

Pine Grove Area Regional Police Study

Updated May, 2019

for

Pine Grove Borough

&

Pine Grove Township


Schuylkill County, PA



Demographics of the Communities

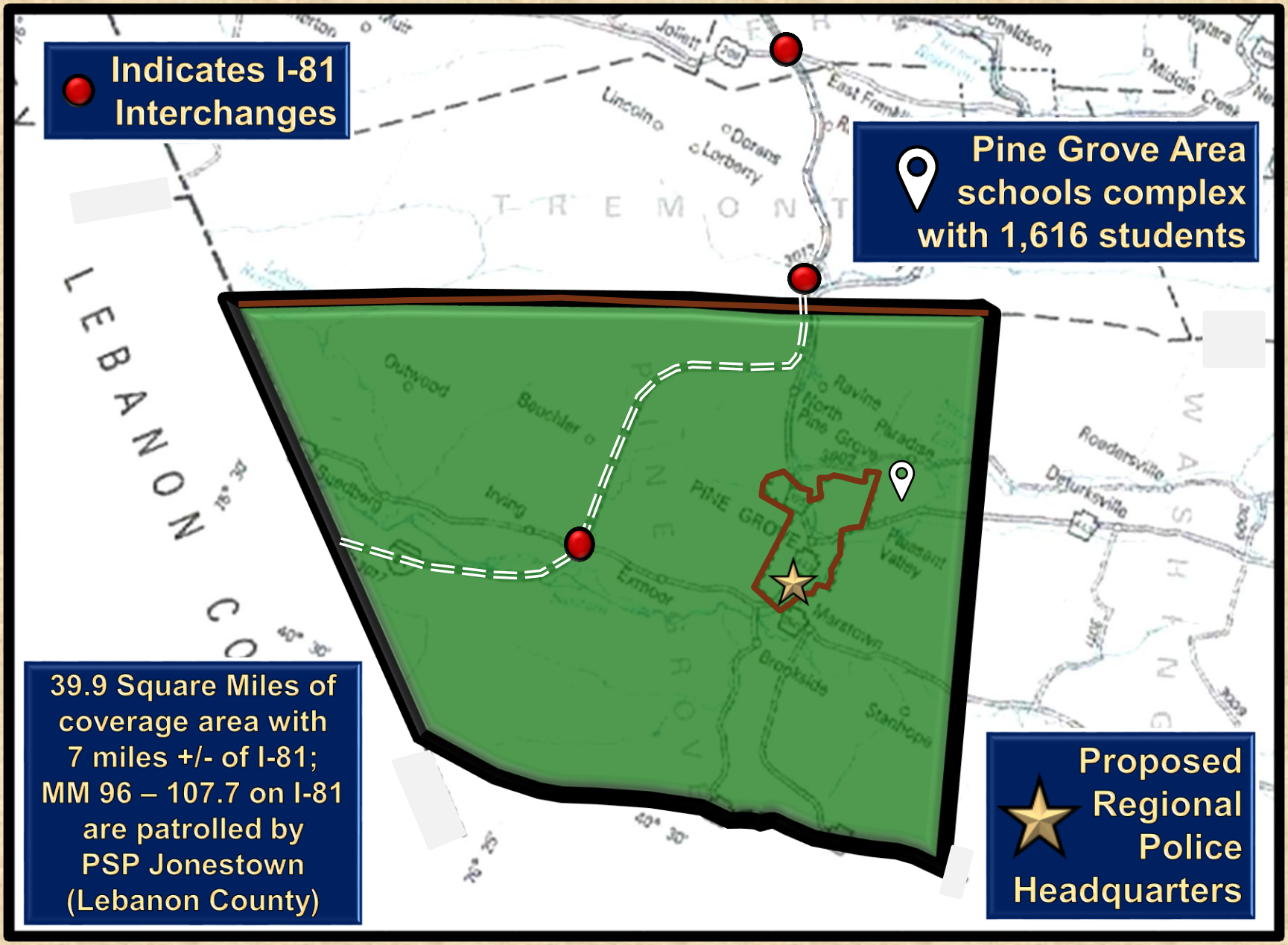
CATEGORY	Pine Grove Borough	Pine Grove Township	TOTALS
Population	2,186	4,123	6,309
% of Population	35%	65%	100%
Households	992	1,570	2,562
Population Density (Persons per Square Mile)	1,457	107	158.1
Square Miles	1.5	38.4	39.9
% of Square Miles	4%	96%	100%
Total Road Miles	12.55	75.46	88.01
Full-Time Officers	2	0	2
Part-Time Officers	6	0	6
Police Clerical Staff	0	0	0
Police Vehicles	3	0	3

 Indicates I-81 Interchanges

 Pine Grove Area schools complex with 1,616 students

39.9 Square Miles of coverage area with 7 miles +/- of I-81; MM 96 – 107.7 on I-81 are patrolled by PSP Jonestown (Lebanon County)

 Proposed Regional Police Headquarters



Proposed Police Staffing Levels

Based on the IACP Population Formula
(International Association of Chiefs of Police)

Category	Combined Totals
Population (2018 as provided by each municipality & U.S. Census)	6,309
Number of Estimated Incidents (@ 550 per 1,000 residents)	3,470
Time Spent (Multiply above by .75)	2,603
Buffer (Multiply above by 3)	7,809
Staffing (Divide above by 2920)	2.68
Available (Multiply above by 1.72)	4.61
PATROL OFFICERS Required	5
Detective	0
Sergeant	1
Chief of Police	1
Administrative / Clerical Personnel (Part-Time)	.5
TOTAL POLICE PERSONNEL Required	7.5
Total <i>Proposed</i> Staffing Levels	7
Sworn Full-Time Police Officers	7
Sworn Part-Time Police Officers	0
Civilian Clerical Personnel	.5
Total <i>Current</i> Staffing Levels (Pine Grove Borough)	5
Sworn Full-Time Police Officers	2
Sworn Part-Time Police Officers (6 = 3 Full-Time Equivalent)	3
Civilian Clerical Personnel	0



