



Capital Construction Update

January 2013

- State of the Pools
- Pool Process
- GC Pay
- Trends



State of the Pools Report 2008 Session, Chapter 1, Construction Pool, VPBA (aka; Group 2)

VPBA Construction Pool AT INCEPTION	NUMBER OF PROJECTS	AMOUNT
Original Number of Projects in Pool	15	
Original Amount In Pool		\$274,746,000
Removed From Pool	-1	(\$23,768,000) DBHDS - Repair/Replace Southeastern Virginia Training Center
Removed From Pool	-1	(\$7,000,000) DBHDS - Life Safety and Major Mechanical Repairs Umbrella (\$14,800,000 orig.)
Removed From Pool	-1	(\$7,950,000) WW - Repair Kitchen and Dining Hall
Revised Pool Total at Inception		\$236,028,000 → \$236,028,000
Final Number of projects in pool	12	



State of the Pools Report 2008 Session, Chapter 1, Construction Pool, VPBA (aka; Group 2)

PROGRESS TO DATE	NUMBER OF PROJECTS	WITHOUT POOL PROCESS COST REVIEW	WITH POOL PROCESS COST REVIEW	DELTA
Projects Reviewed and Funded at Preliminary:	9			
Net Pool Amount Approved		\$204,276,224	\$198,178,235	
Planning Fund Reimbursements		\$1,059,776	\$1,059,776 (c)	
Sub-Total		\$205,336,000	\$199,238,011 (a)	\$6,097,989
Rate of Savings (d)				3.0%

- a. Required Bond Sales Amount
- c. Planning fund reimbursement.
- d. Savings / Budget Development Numbers



State of the Pools Report 2008 Session, Chapter 1, Construction Pool, VPBA (aka; Group 2)

FORECAST TO-GO	NUMBER OF PROJECTS	WITHOUT POOL PROCESS COST REVIEW	WITH POOL PROCESS COST REVIEW	DELTA
Projects To Be Reviewed:	3	\$28,886,010	\$28,028,164 (b)	
Planning Fund Reimbursements		<u>\$455,990</u>	<u>\$455,990 (c)</u>	
Sub-Total		\$29,342,000	\$28,484,154 (a)	\$857,846
GRAND TOTAL		\$234,678,000	\$227,722,165 (a)	\$6,955,835
BALANCE		\$1,350,000	\$8,305,835	

a. Required Bond Sales Amount

b. Forecasted amount based on Budget Development Numbers (target amounts) of remaining projects x rate of savings of previously funded projects. This may change as the market shifts.

c. Planning fund reimbursement.



State of the Pools Report 2008 Session, Chapter 1, Construction Pool, VCBA (aka; Group 4)

VPBA Construction Pool AT INCEPTION	NUMBER OF PROJECTS	AMOUNT
Original Number of Projects in Pool	47	\$595,760,000
Projects Added or Removed From Pool:	0	0
Pool Total at Inception		\$595,760,000 → \$595,760,000



State of the Pools Report 2008 Session, Chapter 1, Construction Pool, VCBA (aka; Group 4)

PROGRESS TO DATE	NUMBER OF PROJECTS	WITHOUT POOL PROCESS COST REVIEW	WITH POOL PROCESS COST REVIEW	DELTA
Projects Reviewed and Funded at Preliminary:	46			
Net Pool Amount Approved		\$561,724,913	\$505,542,546	
Planning Fund Reimbursements		\$26,471,087	\$26,471,087 (c)	
Sub-Total		\$588,196,000	\$532,013,633 (a)	\$56,182,367
Rate of Savings (d)				9.6%

a. Required Bond Sales Amount

c. Planning fund reimbursement.

d. Savings / Budget Development Numbers

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State of the Pools Report 2008 Session, Chapter 1, Construction Pool, VCBA (aka; Group 4)

