

# 2011 SESSION

## HOUSE SUBSTITUTE

11104772D

### HOUSE BILL NO. 2496

#### AMENDMENT IN THE NATURE OF A SUBSTITUTE

(Proposed by the House Committee on Appropriations  
on January 31, 2011)

(Patron Prior to Substitute—Delegate Putney)

*A BILL to amend and reenact Chapters 46 and 696 of the Acts of Assembly of 2009, establishing a six-year capital outlay plan for projects to be funded entirely or partially from general fund-supported resources.*

**Be it enacted by the General Assembly of Virginia:**

**1. That Chapters 46 and 696 of the Acts of Assembly of 2009 are amended and reenacted as follows:**

§ 1. That the following capital outlay projects and descriptive information shall constitute the Commonwealth's capital outlay plan, pursuant to § 2.2-1518 of the Code of Virginia, for the capital projects supported entirely or partially from the general fund for the six-year period beginning July 1, 2009 2011.

\$0 to \$10,000,000

Agency or Institution	Project Title	Priority	Description
Christopher Newport University	Improve Student Security Infrastructure	4	Provides for the connection all of the buildings and open areas on campus through state-of-the-art technology and enables the university to perform needed upgrades to its computing infrastructure and to control access to buildings and computer systems.
Christopher Newport University	Renovate Band Rehearsal Hall and Connector	5	Supports the renovation of a 1950's high school gymnasium into a modern band rehearsal hall and completes the renovation of the area breezeway connecting this area to the front of the Center for the Arts.
Department of Conservation & Recreation	Construct On-Site Residences, Various State Parks	1	Provides 14 residences and 14 parks across the state. This will allow the agency to provide housing for on-sight law enforcement personnel.
Department of Conservation & Recreation	Dredge Boat Ramp and Repair Shoreline Erosion, Belle Isle State Park	3	Provides for dredging the boat ramp and the channel to the Rappahannock River. The project will also stabilize the park's shoreline to prevent further erosion.
Department of Conservation & Recreation	Construct Improvements at Natural Areas	5	Provides for public access, including parking lots, walkways, and signs at five to six of the major natural area sites.
Department of Conservation & Recreation	Acquire property for Mayo River State Park	6	Provides funding for acquisition of land for the park.
Department of Corrections	Construct 200 Bed Housing Unit at Bland	2	Provides for the removal of three existing modular housing structures, and one office trailer, and replacing them with more substantial and longer lasting housing units.
Department of Corrections	Upgrade Perimeter Detection System (Multiple Institutions)	3	Upgrades electronic detection systems on perimeter fences.
Department of Corrections	Replace Door Control Systems	6	Provides supplemental funding for an existing umbrella project created to replace obsolete door control panels and systems.

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64	Department of	Upgrade Building Electrical	7	Upgrades the electrical service at Augusta
65	Corrections	Service Entrance—Augusta		Correctional Center.
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67	Department of	Correct Environmental	8	Provides supplemental funding to an existing
68	Corrections	Deficiencies		umbrella project created to address violations of
69				environmental laws and regulations and included in
70				a consent order with the Environmental Protection
71				Agency.
72				
73	Department of	Upgrade Preliminary	9	Provides supplemental funding to an existing
74	Corrections	Wastewater Treatment		umbrella project created to install auger grinder
75				equipment in wastewater treatment plants to
76				improve preliminary treatment.
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78	Department of Forensic	Expand Eastern Forensic	1	Provides for the renovation of 15,308 square feet of
79	Science	Laboratory Facility		space on the fifth floor to meet the critical space
80				needs of the controlled substances, toxicology, and
81				questioned documents disciplines. In 2005, the
82				Department of Forensic Science was provided
83				funding to lease 5,777 square feet on the 5th floor
84				in this facility from the City of Norfolk to house
85				the latent prints laboratory and laboratory
86				administrative offices. Approval to occupy and
87				renovate the full 5th floor would result in the
88				Eastern Laboratory expanding to approximately
89				54,000 square feet which will allow this laboratory
90				to meet current and projected caseloads.
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92	Department of Juvenile	Expansion and Renovation	1	Expands and renovates the school and gymnasium
93	Justice	to School and Gymnasium		at Natural Bridge Juvenile Correctional Center. The
94		at Natural Bridge Juvenile		gym and the existing classrooms, library and
95		Correctional Center		school administration offices are undersized and
96				unable to support the school staff, suffer from
97				deferred maintenance issues, are not handicapped
98				accessible, and are suspected to contain unabated
99				hazardous materials. These structures require
100				comprehensive renovations to bring them into
101				compliance with current state building codes,
102				current fire/life/safety codes, and agency facility
103				standards.
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105	Department of Mental	Abate Environmental	4	Addresses several environmental hazard issues at
106	Health, Mental	Hazards		state facilities, including groundwater cleanup,
107	Retardation, and			mold, lead paint and asbestos removal. Includes all
108	Substance Abuse			phases of the project.
109	Behavioral Health and			
110	Developmental Services			
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112	Department of Veterans	Install Generator, Salem	1	Provides for full emergency back-up power to the
113	Services	Veterans Care Center		Salem Veterans Care Center through the
114				installation of a 750 to 1000 kw generator.
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116	Department of Veterans	Construct Addition on the	3	Constructs an additional 80 beds to provide the full
117	Services	Sitter Barfoot Veterans		240-beds as originally planned for the
118		Care Center		Sitter-Barfoot Veterans Care Center, located in
119				Richmond adjacent to McGuire Medical Center.
120				Due to changes in the health care delivery system
121				and the rising cost of construction, only 160 beds
122				were constructed in the original project.
123				
124	Department of Veterans	Additions and Renovations,	4	Provides additional activities, patient therapy and
125	Services	Veterans Care Center Salem		administrative areas to the existing facility.
126				Currently, patient activities/therapy and
127				administrative areas are inadequate to serve the
128				needs of the facility.
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130	Frontier Culture	Construct Early American	1	Construct a working, water-powered grist mill. The Frontier Culture Museum's master plan calls for the construction of an early American village as a major component of its expansion, and the grist mill is planned as an important structure in this village.
131	Museum of Virginia	Industry exhibit		
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137	Frontier Culture	Expand Infrastructure	2	Combines two infrastructure requests submitted by the agency. Most of the agency's planned expansion will be constructed in an undeveloped area of the property, adjacent to its existing site.
138	Museum of Virginia			
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142	George Mason	Renovate Fine Arts	1	Renovates approximately 33,200 gross square feet in the Fine Arts Building originally constructed in 1989. The building will be vacated when the Academic V project is completed and the Art and Visual Technology programs move to the new building. The timing will allow for renovation of the facility to convert space from use for visual arts studio to performing arts space to address program needs of the university.
143	University	Building		
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152	George Mason	Renovate Finley Building	2	Renovates the Finley Building after the current academic programs move to the new Arlington II building. The renovation will include modifications to support programmatic needs, including academic support and teaching space, associated with the College of Education and Human Development. There will also be a physical connection constructed between Finley and Thompson Halls to visually link the buildings and to protect outdoor program space.
153	University			
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163	Institute for Advanced	Construct Greenhouse	1	Provides for the construction of a greenhouse needed to further the research efforts of the agency. The agency currently uses growth rooms and chambers. A greenhouse located on property will increase the agency's ability to grow large numbers of plants and expand breeding techniques within an environmental setting.
164	Learning Research			
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171	James Madison	Construct Technology	5	Replaces a large portion of the university's technology infrastructure to improve resiliency and more fully meet the bandwidth demand. The project will add network capacity that will enable high-speed delivery of large streams of data to classrooms, labs and desktops throughout the campus.
172	University	Infrastructure-Phases 1 & 2		
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179	Longwood University	Renovate Space for Faculty	3	Provides for the renovation of facilities to provide for faculty offices. Faculty positions have increased by 42 over the last several years, and currently, there is insufficient space. This has become a recruiting tool for new faculty.
180		and Staff Offices		
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185	Longwood University	Renovate Heating Plant	5	Renovates utility plant to house an additional redundant steam generation capacity for heat and hot water, expansion capacity, and provide a location for a north campus central chilled distribution water system. The chilled water system will utilize a waste heat exchanger from the boiler stacks. This will add additional energy savings by capturing smoke stack waste. A central chilled water distribution system provides economy of scale, a 24/7 monitoring capability and higher reliability and enhanced control. This will be energy efficient and allow for future expansion of the campus.
186		Facility		
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199	Norfolk State University	Renovate the Wilder Center	3	Corrects a safety problem that occurred during design/construction related to the auditorium floor.
200				The sections of the auditorium need to be leveled
201				and re-graded and in order to renovate the entire
202				section of the floor, the seats will need to be
203				removed and the floor demolished and
204				reconstructed to meet handicap accessibility and
205				building code requirements. There will also be an
206				upgrade/replacement of communication,
207				audiovisual, and information technology systems to
208				maintain a functional arts presentation facility.
209				
210				
211	Norfolk State University	Improve Signage, Roads	4	Provides for a comprehensive campus
212		and Campus Boundary,		signage/information system. A new road will also
213		Phase I		be constructed to connect Presidential Parkway and
214				Jordan Way to improve vehicular circulation and
215				eliminate the need to use city streets.
216				
217	Old Dominion	Address Campus Safety,	6	Addresses the most important safety, physical
218	University	Security and Regulatory		security, and regulatory compliance requirements
219		Compliance		on campus including: installing electronic locks for
220				exterior building entrances for all major academic
221				buildings along with emergency telephones across
222				campus, improving and expanding the
223				campus-wide pedestrian network to reduce
224				vehicular traffic, and conducting a comprehensive
225				asbestos survey and abating any critical areas
226				identified.
227				
228	The College of William	Renovate Andrews Hall	3	Covers basic systems renovations to replace
229	and Mary			building systems, achieve current accessibility
230				standards, and comply with current building codes.
231				Since originally requesting the additional funding
232				for this project, the college has begun a
233				far-reaching study of its arts programs to quantify
234				instructional needs and develop a plan for
235				maximizing the arts experience for its students. The
236				role that Andrews Hall would play in that plan
237				remains to be determined.
238				
239	The Science Museum of	Construct Discovery Park	2 1	Provides for the construction of a Discovery Park
240	Virginia			behind the museum, to include various interactive
241				and educational exhibits explaining solar power,
242				horticulture, and season changes.
243				
244	University of Mary	Construct Jepson Science	1	Provides for the construction of a two-story
245	Washington	Center Addition		addition to Jepson Science Center. The Jepson
246				Science Center opened in the fall of 1998 and
247				houses four academic departments: Biological
248				Sciences, Chemistry, Environmental Sciences and
249				Geology, and Physics. Additional space is <del>need</del>
250				<i>needed</i> to meet existing demand.
251				
252	University of Mary	Repair/replace	2	Provides for the repair or replacement of
253	Washington	Underground Utilities		underground utilities, including sanitary sewers,
254				water lines, electric distribution, and steam and
255				condensate piping are showing progressive patterns
256				of failure due to age and deterioration of system
257				components.
258				
259	University of Mary	Install University Card	3	Provides for installation of card access readers to
260	Washington	Access System		approximately 16 E&G and 12 non-E&G buildings
261				on the Fredericksburg Campus to enhance campus
262				security.
263				
264	University of Mary	Improve Storm Water	4	Addresses regulatory requirements to adequately
265	Washington	Management		accommodate storm water flow.

