

Submitted By: Police Department
Joshua Watkins
Phone: (706) 613-3330 Alt. Phone:
Email: Joshua.watkins@accgov.com

Project Classification: Economic Prosperity
Project Focus: Public Safety
Project Type: Facility, New (Building or Park)

Previously Submitted and Rejected: No
Continuation Project: No

Project Total Cost: \$ 14,753,000

Total Operating Cost: \$ 95,000

Project Description: The development of a Public Safety Training Center is requisite to sustain and enhance the training provided to all Athens-Clarke County law enforcement professionals. To such ends, it is proposed that a purpose built training facility be constructed at the current ACCGOV Firearms Range (599 Candler Road), inclusive of training room, site improvements, addition of a driving pad, and firearms range improvements.

The proposed training center seeks to include: a training facility with an adaptable classroom; office space for all public safety training staff; dedicated use of force training space; defensive tactics training space; a driving simulator room; a driver training pad; meeting space; gym & locker rooms for public safety personnel; an oversized vehicle garage / equipment storage; firearms range improvements; roadway and parking improvements; and the refinement of existing support structures. It is estimated that a structure of approximately 16,450 may be constructed with the requested funds. The space usage for such a structure would approximate:

Room Usage	Units	Square Footage	Total Square Footage
Adaptable Classroom	1	1,500	1,500
Office Space	8	120	960
Use of Force Simulator	1	1,500	1,500
Gym	1	4,500	4,500
Defensive Tactics	1	4,400	4,400
Vehicle Storage	1	1,500	1,500
Meeting Room	1	625	625
Locker Rooms	2	725	1,450
Total Square Footage	.	.	16,435

Project Mission Statement/Goals & Objectives: The development of a Public Safety Training Center is requisite to sustain and enhance the training provided to all Athens-Clarke County law enforcement professionals.

Originally designed for a much smaller law enforcement cadre, the 20-plus year old firing range is now used by all ACCGOV law enforcement professionals. General repairs are needed throughout the facility, inclusive of repairs to equipment and structures.

To maximize the effectiveness of training time, and ensure trainings meet the highest standards, dedicated instructional space is required, ideally co-located or in close proximity to the firearms range. Currently, the ACCPD is greatly constrained by the availability of training spaces, is often required to move equipment / reconfigure spaces to meet training needs, and uses spaces not designed for specialized trainings (e.g., use of force training, defensive tactics, etc.).

The ACCGOV would similarly benefit from the construction of a vehicle training surface. The lack of a vehicle training surface necessitates that the department's basic emergency vehicle operations instruction is conducted in Forsyth, GA - an inefficient practice, and one constrained by the operational needs of external stakeholders. The presence of a vehicle training surface would also allow for advanced vehicle trainings by ACCPD instructors, while the space could be adapted to meet the diverse training needs of all Athens-Clarke County vehicle operators.

Projected Useful Life of Project: The existing range has enjoyed a useful life of greater than 20 years. Assuming normal wear and tear, and regular maintenance, it is reasonable for the entirety of the facility inclusive of the structures, site improvements, and driving pad to enjoy a similar useful life of 20 years, or more.

To meet the Project Goals & Objectives, when should this project be completed? To meet Project Goals & Objectives, principally the acquisition of dedicated training spaces to meet operational needs and to realize training efficiencies, an aggressive implementation schedule should be employed. A project timeline which would allow for design and construction within three to five years would be advantageous.

The Leadership in Energy and Environmental Design (LEED) Green Building System compliance: The facility will be designed to meet LEED Standards. The base cost model incorporates administrative costs associated with a LEED designed facility, while the annual operating costs are based upon realized expenses at a similar sized, ACCGOV LEED-certified facility (ACCPD Headquarters).

How will this project help meet the Public Safety, Basic Facilities/Infrastructure, and/or Quality of Life needs in Athens-Clarke County? The development of a Public Safety Training Center will address both established and nascent law enforcement operational needs. Public safety training needs are diverse, sustained, and ever evolving - a space must be dedicated to addressing such concerns. Enhanced training capacities as with the creation of a dedicated structure prove requisite as with expanding service delivery roles, enhanced staffing requirements, and enhanced training scale. To such ends, spaces must be developed to hone the use of force, defensive tactics, and the provision of basic classroom instruction for core training functions and advanced courses.