FORECAST TO GO	NUMBER OF PROJECTS	WITHOUT POOL PROCESS COST REVIEW	WITH POOL PROCESS COST REVIEW	DELTA
Projects To Be Reviewed:	1	\$8,352,400	\$7,554,609 (b)	
Planning Fund Reimbursements		\$362,600	\$362,600 (c)	
Sub-Total		\$8,715,000	\$7,917,209 (a)	\$797,791
GRAND TOTAL		\$596,911,000	\$539,930,842 (a)	\$56,980,158
BALANCE		(\$1,151,000)	\$55,829,158	

a. Required Bond Sales Amount

b. Forecasted amount based on Budget Development Numbers (target amounts) of remaining projects x rate of savings of previously funded projects. This may change as the market shifts.

c. Planning fund reimbursement.



State of the Pools Report 2011 Session, Chapter 890, Construction Pool

890 POOL AT INCEPTION	NUMBER OF PROJECTS	AMOUNT
Original Number of Projects in Pool	29	(Item C-85 lists 31 projects but only 29 contributed funds. 2 projects were added last minute)
Original Amount In Pool		\$1,087,588,000
Added To Pool	1	\$57,369,000 Construct Campus Library Addition, Phase I
Added To Pool	1	\$27,007,000 VCCS - Construct Workforce Training Center, Woodbridge Campus, Northern Virginia Community College
Total		\$84,376,000
Original Amount In Pool		\$1,087,588,000
Added Projects		\$84,376,000 (no funds added for added projects)
Pool Total at Inception		\$1,087,588,000
Final Number of projects in pool	31	



State of the Pools Report 2011 Session, Chapter 890, Construction Pool

PROGRESS TO DATE	NUMBER OF PROJECTS	WITHOUT POOL PROCESS COST REVIEW	WITH POOL PROCESS COST REVIEW	DELTA
Projects Reviewed and Funded at Preliminary:	29	\$1,027,305,150	\$937,130,536	
Planning Funds		<u>\$26,093,850</u>	<u>\$26,093,850 (c)</u>	
Sub-Total		\$1,053,399,000	\$963,224,386 (a)	\$90,174,614
Rate of Savings (d)				8.6%

a. Required bond sales amount.

c. Planning funds to reimburse Chapter 1.

d. Savings / Budget Development Numbers

2 of 3



State of the Pools Report 2011 Session, Chapter 890, Construction Pool

FORECAST TO GO	NUMBER OF PROJECTS	WITHOUT POOL PROCESS COST REVIEW	WITH POOL PROCESS COST REVIEW	DELTA
Projects To Be Reviewed:	2	\$107,200,000	\$97,983,588 (b)	
Planning Funds		<u>\$464,000</u>	<u>\$464,000 (c)</u>	
Sub-Total		\$107,664,000	\$98,447,588 (a)	\$9,216,412
GRAND TOTAL		\$1,161,063,000	\$1,061,671,974	\$99,391,026
BALANCE		(\$73,475,000)	\$25,916,026	

- a. Required bond sales amount.
b. Forecasted amount based on Budget Development Numbers (target amounts) of remaining projects x rate of savings of previously funded projects. This may change as the market shifts.
c. Planning funds to reimburse Chapter 1.



CHAPTER 3, C39.05 CAPITAL PROJECT DETAIL PLANNING POOL

AGCY #	AGCY	PROJECT #	PROJECT NAME	PB PROJECT AMT.	LATEST PROJECT AMT.	BCOM Confidence Level (0-10)	PLANNING CO-2 APPROVED BY DPB	CONSTRUCTION CO-2 APPROVED BY DPB
"100% GF Detailed Planning Pool" (C-39.05 A)								
203	WWRC	17976	Renovate Anderson Vocational Training Building Phase I			5	12/4/12	N
778	DFS	17978	Expand Western Forensic Laboratory & Office of the Chief Medical			4	11/6/12	N
146	SMV	17974	Upgrade Museum Exhibits & Special Events Space			2	In Process	N
194	DGS	17091	Renovation of 9th Street Office Building & Parking			2	12/13/12	N
199	DCR	17589	Complete Phase I Development, Powhatan State Park			2	2/19/09	2/14/11
203	WWRC	17975	Renovate Dining Hall and Activities Building Phase II			2	12/3/12	N
948	SWVHEC	17979	Construct Academic Building	→ TBD	→ TBD	0	N	N
Subtotal Group I				142,446,898	142,074,147			



