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COMMITTEE REPORT
SENATE

FURTHER:

Date: _____

Mr. President:

The Committee on _____ has had _____

under consideration and (a majority of the committee) (the committee) reports it back with the following recommendations:

- do pass do not pass
- do pass with attached amendments(s)
- replace with CS for _____ same title
 new title
- and recommends _____
- AND attaches a "Letter of Intent" New Fiscal Note
- reports it back without recommendation
- referred to the _____ Committee

MEMBERS SIGNING
DO PASS

MEMBERS HAVING
OTHER RECOMMENDATIONS:

Josephson

CHAIRMAN

Alaska State Legislature

OFFICIAL BUSINESS

CHAIRMAN
RULES COMMITTEE



Senate

JAN FAIKS
POUCH V
CAPITOL BUILDING
JUNEAU, ALASKA 99811

January 30, 1984

MEMORANDUM

TO: Senator Bill Ray
Chair, Senate Judiciary Committee

FROM: Senator Jan Faiks

SUBJECT: Senate Bill 381-An Act making appropriations for a statewide crime lab facility in Anchorage; and providing for an effective date

Senate Bill 381 has been referred to the Senate Judiciary Committee. I would very much appreciate a hearing for the bill as soon as your schedule permits.

As I'm sure you recall, similar legislation was introduced last year and passed both Houses. However, the fiscal note was adjusted downward by the Senate Finance Committee to appropriate money only for design of the crime lab rather than planning and construction money. The bill was signed by the Governor on June 23, 1983 and is 28 SLA 83.

Site survey and soils testing has been completed by DOT/PF. The Department believes that construction could begin in the Spring of 1984 if money is appropriated for that purpose.

The State of Alaska is the only state with no crime lab. Historically the State has depended upon the FBI to perform tests on all its evidence to be used in a criminal trial. Federal budgetary restrictions and a 1980 General Accounting Office report charging the Bureau's policy of free laboratory services inhibits the growth of statewide crime labs raises the question of how long these services of the FBI will continue to be provided.

In the FY ending September 30, 1983 FBI laboratory examiners traveled to Alaska 50 times. A "testimony trip to Alaska is a 5 day affair for the FBI and salaries, per diem, and air fare alone cost the FBI \$2362 per trip. This is exclusive of overhead costs to the FBI.

I believe that Alaska should have its own crime lab for basic tests and rely on the FBI laboratory only for examinations which involve more sophisticated, expensive, and unusual equipment needs and areas of expertise.

The FBI operates an expansive training program for state and local forensic science personnel on a no-cost basis at their lab in Quantico, Virginia. They have indicated that prospective attendees from Alaska will go to the head of the list for positions in those training classes.

House Bill 487, sponsored by Representative Furnace is currently in House Judiciary and is scheduled for hearings this week. It has an additional referral to Finance. Agents from the FBI have indicated a desire to come to Alaska to testify on these bills and would like to do so when both bills are in their respective Finance Committees.

If you or your staff have any questions, please give me a call. I have quite a bit of information that you may like to have for your committee members.

Thank you.

DEPARTMENT OF PUBLIC SAFETY

POSITION PAPER - SB 381

Support

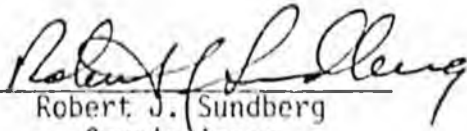
January 26, 1984

Passage of this bill will result in an increase in the number and quality of arrests and convictions in felony cases statewide. Construction of this Capital Project will mark a major shift in direction for the State Troopers from a limited service Crime Lab to a full service professional Forensic Laboratory designated to serve all law enforcement agencies statewide. This project will consist of 17,000 square feet of space for testing and analysis, and equipment to establish a full-service Statewide Crime Laboratory.