While we must train to ensure quality service delivery, stakeholders are currently constrained by a distinct

lack of dedicated training spaces and the need to balance against the schedules of external stakeholders. A prime example of such constraint is in the need to use the Georgia Public Safety Training Center's driving pad for vehicle operations. Police operations require a driver's training pad for basic certification, and advanced trainings - however, we do not have such a capacity and are not guaranteed consistent access to the driver's training facility at Forsyth. Similarly, law enforcement professionals require consistent access to adaptable classroom spaces to allow for the delivery of best-practices courses, a dedicated use of force simulator room to inform situational awareness and refine decision making, and exercise spaces to maintain operational readiness. A secure location to house capital equipment is also necessary.

While a dedicated training building is necessary, so too are improvements to the proposed site required. The existing access road will need to be improved, just as storage solutions for the ACCPD's capital vehicles and oversized equipment will need to be addressed. Site considerations have been informed by an engineer-developed site master plan.

In sum, a Public Safety Training Center will ensure the sustainment of best-practice service delivery, enhance operational efficiencies, reduce the need for external stakeholder venues, expand training capacities, and allow for the address of nascent training needs through increased training space availability and modifiable spaces.

How is this Project recommended/included in any approved ACCGOV Land Use Plan, Master Plan, Study, Service Delivery Plan, Envision Athens, etc.? Site considerations have been informed by an engineer-developed site master plan

Triple Bottom Line Impacts

Positive Benefits for the Prosperity of Athens-Clarke County: In sum, a Public Safety Training Center will ensure the sustainment of best-practice service delivery, enhance operational efficiencies, reduce the need for external stakeholder training venues, expand training capacities, and allow for the address of nascent training needs through increased available training spaces and modifiable spaces. A prosperous Athens-Clarke County requires the maintenance of public safety - a goal attainable through sustained, best-practice training of law enforcement professionals.

Detrimental Impacts to the Prosperity of Athens-Clarke County: There are no perceived detrimental impacts to the prosperity of Athens-Clarke County as the provision of quality, ethical, best practice law enforcement services is requisite for the maintenance of the community and the sustainment of its prosperity.

Positive Benefits for our Citizens and Visitors: The provision of best practice policing initiatives will be sustained through the Public Safety Training facility's operations. While not the primary goal / objective of such a facility, the facility could also serve an emergency preparedness / disaster services role as with the staging of equipment / resources on the driving pad and the facility as an auxiliary operational center.

Detrimental Impacts for our Citizens and Visitors: There are no perceived major detrimental impacts to our citizens or visitors due the creation of a Public Safety Training Center. The site's location adjacent to the airport and away from residences mitigates any sound considerations which might arise from operations on a vehicle driving pad. ACCGOV vehicles also already transit Candler Road to go to regular trainings at the firearms range.

Environmental Benefits, including but not limited to Positive impacts on existing Infrastructure/Systems: Site improvements at the existing firearms range will ensure that water drainage issues adjacent to the proposed site are resolved. The upgraded firing range will utilize a bullet trap system in lieu of the current earthen berm system. Doing so will decrease the opportunity for lead and other heavy metals to migrate into local waters while also decreasing ACCGOV's operational cost to maintain this site as compliant with the EPA best management practices.

A local training facility will decrease the need for ACCPD staff to travel to Forsyth, GA for training. This will result in fewer vehicle emissions associated with this cross-state trip.

Detrimental Impacts for the Environment, including but not limited to Negative impacts on existing Infrastructure/Systems: An engineer-developed site master plan has informed the use of the proposed location. In all areas, environmental impacts shall be mitigated. While the development of the site will result in the disturbance of natural resources, the proposed site in an airport overlay zone where items such as trees and wildlife are generally unwanted and/or prohibited.