Regional
&
State
Comparisons

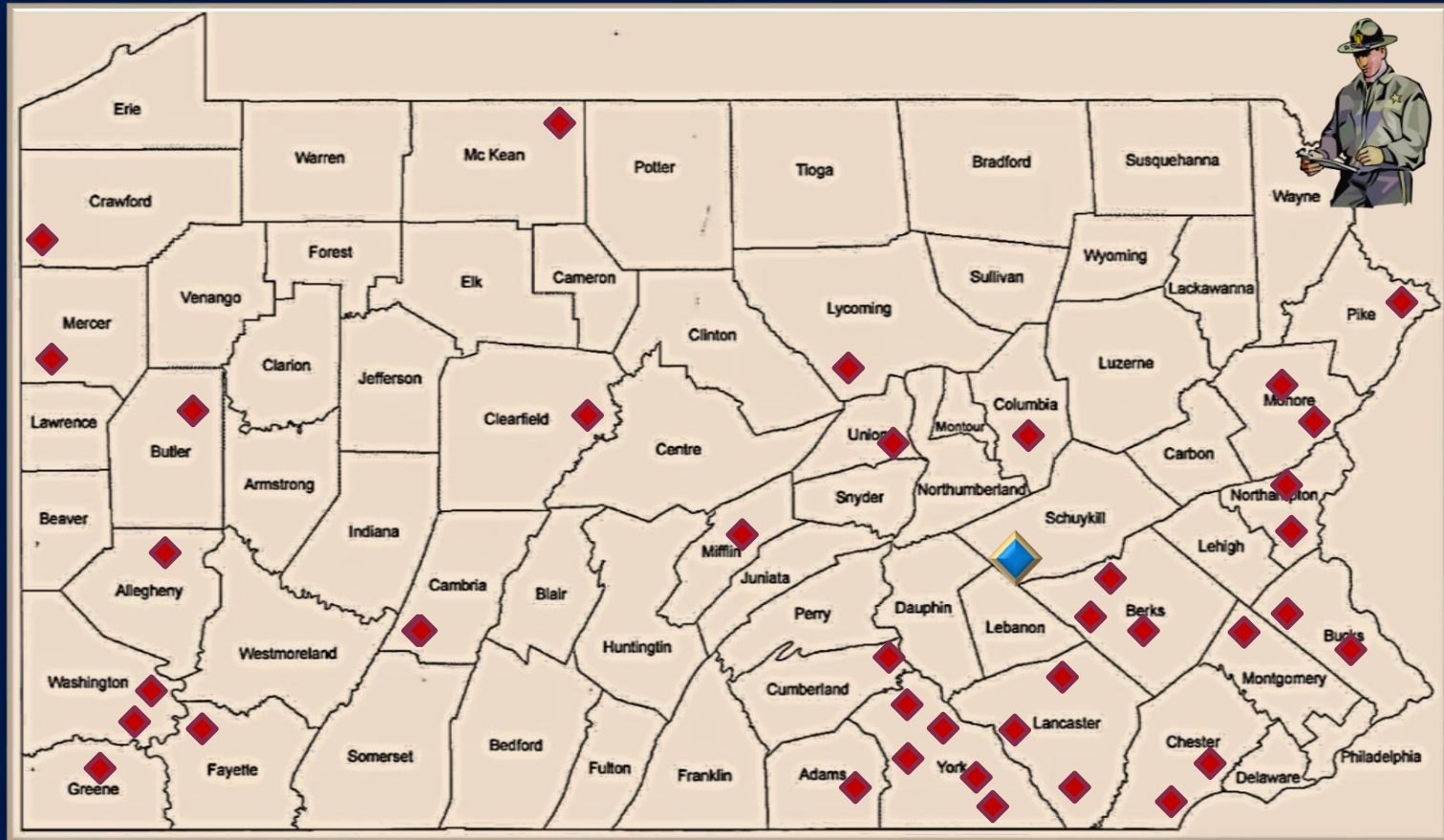
2018 Regional Police Department Comparison

Eight Current / One Proposed Regional P.D.'s with 4,000 – 8,000 Combined Population

PA Regional Police Department	Population	Municipalities	Total Officers	Square Miles	Officers per 1,000 Residents	Per Capita Cost
Charleroi Area (Washington)	7,754	4	13	3.2	1.7	\$131
Eastern Adams	7,665	2	8	10.3	1.0	\$107
West Shore (Cumberland)	7,623	2	11	3.3	1.4	\$289
Upper Perkiomen (Montgomery)	7,000	2	9	1.3	1.3	\$202
Tiadaghton Valley (Lycoming)	6,753	3	10.5	20.3	1.6	\$121
Pine Grove Regional	6,309	2	7	39.9	1.1	\$95
Seven Fields (Butler)	4,806	2	6.5	2.0	1.4	\$173
Eastern Pike	4,792	2	11.5	31.8	2.4	\$230
Western Berks	4,528	2	8.5	1.5	1.9	\$148
AVERAGE	6,359	2.5	9.5	12.6	1.5	\$166

PA municipal average is 2.3 officers per 1,000 & PA regional average is 1.1 officers per 1,000

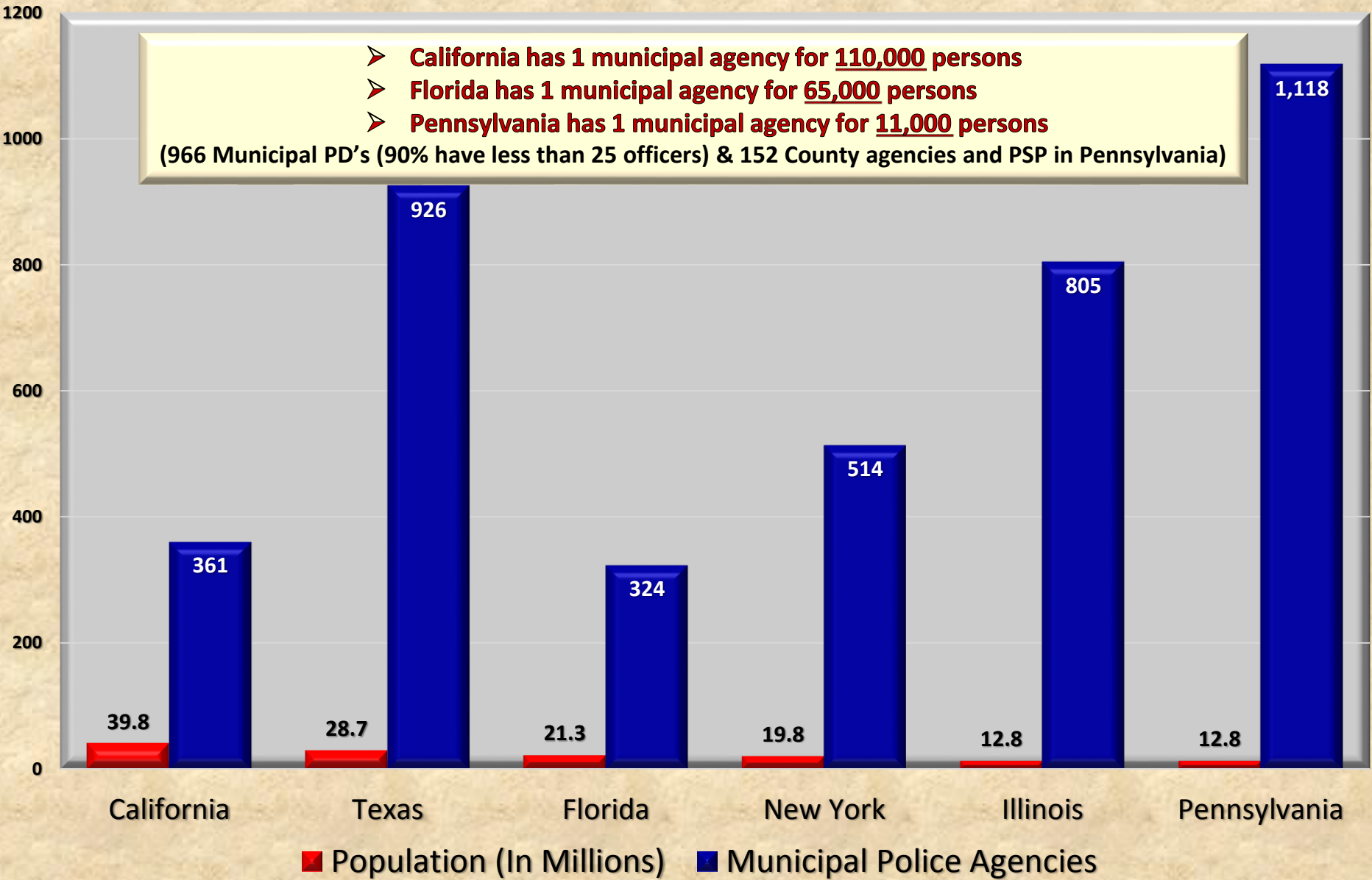
**36 Regional PD's in 23 Counties with 119 Municipalities;
201 more contract from other Police Departments**