266				
267	University of Virginia	Construct Blandy	6	Provides for the construction of a 3,000 gross
268		Arboretum Research Labs		square foot modern laboratory building, two
269		and Cabins		additional research visitor residence cottages
270				totaling 2,500 gross square feet, and essential
271				infrastructure and utility work, including
272				replacement and extension of water and sewer lines
273				from new well service recently installed.
274				
275	University of Virginia	Renovate Rugby	7	Provides for the rehabilitation and conversion
276		Administrative Building		Rugby Faculty Apartment building into
277		and Restore Lambeth		administrative space and will restore the Lambeth
278		Colonnade		Colonnade. Renovations will include replacement
279				of HVAC, plumbing, and electrical systems, and
280				installation of new security, fire suppression, media
281				systems, elevator, replacement and refurbishment
282				of interior finishes, windows and doors, repair of
283				exterior brick walls and wood trim.
284				
285	Virginia Commonwealth	Renovate East Wing of the	5	Provides for the renovation of a 162,000 square
286	University	Oliver Hall Building		foot building originally constructed in 1976. This
287				project renovates a portion of the building into
288				laboratory space for undergraduate instruction.
289				Approximately 7,000 square feet of classroom
290				space will be converted into laboratories to support
291				freshman chemistry classes.
292				
293	Virginia Community	Improve Heating,	3 13	Provides for the improvement and upgrade to the
294	College System	Ventilation, and Air		heating, ventilation and air conditioning systems at
295		Conditioning,		its Glens Campus. The project scope includes
296		Rappahannock		installation of new controls, air distribution,
297				exhaust ventilation, dedicated computer equipment
298				cooling, and replacement of existing boilers,
299				chillers and electrical upgrades.
300				
301	Virginia Community	Renovate Plaza, Structural	6 16	Provides for the renovation and repairs to correct
302	College System	Repairs Phase II, Annandale		structural issues for a 3,153 square foot area of a
303		Campus, Northern Virginia		covered loading dock/walkway on the Annandale
304				campus. The concrete columns and beams that
305				support this are have deteriorated to the point that
306				temporary shoring has been installed to insure the
307				safety of those who must work in and traverse
308				through the area beneath it. A section of the upper
309				plaza area including an entrance door to the CF
310				building has been closed to pedestrians.
311				
312	Virginia Community	Renovate Library and	8 18	Provides for the renovation of a 39,540 square foot
313	College System	Learning Resource Center,		facility constructed in the mid-1980s. The building
314		Virginia Highlands		houses approximately 11 classrooms, 29 faculty
315				and administrative offices.
316				
317	Virginia Community	Construct Workforce	9 19	Provides for the acquisition of approximately 5.911
318	College System	Development Center,		acres including the existing Monticello Visitors'
319		Piedmont Virginia		Center, renovation of the existing facility of
320				approximately 10,000 gross square feet, and
321				construction of an 11,000 square foot addition.
322				
323	Virginia Community	Renovate Buildings:	40 20	Renovates Carroll and Bland Halls (constructed
324	College System	Carroll, Bland, Galax,		1971), Grayson Hall (constructed 1984), Fincastle
325		Grayson, Fincastle, and		Hall (constructed 1968), Galax Hall (constructed
326		Smyth Halls, Wytheville		1973) and Smyth Hall (constructed 1997).
327				
328	Virginia Community	Renovate Building B, J.	44 6	Provides for the renovation and update of 35,000
329	College System	Sargeant Reynolds -		square feet in Building B at the Parham Road
330		Parham Road Campus,		Campus, constructed in the late 1970's. The
331				planned renovations include upgrade of teaching
332				laboratories, classrooms, and support space needed
333				to provide modern state-of-the-art instruction.

