

APPENDIX G

COMPARABLE FACILITIES

COPPIN STATE UNIVERSITY PUBLIC SAFETY FACILITY: COMPARABLE FACILITIES ANALYSIS

Summary

The purpose of this document is to compare costs of similar facilities across the country. The following document highlights numerous state-of-the-art projects with similarities in programming to the proposed Coppin State Public Safety Facility. A list of twelve buildings and four firing ranges was compiled with supporting data including square footage, year constructed, and cost. These values are used to present a holistic picture of the cost of each facility and how they compare to the proposed Coppin State Public Safety Facility.

In order to compare building costs¹, several steps were taken to make sure costs could be used. The first of these steps was to escalate the building cost to Fiscal Year 2024. A conservative 5% escalation rate was used in these calculations, which continues the escalation trends prior to the pandemic. Once the building prices were escalated, this new value was adjusted to reflect the cost of construction by region. Construction costs can greatly vary across the country due to factors such as material availability and labor availability and rates. In order to adjust these values to the Baltimore Region, a formula was used with Regional Historical Cost Index Data provided by RS Means. The formula is as follows:

$$\frac{\text{Index Baltimore (Construction Year)}}{\text{Index Region (Construction Year)}} \times \text{Escalated Construction Cost} = \text{Escalated Construction Cost in Baltimore}$$

It is assumed that the fees for the comparable facilities indicated throughout the documents represent the project's hard costs, and are exclusive of soft costs, including items such as design fees, utilities, FF&E, site acquisition, etc. Therefore, when referencing the cost estimate in Appendix D.1 of the Coppin State PSF Preliminary Design Report, the costs on page 5 should be used for each site (\$296,333,519 for Site 1 and \$281,151,818 for Site 2) in lieu of the total hard and soft cost numbers indicated on page 6.

¹ Disclaimer: While various factors have been compiled, it is almost impossible to guarantee the breakdown of each cost and what these values represent. Costs are assumed for the purpose of this document to be the total building cost; however, the breakdown of cost is not known. Projects may feature building and site components that may or may not have been tracked in the values identified for the use of this document, such as site acquisition, site work, FF&E, and other soft costs. This document serves as a resource to evaluate costs that MW Studios was able to identify from publicly available resources.

PUBLIC SAFETY TRAINING COMPLEXES





New York City Police Academy²

Completion Date: 2014
Architect: Perkins&Will
Size: 730,000 SF
Cost³: \$950,000,000
Adjusted Cost/SF (FY 2024): \$1,295
Sustainability: LEED Gold

Summary

The NYPD is comprised of 50,000 members and this building was designed to become a centralized training campus for all of them. This new Police Academy building replaced the existing disjointed training buildings and brought together all members under one roof.

Building Features

- 800-person Auditorium
- Classrooms
- Offices
- Cafeteria
- Library
- Gymnasium and Indoor Track
- Tactical Village and Mock Environments
- Swimming Pool

² <https://perkinswill.com/project/new-york-city-police-academy/>
<https://siny.org/project/new-york-city-police-academy/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Chicago Joint Public Safety Training Center⁴

Completion Date: Under Construction
Architect: AECOM
Size: 198,950
Cost³: \$170,000,000
Adjusted Cost/SF (FY 2024): \$809
Sustainability: Certification in Progress

Summary

The new training center campus brings the Chicago Police Department and Chicago Fire Department together into one centralized campus. The goals of the facility are to transform the way both Departments are trained and better prepare them to serve the community as well as strengthen community bonds and increase public safety.

Building Features

- Community Spaces
- Computer Labs
- Classrooms
- Offices
- Indoor and Outdoor Scenario Training
- Indoor Shooting Range
- Vehicle Training
- Burn Buildings and Props

⁴ <https://publications.aecom.com/social-infrastructure/projects/joint-public-safety-training-campus>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Tactical Response Center, Philadelphia Police Academy⁵

Completion Date: 2014
Architect: JacobsWyper
Size: 30,700 SF
Cost³: \$11,200,000
Adjusted Cost/SF (FY 2024): \$480
Sustainability: LEED Gold

Summary

The Tactical Response Center sits in close proximity to the Philadelphia Police Training Center and serves as the home for SWAT, bomb disposal, and K-9 operations training for the city of Philadelphia and the surrounding region. The combined center allows for units trained here to have increased coordination and increased standards of response and tactical training.