CHAPTER 3, C39.05 CAPITAL PROJECT DETAIL PLANNING POOL

AGCY #	AGCY	PROJECT #	PROJECT NAME	PB PROJECT AMT.	LATEST PROJECT AMT.	BCOM Confidence Level (0-10)	PLANNING CO-2 APPROVED BY DPB	CONSTRUCTION CO-2 APPROVED BY DPB
"50% / 50% Detailed Planning Pool" (C-39.05 B)								
242	CNU	17872	Student Success Center			8	6/28/11	N
215	UMW	17983	Renovate Mercer and Woodard Halls			6	In Process	N
212	VSU	17511	Renovate Lockett Hall			5	12/11/12	N
213	NSU	17981	Renovate and Modify Brown Hall			5	11/12/12	N
217	RU	17984	Construct New Academic Building, Phase I & II			5	In Process	N
260	VCCS	17991	Renovate Anderson Hall, Virginia Western			3	In Process	N
268	VIMS	17993	Construct Consolidated Scientific Research Facility			3	11/7/12	N
212	VSU	17980	Erosion and Sediment Control Stormwater Master Plan/Retention Pond			2	12/1/12	N

Continued





CHAPTER 3, C39.05 CAPITAL PROJECT DETAIL PLANNING POOL

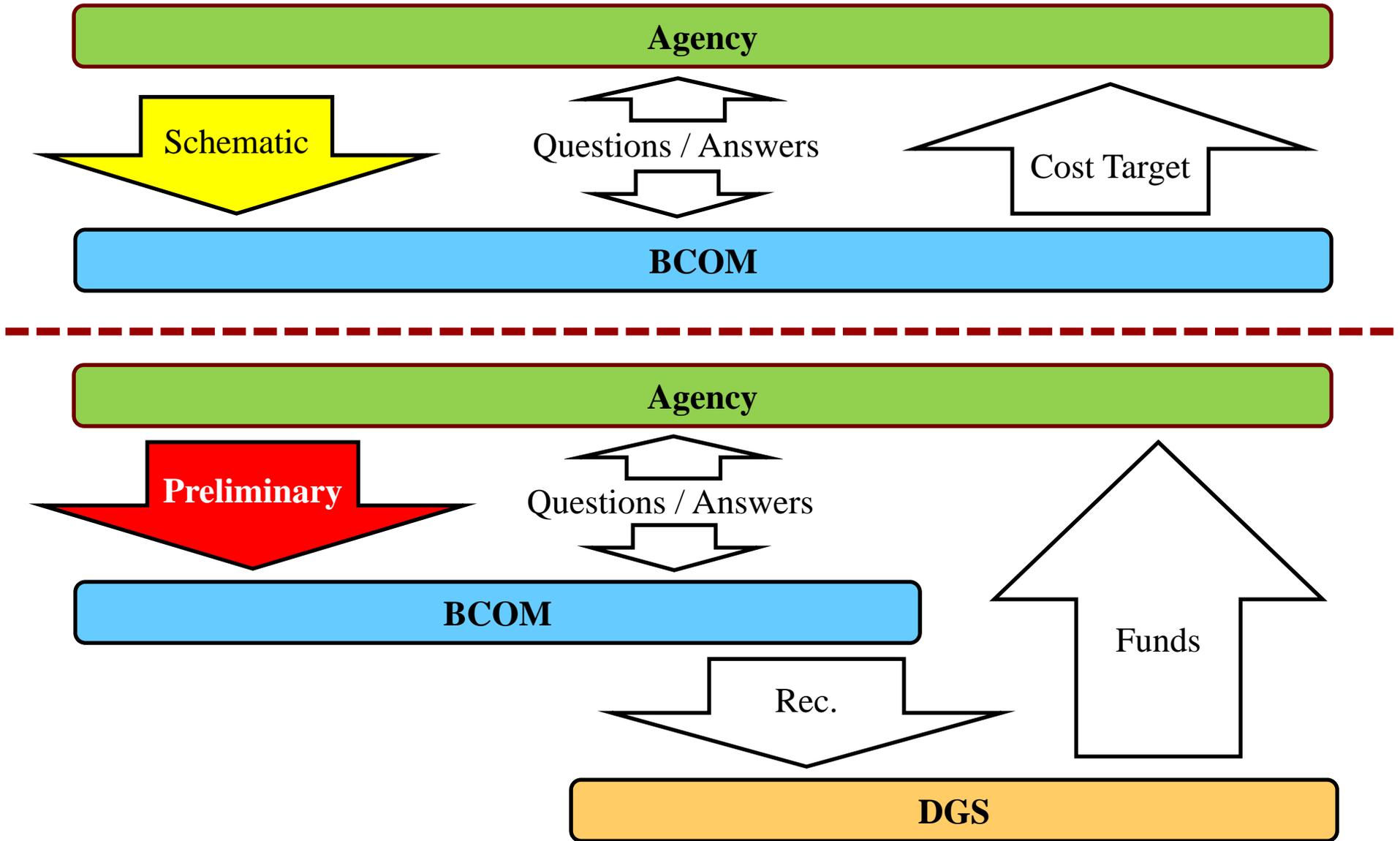
AGCY #	AGCY	PROJECT #	PROJECT NAME	PB PROJECT AMT.	LATEST PROJECT AMT.	BCOM Confidence Level (0-10)	PLANNING CO-2 APPROVED BY DPB	CONSTRUCTION CO-2 APPROVED BY DPB
"50% / 50% Detailed Planning Pool" (C-39.05 B) continued								
214	LU	17982	Construct Student Success Center			2	In Process	N
241	RBC	17985	Renovate Ernst Hall			2	11/12/12	N
260	VCCS	17986	Renovate Main Hall, Middletown Campus, Lord Fairfax			2	12/21/12	N
260	VCCS	17987	Construct New Classroom and Administration Building, Blue Ridge			2	12/21/12	N
260	VCCS	17988	Renovate Building B, Parham Road Campus, J. Sargeant Reynolds			2	12/16/12	N
260	VCCS	17989	Renovate Reynolds Academic Building, Loudon Campus, Northern Virginia			2	12/16/12	N
260	VCCS	17990	Renovate Bayside Building, Virginia Beach Campus, Tidewater			2	In Process	N
260	VCCS	17992	Construct Phase III Academic Building, Midlothian Campus, John Tyler			2	12/21/12	N
Subtotal Group II				283,683,620	330,225,215			



