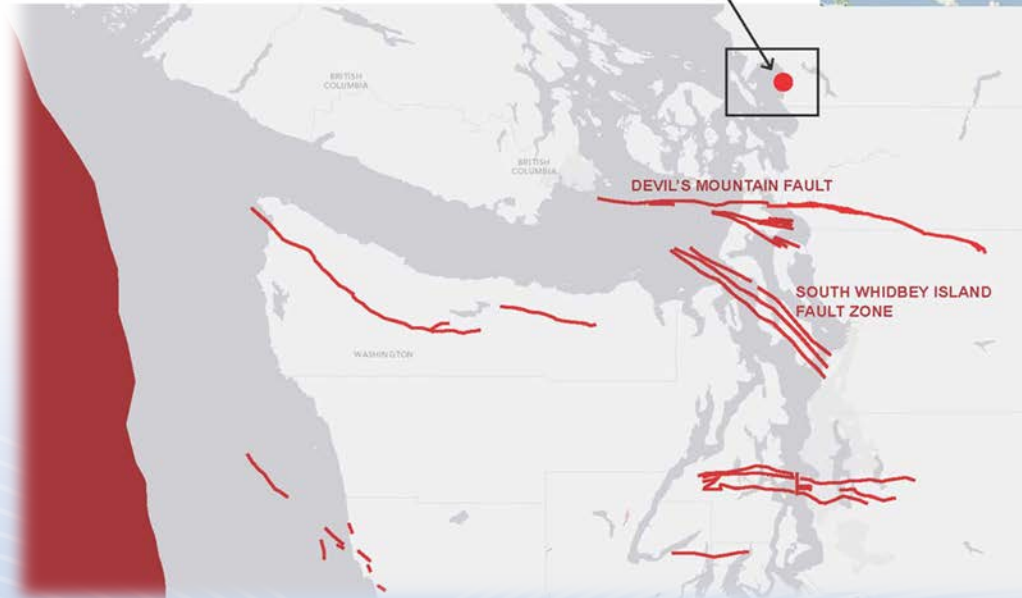
BIRCH BAY FAULT (2012)

SANDY POINT FAULT (2012)