Building Features

- Classrooms
- Briefing Rooms
- Fitness Facilities/Locker Rooms
- Offices
- Vehicle Garage
- Kennels and Kennel Support

⁵ <https://www.jacobswyper.com/projects/regional-tactical-training-facility>

<https://www.hrcg.com/my-product/philadelphia-police-department-regional-tactical-training-facility/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Philadelphia Police Training Center⁶

Completion Date: 2015
Architect: ENV
Size: 80,000 SF
Cost³: \$18,000,000
Adjusted Cost/SF (FY 2024): \$281
Sustainability: LEED Silver

Summary

The Philadelphia Police Training Center is a renovated structure for use by the Philadelphia Police Department. This new facility brings together the Department under one roof for the training of recruits and veterans as well as triples the staffing capacity of their previous facility.

Building Features

- Large Meeting Room
- Classrooms
- Offices
- Fitness Space and Locker Rooms
- Vehicle Training

⁶<https://www.hrcg.com/my-product/philadelphia-police-new-training-center-2838-woodhaven-road/>
<https://archinect.com/people/project/150144384/philadelphia-police-training-center/150144531>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



City of Aurora Public Safety Training Center⁷

Completion Date: 2016
Architect: Studiotrope
Size: 43,366 SF
Cost³: \$29,000,000
Adjusted Cost/SF (FY 2024): \$1,002
Sustainability: LEED Silver

Summary

The new Training Center for police and fire training replaced a decades-old decrepit building. The previous facilities lacked many features and had numerous building safety issues including mold problems. This new state of the art facility replaced this old one in order to help raise Departmental morale.

Building Features

- Classrooms
- Offices
- Cafeteria
- Workout Rooms
- Active Training Spaces
- Five Story Drill Tower
- Class-A Burn Building
- Emergency Vehicle Operations Course
- Apparatus Bay

⁷<https://www.a-p.com/projects/city-of-aurora-public-safety-training-center/>
<https://www.studiotrope.com/projects/city-of-aurora-police-and-fire-training-facility/>
<https://www.denverpost.com/2014/09/14/aurora-police-and-fire-to-move-to-new-training-facility/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Gilbert Public Safety Training Facility⁸

Completion Date: 2021
Architect: Cole Architects
Size: 162,350 SF
Cost³: \$84,600,000
Adjusted Cost/SF (FY 2024): \$642
Sustainability: No Certification

Summary

The Gilbert Public Safety Training Facility is home to training for police and fire first responders for the city of Gilbert, Arizona. This ended a nearly two-decade long issue of a lack of dedicated training facilities for either Department. Bringing them together under one roof not only gives the departments a home but allows them to train together in a collaborative manner.

Building Features

- Auditorium
- Traditional Classrooms, Practical Lab Classrooms, Defensive Tactics Classroom
- Fitness Center
- Apparatus Bay
- Offices
- Tactical Training Area
- Class A and Class B Burn Buildings
- Driving Course
- Shooting Ranges and Range Support
- K-9 Training Area

⁸<https://www.gilbertaz.gov/departments/public-works/engineering-services/capital-improvement-projects/mf040-public-safety-training-facility/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Glendale Regional Public Safety Training Facility⁹

Completion Date: 2007
Architect: LEA Architects
Size: 70,000 SF
Cost³: \$45,000,000
Adjusted Cost/SF (FY 2024): \$1,521
Sustainability: No Certification

Summary

Serving several towns in the area including Glendale, Avondale, Surprise, and Peoria this facility brings together both the police and fire departments to train under one roof. At the time this facility was built it was considered state-of-the-art, and to this day still serves as a model joint training facility.