**605 Full-Time & 120 Part-Time Officers
PA Regional Police average is 1.1 Officers per 1,000**

Six Largest States; Municipal Police Agency Comparisons

Sources: 2016 - 2017 FBI Uniform Crime Reports; 2016 Crime in Pennsylvania Report; 2016 U.S. Census Updates



Schuylkill County, Commonwealth of Pennsylvania
778 Square Miles
142,569 Population

➤ 68 Municipalities (County and 67 Local)

- 43 Local PD's (23 are FT with 93 Officers; 20 others are only PT)
- 44 Police Departments (one P.D. for every 3,240 persons)
- State Police cover 24 Full-Time & 20 Part-Time

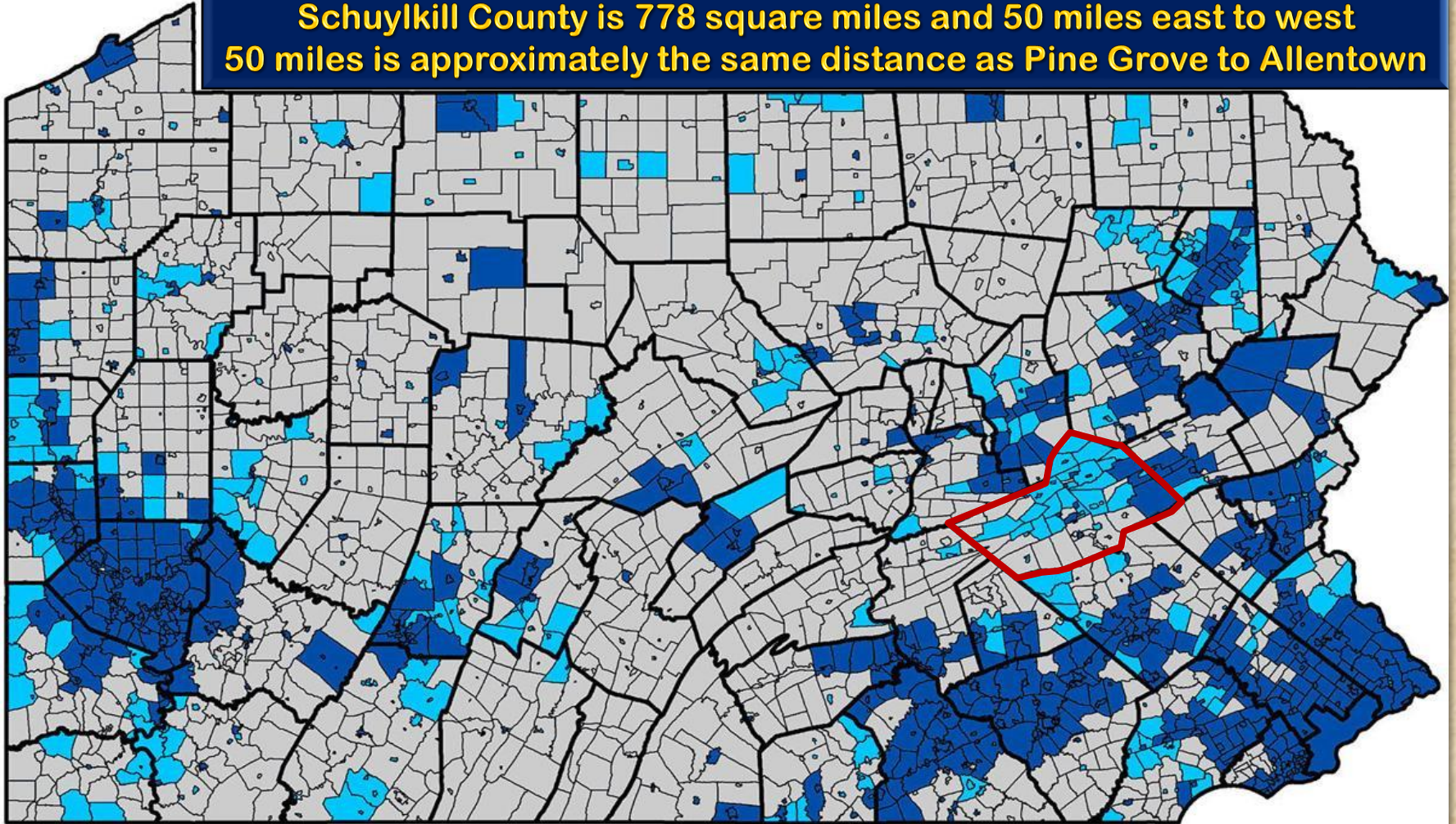
Stafford County, Commonwealth of Virginia
268 Square Miles
146,649 Population

➤ 1 Municipality (County Only)

- Stafford County SD – 173 Deputies & 67 Civilian Employees
- 1 Sheriff's Department for all 146,649 persons

**State Police cover 85% of all land & 22% of population
Municipal Police cover 15% of land & 78% of population**

**Schuylkill County is 778 square miles and 50 miles east to west
50 miles is approximately the same distance as Pine Grove to Allentown**



Full-time Pennsylvania
State Police

Part-time state
police/local police

Full-time local police

Regional
Police Budget
& Cost Sharing

2019 Proposed P.D. Budget - Personnel Costs

Salary of Police Chief (\$8,000 over Sergeant salary)	\$61,000
Salary of Sergeant (\$8,000 over top Officer salary)	\$53,000
Salary of Patrol Officers (1 Current Officer @ \$45,000 & 4 New @ \$41,000 each)	\$209,000
Salary of Part-Time Clerk (1 @ \$15,000; 20 Hours per Week @ \$15/Hour)	\$15,000
Overtime (1 Sergeant & 5 Officers @ \$2,000 average)	\$12,000
Total SALARY Costs	\$350,000
Benefits (Includes all below items for 7 sworn officers @ 35% per person)	\$122,500
• Medical Insurance	Included
• Social Security	Included
• Life Insurance	Included
• Liability Insurance	Included
• Workers Comp Insurance	Included
• Municipal Pension Contributions	Included
PERSONNEL COST TOTALS (78% of Proposed Budget)	\$472,500

Police Executive Research Forum

Washington, D.C.