Within the last decade a series of Supreme Court decisions relative to search and seizure, interrogation and confessions has had the effect of limiting the scope of permissible investigative activities by law enforcement agencies. This situation, in turn, has resulted in the increased attention to the use of physical evidence in criminal investigations, and the subsequent development of crime laboratories to analyze this evidence throughout the nation.

The application of the technologies and techniques of the natural and physical sciences to items of evidence found at a crime scene is an increasing part of modern investigations and courtroom trials. The expectation that these sciences are devoid of prejudice makes the results of crime laboratory tests and analyses an often critical part of judicial proceedings. It also confers upon crime laboratories the responsibility for the highest degree of professionalism in their work. The availability of physical facilities is the essential first step in making these services available to Alaska's state & local law enforcement agencies. All services performed will be at no cost to the Troopers and the 25 or so local departments thru out the state.

Beyond establishing drug identification and fingerprint comparisons within the existing limited Laboratory, Alaska has no crime laboratory with the broad capabilities needed to analyze clothing from a rape, compare shell casings to bullets found at a homicide, analyze carbon residue from a suspected arson fire for traces of accelerants, compare blood characteristics of blood on an assault victim to the blood of a suspect, compare pry marks on a window casing with a tire iron found in possession of a suspect, and the many additional tests required for modern, effective law enforcement investigations. The existing "crime lab" is located in crowded quarters in the basement of the State Troopers headquarters building in Anchorage.



Robert J. Sundberg
Commissioner

Lack of additional personnel and physical limitations prevent its expansion. Alaska is the only state that does not yet have a full service lab to assist its local, as well as state, law enforcement agencies.

The greatest reason to develop a full service Crime Lab in Alaska is the increasingly longer time required to receive results of tests now routinely being sent to the FBI laboratory in Washington, D.C. The time required for laboratory tests of a routine nature from the FBI now require from four to six months. The reasons for this situation are a general budget tightening among federal agencies and an ever increasing number of requests nationwide for tests by the FBI laboratory. The problem of long turn-around sometimes conflicts with the Alaska Supreme Court Rule, which requires that the trial begin within 120 days following arrest, barring any delays by the judge as may be requested by either side. This problem is expected to increase in the future. Increasing turn-around time is also occurring with the very limited capabilities of the existing Trooper Laboratory. Currently the average time required for test results is several weeks for just drug-related tests. No room for expansion within current facilities is available or practical.

During the 1983 Legislative session the legislative appropriated \$402.0 to cover the Design & Engineering costs of this project (Chapter 28, SLA 83). This stage of the project has proceeded on schedule and current cost estimates by the architects have confirmed our original estimate of \$5,603.0.

An extensive study was made during FY'82 and FY'83 concerning the needs for a Statewide Crime Laboratory by the Department of Public Safety personnel. This study is too exhaustive to be made part of this bill analysis, however, copies may be obtained by contacting Colonel Michael C. Kolivosky, Division of Alaska State Troopers, P.O. Box 6188 Annex, Anchorage, AK 99502 (269-5646), or thru the Commissioner's office in Juneau.

THE DEVELOPMENT of a CRIME LABORATORY in ALASKA*

During the 1983 Legislative Session, \$402,000 was authorized for the architectural and engineering aspects of a modern crime laboratory to analyze evidence found at the scene of a crime. To be located adjacent to the existing Trooper headquarters in Anchorage and managed by them, the proposed 17,000 square foot facility would provide tests and analyses of crime scene evidence to all law enforcement agencies in Alaska, at no cost to those agencies.

The contract has been signed with an Anchorage Architectural and Engineering firm. Site survey and soils testing has been completed by the Department of Transportation and Public Facilities. Progress has been so rapid that the Department of Transportation believes construction could begin in the Spring of 1984, if construction funds can be made available. Nationwide advertising for a Professional Laboratory Director has been completed and the successful applicant will be hired in early 1984. An appropriations bill (HB-487) has been prefiled by Representative Walt Furnace (D) Anchorage for introduction in the 1984 session of the Legislature for funding of the construction and first years operating cost of \$5.842 million.