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335	Virginia Community	Replace Exterior Windows	42 21	Provides for the replacement of all exterior
336	College System	and Doors, Rappahannock		windows and doors at its Glenss and Warsaw
337				campuses. Replacement will reduce utility costs in
338				both heating and cooling seasons.
339				
340	Virginia Community	Renovate Phase I Academic	46 7	Provides for the renovation of the existing 42,000
341	College System	and Administration		square foot Academic and Administration Building
342		Building, Eastern Shore		originally completed in 1974. Although selected
343				areas of this building have had some minor
344				alterations over the years, it has not undergone
345				extensive renovations aimed at bringing it up to
346				current codes and standards.
347				
348	Virginia Community	Relocate Observatory and	47 25	Provides for the relocation of an observatory from
349	College System	Great Dismal Swamp		the Portsmouth campus to the Great Dismal
350		Education Center,		Swamp. The relocation and development of the
351		Tidewater - Chesapeake		college's observatory in the swamp will allow for
352		Campus		collocation with an educational facility at the Great
353				Dismal Swamp Refuge in partnership with the City
354				of Chesapeake and the U.S. Fish and Wildlife
355				Service. The proposed facility will include 5,500
356				square feet of Tidewater Community College space
357				to provide a biology laboratory, preparatory spaces,
358				two classrooms, a rooftop observatory and a remote
359				observatory located in the Great Dismal Swamp.
360				
361	Virginia Community	Construct Student Service	48 26	Provides for the construction of a 35,000 square
362	College System	& Learning Resources		foot learning resource center on the college's
363		Center, Christanna Campus,		Daniel campus. The new building would include a
364		Southside Virginia		library, multi-media learning resource center and a
365				student service center for admissions, counseling,
366				financial aid, and other related support spaces.
367				
368	Virginia Community	Renovate Main Building,	49 8	Project provides for a comprehensive renovation of
369	College System	Lord Fairfax		the main academic and administration building on
370				the Middleton campus. The main building was built
371				in 1970.
372				
373	Virginia Community	Renovate Academic	24 28	Provides for the renovation of various classrooms
374	College System	Classrooms and		and laboratories throughout the college to meet
375		Laboratories, Tidewater		college-approved minimum technology standards.
376				While all instructional spaces in proposed new or
377				renovated facilities will meet these standards, 158
378				existing instructional spaces are not included in
379				requests to be completed within the next six years.
380				
381	Virginia Community	Construct Addition to	22 29	Constructs an addition to the Learning Resource
382	College System	Learning Resource Center,		Center (built in 1972). The addition would include
383		Patrick Henry		a multi-media research and development classroom
384				laboratory, model technology training center,
385				center for distance learning with video production
386				capabilities, video conferencing room for faculty,
387				staff, and community use, regional magnet school
388				for technology, and related support spaces.
389				
390	Virginia Community	Renovate and Repair	24 31	Provides for renovations to complete exterior and
391	College System	Exterior/Interior Structures,		interior structural repairs on various campus
392		Thomas Nelson		buildings.
393				
394	Virginia Community	Construct Maintenance	26 33	Constructs a 3,000 gross square foot maintenance
395	College System	Building, Germanna		building on the Fredericksburg campus. The
396				proposed building will contain high bay service
397				areas with operable service doors to house large
398				building and ground maintenance equipment,
399				supplies, and associated offices.
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401	Virginia Community	Construct Network	27 34	Constructs, or acquires through a capital lease, a
402	College System	Operations Center,		new 9,000 square foot facility to house the
403		Tidewater		college's network operations center. The center will
404				provide a modern enterprise data center for
405				management of the college's wide area network
406				(WAN) and services that support administration
407				and instruction at the college's four campuses,
408				remote centers, and other off-campus sites.
409				
410	Virginia Community	Construct Canopies,	29 36	Provides for the expansion to the existing campus
411	College System	Virginia Highlands		canopy system. Canopies connect the three original
412				buildings built on campus in 1969. The project
413				would expand the canopy system to extend to the
414				three additional buildings that have been built since
415				1969.
416				
417	Virginia Community	Construct New Classroom	33 5	Constructs a new 20,000 square feet Classroom and
418	College System	and Administration		Administration Building on the Weyers Cave
419		Building, Blue Ridge		College campus.
420				
421	Virginia Community	Construct Engineering and	34 9	Renovates academic space for the engineering and
422	College System	Industrial Technology		industrial technology program.
423		Building, Danville		
424				
425	Virginia Institute of	Construct a Consolidated	1	Provides for the construction a new 25,000 square
426	Marine Sciences	Scientific Research Facility		foot building to provide research, office and
427				technology space for the Marine Advisory
428				Services, the Center for Coastal Resource
429				Management, the physical sciences modeling
430				group, and the publication/communication and
431				computer centers in a single facility.
432				
433	Virginia Institute of	Expand the Fisheries	2	Provides for the construction of a new 13,900
434	Marine Sciences	Science Building		square foot laboratory and office building adjacent
435				to the Fisheries Science Building. The current
436				facility is at its maximum size allowed by the
437				building code for its construction type.
438				
439	Virginia Institute of	Replace the Oyster	3	Constructs a new oyster hatchery with laboratory
440	Marine Sciences	Hatchery		space for algae culture, larvae culture, and saltwater
441				treatment and polishing; a 10,000 gallon standing
442				water tower reservoir for storage of clean saltwater
443				for fish and shellfish when environmental
444				conditions will not allow pumping water from the
445				York River; storage space for research equipment;
446				a conference/education meeting space; emergency
447				generator; and expansion and improvement of the
448				flow-through nursery located outside the building.
449				
450	Virginia Military	Improve Post Infrastructure,	2	Provides for the upgrades or repairs of aging or
451	Institute	Phase I		failing campus infrastructure, including replacing
452				water distribution piping, boiler replacement,
453				lighting upgrade, and sewer line replacement.
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455	Virginia Military	Improve Public Safety and	3	Provides for the construction of a Post police
456	Institute	Security on Post, Phase I		station facility, inclusion of a centralized command
457				and communications center in the Post police
458				facility, installation of a centralized fire and
459				security monitoring system, installation of a
460				centralized building access monitoring system
461				through door controls and video surveillance of
462				critical areas, installation of an emergency
463				communication alert system for the Post, and
464				construction modifications to Post buildings and
465				infrastructure.
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467	Virginia Military Institute	Renovate Post Hospital	4	Provides for the renovation of the Post hospital, a historic two-story masonry structure built in 1870. All of the building systems are antiquated and in need of major upgrade. This project will make the building accessible to the disabled, replace windows and doors, upgrade finishes, repair the roof, correct exterior water intrusion issues, replace the HVAC and electrical systems and reconfigure the building space to better address the programmatic needs for this facility.
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475	Virginia Military Institute	Improve Admissions and Financial Aid Offices	5	Provides for renovations to the existing admissions office, and conversion and renovation of the adjacent building #29 to the financial aid office.
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479	Virginia Military Institute	Improve Historic Preservation Sites, Phase I	7	Provides for modest improvements to preserve the historic elements of three structures. These facilities, the Commandants Quarters, the Turman House, and the Cabell House, are contributing historical buildings to the VMI Historic District which was listed as both a National Register property and a National Historic Landmark in 1974.
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487	Virginia Museum of Fine Arts	Renovate Robinson House	1	Provides for the demolition of the interior of the building, removal of asbestos, repair and reinforcement of structure, and replacement of major systems, including fire suppression systems. An addition will be constructed to provide an elevator and accessible emergency stairs and restrooms. The Robinson House is a 1850's farmhouse, is a historically significant building to the Boulevard Historic District.
