



COMMONWEALTH of VIRGINIA

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September 16, 2015

Daniel Timberlake, Director
Virginia Department of Planning and Budget
1111 East Broad Street
Room 5040
Richmond, VA 23219-3418

Dear Director Timberlake,

Item 382, subsection 5 of the 2015 Virginia Acts of Assembly states "If the Board of Corrections approves a request, the Department of Corrections shall notify the Department of Planning and Budget by October 1 of the board's action and submit a summary of the project and a detailed list of the board-approved costs to the department."

Please find the attached summary of those jail projects approved by the Board of Corrections in 2015.

During calendar year 2015, the Board of Corrections approved jail projects that include one security control system upgrade, one revised jail expansion, one intake area renovation, one intake area renovation and addition, a new replacement kitchen/dining building, and a project to add emergency power along with upgrading the security control system. They are as follows:

Hampton Roads Regional Jail

Type - upgrade security control system
Approved cost - \$3,519,560
Reimbursement - up to 50% or \$1,759,780

Chesapeake City Jail (Revised)

Type - 192 bed expansion
Approved Cost - \$27,443,544
Reimbursement - up to 25% or \$6,860,886

Newport News Public Safety Building

Type - renovation of first floor intake area

Approved Cost - \$2,437,018

Reimbursement - up to 25% or \$609,255

Piedmont Regional Jail

Type - renovation and addition to intake area

Approved Cost - \$4,278,928

Reimbursement - up to 50% or \$2,139,464

Southampton Jail Farm

Type - new kitchen/dining building

Approved Cost - \$339,312

Reimbursement - up to 25% or \$84,828

Martinsville City Jail

Type - emergency power addition and security control system upgrade


Approved Cost - \$289,598

Reimbursement - up to 25% or \$72,400

Total Reimbursement

The total approved reimbursement of all six projects would be up to \$11,526,613.

Sincerely,



Harold W. Clarke

HWC/REC

Attachment

cc: Donna Lawrence

Bob Casey

File

Board of Corrections
Summary of Approved Projects
2015

Prepared by
The Local Facilities Unit
Department of Corrections

Summary

Six projects have been approved by the Board of Corrections during 2015. They are as follows:

1. An upgrade of the security control system at the Hampton Roads Regional Jail. The approved cost is \$3,519,560, of which up to 50% or \$1,759,780 would be eligible for reimbursement.
2. A revised expansion of the Chesapeake City Jail to include additional offices, search areas, showers, lockers, connecting corridor, loading dock, and a 10,000 square foot maintenance building. The revised approved cost of \$27,443,544, of which 25% or \$6,860,886 would be eligible for state reimbursement. (A 192 bed expansion was originally approved by the Board of Corrections in 2013 with an approved cost of \$20,522,691).
3. A renovation of the existing first floor intake area at the Newport News Public Safety Building. The approved cost is \$2,437,018, of which 25% or \$609,255 would be eligible for state reimbursement.
4. A renovation and addition to the intake area at the Piedmont Regional Jail. The approved cost is \$4,278,928, of which up to 50% or \$2,139,464 would be eligible for reimbursement.
5. A new kitchen/dining building at the Southampton Jail Farm. The approved cost is \$339,312, of which up to 25% or \$84,828 would be eligible for reimbursement.
6. The addition of emergency power and upgrade of the security control system at the Martinsville City Jail. The approved cost is \$289,598, of which up to 25% or \$72,400 would be eligible for reimbursement.

Total approved cost of the projects is \$38,307,960 of which \$11,526,613 is the eligible reimbursement cost to the Commonwealth.