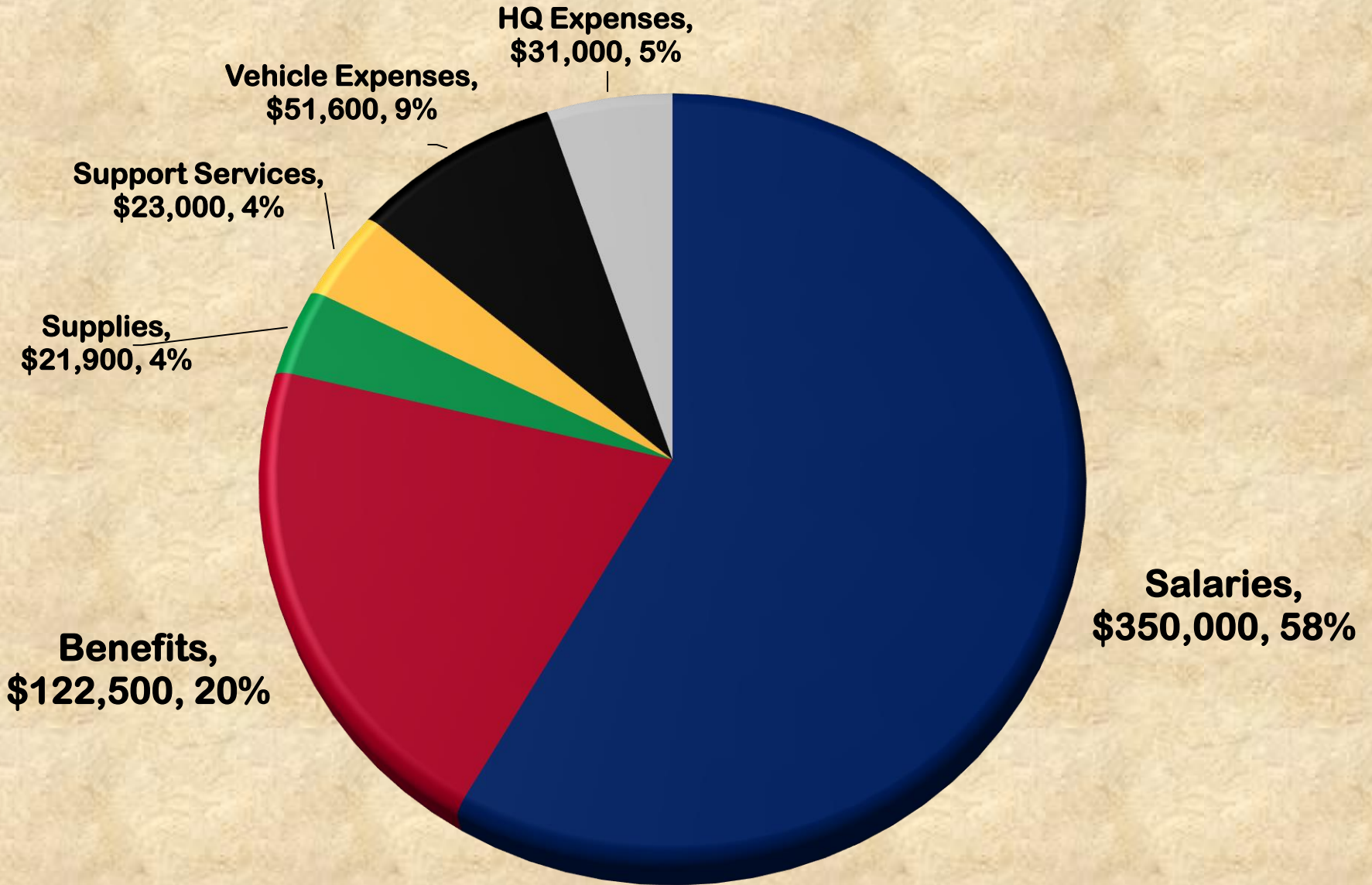
Police Personnel Cost Survey

- PERF conducted a budget survey of 297 various sized Police Departments throughout the U.S.
- On average, it found that those police department's spent 85% of their annual budgets on personnel costs.
- The range of these percentages was from 61% to 98.5%.
- The proposed Pine Grove Regional P.D.'s personnel costs are 78%, or 7% under the national survey average.

2019 Proposed P.D. Budget; Non-Personnel Costs

Uniforms & Related Equipment (7 @ \$1200 each)	8,400
Office Supplies & Equipment	5,000
Education & Training (7 @ \$500 each)	3,500
Dues, Memberships & Legal Publications	1,500
Computers, Software Updates, Data Services	3,000
Police Equipment (New Purchases, Maintenance and Repairs)	5,000
Vehicle Maintenance & Repairs (4 Vehicles @ \$2,000 each / average)	8,000
Vehicle Gas & Oil (4 Vehicles @ \$4,000 each / average)	16,000
Vehicle / Property Insurance	10,000
Utilities & Building Maintenance	5,000
Crime Prevention & Public Relations Programs	1,500
Capital Vehicle Expenses (\$22,600 – See Breakdown Below)	----
• 2 Current & 2 Proposed New Vehicles (Financed @ \$325/month each)	15,600
• Vehicle Painting, Decaling & Equipment – 2 Current Vehicles @ \$2,000 each	4,000
• Miscellaneous New Vehicle Equipment (4th Vehicle)	3,000
Miscellaneous Expenses (Computer Software, Data Services, Duty Ammo, etc.)	2,000
Telephones & Related Service Expenses (Includes Postage)	1,000
Headquarters Expenses (\$1,200 Month for Rent/Lease & \$5,600 for Furniture, Signs, etc.)	20,000
Legal Services	7,500
Accounting, Financial Services & Software (Payroll, Accounts, etc.)	7,500
NON-PERSONNEL COST TOTALS (22% of Proposed Budget)	\$127,500

Budget Breakdown by Category



Proposed Cost Distribution by Population

\$600,000 Proposed Police Budget

Municipality	Total Population	% of Population	Total by Population (Without Grants)	Per Capita Cost
Pine Grove Borough	2,186	35%	\$210,000	\$96.06 (\$162 Now)
Pine Grove Township	4,123	65%	\$390,000	\$94.60
TOTAL	6,309	100%	\$600,000	\$95.10 (Average)