Building Features

- Classrooms
- Computer Lab
- Offices
- Physical Fitness Room
- Driver Training Track
- 5-Story Burn/Drill Tower
- Burn Buildings and Props
- Outdoor Firing Range
- Emergency Call Center

⁹https://www.glendaleaz.com/live/city_services/public_safety/fire_department/glendale_regional_public_safety_training_center

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Raleigh Law Enforcement Training Facility¹⁰

Completion Date: 2019
Architect: LEA Architects
Size: 60,000 SF
Cost³: \$26,000,000
Adjusted Cost/SF (FY 2024): \$609
Sustainability: LEED Gold

Summary

This facility serves the city of Raleigh and Wake County police. It replaced a building that was outdated and no longer met all of the needs of either departments. The building serves as a hub for recruit and in-service training as well as home to the department's leadership institute.

Building Features

- Basic Training Rooms
- In-Service Training Rooms
- Defensive Tactics Training Space
- Scenario Training Rooms
- Offices
- Physical Fitness Space/Locker Rooms
- Driver Training
- Outdoor Firing Range

¹⁰<https://raleighnc.gov/projects/law-enforcement-training-center>

<https://www.moseleyarchitects.com/portfolio-item/raleigh-law-enforcement-training-center/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Moreno Valley College, School of Public Safety Building¹¹

Completion Date: 2021
Architect: SVA Architects
Size: 14,135 SF
Cost³: \$13,000,000
Adjusted Cost/SF (FY 2024): \$913
Sustainability: No Certification

Summary

The School of Public Safety is part of the larger Ben Clark Training Center intended for various programs of the Moreno Valley College Public Safety Education program. This building adds offices, classrooms, and training labs for various programs including the Administration of Justice, EMT, Fire Technology, Homeland Security, and several other supporting programs.

Building Features

- Classrooms
- Offices
- Training Labs

¹¹<https://mvc.edu/admin/strategic-planning/projects/bctc-education-building-construction.php>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



College of Dupage, Homeland Security Education Center¹²

Completion Date: 2011
 Architect: Legat Architects
 Size: 66,000 SF
 Cost³: \$25,000,000
 Adjusted Cost/SF (FY 2024): \$570
 Sustainability: No Certification

Summary

The Homeland Security Education Center is home to the training of firefighters, police, and other first responders in response to international and domestic terroristic acts as well as disasters, both man-made and natural. This building houses the state-of-the-art practical training scenario village offering a realistic setting for the training of multiple different disciplines. The building also houses the College of Dupage Campus Police.

Building Features

- Classrooms
- Offices
- Training Labs
- Practical Training Scenario Village
- Forensic and Cybercrime Labs
- Command Center
- Smoke Room for EMS and Fire Rescue Simulations
- Scaling and Rappelling Tower

¹²<https://www.cod.edu/about/visitor-information/campus-facilities/hec.aspx>

<https://architizer.com/projects/college-of-dupage-homeland-security-education-center-1/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



College of Dupage, Homeland Security Training Center¹³

Completion Date: 2010
Architect: Legat Architects
Size: 39,714 SF
Cost³: \$16,500,000
Adjusted Cost/SF (FY 2024): \$657
Sustainability: No Certification

Summary

The Homeland Training Center houses several simulator labs as well as an indoor firing range and 911 call center training lab. This is a shared facility for the College of Dupage's Suburban Law Enforcement Academy and regional law enforcement agencies.

Building Features

- Re-configurable Classrooms
- Offices
- Simulator Labs
- Indoor Firing Range
- Range Prep Space
- 911 Call Center Training Lab

¹³<https://www.legat.com/project/homeland-security-training-center/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Detroit Public Safety Headquarters¹⁴

Completion Date: 2013
Architect: SmithGroup
Size: 420,000 SF
Cost³: \$60,000,000
Adjusted Cost/SF (FY 2024): \$220
Sustainability: LEED Silver

Summary

The Headquarters building is home to Police, Fire, Homeland Security, and a Forensics Lab for Michigan State Police. In addition to these departments, offices for the Detroit Building Authority and City of Detroit IT Department are housed here. This building is a renovation project, and was first a building for IRS computers and later turned into an MGM casino.