* * * * *

Within the last decade or so, a series of Supreme Court decisions relative to search and seizure, interrogation, and confessions have had the effect of limiting the scope of permissible investigative activities by law enforcement agencies nationwide. This situation has resulted in the increased analysis of physical evidence by crime laboratories and subsequent use of test results in courtroom trials, which often becomes a crucial part of judicial proceedings.

The analyses and tests performed upon crime scene evidence assists both the investigator and the prosecutor in their efforts to reconstruct and explain the crime, the crime scene and information about the possible offender. The results of crime lab tests provide facts contributing to the exoneration of the innocent and the establishment of proof of the guilty.

* This paper summarizes the more extensive report issued by the Department of Public Safety in September 1982 entitled "The Development of a Full Service Forensic Laboratory for Law Enforcement in Alaska". Copies are available upon request thru the Director, Alaska State Troopers, Anchorage.

The modern lab requires highly skilled scientists and technicians who use costly materials and sophisticated instrumentation in an expensive environment, for there can be no compromise in the quality of the work they perform.

A modern, fully equipped Crime Lab presents a wide array of expertise.

Some of these are:

- * Toxicology: A Toxicologist detects and identifies the presence of drugs or poisons in body tissues, fluids and organs. These tests are used in determining the presence and extent of alcohol that may have contributed to a death, as one example.
- * Firearms and Tool Marks Examination: The Examiner can match a spent bullet to the gun that fired it by examination of the microscopic markings on the bullet caused by the irregularities on the inner surface of the gun barrel, among other capabilities. As a Tool Marks Specialist, he can identify the tire iron or other implement found in the suspect's car as the one that did or did not pry open the window or door of the victim's home by using a microscope to compare and match the nicks on the blade of the tire iron to the impressions left in the window sill.
- * Forensic Serology: The Forensic Serologist, through analyses of body fluids found at the crime scene, can limit the population group of the assailant to those within certain blood groups, thus eliminating persons with other blood groups and characteristics as suspects in a given crime.
- * Questioned Documents Examination: The Questioned Documents Examiner can ascertain the source or authenticity of a document through the many characteristics of an individual's handwriting, as well as through the variations in typewriter letters as a function of the use and wear to the machine's moving parts, and through the analyses of inks and different types of paper.
- * Forensic Chemistry: The Forensic Chemist tests and analyzes unknown substances. By testing substances thought to be illegal drugs, he can determine the type drug, its relative purity and the substances that may be mixed with the drug. He can also identify small amounts of accelerants from a suspected arson fire by testing charred and burned materials found at the fire, as well as other tasks requiring chemical analysis.

- * Trace Evidence Examination: The Trace Evidence Examiner can narrow the origin of minute bits of evidence such as human hair and fibers, that are exchanged during a fight or rape, to a group that includes (or excludes) the suspect. The paint chips and broken headlights of a hit and run fatality may be analyzed to determine if they match the paint and headlight of the suspects car.
- * Fingerprint Examination: The Fingerprint Examiner can compare fingerprints found on a gun or some other surface to those of the suspect based upon the matching of the characteristics of the fingerprint ridges that are unique to each individual. (The Automated Fingerprint Identification System, funded during the 1982 session of the legislature, is now being developed and installed).

It is the use of carefully gathered evidence, analyzed by the latest methodologies of the physical and natural sciences that builds both a strong case against the guilty, while eliminating other persons as suspects.

Unfortunately, state and local law enforcement agencies in Alaska do not have such a laboratory. In fact, Alaska is the only state without a crime lab. The rudimentary facilities in the Alaska State Troopers building in Anchorage are limited by space, personnel and budget to only narcotics testing, fingerprint comparisons and some crime photography.