Positive/Negative Impacts on ACCGOV Departments, Agencies, or other Organizations, if not covered in one of the above questions: The proposed site is for the use of the entirety of Public Safety stakeholders (e.g., Clarke County Sheriff's Office, Probation Services, Police Department, Fire Department, Emergency Management, etc.). In addition, training spaces could be leveraged by all ACCGOV units, as needed, when not in active use by law enforcement stakeholders.

The driving pad could similarly be used by all ACCGOV stakeholders as to bolster vehicle operation proficiencies.

Project Costs

Detailed project capital budget costs (to be funded from SPLOST 2020 only):

Project Costs (round to thousand)	Amount
1. Land Acquisition / ROW / Easement:	\$ 1,500,000
2. Design Fees: (Min.12% of New Const.; 14% of reno.; 16% for LEED proj.)	\$ 700,000
3. Miscellaneous Fees: (Min. Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.	\$ 222,000
4. Fixtures, Furniture, and Equipment (for a facility): A detailed estimate is preferred – but dependent upon the specific project, utilize at a minimum \$15 to \$20 per square foot.	\$ 329,000
5. Construction:	\$ 8,350,000
6. Construction Contingency: (10% of the Construction line item)	\$ 835,000
7. Acquisition of Capital Equipment: (includes simulators)	\$ 260,000
8. Testing:	\$ 250,000
9. Project Management: (4% of the total budget line items above)	\$ 498,000
10. Project Contingency: (10% of the total budget line items above)	\$ 1,295,000
11. Public Art: Calculated at 1% of the Construction line item.	\$ 84,000
12. Other 1:	\$
13. Other 2:	\$
Project Subtotal:	\$ 14,323,000
14. Program Management (3% of Project Subtotal):	\$ 430,000
SPLOST 2020 Project Total:	\$ 14,753,000

Operating Cost

Total Annual Net Operating Costs when Project is complete:

Only identify additional or net operating costs to be paid by ACCGOV. Identify the additional or net costs needed above ACCGOV's current operating budget to operate the requested project and any additional project related revenues that would be generated. Provide budget costs for each identified category below.

Operating Costs (round to thousand)	Estimated Impact for Annual Operating Expenditures
TOTAL PROJECTED REVENUES FROM PROJECT	-
PROJECTED EXPENDITURES	
1. Personnel Costs: from Appendix A	-
2. Annual Utilities:	
• Gas:	1,000
• Electrical:	78,000
• Water:	3,000
• Sewer:	1,000
• Phone:	1,000
• Solid Waste Collection:	2,000
• Other:	-
3. Operating Supplies:	-
4. Equipment Maintenance:	2,000
5. Facility Maintenance:	7,000
6. Fuel:	-
7. Other:	-
8. Other:	-
9. Other:	-
TOTAL EXPENDITURES	95,000
NET OPERATING COSTS OF PROJECT:	\$ 95,000

Project Financing

Is the proposed Project to receive funding from source(s) other than SPLOST 2020? No

Project Site

Will the proposed Project require any land, whether existing sites, new site, easements, or Rights of Way? Yes

Will the proposed Project be on a site currently owned by ACCGOV? That is desired but at time of submission to the committee it is believed that new land will be required. The current facility is on land controlled by the FAA and will likely require new land be purchased.

Approximately how many acres is available or will be needed for the new facility or Park?
Approximately 48 acres is available at the site, inclusive of the existing firearms ranges.

Project Location/Address (Existing or Proposed):
Parcel 234 001 (599 Candler Road) Neighborhood 3007R-Winterville Rural

Will the Project require fee simple additional land acquisition? No

Will the Project require Rights-of-Way or Easement acquisition? No

Site Criteria and Standards

Current Property Owner (if applicable): No

Minimum acreage necessary for Project. 20 acres

Topography: Sloping hills with flat plain Parcel 234 001

Estimated cost per acre: N/A

Location/Accessibility

Define location relative to the Project's service area that best meets the Goals and Objectives.

The proposed facility and improvements are sited at the current ACCGOV law enforcement firearms range, approximately 1.5 miles or a 5 minute drive from the ACCPD Headquarters facility and the Clarke County Jail.

If necessary to meet the Goals and Objectives, describe what types of vehicular access will be required.