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495	Virginia Polytechnic Institute and State University	Renovate Liberal Arts Building	4	Provides for the renovation of a building that was constructed in 1899 as a YMCA building. The building currently houses Theater Arts programs and the School of the Arts instructional program. The renovation of the building will allow a complete exterior refurbishment and interior renovation to provide new academic spaces.
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503	Virginia Polytechnic Institute and State University	Construct Newman Library Addition - ARC	8	Provides for the construction of a 5,000 gross square foot addition to the east side of Newman Library between the existing loading dock and Squires Student Center. The addition will contain high-density, self-supporting, heavy-duty storage shelving and an automated, robotic retrieval system capable of handling up to one million volumes. The new space will increase the ability to efficiently store and quickly retrieve materials without delay and without additional staff or floor space.
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511	Virginia Polytechnic Institute and State University	Construct Academic and Student Programs Building	10	Provides additional instructional space, dining services, and student services on the north side of campus. The proposed project is envisioned as a 91,200 gross square foot, five story building. The building plan includes two floors of instructional space, two floors of dining service space, and one floor of student union space. The two lower floors will be dining services, the third floor will be student union space, and the top two floors will be instructional space.
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519	Virginia Polytechnic Institute and State University	Construct Academic and Student Programs Building	10	Provides additional instructional space, dining services, and student services on the north side of campus. The proposed project is envisioned as a 91,200 gross square foot, five story building. The building plan includes two floors of instructional space, two floors of dining service space, and one floor of student union space. The two lower floors will be dining services, the third floor will be student union space, and the top two floors will be instructional space.
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527	Virginia Polytechnic Institute and State University	Construct Academic and Student Programs Building	10	Provides additional instructional space, dining services, and student services on the north side of campus. The proposed project is envisioned as a 91,200 gross square foot, five story building. The building plan includes two floors of instructional space, two floors of dining service space, and one floor of student union space. The two lower floors will be dining services, the third floor will be student union space, and the top two floors will be instructional space.
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531	Virginia Polytechnic	Address Fire Alarm	11	Provides for needed campus improvements in
532	Institute and State	Systems and Access		several educational and general facilities resulting
533	University			in improvements to accessibility, installation of fire
534				alarm systems, and updates to the needs assessment
535				and planning which are beyond the scope of the
536				Maintenance Reserve program. This project
537				envisions significant accessibility and safety
538				improvements in various campus buildings and
539				exterior campus facilities.
540				
541	Virginia State University	Renovate Lockett Hall	2	Includes upgrading electrical, plumbing and
542				heating systems, installing central air conditioning
543				and an elevator, upgrading the restrooms to provide
544				handicap access, upgrading the exterior of the
545				building, remediating and abating lead and
546				asbestos, upgrading the interior finishes and
547				communication system, and building a research
548				greenhouse to handle modern research in botany,
549				medicinal plants, and biotechnology.
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555	Agency or Institution	Project Title	Priority	Description
556	Christopher Newport	Construct Integrated Science	2	Constructs a 110,000 square foot academic building
557	University	Center, Phase II		(already funded) and renovate 38,000 square feet of
558				an existing academic building. This is the
559				renovation phase of a combined project. The new
560				Integrated Science Center will provide
561				state-of-the-art laboratories, classrooms, faculty
562				offices and research facilities for Biology,
563				Chemistry, Environmental Science, and
564				Psychology. The building will be fully integrated
565				with an enclosed connector between the existing
566				and new structures. The Integrated Science Center
567				will house more than 50 faculty, 25 laboratories and
568				11 classrooms designed for teaching and research.
569	Department of	Construct Visitor	2	Funds five visitor center/environmental education
570	Conservation &	Center/Environmental		facilities for major parks in the system. Each
571	Recreation	Education Center, Five State		building will be 4,500 to 5,000 square feet and built
572		Parks		to LEED standards.
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574	Department of	Develop Infrastructure, New	4	Funds renovation of a number of historic facilities
575	Conservation &	River Trail State Park		for park use, such as conversion of the old
576	Recreation			Austinville mining office into a visitor center,
577				including construction of a campground and
578				equestrian campground.
579				
580	Department of	Construct Western Training	5	Constructs a training facility in the western part of
581	Corrections	Facilities		the state.
582				
583	Department of Mental	Repair/Replace Campus	2	Funds the repair/replacement of faulty utilities at
584	Health, Mental	Infrastructures		state facility. Also includes the repair or
585	Retardation, and			replacement of damaged sidewalks, curbs, and
586	Substance Abuse			parking lots to ensure safe access for staff and
587	Behavioral Health and			residents
588	Developmental Services			
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590	George Mason University	Construct Physical Plant addition	4	Constructs a 30,000 gross square foot physical plant facility, and renovates the existing 12,000 square feet to correct code and safety issues and realign the existing building to the needs of the physical plant. Constructed in 1974, the current physical plant building was designed to support a significantly smaller and less active campus than the current University. The current Physical Plant Building does not meet building, environmental, or energy codes, Occupational Safety and Health Administration (OSHA) codes, and Americans with Disabilities Act (ADA) regulations.
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600	George Mason University	Construct Satellite Cooling and Heating Plant	5	Constructs an addition to the university-wide central heating and cooling system. The project will add capacity to the central distribution system through the addition of boilers and chillers in the west sector of the Fairfax campus. Placement of new capacity in the west sector near demand sources will reduce distribution losses, while retaining the ability to service the entire campus.
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610	James Madison University	Renovate Johnston Hall	3	Provides for the renovation of Johnston Hall, constructed in 1929 as a student residence hall, and converted to faculty offices in the early 1970s.
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615	James Madison University	Renovate Moody Hall	4	Provides for the renovation of Moody Hall, opened in 1961 as a general-purpose classroom and faculty office facility.
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620	Jamestown-Yorktown Foundation	Replace Yorktown Museum	1	Provides for the construction of a new museum to address the following: (1) accommodate expected visitation (2) replace exhibitory that has exceed its useful life (3) provide a properly sequenced visitor experience and eliminate visitor wayfinding issues, and (4) provide an adequately sized changing gallery to provide a more effective impetus for repeat visitation.
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630	Longwood University	Renovate French Hall for Relocated Technology Center	1	Provides for the renovation of space for Information and Instructional Technology Services (IITS), a department that has doubled in size in nine years as the University has expanded its enrollment and use of technology.
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635	Longwood University	Construct Physical Plant Building	2	Provides for the construction of a 58,452 square foot physical plant building to house trades shops, equipment storage, staff members, project document storage, and controlled spaces for maintenance parts inventory and daily operations. The current grounds department has only one office; the remaining staff members share a garage with equipment and stored supplies. Much of the expensive equipment used by the department must be stored outside, open to the elements, and subject to theft.