Historically Alaska has depended upon the FBI lab to perform criminalistics tests and has done so to a greater degree than any other state. While this dependence upon the FBI has worked reasonably well in the past, the FBI has recently suffered budget cuts as part of the general decrease in federal government services. As a result, some test results may not be received for up to six months. Since the Speedy Trial Rule in Alaska requires trial within 120 days of the arrest, test results may not be available by the time of trial, nor can additional investigation occur as a result of the outcome of the tests. Thus the investigation and prosecution functions are adversely affected.

Federal budgetary restrictions and a 1980 General Accounting Office report charging the Bureau's policy of free laboratory services actually inhibits the growth of statewide crime laboratories creates doubt that the extent of FBI services of the past will continue. Charges for certain services have already been instituted, and requests for laboratory examinations are carefully scrutinized.

Recently the FBI questioned the need for tests in a State Trooper's case that involved a double Homicide. Any further curtailment of service will be even more serious since Alaska is both increasing its population and experiencing a general crime increase while crime is generally decreasing nationwide. (Alaska had the highest incidence in the United States for rape in 1979, was number two in 1980, and first again in 1981, and 1982. Alaska was also second in murder in 1982. According to a recent public opinion survey, among other findings, Alaskans believe a basic cause of crime is the failure of the justice system to punish criminals.

While Alaska has some of its forensic tests performed by private laboratories elsewhere, this is not a good alternative for several reasons. Alaskan law enforcement agencies have no control over the scheduling, priorities, or the methodologies and techniques used by these facilities, nor is there any control over the caliber of personnel performing the tests. Additionally, such tests are usually expensive, since a profit is being made and the state has to pay a fee for all tests performed plus the travel and expenses of the technicians from the "lower 48" states who testify during trial.

Perhaps the most compelling reason for a full services crime lab is the high evidentiary value of the crime scene evidence that has been analyzed and tested, for the test results provide irrefutable information about the suspect to either link him to a crime, or to eliminate him from any further investigation. Laboratory test results can thus provide a high degree of proof of guilt.

The continuing lack of a crime lab to service Alaska's law enforcement efforts is affecting the decisions and perceptions of some police officers. Knowing they cannot obtain test results and analyses in a timely and affordable manner, some officers have had to place a decreasing value upon physical evidence found at the crime scene and therefore tend to rely upon other means to develop their case. Therefore their case will lack the high evidentiary value that often results from crime lab examinations. Any future, long term lack of a statewide lab, in the face of reduced services from the FBI, will probably result in the emergence of several small efforts by local enforcement agencies to provide their own testing facilities. These will likely be of limited scope, overlapping and fragmented efforts of unknown value. The smaller police departments, unable to afford their own limited facilities, and unable to pay the high costs charged by private labs elsewhere will simply do without.

The above reasons argue forcefully for the development of a statewide crime lab to provide services for all law enforcement agencies in Alaska. The next questions are how big a facility is needed, what services need to be provided and what are the costs involved?

Based upon the existing workload and the forecasted workload within the immediate future, the following staff personnel would be hired:

1. An additional Forensic Chemist
2. Serologist
3. Trace Evidence Technician
4. Firearms and Tool Marks Examiner
5. Administrative Assistant
6. Fingerprint I D Specialist
7. Questioned Documents Examiner

Full operating costs above current expenditures for the new facility and the additional personnel will be \$391,400. per year after the Lab is completed.

The lab would honor all requests by law enforcement agencies, by either performing the work in house or through contract for the less frequent tests elsewhere. Tests and related services would be provided by the lab at no cost to the requesting agencies.

The proposed lab would be constructed adjacent to the Troopers Headquarters in Anchorage, on state-owned land. Substantial assistance has been obtained from the FBI Laboratory during an intensive on-site visit to obtain their recommendations for construction requirements, space needs for scientific personnel and instrumentation, and the factors that should be used in calculating overall construction costs.

Using data recommended by the FBI to provide a Crime Lab with the staff earlier noted, plus those in the existing facility, necessary instrumentation, and the numerous support requirements, a classroom for training police officers, and space for expansion in the years ahead will require a structure of about 17,000 square feet. FBI data indicates that cost per square foot is about 180% of the cost of commercial construction due to the unique plumbing, heating, ventilation and construction aspects required by a forensic laboratory.