2015 Board Approved Projects

1. Hampton Roads Regional Jail Security Control System Upgrade

- The existing facility was completed in 1998. With technology advancements, the original security electronics are outdated, not functioning well and breaking down. The original security electronics subcontractor to service this detention equipment cannot be found.
- This project consists of upgrading the integrated security control system to include replacement of all door locking, intercom and video systems. Some of the existing devices will remain functional. Cameras will be replaced with upgraded units. Cameras will be added to Housing Unit 1 and in all blind locations to comply with PREA and NCCHC standards. All of the intercoms will be rewired and replaced with new intercoms compatible with digital technology.
- The existing system utilizing graphic control panels will be removed and upgraded to touchscreen control stations.
- Staffing levels, life cycle and operation costs are not affected by this project. Staffing analysis was not required for this project since there is no increase in bed space.

The Board of Corrections, at its May, 2015 meeting, granted a modification of the Standard 6VAC15-80-211, Minor Renovation Project, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow Hampton Roads Regional Jail Authority to proceed with its renovation by submitting this project as a Minor Renovation Project (MRP).

The Board of Corrections, at its May, 2015 meeting, granted a waiver of the Standard 6VAC15-80-160, Value Management Analysis, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow Hampton Roads Regional Jail Authority to proceed with its renovation without performing a Value Management Analysis (VMA).

A Community Based Corrections Plan is not required because the project does not increase inmate population or bed space.

The portion of the project's cost being requested as eligible for State reimbursement has been reviewed, and if approved, the eligible project cost of \$3,519,560, of which up to 50% or \$1,759,780 would be reimbursable. (See attached Cost Analysis).

HAMPTON ROADS REGIONAL JAIL SECURITY CONTROL SYSTEM UPGRADE COST ANALYSIS

5/1/2015
REC

VADOC Formula for new construction does not apply to renovation projects such as this.

PLANNING STUDY PROJECT ESTIMATE (Exclusive of Bonds or Financing)	LOCALITY REQUESTED COST	VADOC ELIGIBLE COST
<u>PART I - NEW CONSTRUCTION</u>		
BUILDING COST	N/A	N/A
NEW CONSTRUCTION COST SUBTOTAL:		
<u>PART II - PROJECT CONSTRUCTION COSTS</u>		
SECURITY ELECTRONICS UPGRADE	<u>3,154,000</u>	<u>3,154,000</u>
PROJECT CONSTRUCTION COSTS SUBTOTAL:	3,154,000	3,154,000
<u>PART III - OTHER PROJECT COSTS</u>		
A/E FEES RENOVATION	211,560	211,560
ON SITE CONSTRUCTION ADMINISTRATION	84,000	84,000
CBCP/PLANNING STUDY	16,500	16,500
VALUE MANAGEMENT ANALYSIS	0	0
FIXTURES, FURNISHINGS & EQUIPMENT	<u>53,500</u>	<u>53,500</u>
OTHER COSTS SUBTOTAL:	365,560	365,560
TOTAL PROJECT COST:	3,519,560	3,519,560

Eligible cost per bed based on 798 beds is \$ 4,410

Funding for reimbursement is suggested in the amount of 1,759,780 which is 50% of 3,519,560

2. Chesapeake City Jail Expansion (Revised)

- The original Planning Study approved by the Board of Corrections in their August, 2013 meeting, proposed the construction of a separate single story, two-level building on property adjacent to the existing facility. This building would house 192 minimum security inmates for the Chesapeake City Jail.
- This revision adds offices, search areas, showers, lockers, connecting corridor, loading dock, and a 10,000 square foot maintenance building.
- Accommodations for intake will be in the existing facility. The property on which the expansion is to be built is the current outdoor recreation area utilized by the Chesapeake Juvenile Detention Home so relocation of the recreation area and maintenance building for the juvenile facility is a part of the project.
- The Community Based Corrections Plan supporting the need for the 192 bed expansion was approved by the Board of Corrections in their July, 2013 meeting.
- A staffing analysis was provided with the previous submission by the Local Facilities Unit based on the project's schematic design and planned operating program showing that staffing meets required criteria. This revision does not change staffing.
- The project will undergo a Value Engineering Study at the end of the design development stage of planning to further address cost and design efficiency.
- Upon completion of this expansion, the Chesapeake City Jail has indicated that it will discontinue the use of the temporary facilities previously erected by Proteus on their jail site.
- The locality will provide the Board with further information on the items not usually included in most jail reimbursement requests.