Currently, a gravel road allows for access to the ACCGOV firearms range. Improvements to the surface will need to take place, ideally with a paved roadway and an additional access road to Buddy Christian Way (eastern border of parcel). The existing roadway drainage system will also require minimal improvements / modifications to ensure timely removal of water from the road surface and reduce erosion potentials

If necessary to meet the Goals and Objectives, describe what types of pedestrian access will be required.

Given the proximity to vehicle and firearms training operations, pedestrian access would not be encouraged as a matter of personal safety.

If necessary to meet the Goals and Objectives, describe what types of Bicycle access will be required.

Given the proximity to vehicle and firearms training operations, bicycle access would not be encouraged as a matter of personal safety.

SPLOST 2020 Calculations: Public Safety Training Center

Category	Cost
Land Acquisition	\$0
Design Fees	\$1,184,000
MSC Fees	\$222,000
Fixtures, etc.	\$328,889
Construction	\$7,400,000
Construction Contingency	\$740,000
Capital Equipment	\$111,500
Testing	\$222,000
Project Management	\$516,026
Project Contingency	\$1,072,442
Public Art	\$74,000
Other: Road/Parking	\$1,470,250
Other: Driving Pad	\$1,222,000
<i>Project Subtotal</i>	<i>\$14,563,107</i>
Program Management	\$436,893
Total	\$15,000,000

Category	Cost	Rounded
Natural Gas	\$425	\$1,000
Electrical	\$78,000	\$78,000
Water	\$3,500	\$3,000
Sewer	\$400	\$1,000
Phone	\$360	\$1,000
Solid Waste	\$2,400	\$2,000
Other 1	\$0	\$0
Operating Supplies	\$0	\$0
Equipment Maintenance	\$2,415	\$2,000
Fuel	\$0	\$0
Facility Maintenance	\$2,500	\$2,000
Other 2	\$0	\$0
Other 3	\$0	\$0
Other 4	\$0	\$0
Total	\$90,000	\$90,000

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 1A: Existing Berm Reconstruction/Remediation for Pistol and Rifle Range

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
10	Grading for Berm Remediation/Reconstruction (20' Height Minimum) (Note 5)	CY	2,000	\$30.00	\$60,000.00
11	Grading for Side Berm Reconstruction Including New Side Berm along rifle range.	CY	6,000	\$15.00	\$90,000.00
12	Shed Roof Structure for Pistol Range (Covered Target/Berm Area)	SF	3,000	\$30.00	\$90,000.00
13	Shed Roof Structure for Rifle Range (Covered Target/Berm Area)	SF	3,000	\$30.00	\$90,000.00
14	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$15,000.00	\$15,000.00
15	Storm Water Management (Note 4)	LS	1	\$50,000.00	\$50,000.00
				Subtotal:	\$395,000.00
				15% Contingency (Note 1):	\$59,250.00
				18% Professional Services (Note 2):	\$71,100.00
				Phase Total:	\$525,350.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Note 5: Does not include credit for the value of lead recovery (Estimated at \$0.50/lb for 30 tons = \$30,000).

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 1B: Existing Pistol Range Improvements

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
20	Grading	CY	5,000	\$12.00	\$60,000.00
21	Aggregate Surface Course (2" thick with geosynthetic)	TN	260	\$35.00	\$9,100.00
22	Concrete Sidewalk (4" Thick)	SY	400	\$45.00	\$18,000.00
23	Shed Roof Structure (Covered Shooting Area @ 50 Yard)	SF	3,000	\$30.00	\$90,000.00
24	Target System (Installed)	LS	1	\$100,000.00	\$100,000.00
25	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$15,000.00	\$15,000.00
26	Storm Water Management (Note 4)	LS	1	\$50,000.00	\$50,000.00
				Subtotal:	\$342,100.00
				15% Contingency (Note 1):	\$51,315.00
				18% Professional Services (Note 2):	\$61,578.00
				Phase Total:	\$454,993.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 1C: Pistol Range Expansion