\$95.10 Annual Per Capita Cost = .26 per Day

Household & Per Capita Costs

2019 Household Costs



Total Police Budget = \$600,000

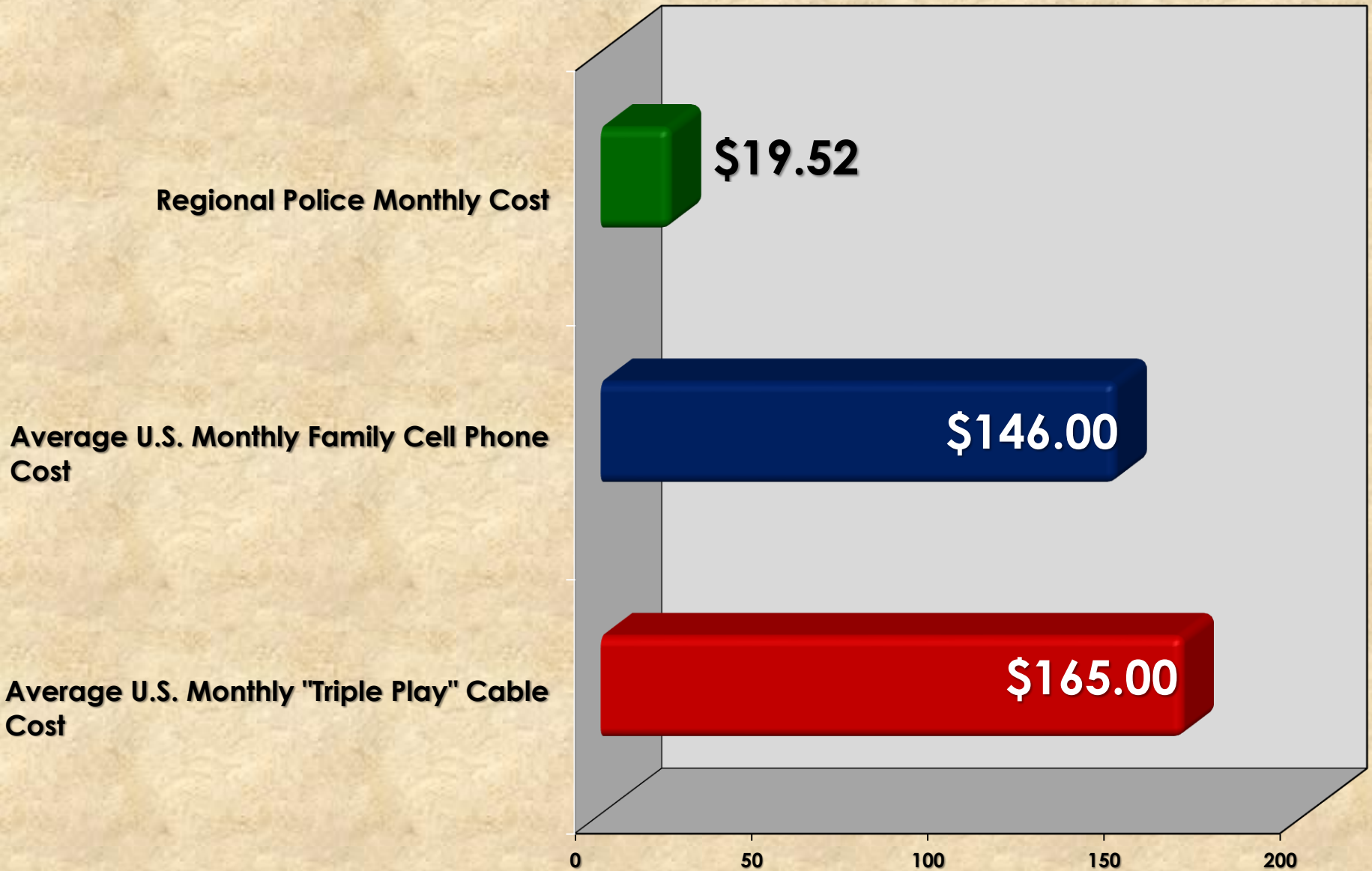
Number of Households = 2,562

Average Annual Household Cost = \$234.19

Average Monthly Household Cost = \$19.52

Average Daily Household Cost = .65

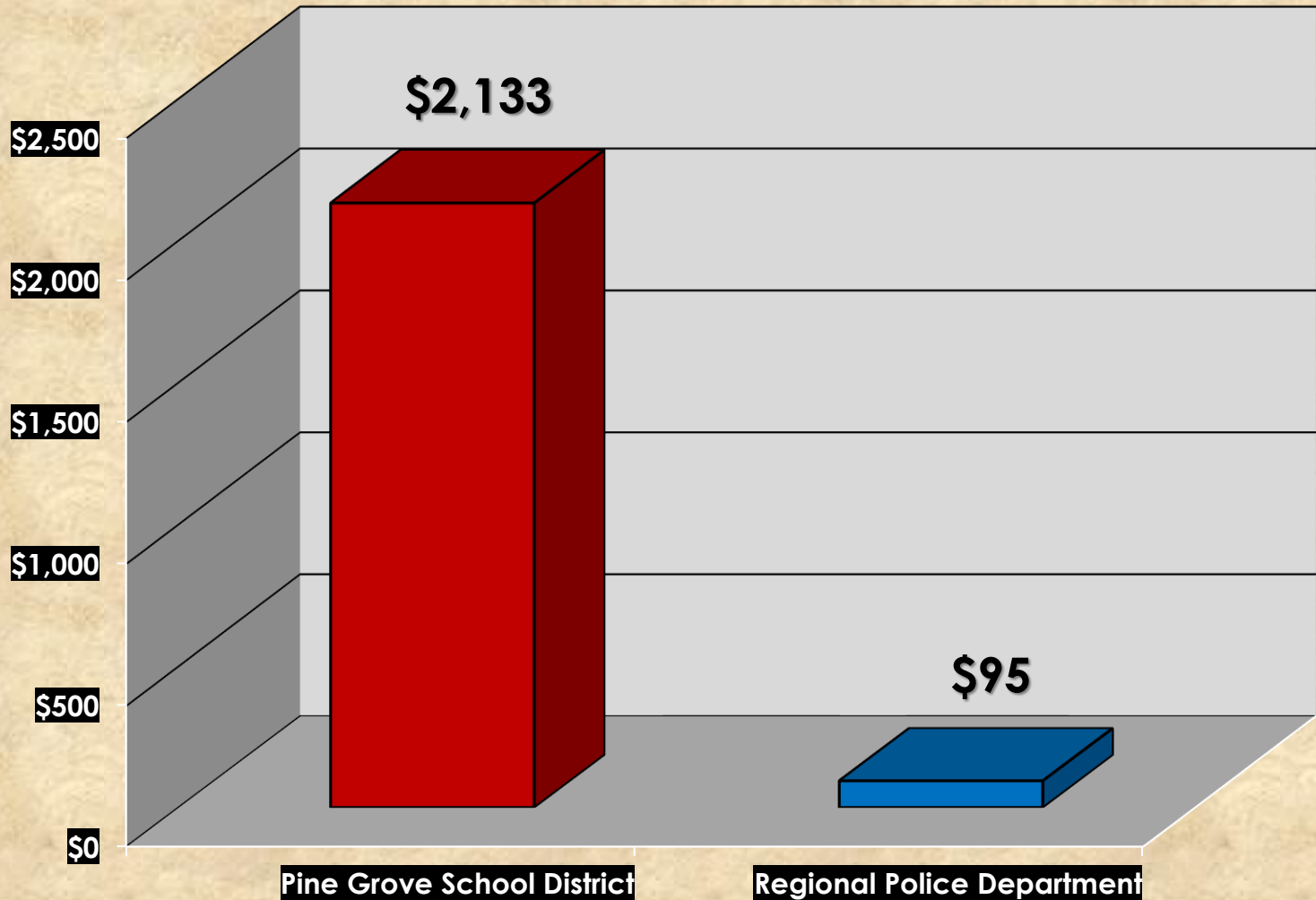
Monthly Household Cost Comparison



Annual Per Capita Cost Comparison

\$24,072,527 Pine Grove School District Budget - Population 11,284

\$600,000 Regional Police Budget - Population 6,309



PENNSYLVANIA HOUSE BILL 959

2019–2020 Legislative Session (Rep. Michael Sturla, Lancaster County & 41 Co-Sponsors)

UPDATE ON THE BILL - House Bill 959 would require municipalities to pay a fee if the Pennsylvania State Police (PSP) provides their local municipal police patrol services. Over 28 percent of Pennsylvania's population receives either a portion or all of their local police patrol coverage from the PSP for free while the rest of the state pays for both their own local police force and PSP services. In essence, 9.4 million persons are subsidizing free police protection for 3.4 million persons. In 2016, PSP received \$802 million from the PennDot Motor License Fund, but that fund is now being capped to ensure that the money goes to its originally intended purpose of road and bridge