The portion of the project's cost being requested as eligible for State reimbursement has been reviewed, and if approved, the eligible project cost of \$27,443,544, of which up to 25% or \$6,860,886 would be reimbursable. (See attached Cost Analysis).

CHESAPEAKE CITY JAIL EXPANSION - REVISED COST ANALYSIS

5/1/2015

BY: REC

VADOC PART I FORMULA

MEANS COSTS (2015 SF Cost Data)		288.75 PER SF
MARSHALL & SWIFT MULTIPLIER (Chesapeake)	x	0.95%
MEDIAN COST PER SQ FT	=	289 PER SF
INFLATION (3.5% Jan 2015 to Jan 2017 - 25 Months)		32 PER SF
INFLATED MEDIAN COST PER SQ FT		321 PER SF
192 INMATES @ 200 SQ FT	=	38,400 SF
MEDIAN JAIL CONSTRUCTION COST	=	12,326,400

PLANNING STUDY PROJECT ESTIMATE (Exclusive of Bonds or Financing)	2013 LOCALITY REQUESTED COST	2013 VADOC ELIGIBLE COST	2015 LOCALITY REQUESTED COST	2015 VADOC ELIGIBLE COST
<u>PART I - PROJECT CONSTRUCTION COSTS</u>				
BUILDING CONSTRUCTION COST	12,629,158	12,436,992	12,049,538	12,049,538
SITework	<u>1,369,339</u>	<u>1,369,339</u>	<u>2,364,600</u>	<u>2,364,600</u>
PROJECT CONSTRUCTION COSTS SUBTOTAL:	13,998,497	13,806,331	14,414,138	14,414,138
<u>PART II - PROJECT SPECIFIC COSTS</u>				
OFF, SEARCH, SHOWERS, LOCKERS, CONNECTOR, LOAD DOCK			3,012,360	3,012,360
PERIMETER SECURITY FENCE	254,735	254,735	152,046	152,046
COVERED WALK TO EXISTING JAIL	814,059	814,059	412,946	412,946
JUVENILE MAINTENANCE BUILDING	98,748	98,748	0	0
WORK RELEASE - MAINTENANCE BUILDING			1,538,336	1,538,336
JUVENILE ACCESS & RECREATION LOCATION	582,337	582,337	499,032	499,032
RELOCATE PARK ROAD & Parking	251,713	251,713	516,115	516,115
PILES, PILE CAPS, CONCRETE GRADE BEAMS	<u>923,300</u>	<u>923,300</u>	<u>1,326,756</u>	<u>1,326,756</u>
PROJECT SPECIFIC COSTS SUBTOTAL:	2,924,892	2,924,892	7,457,591	7,457,591
<u>PART III - OTHER PROJECT COSTS</u>				
A/E FEES	1,269,254	1,269,254	1,500,000	1,500,000
CIVIL FEE			310,000	310,000
ADDITIONAL ENGINEERING	44,068	44,068	47,653	47,653
CBCP/PLANNING STUDY (2012)	447,857	151,000	447,857	151,000
2015 AMENDED PLANNING STUDY			111,000	111,000
2015 ACTION PLAN			218,176	0
VALUE MANAGEMENT ANALYSIS	70,000	70,000	70,000	70,000
ENHANCED CA/SITE CM			600,000	600,000
FIXTURES, FURNISHINGS & EQUIPMENT	606,000	60,606	600,000	60,000
COMMUNICATIONS/DATA EQUIPMENT	50,000	50,000	70,000	70,000
TEST BORINGS/TESTING/SPECIAL INSPECTIONS	150,000	150,000	150,000	150,000
SURVEY, TOPO, ENVIRON. & UTILITY LOCATOR	90,000	90,000	90,000	90,000
PRINTING & REPRODUCTION	50,000	50,000	50,000	50,000
PERMITS/FEES & CONNECTION CHARGES	<u>450,000</u>	<u>450,000</u>	<u>450,000</u>	<u>450,000</u>
OTHER COSTS SUBTOTAL	3,227,179	2,384,922	4,714,686	3,659,653
CONTINGENCY (8%)	1,612,332	1,406,546	1,912,162	1,912,162
TOTAL PROJECT COST:	21,762,900	20,522,691	28,498,577	27,443,544
PER BED PROJECT COST @ 192 BEDS	113,348	106,889	\$148,430	\$142,935