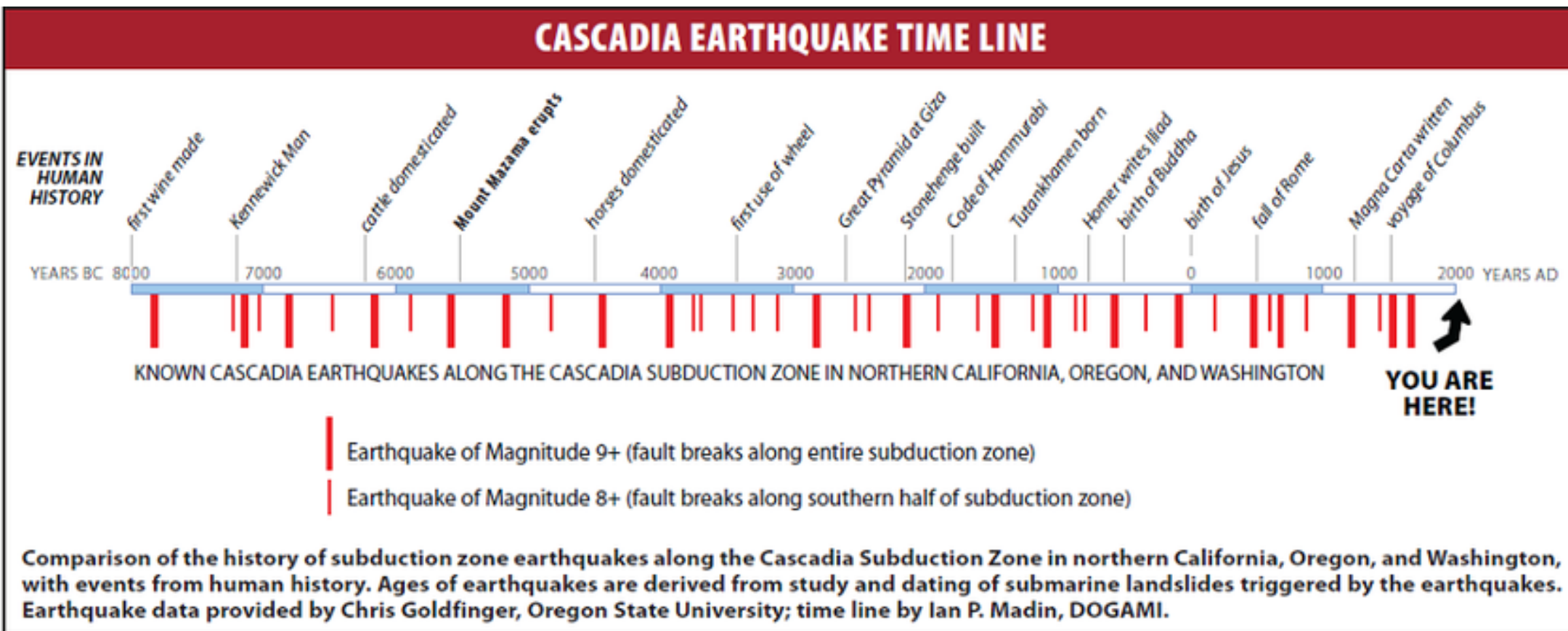
WESTERN WASHINGTON
UNIVERSITY



BOULDER CREEK
FAULT (2008)



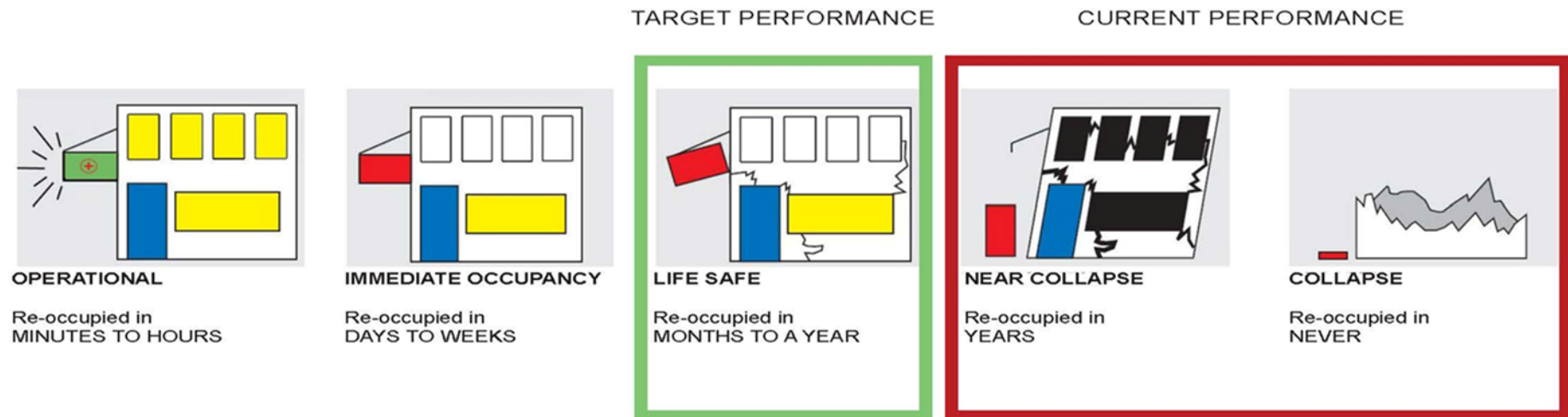
Seismic Hazard In The Pacific NW



- Average 8-9 Magnitude Earthquakes Every 240 years, Last Earthquake 1700.