Estimated costs of the new lab are as follows:

Construction	\$3.825 million
Indirect Costs \$1.147 (\$.402) =	.745
Equipment	.962
Supplies and Materials	.071
First Year's Operating Costs	<u>.239</u>
Total	\$5.842 million - in 1984

An estimated 12% inflation factor would increase costs by a like amount if construction occurs during FY'85 rather than FY'84.

STATE OF ALASKA 1984 LEGISLATIVE SESSION
FISCAL NOTE

Revision Date: _____

REQUEST
 Bill/Resolution No.: SB 381
 Title: Statewide Forensic Sciences Lab
 Sponsor: Senator Faiks
 Requestor: Senate Judiciary
 Date of Request: 1-31-84

FISCAL DETAIL
 Agency Affected: Public Safety
 Program Category Affected: Administration of Justice
 BRU, Program or Subprogram(s) Affected: Alaska State Troopers

EXPENDITURES/REVENUES: (Thousands of Dollars)

	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
OPERATING						
100 PERSONAL SERVICES		195.4	353.0	374.2	396.7	420.5
200 TRAVEL		7.5	10.6	11.2	11.9	12.6
300 CONTRACTUAL		22.5	71.8	76.1	80.7	85.5
400 SUPPLIES		14.0	14.8	15.7	16.6	17.6
500 EQUIPMENT					150.0	150.0
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS						
800 MISCELLANEOUS						
TOTAL OPERATING						
CAPITAL		239.4	450.2	477.2	655.9	686.2
REVENUE						

FUNDING: (Thousands of Dollars)

GENERAL FUND		239.4	450.2	477.2	655.9	686.2
FEDERAL FUNDS						
OTHER						
TOTAL						

POSITIONS:

FULL-TIME		7	7	7	7	7
PART-TIME						
TEMPORARY		7	7	7	7	7

SOURCE OF FUNDS TO OFFSET FISCAL IMPACT OF BILL:

ANALYSIS: Attach a separate page for analysis

Prepared By: Francis C. Allan G.C.A. Phone: 269-5691
 Division: Alaska State Troopers Date: 01/26/84
 Approved by Commissioner: Robert J. Sundberg Date: 1-31-84
 Agency: Public Safety

Distribution (by Agency preparing fiscal note):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

12/1/83

FISCAL NOTE
SECTION IV ANALYSIS

This legislation provides funds for the construction of a 17,000 square foot Statewide Crime Laboratory in Anchorage. The attached Schedule I details the Capital Cost and Schedule II details the Operating Costs. The vast majority of the Operating Costs represents a shift in direction for the Crime Lab from a limited service A.S.T. facility to becoming a full-service operation designed to meet the needs of all law enforcement agencies in the state. Personal Services costs for FY'85 reflect the hiring of the seven new staff members at various dates throughout the year. (See supporting schedules.) and other costs at 75% of a full years' cost.

FY'86 and each subsequent year reflect an anticipated 6% inflation rate and the cost of maintenance contracts on the new equipment.

By FY'88 it is anticipated that advances in technology will require replacement or new equipment to meet court evidence requirements each year.

ANCHORAGE COMBINED FACILITY

CAPITAL COSTS

1) Construction Costs

Crime Lab - 17,000 sq. ft. \$3,825.0

DOT/PF Overhead, Architect,
Planning Contingency, etc. \$1,147.0

CS SS HB 33 (402.0) 745.0

Subtotal \$4,570.0

2) Equipment 962.0

3) Commodities - Initial Stock 71.0

TOTAL \$5,603.0

ANCHORAGE COMBINED FACILITY

FY'85 OPERATING COSTS

100 Personnel Services

See attached schedule \$195,403

200 Travel

In-state & out-of-state travel needed
to attain and maintain professional
expertise
\$10,000 per full year x 75% = 7,500

300 Contractual Services

Telephone	\$ 12,500	
Electricity	9,100	
Other Utilities	3,500	
Building Repairs & Maintenance	4,900	
Subtotal	30,000	x 75% 22,500

(Note: Costs of maintenance agreements
of an estimated \$40,000 yearly will
begin in FY'86.)