CHAPTER 3, C39.05 CAPITAL PROJECT DETAIL PLANNING POOL

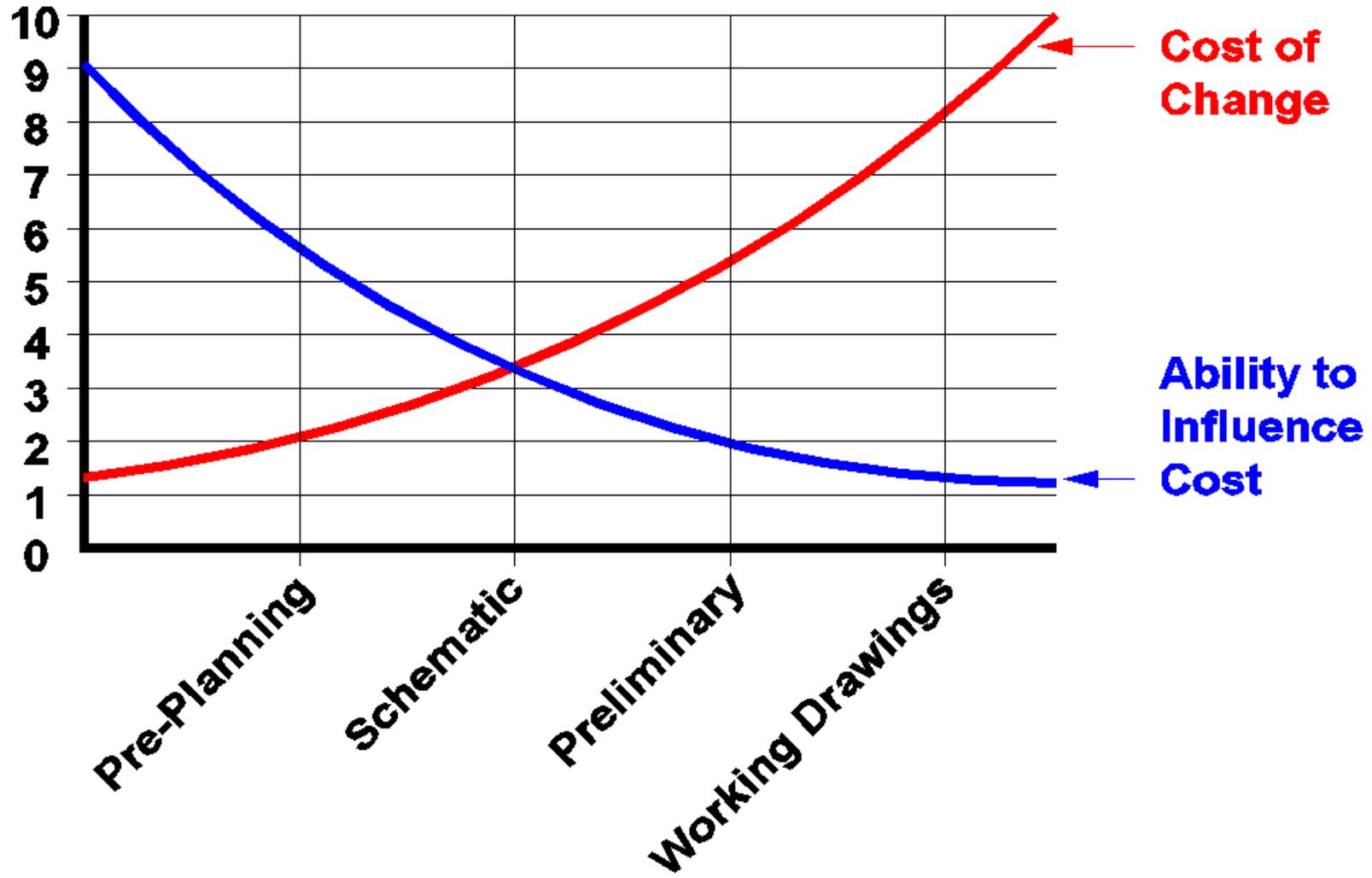
AGCY #	AGCY	PROJECT #	PROJECT NAME	PB PROJECT AMT.	LATEST PROJECT AMT.	BCOM Confidence Level (0-10)	PLANNING CO-2 APPROVED BY DPB	CONSTRUCTION CO-2 APPROVED BY DPB
"100% NGF Detailed Planning Pool" (C-39.05 C)								
211	VMI	17996	Construct Corps Physical Training Facilities - Phase I & II			9	In Process	N
247	GMU	17999	Construct Academic VII / Research III, Phase I			8	12/1/12	N
221	ODU	17875	New School of Education (17875)			7	1/5/12	N
204	CWM	17994	Renovate Tyler Hall			6	10/25/12	N
208	VT	17995	Construct Classroom Building			6	12/11/12	N
236	VCU	17998	Construct and Renovate Information Commons and Libraries			5	11/5/12	N
207	UVA	17915	Renovate the Rotunda			3	6/7/11 Roof Only	6/7/11 Roof Only
216	JMU	17997	Construct East Wing (1966 Addition) Hospital			3	12/12/12	N
247	GMU	18000	Construct Life Sciences Building, Pr. William			2	N	N
Subtotal Group III				405,522,356	473,780,720			
GRAND TOTAL				831,652,874	946,080,082			