maintenance. Without this action, the General Fund could become a target source for replacing the funding lost as a result of the cap. The PSP and Legislative Budget and Finance Committee estimate the state-wide per capita cost of providing policing services is \$234. The fee proposed in this bill would offer these municipalities a bargain while also protecting the General Fund and providing a dedicated funding source for PSP to continue its local patrol services to municipalities. In 2027, the Motor License Fund cap reduction ends and will remain at \$500 million. Thus, there will be no further increase in fees for PSP patrol services under House Bill 959. The fee would generate over \$2 billion over an 11-year period by 2029 for PSP operations.

Pine Grove Township (PGT) & Pine Grove Borough (PGB) projected fees for Full-time and/or Part-time PSP coverage under PA House Bill 959

(Based on the current township population of 4,123 and the current borough population of 2,186)

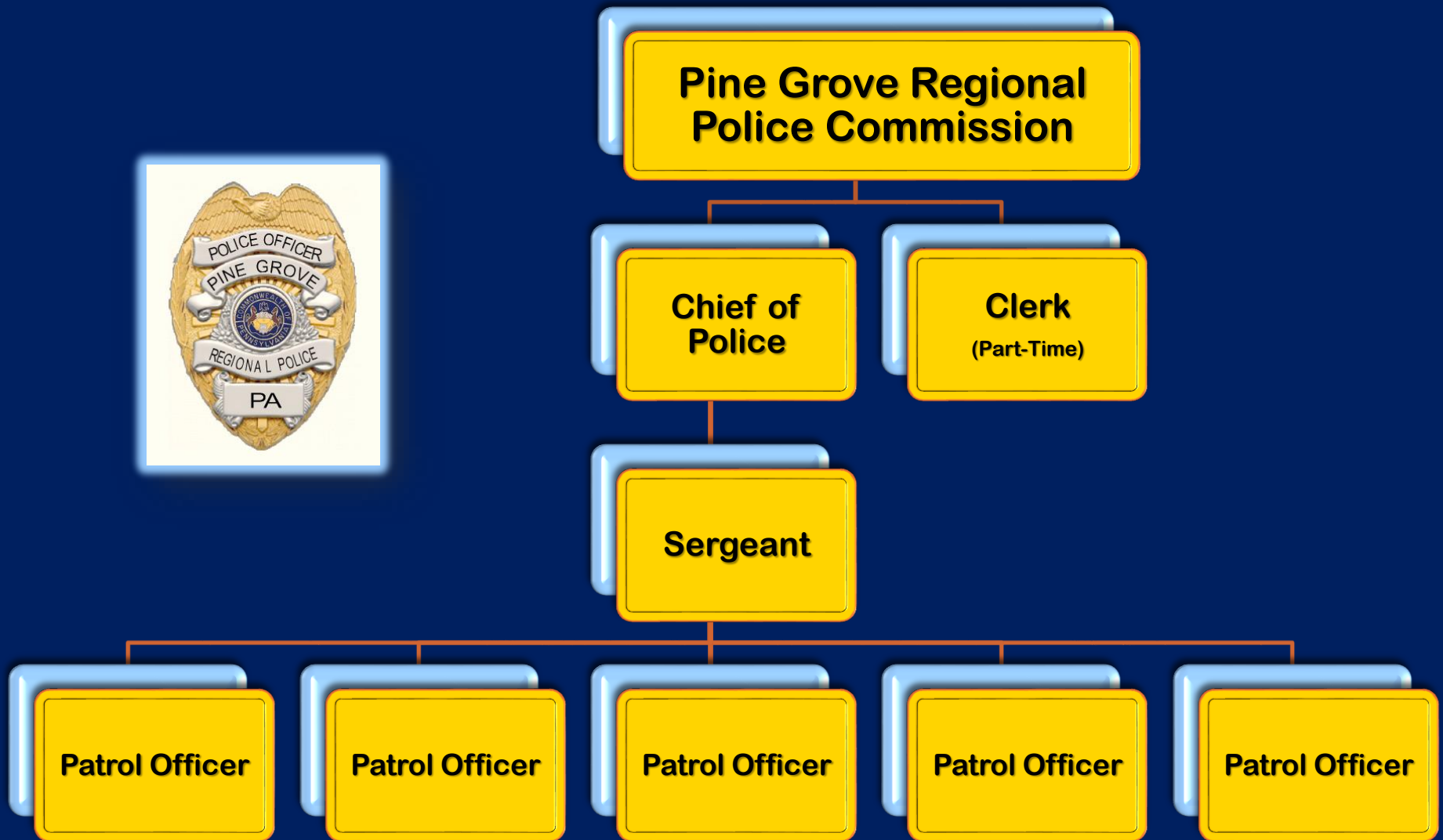
Year	PGT Full-Time Fee Per Person	PGT Total Fee	PGB Part-Time Fee Per Person	PGB Total Fee
2020	\$23.38	\$95,777	\$7.79	\$17,028
2021	\$35.07	\$144,594	\$11.69	\$25,554
2022	\$46.76	\$192,791	\$15.59	\$34,079
2023	\$58.45	\$240,989	\$19.48	\$42,583
2024	\$70.14	\$289,187	\$23.38	\$51,108
2025	\$81.83	\$337,385	\$27.28	\$59,634