400 Commodities

Heating Fuel	\$ 17,600	
Miscellaneous	1,100	
Subtotal	18,700	x 75% 14,025
TOTAL		<u>\$239,428</u>

FISCAL YEAR 1985

100 Personal Services Increased Staff

Job Class Range	Trace Evidence Specialist Range 19	Firearms & Tool Marks Specialist Range 19	Forensic Chemist Range 19	Serologist Range 19	Fingerprint ID Specialist Range 17	Admin Ass't II Range 14	Questioned Documents Examiner Range 19	Total
Annual Salary	\$38,124	\$38,124	\$19,062	\$19,062	\$16,542	\$ 6,723	\$ 9,531	\$147,168
Overtime	-0-	-0-	-0-	-0-	-0-	1,552	-0-	1,552
Sub total	\$38,124	\$38,124	\$19,062	\$19,062	\$16,542	\$ 8,275	\$ 9,531	\$148,720
Benefits	6,833	6,833	3,416	3,416	2,965	1,483	1,708	26,654
SBS	2,337	2,337	1,169	1,169	1,014	507	584	9,117
Health Insurance	2,728	2,728	1,364	1,364	1,364	682	682	10,912
Total	\$50,022	\$50,022	\$25,011	\$25,011	\$21,885	\$10,947	\$12,505	\$195,403
Starting Date	7/1/84	7/1/84	1/1/85	1/1/85	1/1/85	4/1/85	4/1/85	

BASE YEAR

100 Personal Services Increased Staff

Job Class Range	Trace Evidence Specialist Range 19	Firearms & Tool Marks Specialist Range 19	Forensic Chemist Range 19	Serologist Range 19	Fingerprint ID Specialist Range 17	Admin Ass't II Range 14	Questioned Documents Examiner Range 19	Total
Annual Salary	\$38,124	\$38,124	\$38,124	\$38,124	\$33,084	\$26,892	\$38,124	\$250,596
Overtime	-0-	-0-	-0-	-0-	-0-	2,483	-0-	2,483
Sub total	\$38,124	\$38,124	\$38,124	\$38,124	\$33,084	\$29,375	\$38,124	\$253,079
Benefits	6,833	6,833	6,833	6,833	5,930	5,265	6,833	45,360
SBS	2,337	2,337	2,337	2,337	2,028	1,801	2,337	15,514
Health Insurance	2,728	2,728	2,728	2,728	2,728	2,728	2,728	19,096
Total	\$50,022	\$50,022	\$50,022	\$50,022	\$43,770	\$39,169	\$50,022	\$333,049

FISCAL YEAR 1986

100 Personal Services Increased Staff

Job Class Range	Trace Evidence Specialist Range 19	Firearms & Tool Marks Specialist Range 19	Forensic Chemist Range 19	Serologist Range 19	Fingerprint ID Specialist Range 17	Admin Ass't II Range 14	Questioned Documents Examiner Range 19	Total
Annual Salary	\$40,411	\$40,411	\$40,411	\$40,411	\$35,069	\$28,506	\$40,411	\$265,632
Overtime	-0-	-0-	-0-	-0-	-0-	2,632	-0-	2,632
Sub total	\$40,411	\$40,411	\$40,411	\$40,411	\$35,069	\$31,138	\$40,411	\$268,264
Benefits	7,243	7,243	7,243	7,243	6,286	5,581	7,243	48,082
SBS	2,477	2,477	2,477	2,477	2,150	1,909	2,477	16,444
Health Insurance	2,892	2,892	2,892	2,892	2,892	2,892	2,892	20,242
Total	\$53,023	\$53,023	\$53,023	\$53,023	\$46,397	\$41,520	\$53,023	\$353,032