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645	Longwood University	Renovate and Expand Wygal Hall	4	Provides for the renovation of 12,000 square feet and construction of an addition totaling 24,000 square feet. It will house classrooms, practice rooms, recital hall, faculty offices, and other rooms associated with an academic music department.
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653	Old Dominion University	Construct a Systems Research and Academic Building	1	Supports the construction of a new 50,000 square feet systems research and academic building on the Norfolk campus. This four-story facility will include modern instructional and research space as well as faculty and administrative offices and support space. The design will encourage unprecedented levels of research collaboration and cooperation across disciplines that are often housed in separate departments within separate disciplines and colleges.
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660	Old Dominion University	Renovate and Construct Child Development Centers	2	Combines 4,000 square feet of renovations to the university's existing child development center with a new two-story, 20,176 square feet addition on the Norfolk campus with the construction of a new 30,000 child development and early childhood education program facility at the university's higher education center located in Virginia Beach.
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667	Old Dominion University	Renovate the Education Building	3	Renovates 45,000 square feet of the College of Education on the Norfolk campus. This is the central location for all of the College's administrative offices and support spaces, labs, and classroom facilities. In addition to the require system upgrades for utility and maintenance efficiencies, the facility will also require structural renovations to establish new classroom layouts.
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674	Old Dominion University	Renovate Spong and Rollins Halls	4	Creates a consolidated service destination for all of the university's daily administrative, business, and student financial service functions within the renovated Spong and Rollins Halls. Spong Hall (39,374 square feet ) and Rollins Hall (49,564 square feet) are two of the original buildings on the Norfolk campus. Once completed, these combined facilities will house the Office of Finance, Office of Financial Aid, Human Resources, University Auditor, Office of the Registrar, Office of Environmental Health and Safety, Equal Employment Opportunity Office, and the support functions of the Office of Admissions.
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681	Old Dominion University	Construct a New Facilities Support Building	5	Acquires approximately four acres of property and constructs a new facilities support building to accommodate the Division of Facilities to include departmental offices, shops, storage facilities, and general warehousing.
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688	Radford University	Construct Graduate/Professional Degree Building	2	Provides for 70,000 square feet for the graduate education program. This is a major focus at Radford University, and graduate students make up 11.5 percent of the RU student body.
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695	Southwest Virginia Higher Education Center	Construct New Wing	1	Constructs 35,000 square feet of new space and renovates 13,787 square feet of existing space to provide for additional classrooms, faculty offices, research labs, and conference space.
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702	The College of William and Mary	Renovate Tucker Hall	2	Repairs/replaces deteriorated building systems and installed equipment and provides upgrades to classrooms to meet the demands of the modern teaching environment to include standard, presentation, and multimedia classrooms. Other work includes connecting to telecommunications systems, installing a fire sprinkler system, addressing handicap accessibility issues, and conducting a complete exterior restoration.
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721	<i>The College of William and Mary</i>	<i>Renovate Tyler Hall</i>	4	<i>Supports renovation of Tyler Hall and adds 5,400 square feet.</i>
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724	University of Virginia	Upgrade Ruffner Hall	3	Provides for the repair and/or replaces of major infrastructure systems in Ruffner Hall, originally constructed in 1973. The project includes a structural evaluation and replaces building systems including HVAC, flooring, electrical, fire alarm system, sprinklers, masonry, roofing, skylights, doors, windows, hardware, interiors, signage, furnishings, site work, and plumbing. It also removes asbestos and lead based paint.
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734	University of Virginia	Construct Ivy Stacks, Phase II	4	Provides for construction of a 30,000 gross square foot facility to accommodate growth in library collections and provide space for technical and curatorial functions of the library. The project includes high density shelving, media storage, a preservation lab, and a new collections processing and handling facility.
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742	University of Virginia	Replace North Chiller Plant Chillers	5	Provides for the replacement of four aging 1,200-ton chillers that are nearing the end of their useful life with new chillers to reliably serve the needs of the health sciences precinct. This plant serves the most critical facilities at the university including the university hospital, patient clinics, animal care facilities, and critical research facilities as well as offices, classrooms, dining, and administrative areas.
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752	UVA's College at Wise	Renovate Wyllie Library	2	Converts the Wyllie Library into an academic classroom building to provide additional classrooms, study space, and faculty offices.
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756	Virginia Commonwealth University	Renovate Sanger Hall, Phase II	2	Provides for the second phase of a four-phase project to upgrade 50,000 square feet of instructional and research laboratories in Sanger Hall, the largest instructional and research facility at the university, and provides the core teaching space for many of the health-related disciplines. The project scope includes reconfiguration and modernization of spaces and upgrades to environmental systems.
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766	Virginia Commonwealth University	Renovate Student Services Building, MCV Campus	3	Renovate the VMI Building, originally constructed in 1925, located on the university's MCV Campus. This renovation is required to co-locate student service activities in an area which is central to campus and within easy pedestrian access to instructional and clinical facilities. The renovation will allow the university to vacate service offices from existing instructional facilities so that academic activities may be more efficiently co-located. The renovation also includes upgrades to building systems.
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778	Virginia Community College System	Renovate Academic Classrooms and Administrative Building, Rappahannock	4 11	Provides for the renovation of academic classrooms and administrative support buildings at Rappahannock Community College.
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782	Virginia Community College System	Construct Student Services - Learning Resources Building, Southside Virginia	4 14	Provides for the construction of a 35,000 square foot Learning Resource Center on the college's Daniel Campus. The new building would include a library, multi-media learning resource center and a student service center for admissions, counseling, financial aid, and other related support spaces.
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789	Virginia Community	Renovate Stone Hall Building,	7 17	Provides for the renovation of Stone Hall
790	College System	Patrick Henry		constructed in 1974. The scope of the renovations
791				include classrooms, faculty offices and a large
792				multipurpose room. The renovations are needed to
793				meet current code requirements for restrooms,
794				accessibility, fire and life safety, ventilation and
795				energy efficiency.
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797	Virginia Community	Renovate Bird and Nicholas	43 22	Provides for a comprehensive renovation and
798	College System	Halls, John Tyler - Chester		upgrade of Bird Hall, Goynes Hall, and the Nicholas
799		Campus		Center on the college's Chester campus. Completing
800				the renovations will improve academic
801				programmatic function and classroom innovation.
802				
803	Virginia Community	Construct Learning Resources	45 24	Constructs a 50,000 square foot building to
804	College System	Center, Tidewater - Chesapeake		accommodate a new Learning Resources Center on
805		Campus		the Chesapeake campus. Dramatic enrollment
806				growth on the campus since construction of the
807				existing Learning Resources Center within the Pass
808				Building has rendered that space insufficient to
809				support the resource needs of the campus. In
810				addition, the space layout is inefficient for
811				contemporary Learning Resources Center functions.
812				
813	Virginia Community	Construct Workforce	23 30	Provides for the construction of a new 55,000
814	College System	Development Center, Northern		square foot workforce development center to