Note – The fees continue to increase to a maximum of \$36.66 per person for part-time (for PGB) and \$109.99 per person for full-time (for PGT) in 2028

Organization,
Vehicles
& Facility
Recommendations

Pine Grove Regional Police Organizational Chart

7 Full-Time Officers & 1 Part-Time Clerk



Police Vehicles Recommended

Current Pine Grove Borough Ratio = 1.7 Officers per Vehicle
Proposed Pine Grove Regional Ratio = 1.8 Officers per Vehicle
IACP recommendation is between 1.5 and 2.0



Marked Vehicles		Unmarked Vehicles	
Patrol (Cars & SUV's)	3	Administration	0
Auxiliary / Traffic	1	Auxiliary / Traffic	0
Spare	0	Detective Unit	0
Total	4	Total	0

Current Total = 3 / Proposed Total = 4

Regional Police Headquarters (Option # 1)

115 Mifflin Street, Pine Grove PA (1,800 +/- sf needed for Police HQ)



115 Mifflin Street, Pine Grove PA



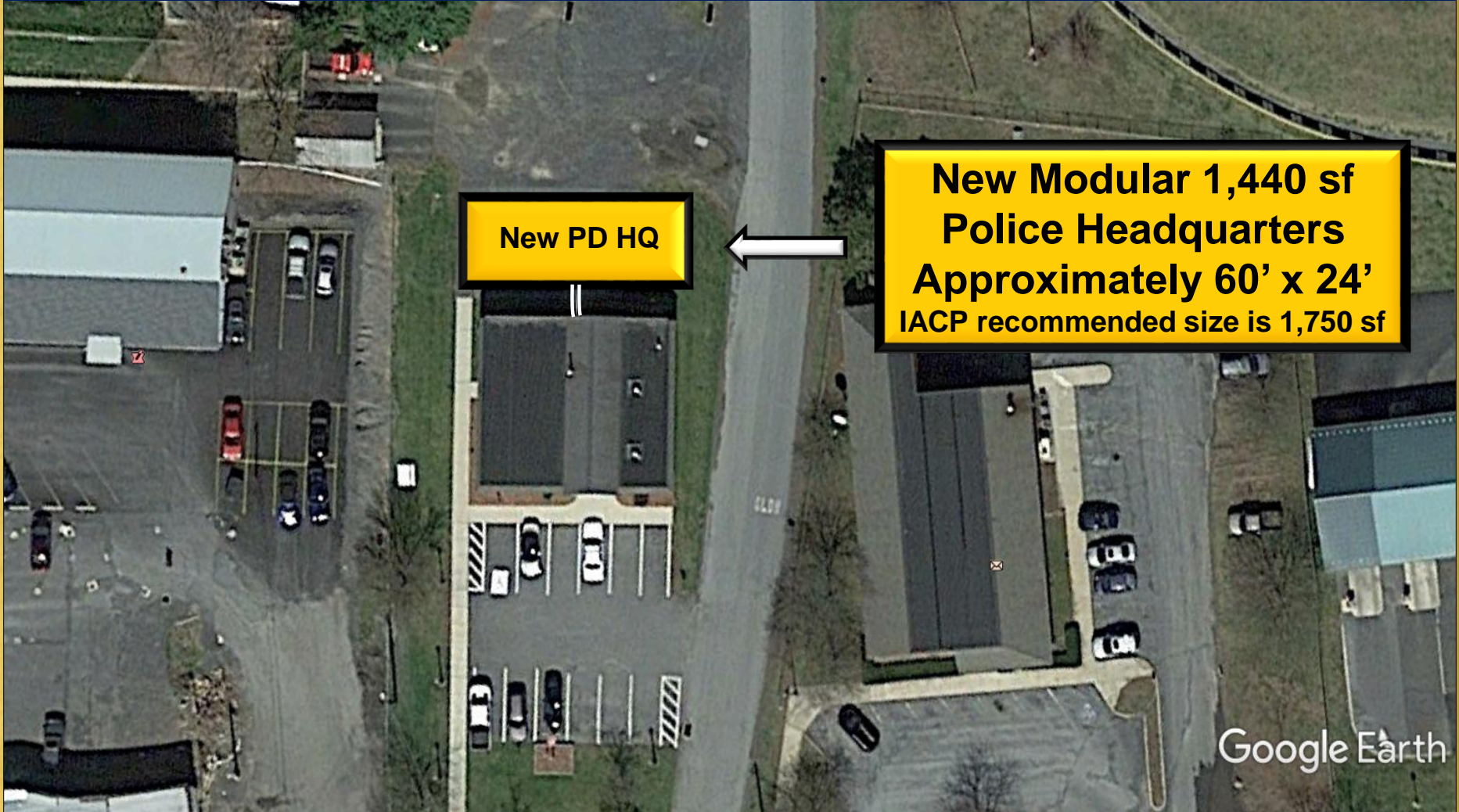


© 2018 Google
© 2018 Google

Google Earth

Regional Police Headquarters (Option # 2)