Building Features

- Offices and Supporting Spaces
- Forensics Lab
- Emergency Operations Center
- 911 and Dispatch Facility
- Fitness Space

¹⁴<https://www.smithgroup.com/projects/city-of-detroit-public-safety-headquarters>

<https://www.turnerconstruction.com/experience/project/5262/city-of-detroit-public-safety-headquarters>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.

FIRING RANGE FACILITIES





FLETC Indoor Firing Range at Cheltenham¹⁵

Completion Date: 2003
Architect: Clark Nexsen
Size: 152,000 SF
Cost³: \$20,162,724
Adjusted Cost/SF (FY 2024): \$350
Sustainability: No Certification

Summary

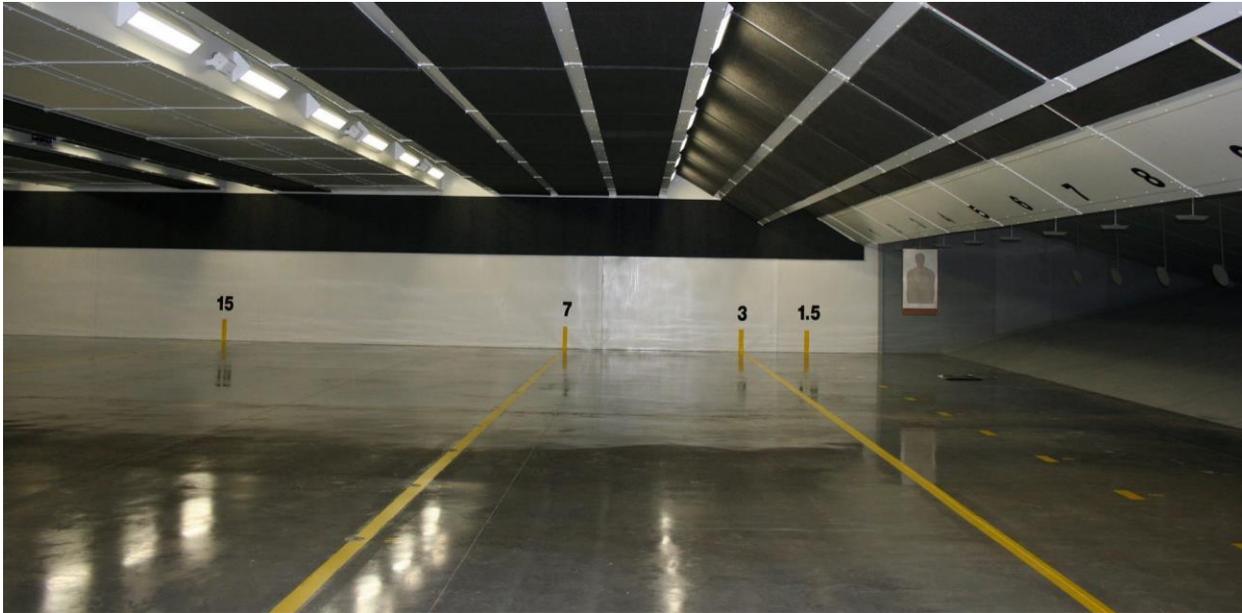
This range was built to fulfill the training needs of the FLETC. This range complex provides several ranges with multiple firing positions. The facility also allows for the ability to drive vehicles and other large props onto the firing range.

Building Features

- Four 25-Yard, 12 point Firing Ranges
- Two 50-Yard, 24 point Firing Ranges
- One 100-Yard, 10 point Firing Range
- Range Control Booths
- Centralized Weapons and Equipment Issue
- Classrooms

¹⁵<https://www.clarknexsen.com/project/fletc-indoor-firing-range/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



FLETC Charleston Indoor Firing Range¹⁶

Completion Date: 2007
Architect: Clark Nexsen
Size: 41,560 SF
Cost³: \$7,500,000
Adjusted Cost/SF (FY 2024): \$483
Sustainability: No Certification

Summary

This range was built to fulfill the training and re-certification needs for the FLETC. The range is designed as a walk down range allowed for dynamic and static firing and a variety of scenarios. The facility also allows for the ability to drive vehicles and other large props onto the firing range.