815		Virginia - Woodbridge Campus		support office, classroom and computer laboratory
816				areas.
817				
818	Virginia Community	Construct New Building for	25 32	Provides for the construction of a new 29,500
819	College System	Trucking Program, Tidewater -		square foot facility to house the trucking program,
820		Portsmouth Campus		currently located on the existing Portsmouth
821				campus in the City of Suffolk. This proposal would
822				construct a new Regional Trucking Program
823				Facility as part of the relocation of the Portsmouth
824				campus.
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826	Virginia Community	Construct Workforce Solutions	28 35	Provides for the construction of 45,000 square foot
827	College System	and Academic Training Center,		facility to provide 13 academic classrooms, (two
828		Fauquier Campus, Lord Fairfax		classrooms of 1,200 square feet, four classrooms of
829				900 square feet, four classrooms of 725 square feet
830				and three classrooms of 450 square feet.)
831				
832	Virginia Community	Expand and Renovate Phase III	30 10	Provides for the renovation/renewal of the
833	College System	Academic Building, Northern		33-year-old, 77,735 gross square foot Loudoun
834		Virginia - Loudoun Campus		Campus Phase I main administrative/classroom
835				building. This building contains classrooms,
836				computer labs, faculty and administrative offices,
837				the Learning Resources Center, a bookstore, and a
838				cafeteria.
839				
840	Virginia Community	Renovate Bisdorf Phase II	32 38	Provides for the renovation/renewal of the
841	College System	Academic Building, Northern		27-year-old, 60,000 gross square foot Phase II
842		Virginia - Alexandria		classroom building. This building contains
843				classrooms, computer labs, and faculty offices.
844				
845	Virginia Military	Renovate Science Building	1	Provides for the renovation of the Science Building.
846	Institute			Renovations are required to support a change in the
847				core curriculum related to accreditation and the
848				planned increase in the size of the Corps of Cadets.
849				The goal is to increase the number of math, science,
850				and engineering graduates.
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852	Virginia Military Institute	Renovate Moody Hall	6	Provides for the renovation of Moody Hall, which was constructed in 1969 and primarily supports alumni, faculty and staff and cadet functions and activities. The facility also houses some office space for the admissions office. It is frequently used for educational and administrative meetings and conferences. The building is aging and emergency repairs are increasingly costly.
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860	Virginia Polytechnic Institute and State University	Construct Chiller Plant, Phase I	3	Provides the construction of a central chiller plant building on the southwest area of campus with capacity to hold 12,000-tons of chilling service, install 2,000 tons of chiller output, and install distribution piping. This project received \$480,000 detail planning in Chapter 1.
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867	Virginia Polytechnic Institute and State University	Renovate Cyber Arts and Creative Technologies Laboratory	5	Provides for the creation of a Cyber Arts Studio and Creative Technologies Laboratory will be the first instructional space at Virginia Tech able to fully support emergent pedagogy in creative technologies to enrich programs and student learning in ways that have not historically been possible. By renovating Shultz Hall to the Cyber Arts Studio and Creative Technologies Laboratory, the university will provide the place and infrastructure to fully immerse the university and the extended outreach community into a 21st century exploration of a place and space where art, humanities, science, engineering & technology intersect.
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874	Virginia Polytechnic Institute and State University	Construct Classroom Building	6	Provides for the construction of a 64,250 gross square foot building with 36 large-size classrooms on the north side campus in the core a instruction activity. The university has developed a three phase plan to improve the classroom inventory.
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881	Virginia Polytechnic Institute and State University	Construct Veterinary Medicine Instruction Addition	7	Provides for the construction an addition of about 32,300 gross square feet of instructional space to provide adequate classrooms, to relieve overcrowding of the existing facility, and to accommodate planned hires. The project includes three new classrooms and teaching laboratories, 50 faculty spaces, and renovations of some existing space to minimize the amount of new construction. These issues must be addressed to meet the requirements of the American Veterinary Medical Associations' Council on Education, which is the accrediting body for the College of Veterinary Medicine.
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888	Virginia Polytechnic Institute and State University	Renovate Lane Hall and Construct Addition	9	Provides for the renovation of the building, including exterior envelope repairs, HVAC and ventilation systems replacement, plumbing system replacement and upgrades, electrical system replacement, hazardous material abatement, and provision of accessible circulation and exiting meeting life safety requirements. The project will also construct a 18,400 gross square foot addition that will house several new general assignment classroom spaces and instructional spaces supporting the Corps of Cadets and the three Reserve Officer Training programs (ROTC).
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895	Virginia Polytechnic Institute and State University			
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915	Virginia Economic	Bioscience Wet Laboratory	1	Provides for the construction and renovation of
916	Development	Facility		biotechnology shell buildings designed to
917	Partnership			accommodate and provide wet-lab space or other
918				needed laboratory, research, office, or production
919				space to attract biosciences and other related
920				technology companies to the state, as well as
921				accommodating the growth of companies already
922				located in Virginia
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925				\$25,000,001 to \$50,000,000
926	Agency or Institution	Project Title	Priority	Description
927				
928	Christopher Newport	Construct Luter College of	1	Constructs a new 45,000 gross square foot Luter
929	University	Decision Sciences		School of Business which will house the
930				Department of Accounting, Economics and
931				Finance and the Department of Management and
932				Marketing. Accreditation of the Luter School of
933				Business represents a significant step in the
934				transformation of the business program. This
935				project received \$250,000 for pre-planning in
936				Chapter 1.
937				
938	Christopher Newport	Construct Library and	3	Provides the second phase to complete the
939	University	Information Technology Center,		conversion of the library into an Information
940		Phase II		Technology Center and completes the
941				consolidation of traditional library services,
942				instructional technology and electronic media. It
943				will emphasize and support student and faculty
944				collaboration.
945				
946	Department of Forensic	Expand Western Forensic	2	Provide for purchase of a property adjacent to the
947	Science	Laboratory Facility		department's Roanoke Lab. The purchase will
948				expand the current facility by an estimated 55,000
949				square feet.
950				
951	Department of Mental	Replace Facility Roofs	1	Includes all four phases of roof replacement at
952	Health, Mental			state facilities. Project would replace roofs that are
953	Retardation, and			beyond repair.
954	Substance Abuse			
955	Behavioral Health and			
956	Developmental Services			
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958	Department of Mental	Replace Support Service Facility	6	Replaces a food service facility that was designed
959	Health, Mental	at Eastern State Hospital		and built in 1954 for 1800 patients. The existing
960	Retardation, and			facility is several times too large to economically
961	Substance Abuse			and efficiently provide service to the current
962	Behavioral Health and			population at Eastern State Hospital. The proposed
963	Developmental Services			facility will serve 300 patients from an
964				appropriately sized facility. A new patient cafeteria
965				will also be provided within this facility. The
966				facility will also replace a warehouse/purchasing
967				space and a buildings & grounds/transportation
968				space.
969				
970	Department of Veterans	Construct Veterans Care Center	2	Provides funding for a proposed facility that
971	Services	in Hampton Roads		encompasses 240 beds within about 165,000
972				square feet, and includes domiciliary care (assisted
973				living), skilled nursing, an Alzheimer's unit and
974				perhaps a unit for the treatment of spinal cord
975				injuries. The department has submitted, and
976				USDVA funding is pending for a new Veterans
977				Care Center in Hampton Roads, Virginia.
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979	James Madison	Renovate West Wing Hospital	1	Provides for the renovation of the West Wing of
980	University			the Rockingham Memorial Hospital complex,
981				purchased by James Madison University in 2005.