1.	POSITION TITLE Trace Evidence Specialist*			RANGE/STEP 19/A	BARG. UNIT GGU	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 12.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 1 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.	
3.	CONTINUATION LEVEL			JUSTIFICATION					
4.	TYPE OF EXPENDITURE								
	1	2	3						
	PERSONAL SERVICES								
5.	Salary	38,124							
6.	Benefits	6,833							
7.	Supplemental Benefits	2,337							
8.	Fixed Benefits	2,728							
9.	TOTAL PERSONAL SERVICES	01	50.0						
10.	Travel	02							
11.	Contractual	03							
12.	Commodities	04							
13.	Equipment	05							
14.	Other								
15.	TOTAL COST		50.0						
	RECEIPT CODE	FUNDING SOURCE							
16.		Federal Receipts	1002						
17.		G.F. Match	1003						
18.		General Funds	1004	50.0					
19.		I-A Receipts	1005						
20.		Program Receipts	1028						
21.		Other							

The Trace Evidence Examiner can narrow the origin of minute bits of evidence such as human hair and fibers, that are exchanged during fight or rape, to a group that includes (or excludes) the suspect. The paint chips and broken headlights of a hit and run fatality may be analyzed to determine if they match the paint and headlight of the suspects car.

The position will function in the new expanded Statewide Forensic Science Laboratory and provide a new expertise capability which will expand the level of service that can be provided to law enforcement agencies in Alaska.

* New classification pending.

FOR B&M USE ONLY
4A KEY NUMBER

13 REQUEST FOR
NEW POSITION

AGENCY Department of Public Safety
PROGRAM Crime ID & Apprehension
BRU Alaska State Troopers/S&S
COMPONENT Laboratory Services

FY 85

Page 1 of 7
Revised Date

1.	POSITION TITLE Firearms & Tool Marks Specialist*				RANGE/STEP 19	BARG. UNIT GGU	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 12.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 2 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL				JUSTIFICATION					
4.	TYPE OF EXPENDITURE									
	1		2		3					
	PERSONAL SERVICES									
5.	Salary		38,124							
6.	Benefits		6,833							
7.	Supplemental Benefits		2,337							
8.	Fixed Benefits		2,728							
9.	TOTAL PERSONAL SERVICES		01		50.0					
10.	Travel		02							
11.	Contractual		03							
12.	Commodities		04							
13.	Equipment		05							
14.	Other									
15.	TOTAL COST				50.0					
	RECEIPT CODE				FUNDING SOURCE					
16.					Federal Receipts 1002					
17.					G.F. Match 1003					
18.					General Funds 1004					
19.					I-A Receipts 1005					
20.					Program Receipts 1028					
21.					Other					
FOR B&M USE ONLY										
4A KEY NUMBER										

The Firearms & Tool Marks Specialist can match a spent bullet to the gun that fired it by examination of the microscopic markings on the bullet caused by the irregularities on the inner surface of the gun barrel, among other capabilities. As a Tool Marks Specialist, he can identify the tire iron or other implement found in the suspect's car as the one that did or did not pry open the window or door of the victim's home by using a microscope to compare and match the nicks on the blade of the tire iron to the impressions left in the window sill.

The position will function in the new expanded Statewide Forensic Science Laboratory and provide a new expertise capability which will expand the level of service that can be provided to law enforcement agencies in Alaska.

* New classification pending.