STRUCTURAL PERFORMANCE EXPECTATIONS

CARVER ACADEMIC FACILITY - PERFORMANCE DURING SEISMIC EVENT



Evaluation of building based on national standard- ASCE 31

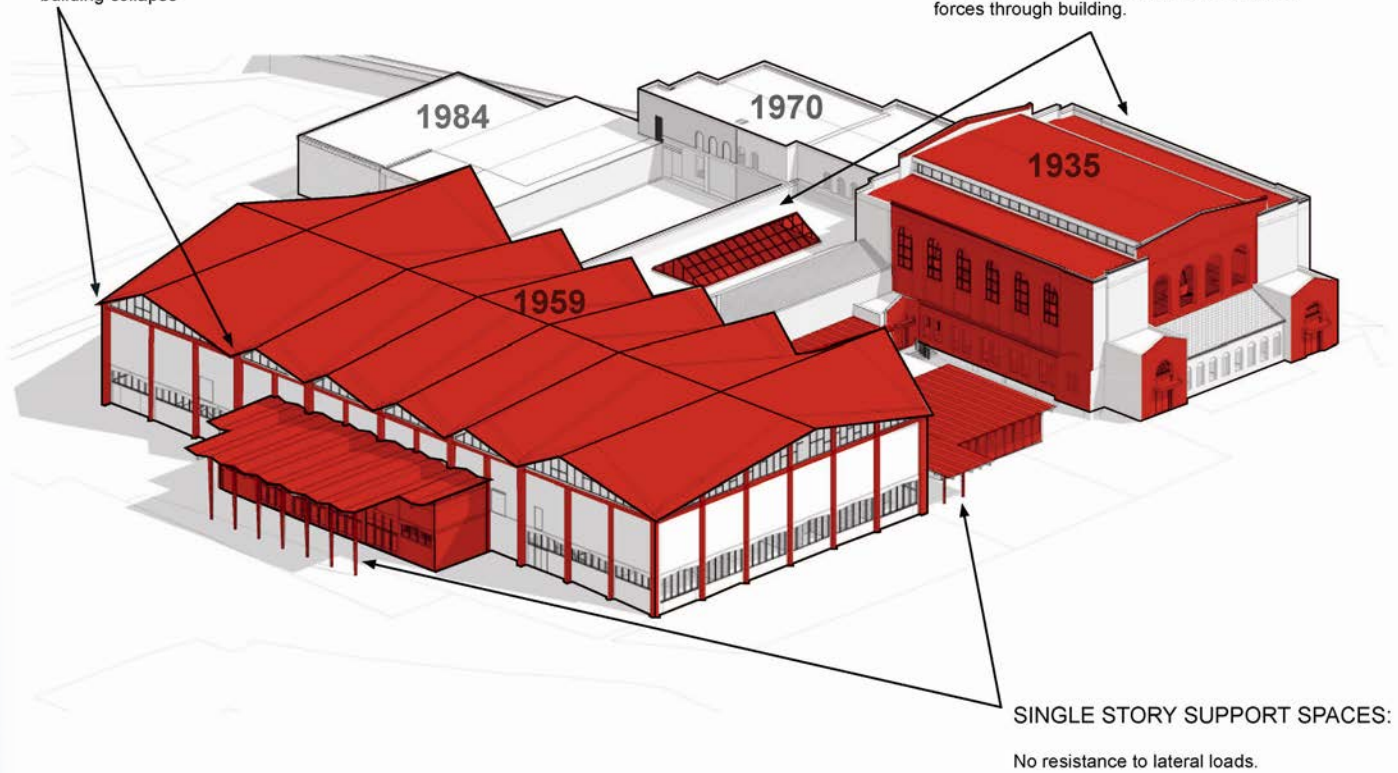
LOCATIONS OF PROBABLE FAILURE IN A SEISMIC EVENT

1959 BUILDING:

Columns and connections Lack adequate strength to transfer seismic forces from roof. Increased risk of building collapse

1935 BUILDINGS:

Unreinforced masonry not adequately connected to floors and roof and not adequately reinforced. Roof structure not strong enough to transfer forces through building.



SINGLE STORY SUPPORT SPACES:

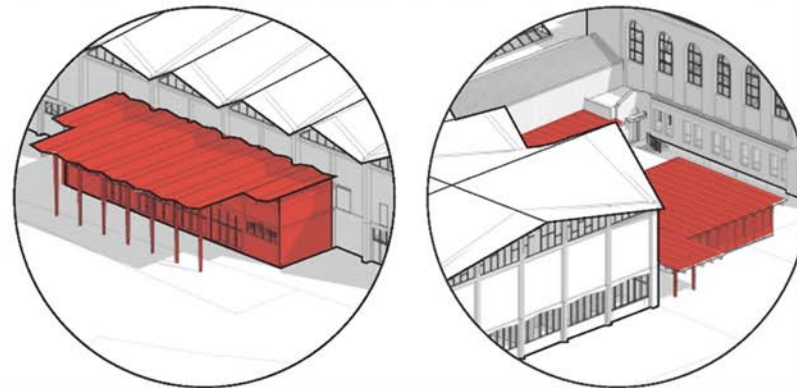
No resistance to lateral loads.

LOCATIONS OF PROBABLE FAILURE:

ENTRY CANOPY AND SINGLE STORY BUILDINGS



Building failure resulting from lack of seismic reinforcement at ground floor, similar to expected failure at entry canopy and single story support buildings.

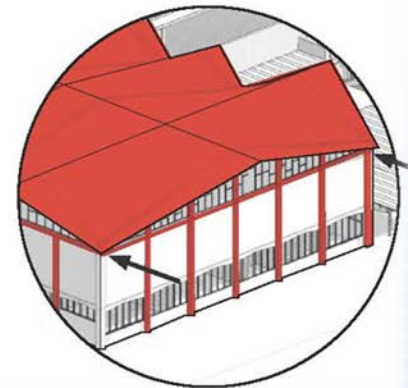


LOCATIONS OF PROBABLE FAILURE:

COLUMN CONNECTIONS IN 1959 BUILDING



Images of column and connection failure due to inadequate reinforcement

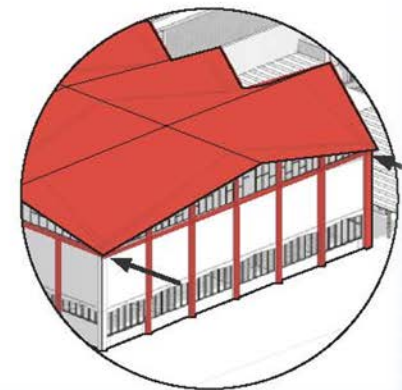


LOCATIONS OF PROBABLE FAILURE:

ROOF COLLAPSE DUE TO COLUMN CONNECTION FAILURE IN 1959 BUILDING



Pancaked floor / roof failure resulting from concrete column failure



LOCATIONS OF PROBABLE FAILURE:

1935 BUILDING WALLS

L'Aquila Earthquake



Nisqually Earthquake



Christchurch Earthquake

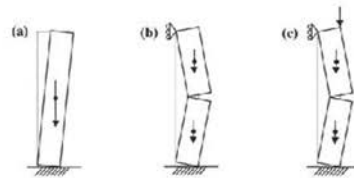
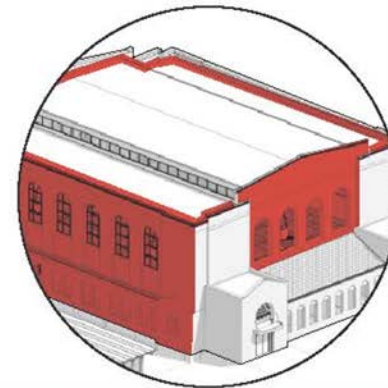


Figure 1. Out-of-plane failure modes: (a) cantilever mode, (b) beam bending mode, and (c) beam bending mode with overburden.

Images of masonry walls separating from roofs



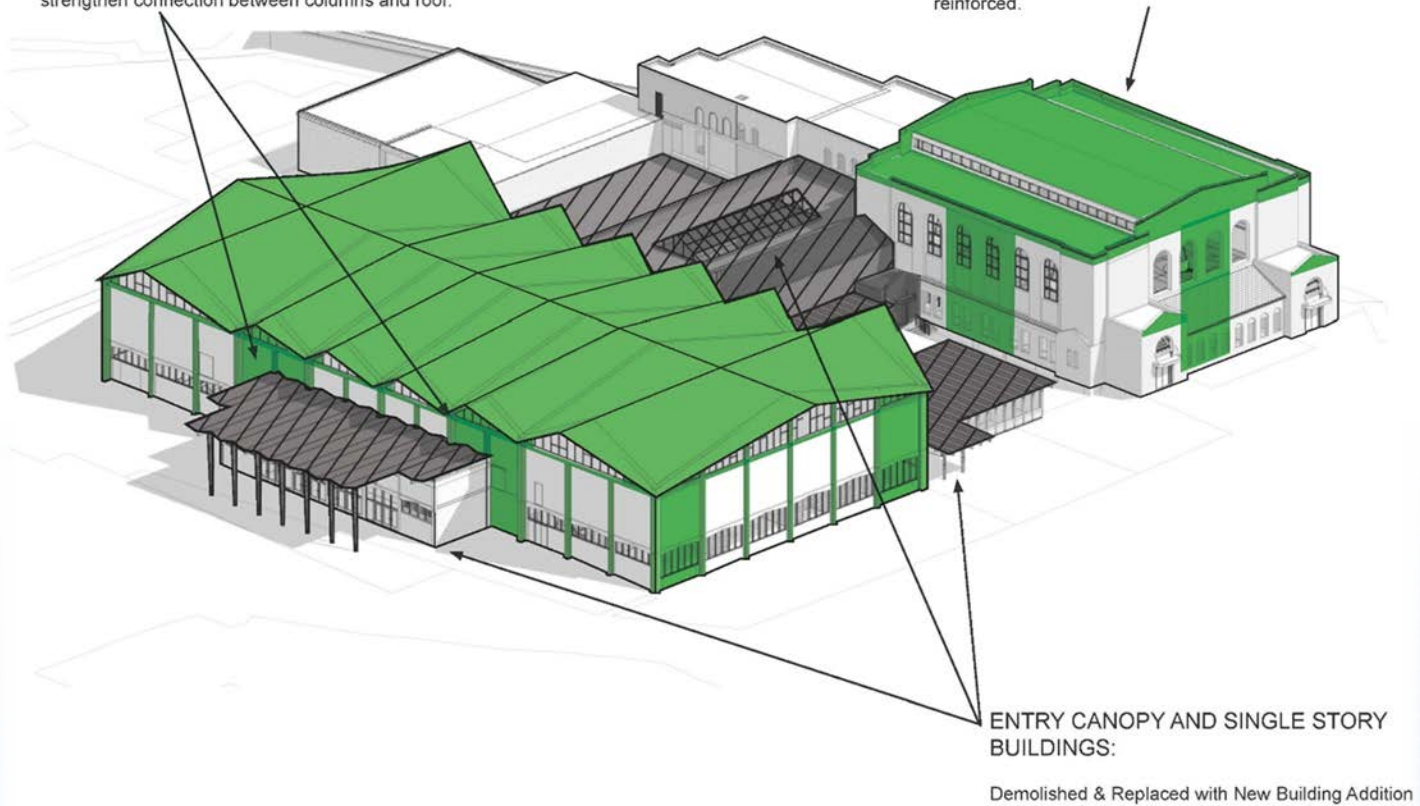
PROPOSED UPGRADES TO LIMIT POTENTIAL FAILURES