Funding for reimbursement is suggested in the amount of 6,860,886 which is 25% of 27,443,544

3. Newport News Public Safety Building First Floor Renovation

- The existing 7-story facility opened in 1974. It was designed prior to the Jail Standards being very specific in the amount of space required for ancillary areas. The intake area as currently constructed is inadequate to handle the current population associated with this facility.
- This project involves approximately 4,157 square feet of renovation and upgrades to the First Floor.
- The existing magistrate area will be relocated to another building location off-site. This will open-up approximately 1,215 square feet of renovation/expansion space noted above.
- The new work will include administrative office areas, a vehicle sallyport, booking areas for finger printing, breathalyzer, medical office, video magistrate hearing rooms, photographing, out processing, record storage and search/shower and property area, holding cells and public waiting lobby area and storage.
- Staffing levels, life cycle and operation costs are not affected by this project. Staffing analysis was not required for this project since there is no increase in bed space.

The Board of Corrections, at its May meeting, granted a modification of the Standard 6VAC15-80-211, Minor Renovation Project, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the City of Newport News to proceed with its renovation by submitting this project as a Minor Renovation Project (MRP).

The Board of Corrections, at its May 2015 meeting, granted a waiver of the Standard 6VAC15-80-160, Value Management Analysis, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the City of Newport News to proceed with its renovation without performing a Value Management Analysis (VMA).

A Community Based Corrections Plan is not required because the project does not increase inmate population or bed space.

The portion of the project's cost being requested as eligible for State reimbursement has been reviewed, and if approved, the eligible project cost of \$2,437,018, of which up to 25% or \$609,255 would be reimbursable. (See attached Cost Analysis).

NEWPORT NEWS PUBLIC SAFETY BUILDING 1st FLOOR RENOVATION COST ANALYSIS

5/1/2015
REC

VADOC Formula for new construction does not apply to renovation projects such as this.

PLANNING STUDY PROJECT ESTIMATE (Exclusive of Bonds or Financing)	LOCALITY REQUESTED COST	VADOC ELIGIBLE COST
<u>PART I - NEW CONSTRUCTION</u>		
BUILDING COST	N/A	N/A
NEW CONSTRUCTION COST SUBTOTAL:		
<u>PART II - PROJECT CONSTRUCTION COSTS</u>		
BUILDING RENOVATION COST	1,679,600	1,679,600
NEW SALLYPORT SITEWORK	233,600	233,600
SIDEWALK REPLACEMENT	<u>7,000</u>	<u>7,000</u>
PROJECT CONSTRUCTION COSTS SUBTOTAL:	1,920,200	1,920,200
<u>PART III - OTHER PROJECT COSTS</u>		
A/E FEES RENOVATION/PLANNING STUDY	130,055	130,055
BID AND CONSTRUCTION PHASE SERVICES	16,176	16,176
RECORD DRAWINGS	16,800	16,800
VALUE MANAGEMENT ANALYSIS	0	0
FIXTURES, FURNISHINGS & EQUIPMENT	160,152	16,015
COMMUNICATIONS/DATA EQUIPMENT	217,542	217,542
TESTING/SPECIAL INSPECTIONS	6,535	6,535
PRINTING, REPRODUCTION & ADVERTISING	1,500	1,500
PERMITS, FEES & CONNECTION CHARGES	<u>3,265</u>	<u>3,265</u>
OTHER COSTS SUBTOTAL:	552,025	407,888
CONTINGENCY (5%)	116,136	108,930
TOTAL PROJECT COST:	2,588,361	2,437,018