Behind the Pine Grove Borough Municipal Building



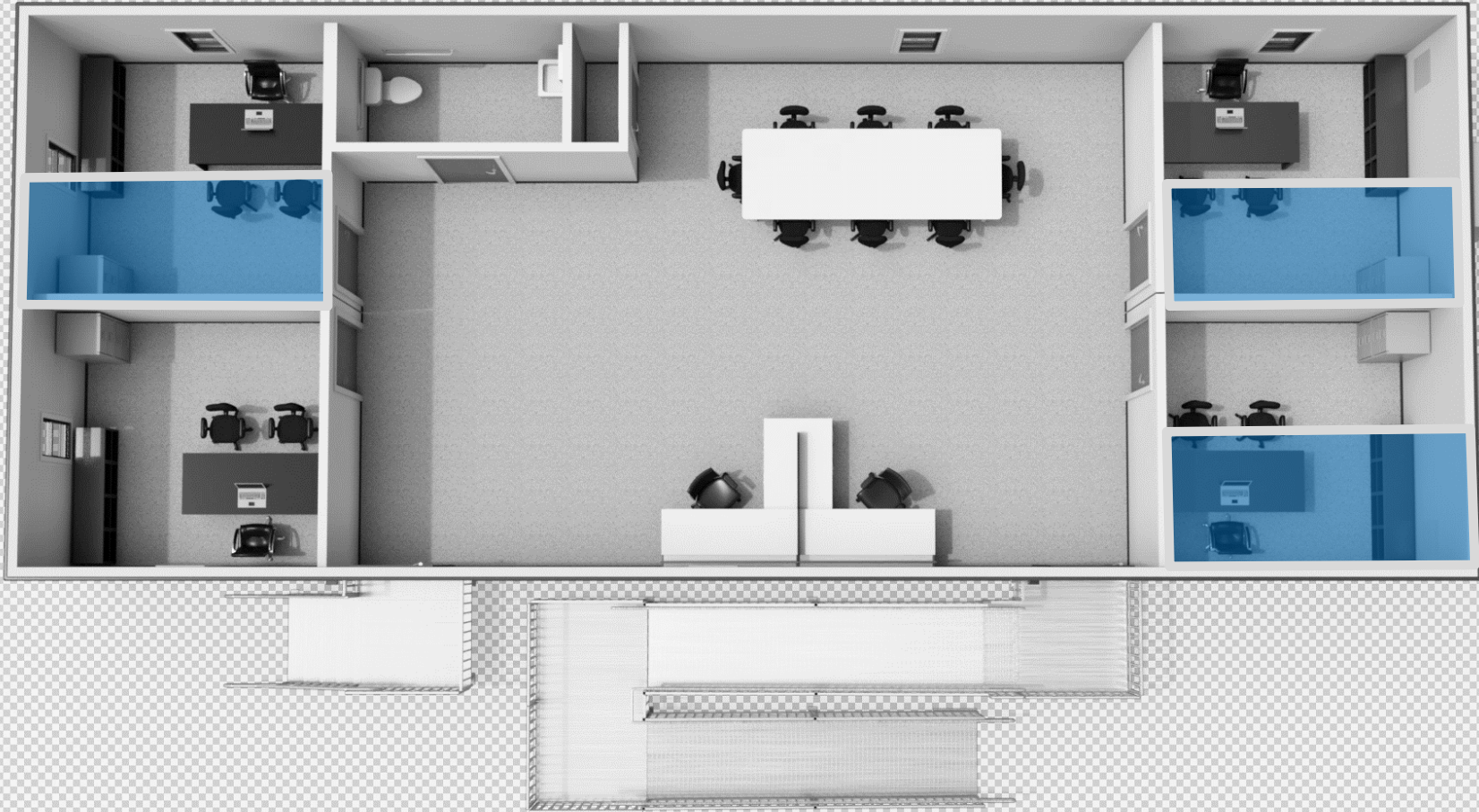
New PD HQ

New Modular 1,440 sf
Police Headquarters
Approximately 60' x 24'
IACP recommended size is 1,750 sf



Proposed 60' x 24' Modular Police Facility (1,440 sf)

Sample Floorplan for 60' x 24' Police Facility (1,440 sf)



Rooms Should Include:

**12' x 12' Chief's Office, 6' x 12' Locker Room, 6' x 12' Interview Room,
6' x 12' Secure Holding Room, 6' x 12' Evidence Room,
Sergeant / Officer's Workstations, File Storage Area, Clerical / Reception Area**

Other Regional
Police Department
Cost Savings &
Grants

Pine Grove Projected Future Cost Savings

Equipment Budget Item	Less Amount
• Vehicle Equipment (Only needed once for 4 th new vehicle)	-\$3,000
• Equipment & Decaling for two retained vehicles (1x only)	-\$4,000
• Building Set-up Costs, New Signs, Furniture, etc.	-\$5,000
• Uniforms (\$1,200 down to \$700 per officer after 1 st year)	-\$3,500
• Projected Budget Reduction After 1st Year Start-Up Costs	-\$15,500

Possible Grants for the Pine Grove Regional Police Department

- PA DCED Grant for start-up costs – *Available for Regional P.D.'s Only*
- PA C & D Grant for Police Chief's salary – *Available for Regional P.D.'s Only*
- Various Federal and/or State Grants (Body Cameras, Technology, Vests, etc.)
- PA State Gaming Revenue Grants and/or PA Liquor Control Board Grants
- Private or Corporate Grants (Insurance Companies, MADD, SADD, etc.)
- PA Department of Education School Grants (SRO Grant, SADD, etc.)



Slate Belt Regional Police Department, Northampton County, PA

Established March, 2015 for Pen Argyl Borough, Wind Gap Borough & Plainfield Township

Total Population 12,453 with 21 Full-Time Officers

- DCED (via IACP Formula) estimated the annual incidents to be 6,849
- In 2016, the actual reported incidents were 6,691 (158 below DCED estimate)
- For 2015, DCED estimated the Cost per Officer to be \$107,700
- For 2017, the actual Cost per Officer was \$114,285 (+ 6% over 3 years)
- From 2016 thru 2019, the total PD budget has increased only 3.35%
- From 2015 thru 2018, the total grant amounts received is over \$380,000

Polaris 900 ATV presented to the Slate Belt Regional PD in October, 2018 with a gaming grant from Monroe County. Cost is approximately \$25,000.



Southern Chester County Regional Police Department

20 Full-Time Officers & 2 Clerical Staff

Population 14,895

Established January, 2017

West Grove Borough & New Garden Township

- DCED (via IACP Formula) estimated the incidents at 8,192
- In 2017, the actual incidents were 8,472 (280 above DCED estimate)
- DCED estimated Cost per Officer at \$152,000
- In 2017, actual Cost per Officer was only \$127,000 (-\$25,000)
- In 2017, the grant amounts received were \$138,261

Central Bucks Regional Police Department

Budget & Grants for 2017 & 2018

2017 Approved Budget = \$5,370,313

2017 Budget Used = \$5,208,420 (Under by 3%)



- Federal: U.S. Dept. of Justice - for Officer's Body Cameras
- State: Pennsylvania DCED - for Municipal Police Assistance and Regionalization Costs
- State: PA Commission on Crime & Delinquency - for the Police Chief's Salary and Benefits (3 years)
- State: PA Liquor Control Board - for Underage and Dangerous Drinking Enforcement
- Local: Delaware Valley Insurance Trust - for various Officer Safety equipment items

Summary of the Proposed Pine Grove Area Regional Police Department



7 Full-Time Officers Including:

- 1 Chief of Police
 - 1 Sergeant
 - 5 Patrol Officers
 - 1 Part-Time Clerk
-
- New centrally located Regional Police Headquarters
 - ***24-hour minimum coverage by 1-2 Patrol Officers***
 - Full patrol coverage for all 39.9 square miles
 - ***Greatly increased response time to all calls for service***
 - 4 Police Vehicles (2 newly purchased SUV's proposed)
 - Standardized Uniforms, Cars, Equipment & Policies
 - Eligibility for various Federal and State Grants
 - ***Daily per Capita Cost of only .26 per person***

The Governor's Center for Local Government Services, and the project consultant, Chief Joseph L. Kirschner (Ret.), would like to thank the government and police officials from the participating municipalities for their excellent cooperation and assistance in the timely completion of this regional police study.



The Governor's Center for Local Government Services

Mr. Richard P. Vilello, Jr., Deputy Secretary
Community Affairs and Development

C. Kim Bracey, Executive Director
Governor's Center for Local Government Services

Mr. Sean Sanderson, Local Government Policy Manager

Chief Joseph L. Kirschner (Ret.), Police Consultant