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
30	Grading (Average Depth = 5' Approx)	CY	4,500	\$12.00	\$54,000.00
31	Grading for Berm Construction (20' Height Minimum)	CY	2,500	\$15.00	\$37,500.00
32	Aggregate Surface Course (2" thick with geosynthetic)	TN	250	\$35.00	\$8,750.00
33	Concrete Sidewalk (4" Thick)	SY	400	\$45.00	\$18,000.00
34	Shed Roof Structure (Covered Target/Berm Area)	SF	3,000	\$30.00	\$90,000.00
35	Shed Roof Structure (Covered Shooting Area @ 50 Yard)	SF	3,000	\$30.00	\$90,000.00
36	Target System Expansion	LS	1	\$100,000.00	\$100,000.00
37	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$25,000.00	\$25,000.00
38	Storm Water Management (Note 4)	LS	1	\$75,000.00	\$75,000.00
				Subtotal:	\$498,250.00
				15% Contingency (Note 1):	\$74,737.50
				18% Professional Services (Note 2):	\$89,685.00
				Phase Total:	\$662,672.50

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 1D: Gravel Access Road

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
40	Grading for new roadway and driveway	CY	2,500	\$12.00	\$30,000.00
41	Roadway - Graded Aggregate Surface Course to Parking (6" Thick)	TN	250	\$35.00	\$8,750.00
42	Driveway - Graded Aggregate Surface Course to Offsite Property (4" Thick)	TN	100	\$35.00	\$3,500.00
43	Gates & Fencing	LS	1	\$25,000.00	\$25,000.00
44	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$15,000.00	\$15,000.00
45	Storm Water Management (Note 4)	LS	1	\$35,000.00	\$35,000.00
				Subtotal:	\$117,250.00
				15% Contingency (Note 1):	\$17,587.50
				18% Professional Services (Note 2):	\$21,105.00
				Phase Total:	\$155,942.50

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 2: Rifle Range Expansion

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
50	Grading (Average Depth = 4' Approx)	CY	10,000	\$12.00	\$120,000.00
51	Grading for Berm Extension (20' Height Minimum)	CY	7,000	\$15.00	\$105,000.00
52	Concrete Sidewalk (4" Thick)	SY	60	\$45.00	\$2,700.00
53	Shed Roof Structure (Covered Shooting Area @ 200 Yard)	SF	3,000	\$30.00	\$90,000.00
54	Target System Expansion	LS	1	\$100,000.00	\$100,000.00
55	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$25,000.00	\$25,000.00
56	Storm Water Management (Note 4)	LS	1	\$75,000.00	\$75,000.00
				Subtotal:	\$517,700.00
				15% Contingency (Note 1):	\$77,655.00
				18% Professional Services (Note 2):	\$93,186.00
				Phase Total:	\$688,541.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 3A: Paved Access Road

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
60	Grading (Average Depth = 4' Approx)	CY	7,500	\$12.00	\$90,000.00
61	2" Thick Asphalt Surface Course	TN	460	\$90.00	\$41,400.00
62	Graded Aggregate Base Course (6" Thick)	TN	1,600	\$35.00	\$56,000.00
63	24" Concrete Curb and Gutter	LF	2,600	\$18.00	\$46,800.00
64	Storm Sewer System (Pipe Diameter Varies 18" to 36")	LF	1,400	\$75.00	\$105,000.00
65	Catch Basins	EA	12	\$2,000.00	\$24,000.00
66	Lighting	EA	22	\$8,000.00	\$176,000.00
67	Gates & Fencing	LS	1	\$25,000.00	\$25,000.00
68	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$25,000.00	\$25,000.00
69	Storm Water Management (Note 4)	LS	1	\$100,000.00	\$100,000.00
				Subtotal:	\$689,200.00
				15% Contingency (Note 1):	\$103,380.00
				18% Professional Services (Note 2):	\$124,056.00
				Phase Total:	\$916,636.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 3B: Paved Parking Area and Gravel Overflow Parking Area