Eligible cost per bed based on 300 beds is \$ 8,123

Funding for reimbursement is suggested in the amount 609,255 which is 25% of 2,437,018

4. Piedmont Regional Jail Intake Area Expansion and Renovation

- The existing facility was completed in 1988 as a 103-bed facility. It was designed prior to the Jail Standards being very specific in the amount of space required for ancillary areas. Since its construction, additional housing has been added bringing it up to its current capacity of 181. The intake area as currently constructed is inadequate to handle the current population associated with this facility. Because of this, the Facility is adding a booking/intake area and additional food storage to compensate for current inadequate space.
- This project is a 5,210 square foot, one-story expansion of an existing pre-engineered metal building. Interior partitions will be constructed of eight inch thick concrete masonry or modular steel cell construction. The new work will include the addition of a new booking/intake area that contains ten (10) single holding cells, a new single detox cell and single group holding cell. It will also include new storage areas to include refrigerated, frozen and dry food storage, clothing and property storage and a new loading dock.
- Staffing levels, life cycle and operation costs are not affected by this project. Staffing analysis was not required for this project since there is no increase in bed space.

The Board of Corrections, at its July meeting, granted a modification of the Standard 6VAC15-80-211, Minor Renovation Project, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the Piedmont Regional Jail Board to proceed with its renovation by submitting this project as a Minor Renovation Project (MRP).

The Board of Corrections, at its July meeting, granted a waiver of the Standard 6VAC15-80-160, Value Management Analysis, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the Piedmont Regional Jail Board to proceed with its renovation without performing a Value Management Analysis (VMA).

A Community Based Corrections Plan is not required because the project does not increase inmate population or bed space.

The portion of the project's cost being requested as eligible for State reimbursement has been reviewed, and if approved, the eligible project cost of \$4,278,928, of which up to 50% or \$2,139,464 would be reimbursable. (See attached Cost Analysis).

**PIEDMONT REGIONAL JAIL RENOVATION
COST ANALYSIS**

6/26/2015
REC

VADOC PART I - FORMULA DATA

MEANS COSTS (2015 SF Cost Data)	493.65
MARSHALL & SWIFT MULTIPLIER (Lynchburg) x .91	449.22
INFLATION to MID POINT CONSTRUCTION (3.5%)	479.77
TOTAL PROJECT SQ FT	5,210
MEDIAN CONSTRUCTION COST:	2,499,602

PLANNING STUDY PROJECT ESTIMATE (Exclusive of Bonds or Financing)	LOCALITY REQUESTED COST	VADOC ELIGIBLE COST
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PART I - NEW CONSTRUCTION

BUILDING COST	2,499,602	2,499,602
SITework (3 ACRES @ \$200,000/ACRE)	<u>600,000</u>	<u>600,000</u>
NEW CONSTRUCTION COST SUBTOTAL:	3,099,602	3,099,602

PART II - PROJECT CONSTRUCTION COSTS

BUILDING RENOVATION COST	122,100	122,100
SANITARY FORCE MAIN	50,000	50,000
RELOCATION OF UTILITY POLES BY DOMINION	200,000	200,000
RELOCATION OF SPRINT COMMUNICATIONS SERVICE	<u>10,000</u>	<u>10,000</u>
PROJECT CONSTRUCTION COSTS SUBTOTAL:	382,100	382,100

PART III - OTHER PROJECT COSTS

A/E FEES RENOVATION	348,170	348,170
CBCP/PLANNING STUDY	69,000	69,000
VALUE MANAGEMENT ANALYSIS	0	0
FIXTURES, FURNISHINGS & EQUIPMENT	30,000	24,000
COMMUNICATIONS/DATA EQUIPMENT	30,000	30,000
TESTING/SPECIAL INSPECTIONS	15,000	15,000
SURVEY, TOPO, ENVIRONMENTAL & UTILITY LOCATOR	15,000	15,000
PRINTING, REPRODUCTION & ADVERTISING	5,000	5,000
PERMITS, FEES & CONNECTION CHARGES	<u>5,000</u>	<u>5,000</u>
OTHER COSTS SUBTOTAL:	517,170	511,170