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983	James Madison	Renovate and Expand Duke Hall	2	Provides for the renovation and expansion of Duke
984	University			Hall at James Madison University. Duke was
985				opened in 1967 as a classroom, studio and faculty
986				office facility for the fine arts. Originally, Duke
987				housed the university's Music, Theatre and Art
988				Departments. Today it contains classrooms, studios
989				and faculty offices for School of Art and Art
990				History and the main stage theatre of the School of
991				Theatre and Dance.
992				
993	Norfolk State	Construct a New Nursing and	1	Project supports the construction of a new building
994	University	General Classroom Building		to house research, instructional, and support
995				services for the Department of Nursing as well as
996				general instructional classrooms on the Norfolk
997				campus. This project includes both the demolition
998				of the old Norfolk Community Hospital, originally
999				intended to house the nursing program and general
1000				classrooms, and the construction of a new 130,300
1001				square feet facility at a different location on
1002				campus to conform to the university's master plan.
1003				The new facility will provide state of the art space
1004				and infrastructure, replacing aged inadequate
1005				classroom and laboratory spaces.
1006				
1007	Norfolk State	Renovate and Expand the Hamm	2	Addresses disability access limitations, inadequate
1008	University	Fine Arts Building		storage, lack of sound proof music rooms, and
1009				poorly ventilated art classrooms. The
1010				renovation/expansion will support the existing arts
1011				program, permit the existing band program to
1012				expand, and bring the facility into building code
1013				compliance.
1014				
1015	Radford University	Construct College of Science and	1	Provides for a new building to house mathematics,
1016		Technology Building		statistics, computer science and technology, and
1017				information science systems. Currently, the
1018				distance between the disciplines limits day-to-day
1019				interdisciplinary collaboration for both faculty and
1020				students. Bringing these disciplines together into a
1021				new building will promote a strong synergy among
1022				the computational sciences and open additional
1023				space on campus for the expansion of the natural
1024				sciences.
1025	Radford University	Construct Graduate/Professional	2	Provides for 70,000 square feet for the graduate
1026		Degree Building		education program.
1027				
1028	The Science Museum of	Construct Belmont Bay Potomac	4 7	Provides for the construction of the Belmont Bay
1029	Virginia George Mason	Science Center		Potomac Science Center in Northern Virginia.
1030	University			
1031				
1032	University of Mary	Construct Information and	5	Provides for the construction of the University of
1033	Washington	Technology Convergence Center		Mary Washington Information and Technology
1034				Convergence Center, which will house the core
1035				work of the institution to create, adapt, customize
1036				and implement the best possible combinations of
1037				teaching, learning, assessment, and information
1038				resources.
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1040	University of Virginia	Construct Arts Gateway to the University	2	Creates a unique arts complex that co-locates visual and performing arts facilities with an arts residential college for upper-class students. This project will include an art museum, a studio theater (for theatrical performances, dance recitals, lectures, and film screenings), a band facility, and a forum building (for events such as public lectures, presentations, performances and dinner). The project also includes a 250-bed student residential college with a 260-seat dining facility (to also serve the adjacent International Residential College and support light meals and dinners hosted in the forum).
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1054	University of Virginia	Renovation of the Rotunda	8	Provides for the renovation of the Rotunda.
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1056	UVA's College at Wise	Construct New Library	1	Construct a 60,000 square foot library facility that will provide sufficient space to accommodate the College's planned growth.
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1060	Virginia Commonwealth University	Construct Classroom Building	1	Construct a new 102,000 gross square foot building to serve as a major classroom facility and student services center for the university's Monroe Park campus. The project includes space for financial aid, student accounting, treasurer, records/registration, VCUCard and a small area for business services, general purpose classrooms and faculty and administrative office space.
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1069	Virginia Commonwealth University	Construct Information Commons and Renovate Libraries	4	Construct a 82,000 square foot addition to the north of the James Branch Cabell Library and renovate 80,000 square feet in the existing library building. This expansion will help the current library transition to a modern, state-of-the-art facility that reflects VCU's status as a major research university.
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1077	Virginia Community College System	Construct Phase III Building, Midlothian Campus, John Tyler Community College	1	Construct a new 70,000 square-foot academic building to support academic education and academic support space.
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1081	Virginia Community College System	Construct Phase VII Academic Building, Annandale Campus, Northern Virginia	2	Construct a 75,000 square foot general purpose academic building, and would constitute the final building on the existing Annandale campus.
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1085	Virginia Community College System	Construct Science and Engineering Building, Chesapeake Campus, Tidewater	3	Construct a 76,000 square-foot academic building to support instruction in the sciences and engineering disciplines.
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1089	Virginia Community College System	Renovate Bayside Building (Bldg. B0, Virginia Beach Campus, Tidewater	4	Renovate the existing 1970 era 52,000 square foot building to support academic and student support services including academic advising, counseling, admissions, financial aid and space to support the campus Math, Writing and Language learning labs.
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1096	Virginia Community College System	Replace Anderson Hall, Virginia Western	2 12	Provides for construction of a new science and technology building. The current facility is obsolete and does not meet health and safety requirements.
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1101	Virginia Community College System	Construct Phase III Academic Building, Woodbridge Campus, Northern Virginia	5 15	Constructs a new academic building consisting of 84,000 gross square feet of classroom, computer lab, science lab, library, art lab and cafeteria spaces. This facility will contain 15 classrooms, five computer labs, two science labs, four art labs, a 20,261 square foot Learning Resource Center, and a 4,786 square foot cafeteria.
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1109	Virginia Community College System	Construct Replacement for Tyler Academic Building, Northern Virginia - Alexandria	44 23	Provides for the construction of a new 80,000 square foot building for classrooms, art and photo laboratories, faculty offices and a bookstore to replace the existing 78,625 gross square foot Tyler Building.
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1114	Virginia Community College System	Renovate and expand Brault Building, Northern Virginia - Annandale Campus	20 27	Provides for the expansion and renovation of the College Headquarters building. The expansion consists of a 20,000 gross square feet of administrative office space and the renovations consist of 28,100 gross square feet of office space.
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1119	Virginia Community College System	Renovate and Expand Phase III Academic Bldg, Manassas Campus, Northern Virginia	34 37	Provides for the renovation/renewal of the 33-year-old, 61,934 gross square foot Phase I Academic/Administrative Building and renovation of the 11 year old, 48,500 gross square foot Phase II academic building. These buildings contain classrooms, science labs, computer labs, faculty and administrative offices, the Learning Resources Center, and a cafeteria.
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1124	Virginia Cooperative Extension and Agriculture Experiment Station	Construct Human & Agricultural Biosciences Building I	1	Provides for faculty offices, research offices and laboratories, and graduate student research space that will be used to house a number of research programs in the station. The proposed construction is a state-of-the-art laboratory facility to meet the modern demands of animal science research and discovery. This project received \$2,040,000 for detail planning in Chapter 1.
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1129	Virginia Cooperative Extension and Agriculture Experiment Station	Construct Human and Agricultural Bioscience Facility, Phase II	2	Provides for the second phase of the project which received funding for detail planning in Chapter 1. The construction of Phase I still has <i>to</i> be appropriated and is requested above. Total funding will allow the institution to construct a 92,500 gross square foot facility that will be a combination of faculty offices, research offices and laboratories, and graduate student research space and will be used to house a number of research programs in the station. The proposed construction is a state-of-the-art laboratory facility to meet the modern demands of animal science research and discovery.
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1134	Virginia Polytechnic Institute and State University	Renovate Davidson Hall	1	Provides for full funding for the Davidson Hall project, which received detail planning funds in Chapter 1. Davidson Hall houses the chemistry program and is a critical instruction location for students. Conditions in many areas are approaching unsafe levels due to age and incompatibility with modern scientific teaching methods.
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1139	Virginia Polytechnic Institute and State University	Construct Engineering Signature Building	2	Provides for construction of a 160,000 gross square foot facility will be a combination of classrooms, class laboratories, and research laboratories to house a number of departments and programs in the college. This will be a state-of-the-art instruction facility focused on undergraduates with highly specialized laboratories that will support hands-on, problem solving oriented learning in the engineering disciplines. This project received \$250,00 in preplanning funds in Chapter 1.
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1174	Virginia State	Renovate and Expand Daniel	3	Provides reconfigured optimal space for the
1175	University	Gym		Departments of Health and Physical Education, as
1176				well as the Recreation and Dance Bachelor of
1177				Science programs. Renovation efforts would
1178				include: upgrading the HVAC, restructuring
1179				interior walls to accommodate course offerings,
1180				upgrading and repairing interior finishes,
1181				upgrading plumbing and electrical systems, and
1182				modernizing the locker rooms. Major renovations
1183				are also needed to the natatorium to provide for the
1184				comfort and safety of both participants and
1185				spectators. A proposed 26,451 square feet
1186				expansion would provide new electronic
1187				classrooms, seminar rooms, courts, studios, offices
1188				and a training and wellness center. A storm water
1189				master plan and new or expanded storm water
1190				management facility are also important
1191				components of this project.
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1195				\$50,000,001 to \$75,000,000
1196	Agency or Institution	Project Title	Priority	Description
1197				
1198	Department of Mental	Repair/Replace Boilers,	3	Continues the phased renovations of the boilers,
1199	Health, Mental	Heat Distribution and		heat distribution and HVAC systems and addresses
1200	Retardation, and	HVAC Systems		the most critical needs for the various facilities.
1201	Substance Abuse			This request will address the detailed needs of state
1202	Behavioral Health and			facilities in three parts. Part A deals with
1203	Developmental Services			renovation of heat distribution systems, Part B
1204				addresses boilers and boiler plant auxiliary
1205				equipment and Part C will upgrade deficient
1206				building heating, ventilation and air conditions
1207				systems. The project includes funding for all
1208				phases.
1209				
1210	George Mason University	Construct Campus Library	3	Constructs a 150,000 gross square foot addition to
1211		addition, Phase I		the existing Fenwick Library to reposition it as the
1212				main research library and as the central hub,
1213				connecting the Johnson Center, Arlington and
1214				Prince William campus libraries. The addition will
1215				help meet the needs and demands of a growing,
1216				increasingly residential, undergraduate student
1217				population, with a strong focus on graduate
1218				education and research.
1219				
1220	George Mason University	Construct Academic	6	Constructs a new 150,000 gross square foot
1221		VII/Research III, Phase I		academic building to serve the College of Health
1222				and Human Services. Projected enrollment growth
1223				must be supported by the addition of space for
1224				academic, instructional, research, and clinical
1225				support located within a new facility. The building
1226				will also provide new classroom space to replace
1227				rooms removed by ongoing renovations and
1228				upgrades.
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1230	George Mason University	Construct Life Sciences	7	Provides 100,000 gross square foot life sciences
1231		Building, Prince William		building on the Prince William campus.
1232				
1233	George Mason University	Construct Health and	8	Provides for a 250,000 gross square foot academic
1234		Human Services Building,		building on the Fairfax campus.
1235		Phase I, Fairfax		
1236				