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
70	Grading (Paved Parking Areas)	CY	6,800	\$12.00	\$81,600.00
71	2" Thick Asphalt Surface Course	TN	550	\$90.00	\$49,500.00
72	Graded Aggregate Base Course (6" Thick)	TN	2,800	\$35.00	\$98,000.00
73	24" Concrete Curb and Gutter	LF	1,800	\$18.00	\$32,400.00
74	Grading (Gravel Overflow Parking Area)	CY	4,500	\$12.00	\$54,000.00
75	Graded Aggregate Surface Course (Gravel Parking Area - 4" Thick)	TN	750	\$35.00	\$26,250.00
76	Concrete Sidewalk (4" Thick)	SY	250	\$45.00	\$11,250.00
77	Lighting	EA	12	\$10,000.00	\$120,000.00
78	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$25,000.00	\$25,000.00
79	Storm Water Management (Note 4)	LS	1	\$125,000.00	\$125,000.00
				Subtotal:	\$623,000.00
				15% Contingency (Note 1):	\$93,450.00
				18% Professional Services (Note 2):	\$112,140.00
				Phase Total:	\$828,590.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 3C: Building Structures

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
80	Building Structure (Training Rooms, Restrooms, Mechanical, etc)	SF	2,400	\$175.00	\$420,000.00
81	FFE (Furniture, Furnishings and Equipment - 15% of Building)	LS	1	\$63,000.00	\$63,000.00
82	Control Tower	LS	1	\$50,000.00	\$50,000.00
83	Simunitions House	SF	3,600	\$100.00	\$360,000.00
84	Ammunition Bunker	SF	600	\$100.00	\$60,000.00
85	Water Service	LF	1,500	\$30.00	\$45,000.00
86	Septic System	LS	1	\$50,000.00	\$50,000.00
87	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$25,000.00	\$25,000.00
				Subtotal:	\$1,048,000.00
				15% Contingency (Note 1):	\$157,200.00
				18% Professional Services (Note 2):	\$188,640.00
				Phase Total:	\$1,393,840.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Phase 4: Driving Skill Pad (Approximately 400' x 400' Paved)

Item #	Description	Unit	Quantity	Unit Cost	Total Cost
90	Grading (Average Depth = 4' Approx)	CY	30,000	\$12.00	\$360,000.00
91	2" Thick Asphalt Surface Course	TN	2,200	\$90.00	\$198,000.00
92	Graded Aggregate Base Course (6" Thick)	TN	6,000	\$35.00	\$210,000.00
93	Lighting	LS	1	\$75,000.00	\$75,000.00
94	Erosion Control, Grassing, Trees and Landscaping (Note 3)	LS	1	\$50,000.00	\$50,000.00
95	Storm Water Management (Note 4)	LS	1	\$250,000.00	\$250,000.00
				Subtotal:	\$1,143,000.00
				15% Contingency (Note 1):	\$171,450.00
				18% Professional Services (Note 2):	\$205,740.00
				Phase Total:	\$1,520,190.00

Note 1: Contingency may include contractor fees, miscellaneous lump sum construction, materials testing, mobilization, clearing and grubbing, etc.

Note 2: Professional services may include architecture, engineering, environmental permitting, geotechnical, construction administration, etc.

Note 3: Erosion Control and Grassing may include sediment traps, silt fence, temporary grassing, permanent grassing, construction outlets, mulch, etc.

Note 4: Stormwater Management may include detention, water quality BMPs, collection and conveyance systems, outlet protection, etc.

Athens-Clarke County Law Enforcement Training Center
Opinion of Probable Construction Cost
9/1/2015

Summary of Costs By Phase

Phase 1A: Existing Berm Reconstruction/Remediation for Pistol and Rifle Range	\$525,350
Phase 1B: Existing Pistol Range Improvements	\$454,993
Phase 1C: Pistol Range Expansion	\$662,673
Phase 1D: Gravel Access Road	\$155,943
Phase 2: Rifle Range Expansion	\$688,541
Phase 3A: Paved Access Road	\$916,636
Phase 3B: Paved Parking Area and Gravel Overflow Parking Area	\$828,590
Phase 3C: Building Structures	\$1,393,840
Phase 4: Driving Skill Pad (Approximately 400' x 400' Paved)	\$1,520,190

Total Estimated Project Cost

\$7,146,755