Pool Project Funding Process





IMPORTANCE OF SCHEMATIC COST REVIEW





GC Pay

- Web Based Billing Process for Construction and Professional Services
- Cash flow projections
- Real-Time Reporting and Monitoring of the Funds Expended
- Progress of Construction
- SWAM Tracking





GC Pay Utilization

EXISTING POOLS (Chapters 1 & 890)	NUMBER OF PROJECTS IN POOL	NUMBER OF PROJECTS REVIEWED AND FUNDED FOR CONSTRUCTION	NUMBER OF FUNDED PROJECTS FOR CONSTRUCTION USING GCPay	NUMBER OF FUNDED PROJECTS NOT USING GCPay **
Total - Chapters 1 & 890	90	82	50	32

NEW POOLS: (Chapter 3) ***	NUMBER OF PROJECTS IN POOL	NUMBER OF PROJECTS REVIEWED AND FUNDED FOR CONSTRUCTION *	NUMBER OF FUNDED PROJECTS USING GCPay	NUMBER OF FUNDED PROJECTS USING GCPay
Total - Chapter 3	36	0	0	0

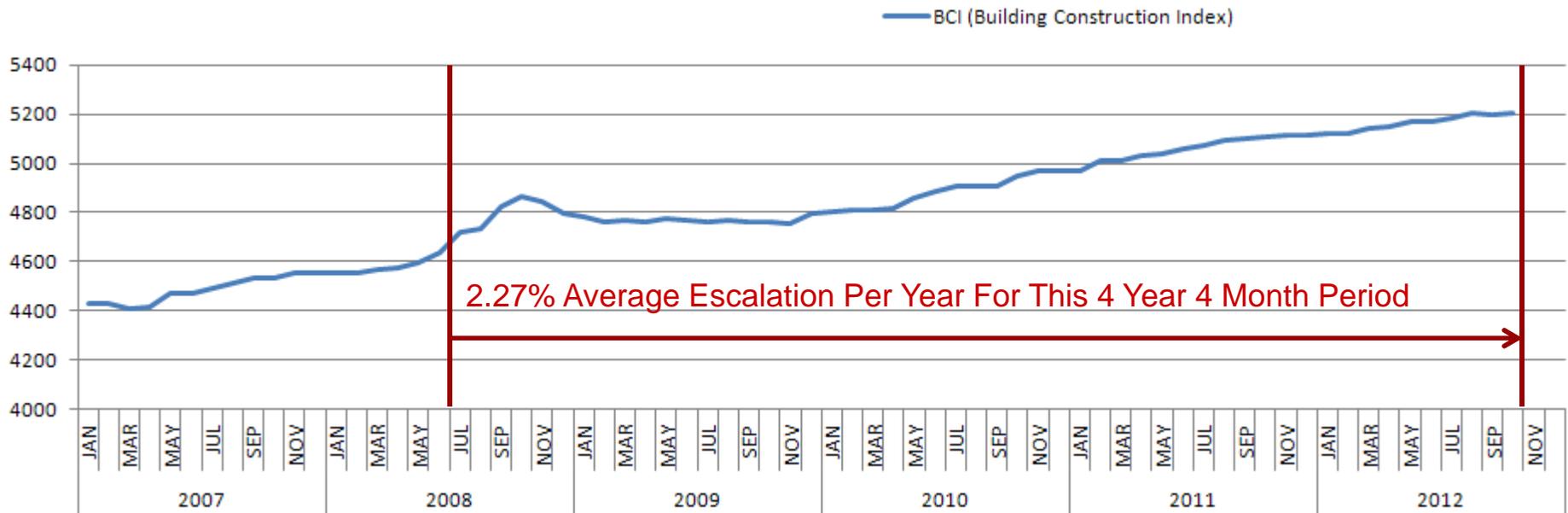
* Two Chapter 3 projects have been approved by DGS for construction and are awaiting funding.