CONTINGENCY (8%)	286,536	286,056
(Total cost less A/E fees and Planning Study)		
TOTAL PROJECT COST:	4,285,408	4,278,928

Eligible cost per bed based on 181 beds is \$23,640

Funding for reimbursement is suggested in the amount of \$2,139,464 which is 50% of \$4,278,928

5. Southampton Jail Farm New Kitchen/Dining Building

- The existing Kitchen/Dining Building is a part of the old Capron Correctional Unit #20 which dates back to around 1962, and was recently declared surplus property by the Department of Corrections. The Southampton County Sheriff's Office assumed the property to be utilized as a local inmate work release jail. The Kitchen/Dining Building has seen extensive repairs and maintenance over many years. The building has deteriorated to the point that maintaining it is no longer practical or cost efficient.
- The new building will be 80' long by 30' wide by 12' high, approximately 2,400 square feet in area. It will include a new kitchen with pantry, built-in kitchen food preparation equipment, walk-in refrigerator and freezer storage, and a 1,290 square foot dining area. The building will be a pre-engineered metal building with metal side walls and roof. This type of construction is acceptable as this is a work release facility and the building will be an Assembly, A-2 Use Group.
- Staffing levels, life cycle and operation costs are not affected by this project. Staffing analysis was not required for this project since there is no increase in bed space.

The Board of Corrections, at its September meeting, granted a modification of the Standard 6VAC15-80-211, Minor Renovation Project, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the County of Southampton to proceed with its renovation by submitting this project as a Minor Renovation Project (MRP).

The Board of Corrections, at its September meeting, granted a waiver of the Standard 6VAC15-80-160, Value Management Analysis, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the County of Southampton to proceed with its renovation without performing a Value Management Analysis (VMA).

A Community Based Corrections Plan is not required because the project does not increase inmate population or bed space.

The portion of the project's cost being requested as eligible for State reimbursement has been reviewed, and if approved, the eligible project cost of \$339,312, of which up to 25% or \$84,828 would be reimbursable. (See attached Cost Analysis).

**SOUTHAMPTON COUNTY JAIL FARM KITCHEN/DINING BUILDING
COST ANALYSIS**

9/1/2015
REC

VADOC PART I - FORMULA DATA

RS MEANS COST DATA (2015)	244.95
MARSHALL & SWIFT MULTIPLIER (Petersburg) x .92	225.35
INFLATION to MID POINT CONSTRUCTION (2%)	227.61
TOTAL PROJECT SQ FT	2,400
MEDIAN CONSTRUCTION COST:	546,264

PLANNING STUDY PROJECT ESTIMATE (Exclusive of Bonds or Financing)	LOCALITY REQUESTED COST	VADOC ELIGIBLE COST
<u>PART I - NEW CONSTRUCTION</u>		
BUILDING COST	183,500	183,500
SITework	<u>12,250</u>	<u>12,250</u>
NEW CONSTRUCTION COST SUBTOTAL:	195,750	195,750
<u>PART II - PROJECT CONSTRUCTION COSTS</u>		
RELOCATION OF UTILITY POLES	2,750	2,750
SEPTIC INSTALLATION	<u>9,250</u>	<u>9,250</u>
PROJECT CONSTRUCTION COSTS SUBTOTAL:	12,000	12,000
<u>PART III - OTHER PROJECT COSTS</u>		
A/E FEES RENOVATION	16,400	16,400
VALUE MANAGEMENT ANALYSIS	0	0
FIXTURES, FURNISHINGS & EQUIPMENT	82,243	82,243
TESTING/SPECIAL INSPECTIONS	2,500	2,500
SURVEY, TOPO, ENVIRONMENTAL & UTILITY LOCATOR	2,500	2,500
PRINTING, REPRODUCTION & ADVERTISING	1,500	1,500
PERMITS, FEES & CONNECTION CHARGES	<u>2,500</u>	<u>2,500</u>
OTHER COSTS SUBTOTAL:	107,643	107,643
CONTINGENCY (8%)	23,919	23,919
(Total cost less A/E fees)		
TOTAL PROJECT COST:	339,312	339,312