1237	University of Virginia	Renovate New Cabell	1	Provides for renovations to support core functions
1238		Hall		of the College of Arts and Sciences' mission. The
1239				building, originally constructed in 1950, is in need
1240				of general renewal to support its present program
1241				activity. The project renovates 50 centrally
1242				managed classrooms, 390 faculty offices and
1243				includes updates to all major building systems to
1244				provide modern functionality and address code and
1245				accessibility compliance.
1246				
1247	Virginia Military Institute	Construct Corps Physical	7	Provides for a new physical training facility.
1248		Training Facilities		
1249				
1250	Virginia State University	Construct a multipurpose	1	Supports the construction of a multipurpose center
1251		center		to accommodate programmatic needs of various
1252				academic, cultural, athletic, entertainment functions
1253				and the extension of outreach programs into the
1254				surrounding counties.

## \$75,000,001 to \$100,000,000

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1258	Agency or Institution	Project Title	Priority	Description
1259				
1260	Department of Mental	Replace Forensic Unit at	7	Replaces within a single building, all of the
1261	Health, Mental	Central State Hospital		appropriate residential, treatment program, and
1262	Retardation, and			administrative support functions necessary to a
1263	Substance Abuse			secure forensic mental health facility meeting
1264	Behavioral Health and			today's standards. In addition the new buildings
1265	Developmental Services			would be both energy and staff efficient by design.
1266				Includes both planning and construction costs.
1267				
1268	The College of William	Construct Integrated	1	Provides approximately 120,000 square feet of
1269	and Mary	Science Center, Phase III		additional classroom, laboratory, office, and
1270				support space to the Integrated Science Center
1271				Complex to accommodate the Department of
1272				Applied Science and the Computational Science
1273				Program. This facility will provide teaching and
1274				research space designed for maximum flexibility to
1275				meet the challenging needs of science instruction
1276				and accommodate student and faculty research in
1277				the sciences, applied science, and mathematics.

## Above \$100,000,000

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1281	Agency or Institution	Project Title	Priority	Description
1282				
1283	Department of Corrections	Construct Charlotte	1	Construct a 2,000-bed medium security prison.
1284		County prison		
1285				
1286	Department of Corrections	Construct New Medical	4	Constructs a new 150-bed hospital at Powhatan
1287		Facilities at Powhatan		Correctional Center.
1288				
1289	Department of General	Renovate Supreme Court	1	Renovates the Supreme Court building which was
1290	Services	Interior		originally constructed in 1919 as the Federal
1291				Reserve Bank of Richmond. The present building
1292				consists of the original structure and several
1293				additions constructed prior to approximately 1951.
1294				The Supreme Court Building is a Richmond
1295				landmark and is eligible for nomination to both
1296				Virginia and National historic registers. This
1297				project addresses the renewal of all interior
1298				building systems and upgrade to present day
1299				building code, environmental quality, life safety,
1300				accessibility and functional standards.

1302	Department of General Services	Construct New General Assembly Building	2	Constructs new General Assembly Building for use by the State Legislature. This project will demolish the east and west General Assembly Buildings and will replace existing buildings with a new 426,000 square foot multi-story building. The existing historic façade on the east Building will be removed and reinstalled on the new building to retain the architectural character of Capital Square.
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1309	Department of Mental Health, Mental Retardation, and Substance Abuse Services	Construct New Sexually Violent Predator Facility	5	Constructs a second facility for the treatment of civilly committed sexually violent offenders. The current facility has a capacity of only 300 and it is anticipated that it will be at capacity before the end of FY 2012. Includes both planning and construction costs.
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