** Exceptions have been granted for projects that were far along when GC Pay was rolled-out.

*** \$250,000 has been appropriated for the Virginia Commonwealth University Health System to plan for a replacement facility for the Virginia Treatment Center for Children.



National Construction Trend: Building Construction Index (BCI)

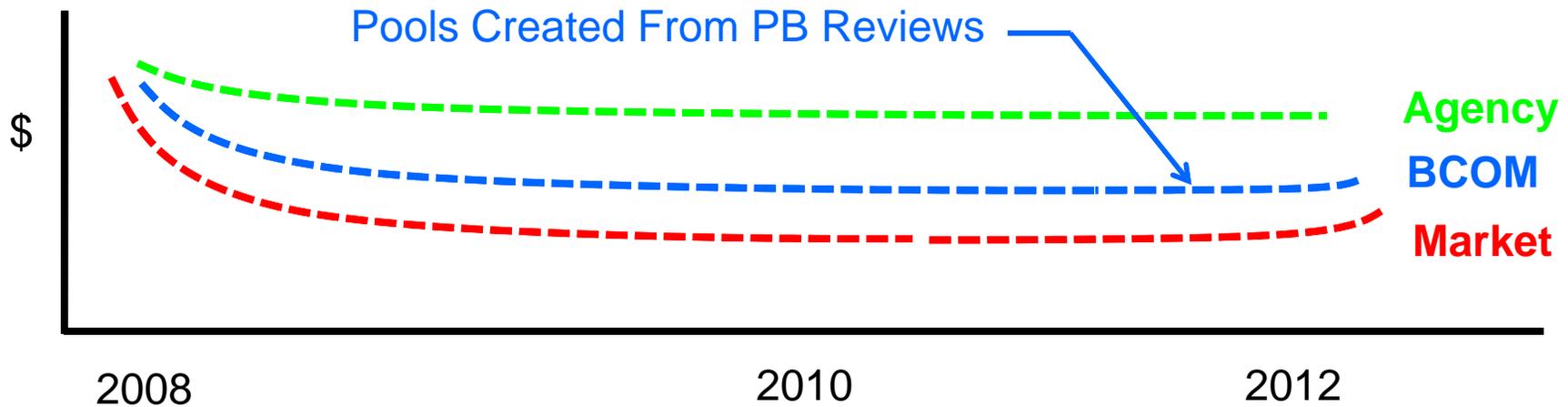


The BCI is a composite of skilled labor hours for various trades plus a fixed amount of common building materials spread over twenty cities.



Pool Formation:

Competition in Virginia
Remains High





Capital Project Update:

9th Street Office Building

- Detailed Planning Funded FY13
- Space Study, Aug 12 - Jan 13:
 - Swing Space for Supreme Court
 - Estimated Renovation Cost, \$70m
 - Future home for Agencies in Leased space



Capital Project Update:

General Assembly Building Assessment

- Independent Consultant Review Nov-Dec 2012
- Purpose: Assess Condition of Building Infrastructure and Systems
- Identified High and Moderate Risk Deficiencies:
 - Asbestos Fireproofing in West Section
 - Multiple Fire and Life Safety Code Issues
 - Air Handling Units
 - Windows in East Sections
 - Exterior Facade Components
 - Roofing Conditions
 - Electrical Distribution Network