1959 BUILDING:

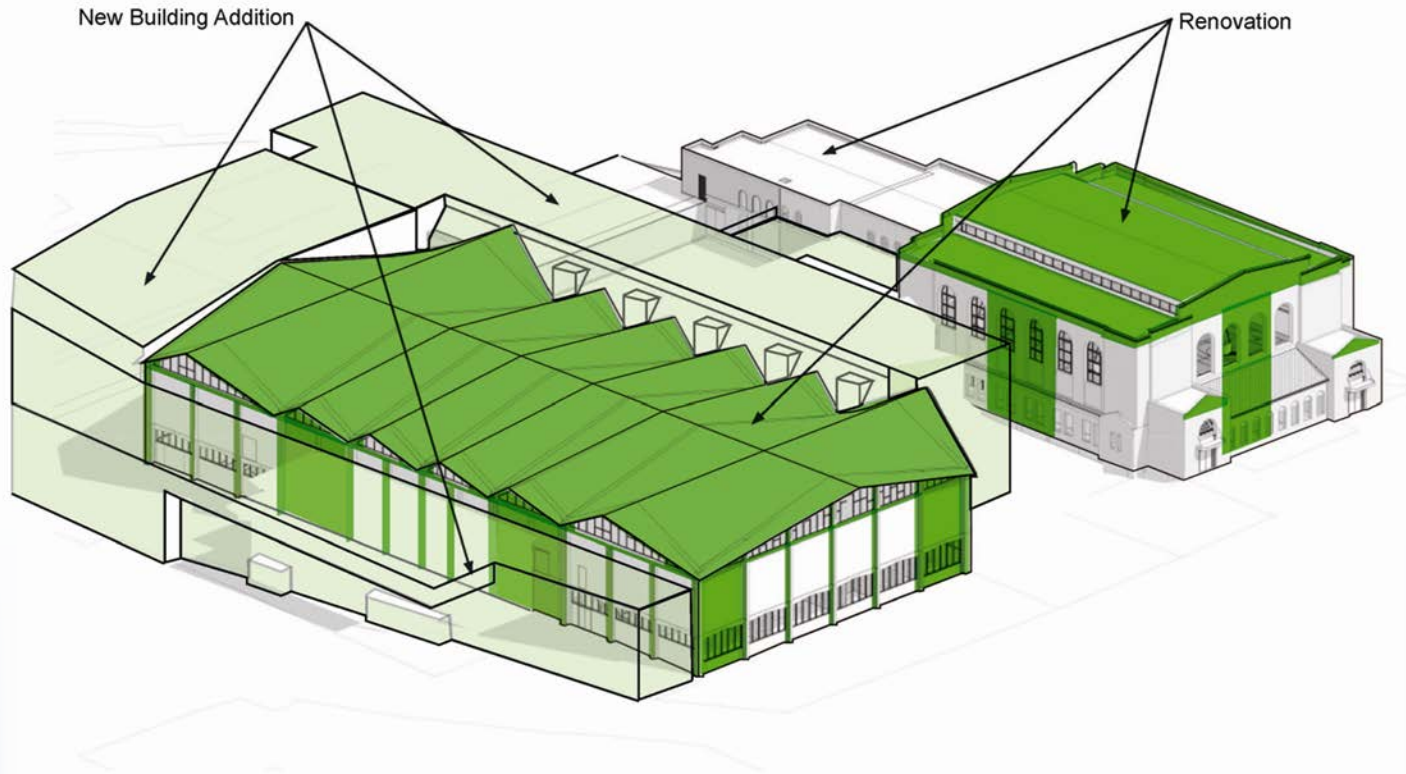
Shear walls and steel reinforcement added to strengthen connection between columns and roof.

1935 BUILDING:

Shear walls and braced frames added to strengthen masonry walls. Connections between walls, floors and roofs reinforced. Roof structure reinforced.