Building Features

- One 50-yard, 24 point Walk Down Firing Range
- Classroom
- Weapons Cleaning Area
- Range Control Booth

¹⁶<https://www.cnpublicsafety.com/project/fletc-charleston-indoor-firing-range/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Loudon County Public Safety Firing Range¹⁷

Completion Date: 2020
Architect: Clark Nexsen
Size: 60,340 SF
Cost³: \$20,700,000
Adjusted Cost/SF (FY 2024): \$415
Sustainability: No Certification

Summary

This range was built to fulfill the training and re-certification needs for the FLETC. The range is designed as a walk down range allowed for dynamic and static firing and a variety of scenarios. The facility also allows for the ability to drive vehicles and other large props onto the firing range.

Building Features

- One 100-yard, 10 point Firing Range
- One 50-yard, 18 point Firing Range
- Range Control Booths
- Weapons Cleaning Areas
- Armory
- Offices
- Two Story Simulation Force on Force Training Building
- Classrooms
- 360 degree Force Simulator

¹⁷<https://www.cnpubliCsafety.com/project/loudoun-county-public-safety-firing-indoor-range/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Prince Georges County Firing Range¹⁸

Completion Date: 2017
Architect: SEI Architects
Size: 143,676 SF
Cost³: \$54,000,000
Adjusted Cost/SF (FY 2024): \$525
Sustainability: No Certification

Summary

The Prince Georges County Firing Range is among one of the largest indoor firing ranges ever constructed in the United States. The building features varying size and use ranges as well as a training area for use of simunitions. The facility also features an additional outdoor tactical training village.

Building Features

- 25-yard, 4 and 8 Point Static Firing Ranges
- One 25-yard, 20 Point Tactical Firing Range
- One 25-yard, 12 Point Firing Range
- One 50-yard, 14 Point Firing Range
- One 200-yard, 9 Point Firing Range
- Range Control Booths
- Weapons Cleaning Areas
- Armory
- Offices
- Classrooms
- Less Lethal Training Area
- Simulator Rooms

¹⁸<https://www.hessconstruction.com/projects/prince-georges-county-public-safety-firearms-range/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



Chester County Law Enforcement Firing Range¹⁹

Completion Date: 2018
Architect: MW Studios
Size: 42,500 SF
Cost³: \$13,797,343
Adjusted Cost/SF (FY 2024): \$411
Sustainability: No Certification

Summary

The Chester County Public Safety Center is a State-of-the-art joint use public safety complex promoting collaborative training amongst police, fire, EMS and other emergency management personnel. Law Enforcement Training occurs within a 42,500 GSF Indoor Firing Range & Classrooms Building and a separate 5-acre Tactical Village Training Site.

Building Features

- One 50-yard, 12 Point Firing Range
- One 100-yard, 4 Point Firing Range
- 50x50 shoot house with adjustable panels
- Range Control Booths
- Weapons Cleaning Areas
- Armory
- Offices
- Classrooms
- Less Lethal Training Area
- Simulator Rooms

¹⁹ <https://mwsarch.com/project/chester-county-law-enforcement-center/>

³ Costs are assumed for the purpose of this document to be the total building cost however the breakdown of cost is not known. Numbers such as site acquisition, site work, FF&E, etc. may or may not be included in the cost.