Eligible cost per bed based on 90 beds is \$3,770

Funding for reimbursement is suggested in the amount of \$84,828 which is 25% of \$339,312

6. Martinsville City Jail

Addition of Emergency Power and Security Control System Upgrade

- The City Jail was constructed in 1968 without emergency power. Electrical service is required for 95% of the detention and secure exit doors, refrigerated medications, refrigerated and frozen food storage and meal preparation.
- There are three separate electrical services entering the facilities making the electrical demand too great to connect to the City's existing emergency power system. The original jail building is powered by a single phase electrical service, while a booking/intake area and Building 2, dating back to 1997, are both powered by a three phase electrical service. In addition, the Jail Annex, originally the City Farm was constructed in the 1940's.
- This project consists of adding a 36 KW generator at the old jail building to include a dry transformer, automatic transfer switch and all new electrical equipment as required to support the generator. A 125 KW generator will be added to the newer jail building along with a dry transformer, automatic transfer switch and all new electrical equipment as required to support the generator.
- A new gas line will also be installed to supply the generators.
- With technology advancements, the original security electronics are outdated making it cost prohibitive to repair some of the existing equipment, while additional cameras and intercoms are needed. This project also consists of upgrading the security system to include door locks, intercom system, cameras, monitoring system and video controls.
- Staffing levels, life cycle and operation costs are not affected by this project. Staffing analysis was not required for this project since there is no increase in bed space.

The Board of Corrections, at its September meeting, granted a modification of the Standard 6VAC15-80-211, Minor Renovation Project, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the City of Martinsville to proceed with its renovation by submitting this project as a Minor Renovation Project (MRP).

The Board of Corrections, at its September meeting, granted a waiver of the Standard 6VAC15-80-160, Value Management Analysis, of the Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, 1994, to allow the City of Martinsville to proceed with its renovation without performing a Value Management Analysis (VMA).

A Community Based Corrections Plan is not required because the project does not increase inmate population or bed space.

The portion of the project's cost being requested as eligible for State reimbursement has been reviewed, and if approved, the eligible project cost of \$289,598, of which up to 25% or \$72,400 would be reimbursable. (See attached Cost Analysis).

**MARTINSVILLE CITY JAIL ADDITION OF EMERGENCY POWER
AND SECURITY CONTROL SYSTEM UPGRADE
COST ANALYSIS**

5/1/2015
REC

VADOC Formula for new construction does not apply to renovation projects such as this.

PLANNING STUDY PROJECT ESTIMATE (Exclusive of Bonds or Financing)	LOCALITY REQUESTED <u>COST</u>	VADOC ELIGIBLE <u>COST</u>
 <u>PART I - NEW CONSTRUCTION</u>		
BUILDING COST	N/A	N/A
NEW CONSTRUCTION COST SUBTOTAL:		
 <u>PART II - PROJECT CONSTRUCTION COSTS</u>		
EMERGENCY POWER ADDITION	102,353	102,353
INSTALL GAS LINE	2,245	2,245
SECURITY CONTROL SYSTEM UPGRADE	<u>150,000</u>	<u>150,000</u>
PROJECT CONSTRUCTION COSTS SUBTOTAL:	254,598	216,421
 <u>PART III - OTHER PROJECT COSTS</u>		
CBCP/PLANNING STUDY	35,000	35,000
VALUE MANAGEMENT ANALYSIS	0	0
OTHER COSTS SUBTOTAL:		
 TOTAL PROJECT COST:	 289,598	 289,598

Eligible cost per bed based on 79 beds is \$3,666

Funding for reimbursement is suggested in the amount of \$72,400 which is 25% of \$289,598