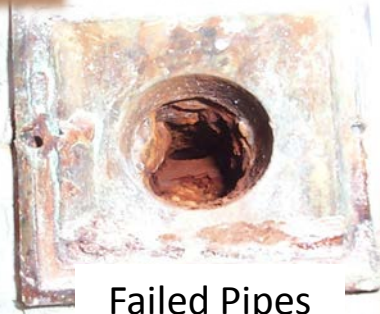
COMPLETED CARVER ACADEMIC PROJECT
RENOVATION & NEW BUILDING ADDITION



Life Safety / Code & ADA Issues



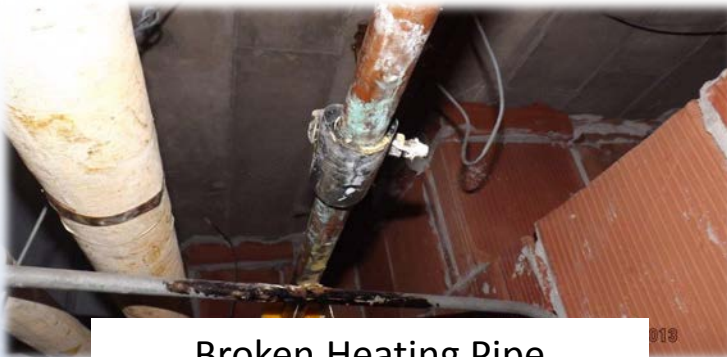
Added Fans at Commencement



Failed Pipes



1935 Obsolete Fans



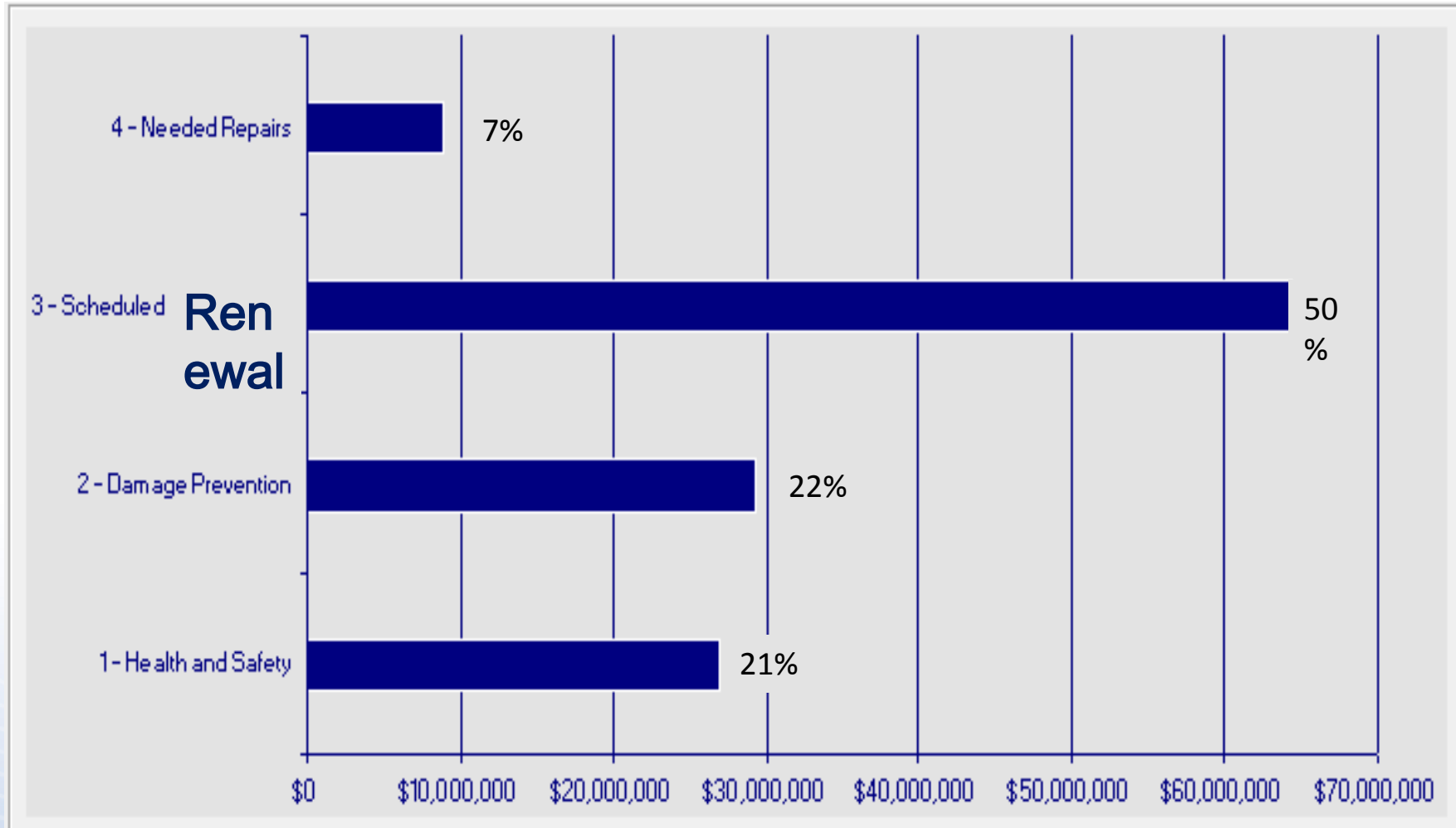
Broken Heating Pipe



Raw Sewage Under Building Slab

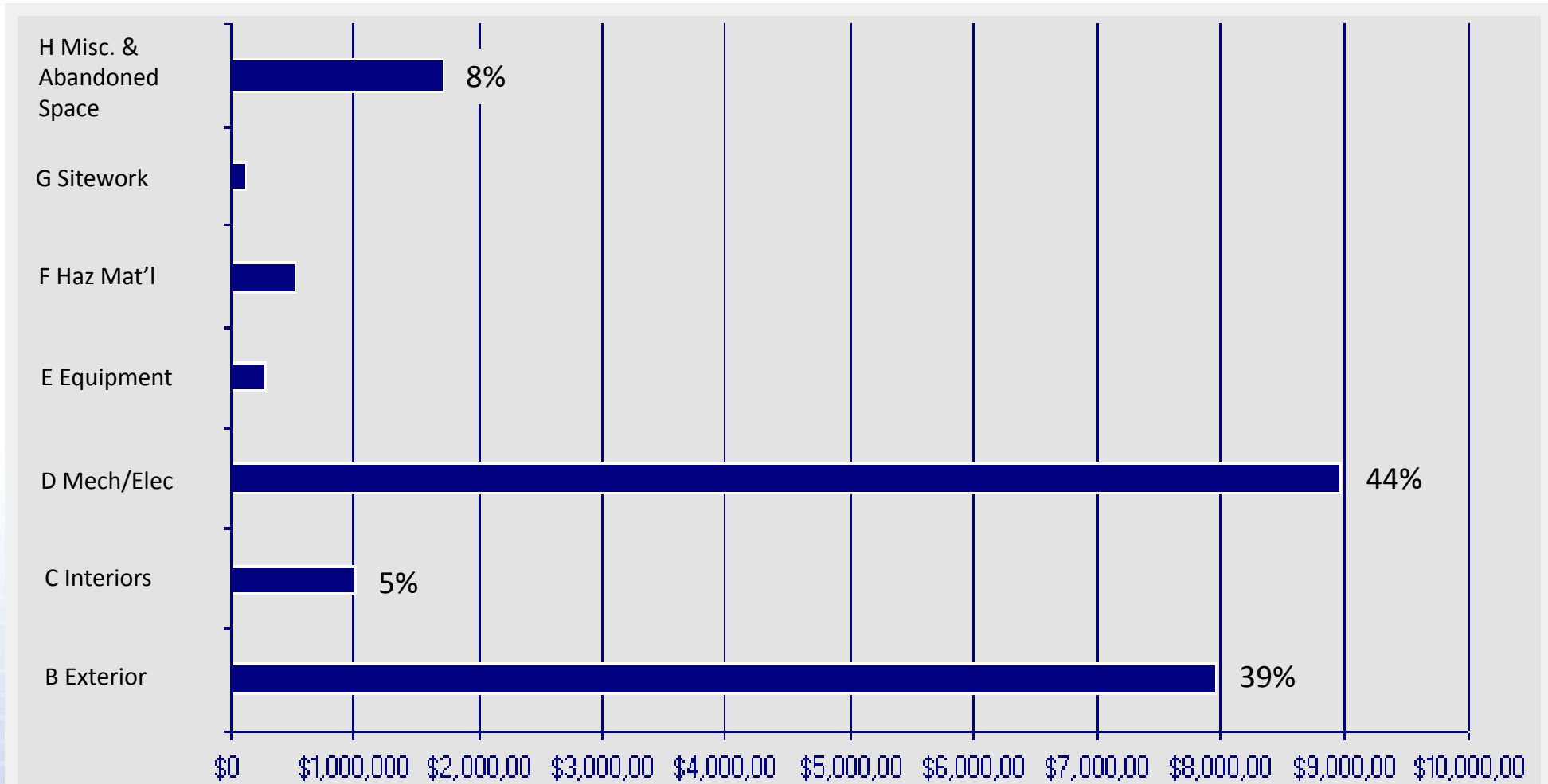
- Failing Systems
- Americans with Disabilities Act (ADA)
- Hazardous Materials

Overall Campus Backlog Breakdown Total = \$129,635,600



- **Campus Building Composite Age = 32 Years**
- **Annualized Campus Preservation Funding Need = \$23.8 Million Per Year**
- **FY 13-15 Provided Half Of Need**

Carver Academic Facility Backlog Breakdown



- Carver Academic Facility Backlog \$20,583,900
- OFM FIS Condition = 4 Needs Improvement: Limited Functionality

Carver Academic Facility Preservation Issues



What is in Carver?