COMPARABLE FACILITIES COST DATA



COPPIN STATE UNIVERSITY PUBLIC SAFETY FACILITY: COMPARABLE FACILITIES ANALYSIS

PUBLIC SAFETY COMPLEXES - NEW CONSTRUCTION

Project Information														Building Cost Escalation and Regional Adjustments							
Project Name	Location				Building Information					Facility Size		Actual Costs at Time of Bid or Completion		Escalation Calculation (@ 5% per year to FY 2024)			Adjusted Costs (To FY 2024)				
	City	State	Region	Population	Project Type	LEED Certification	Reno vs New	Architect	Date of Costs	Project Size (SF)	Site Size (Acres)	Total Cost	Actual Cost Per SF	Years Escalated	Escalated Cost Per SF	Escalated Cost	Baltimore Regional Historical Cost Index (Date of Costs)	Historical Cost Index Region of Origin (Date of Costs)	Regional Cost Adjustment to Baltimore	Adjusted Cost Per SF	Adjusted Cost Relative to Coppin State Public Safety Facility Size (303,988 sf)
New York City Police Academy	New York City	New York	Northeast	8,468,000	Police Academy	Gold	New	Perkins&Will	2014	730,000	32	\$950,000,000	\$1,301	10	\$2,120	\$1,547,449,895	187.6	307	\$945,607,819	\$1,295	\$393,771,821
Chicago Joint Public Safety Training Academy	Chicago	Illinois	Midwest	2,697,000	Joint Police and Fire Training Academy	Awaiting Cert.	New	AECOM	2018	198,950	34	\$170,000,000	\$854	6	\$1,145	\$227,816,259	218.7	280.8	\$177,433,817	\$892	\$271,112,094
Regional Tactical Training Center, Philadelphia Police Academy	Philadelphia	Pennsylvania	Northeast	1,576,000	K9 & Tactical Police Unit Training	Gold	New	JacobsWyper	2014	30,700	9	\$11,200,000	\$365	10	\$594	\$18,243,620	187.6	232.1	\$14,745,812	\$480	\$146,011,402
City of Aurora Public Safety Training Center	Aurora	Colorado	West	389,347	Joint Police, Fire, EMS Training Academy	Silver	New	Studiotrope	2016	43,366	23	\$29,000,000	\$669	8	\$988	\$42,846,208	193.8	191	\$43,474,320	\$1,002	\$304,747,303
Gilbert Public Safety Training Center	Gilbert	Arizona	Southwest	273,136	Joint Police and Fire Training Academy	None	New	Cole Architects	2021	162,350	50	\$84,600,000	\$521	3	\$603	\$97,935,075	204.8	192.4	\$104,246,899	\$642	\$195,194,372
Glendale Regional Public Safety Training Center	Glendale	Arizona	Southwest	617,063	Joint Police and Fire Training Academy	None	New	LEA Architects	2007	70,000	56	\$45,000,000	\$643	17	\$1,473	\$103,140,824	152.5	147.7	\$106,492,727	\$1,521	\$462,464,442
Raleigh Law Enforcement Training Center	Raleigh	North Carolina	Southeast	469,124	Joint Police and Fire Training Academy	Gold	New	Mosley Architects	2019	60,000	Unknown	\$26,000,000	\$433	5	\$553	\$33,183,321	214.6	195	\$36,518,670	\$609	\$185,020,623
Moreno Valley College, School of Public Safety	Riverside	California	West	N/A	Criminal Justice, EMT, Fire, and Homeland Security Higher Ed Building	Unknown	New	SVA Architects	2021	14,135	Unknown	\$13,000,000	\$920	3	\$1,065	\$15,049,125	218.7	254.9	\$12,911,901	\$913	\$277,683,979
College of Dupage, Homeland Security Education Center	Glen Ellyn	Illinois	Midwest	N/A	Homeland Security Higher Ed Building (Police, Fire, and First Responders)	Unknown	New	Legat Architects	2011	66,000	Unknown	\$25,000,000	\$379	13	\$714	\$47,141,229	173.6	217.6	\$37,608,995	\$570	\$173,222,472
College of Dupage, Homeland Security Training Center	Glen Ellyn	Illinois	Midwest	N/A	Homeland Security Higher Ed Building (Police, Fire, and First Responders)	Unknown	New	Legat Architects	2010	39,714	Unknown	\$16,500,000	\$415	14	\$823	\$32,668,871	168.3	210.6	\$26,107,175	\$657	\$199,835,522