The Carver Academic Facility supports students studying in the fields of:

- Pre-Physical Therapy
- Movement Studies
- Health and Fitness Specialist
- Sport Psychology
- P-12 Physical Education/Health Teacher Education
- Community Health
- Recreation (emphases on Tourism, Outdoor Recreation, Community Recreation, Therapeutic Recreation)
- Dance

Graduates obtain jobs as:

- Physical Therapists
- Occupational Therapists
- Physician Assistants
- Allied health professionals (e.g., nurses, chiropractors, athletic trainers, nutritionists)
- Physical Therapy Aides
- Educators in schools
- Directors of Parks and Recreation
- Directors of Recreational Therapy (in clinics, hospitals, long-term care facilities)
- Directors of Outdoor Recreation and education programs
- Ecotourism planners and leaders
- Fitness and health staff (e.g., Boeing)
- Fitness and health staff at non-profit agencies (e.g., YMCA, Boys and Girls Clubs)
- Personal trainers in private fitness clubs
- Strength and conditioning staff of teams
- Health promoters in a variety of agencies, corporations, etc.

What is in Carver?

Programmatic Impacts

- Per year, there are 268 academic classes taught in the Carver Academic Facility that enroll 7,677 students.
- Size of PEHR = **723** student majors as of spring 2013
- PEHR is the largest department in the College of Humanities and Social Sciences, and the University, and has been since the 2009-10 academic year.
- From Spring 2002 to Spring 2013 the department has grown from 351 majors to 723 majors, representing a **106%** increase.
- Growth of major = **41%** over past five years
- In addition to handling this tremendous recent growth, the Carver Academic Renovation project will add additional classrooms which will support 185 new graduates per year.

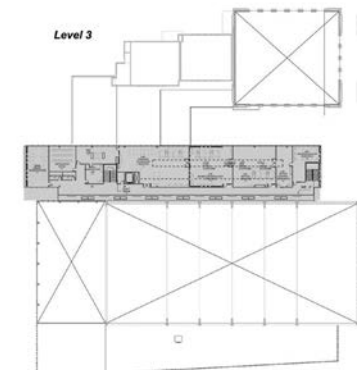
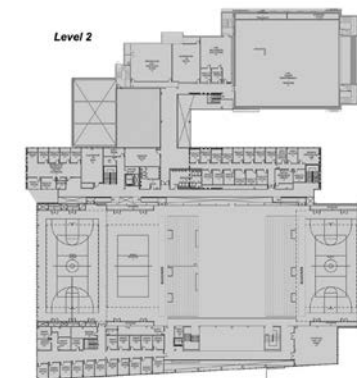
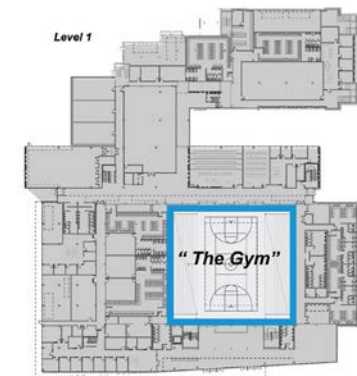
Additional Challenges and Limitations of the Carver Facility

- **Safety issues**
- **Inaccessibility**
- **Inadequacy**
 - Number of students at Western
 - Number of majors in PEHR
 - Accreditation of programs
 - Support of quality programs and faculty (teaching, research, and service)
 - Faculty (hiring, retention, etc.)

What is in Carver?

How is Carver “Gym” Used?

- Only 9 percent of Carver Academic Facility is “Carver Gym.”
- The “gym” is used by academic programs and student life activities more than 73 percent of the available time. On an average day, the gym is scheduled for academic classes from 8 a.m. to 2 p.m., athletics 2 to 6 p.m., and student life activities from 6 to 11 p.m.
- Athletics occupies only 16 percent of the facility.
- Athletics is an important component in a college experience and adds to a liberal arts education.



Other Overall Needs

- Minor Capital Program
- M&O Cost Increases
- CPA Funding – Return to Capital Budget
- Capital Timing Challenges
- Utilities & Grounds
 - (Not included in OFM Condition Index)

Conclusion