Median Cost Per SF	Median Total Cost
\$775	\$235,473,808

PUBLIC SAFETY COMPLEXES - RENOVATION

Project Information														Building Cost Escalation and Regional Adjustments							
Project Name	Location				Building Information					Facility Size		Actual Costs at Time of Bid or Completion		Escalation Calculation (@ 5% per year to FY 2024)			Adjusted Costs (To FY 2024)				
	City	State	Region	Population	Project Type	LEED Certification	Reno vs New	Architect	Date of Costs	Project Size (SF)	Site Size (Acres)	Total Cost	Actual Cost Per SF	Years Escalated	Escalated Cost Per SF	Escalated Cost	Baltimore Regional Historical Cost Index (Date of Costs)	Historical Cost Index Region of Origin (Date of Costs)	Regional Cost Adjustment to Baltimore	Adjusted Cost Per SF	Adjusted Cost Relative to Coppin State Public Safety Facility Size (303,988 sf)
Philadelphia Police Training Center	Philadelphia	Pennsylvania	Northeast	1,576,000	Police Academy	Silver	Reno	ENV	2015	80,000	9	\$18,000,000	\$225	9	\$349	\$27,923,908	189.2	234.7	\$22,510,453	\$281	\$85,536,346
Detroit Public Safety HQ	Detroit	Michigan	Midwest	632,464	Joint Police, Fire, EMS Headquarters	Silver	Reno	SmithGroup	2013	420,000	Unknown	\$60,000,000	\$143	11	\$244	\$102,620,361.49	183.2	203.1	\$92,565,486	\$220	\$66,997,136

Median Cost Per SF	Median Total Cost
\$251	\$76,266,741

FIRING RANGES

Project Information														Building Cost Escalation and Regional Adjustments							
Project Name	Location				Building Information					Facility Size		Actual Costs at Time of Bid or Completion		Escalation Calculation (@ 5% per year to FY 2024)			Adjusted Costs (To FY 2024)				
	City	State	Region	Population	Project Type	LEED Certification	Reno vs New	Architect	Date of Costs	Project Size (SF)	Site Size (Acres)	Total Cost	Actual Cost Per SF	Years Escalated	Escalated Cost Per SF	Escalated Cost	Baltimore Regional Historical Cost Index (Date of Costs)	Historical Cost Index Region of Origin (Date of Costs)	Regional Cost Adjustment to Baltimore	Adjusted Cost Per SF	Adjusted Cost Relative to Coppin State Firing Range Size (106,119 sf)
FLETC Indoor Firing Range at Cheltenham	Cheltenham	Maryland	Northeast	N/A	Federal Law Enforcement Training Center	Unknown	New	Clark Nexsen	2003	152,000	Unknown	\$20,162,724	\$133	21	\$370	\$56,172,595	118.1	124.6	\$53,242,243	\$350	\$37,171,142
FLETC Charleston Indoor Firing Range	Charleston	North Carolina	Southeast	N/A	Federal Law Enforcement Training Center	Unknown	New	Clark Nexsen	2007	41,560	Unknown	\$7,500,000	\$180	17	\$414	\$17,190,137	152.5	130.6	\$20,072,710	\$483	\$51,253,511
Loudon County Public Safety Firing Range	Leesburg	Virginia	Northeast	427,592	County Public Safety Firing Range	Unknown	New	Clark Nexsen	2020	60,340	Unknown	\$20,700,000	\$343	4	\$417	\$25,160,979	218.7	219.7	\$25,046,455	\$415	\$44,048,803
Prince Georges County Firing Range	Upper Marlboro	Maryland	North	955,306	County Public Safety Firing Range	Unknown	New	SEI Architects	2017	143,676	25	\$54,000,000	\$376	7	\$529	\$75,983,423	197.7	199.1	\$75,449,135	\$525	\$55,726,682
Chester County Law Enforcement Training Center	Coatesville	Pennsylvania		955,306	County Public Safety Firing Range	None	New	MW Studios	2018	42,500	5	\$13,797,343	\$325	6	\$435	\$18,489,759	204.8	216.8	\$17,466,341	\$411	\$43,612,015

Median Cost Per SF	Median Total Cost
\$415	\$44,048,803