13 REQUEST FOR
NEW POSITION

AGENCY Department of Public Safety
PROGRAM Crime ID & Apprehension
BRU Alaska State Troopers/S&S
COMPONENT Laboratory Services

Page 2 of 7
Revised Date _____

FY 85

1.	POSITION TITLE Forensic Chemist*				RANGE/STEP 19	BARG. UNIT GGU	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 6.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 3 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL				JUSTIFICATION					
4.	TYPE OF EXPENDITURE									
	1		2		AMOUNT					
	PERSONAL SERVICES									
5.	Salary		19,062							
6.	Benefits		3,416							
7.	Supplemental Benefits		1,169							
8.	Fixed Benefits		1,364							
9.	TOTAL PERSONAL SERVICES		01		25.0					
10.	Travel		02							
11.	Contractual		03							
12.	Commodities		04							
13.	Equipment		05							
14.	Other									
15.	TOTAL COST				25.0					
<p>The Forensic Chemist tests and analyzes unknown substances. By testing substances thought to be illegal drugs, he can determine the type drug, its relative purity and the substances that may be mixed with the drug. He can also identify small amounts of accelerants from a suspected arson fire by testing charred and burned materials found at the fire, as well as other tasks requiring chemical analysis.</p> <p>The position will function in the new expanded Statewide Forensic Science Laboratory and provide an additional expertise capability which will expand the level of service that can be provided to law enforcement agencies in Alaska.</p> <p>* New classification pending.</p>										
16.	RECEIPT CODE	FUNDING SOURCE								
17.		Federal Receipts 1002								
18.		G.F. Match 1003								
19.		General Funds 1004		25.0						
20.		I-A Receipts 1005								
21.		Program Receipts 1028								
		Other								
FOR B&M USE ONLY										
4A KEY NUMBER										

13 REQUEST FOR
NEW POSITION

AGENCY Department of Public Safety
PROGRAM Crime ID & Apprehension
BRU Alaska State Troopers/S&S
COMPONENT Laboratory Services

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FY 85

1.	POSITION TITLE Serologist/Toxicologist*				RANGE/STEP 19	BARG. UNIT GGU	FORM 12 PAGE/LINE	COV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 6.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 4 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL	ADDITION	<input checked="" type="checkbox"/>		JUSTIFICATION					
4.	TYPE OF EXPENDITURE			AMOUNT						
	1	2	3							
	PERSONAL SERVICES									
5.	Salary	19,062								
6.	Benefits	3,416								
7.	Supplemental Benefits	1,169								
8.	Fixed Benefits	1,364								
9.	TOTAL PERSONAL SERVICES	01	25.0							
10.	Travel	02								
11.	Contractual	03								
12.	Commodities	04								
13.	Equipment	05								
14.	Other									
15.	TOTAL COST		25.0							
	RECEIPT CODE	FUNDING SOURCE								
16.		Federal Receipts	1002							
17.		G.F. Match	1003							
18.		General Funds	1004	25.0						
19.		I-A Receipts	1005							
20.		Program Receipts	1028							
21.		Other								

The Forensic Serologist/Toxicologist analyses of body fluids found at the crime scene, can limit the population group of the assailant to those within certain blood groups, thus eliminating persons with other blood groups and characteristics as suspects in a given crime. Toxicology detects and identifies the presence of drugs or poisons in body tissues, fluids and organs. These tests are used in determining the presence and extent of alcohol that may have contributed to a death, as one example.

The position will function in the new expanded Statewide Forensic Science Laboratory and provide an additional expertise capability which will expand the level of service that can be provided to law enforcement agencies in Alaska.

* New classification pending.

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 4A KEY NUMBER _____

13 REQUEST FOR
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AGENCY Department of Public Safety
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1.	POSITION TITLE Fingerprint ID Specialist*				RANGE/STEP 17	BARG. UNIT GGU	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 6.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 5 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL		ADDITION	X	JUSTIFICATION					
4.	TYPE OF EXPENDITURE			AMOUNT						
	1	2		3						
	PERSONAL SERVICES									
5.	Salary	16,542								
6.	Benefits	2,965								
7.	Supplemental Benefits	1,014								
8.	Fixed Benefits	1,364								
9.	TOTAL PERSONAL SERVICES	01		21.9						
10.	Travel	02								
11.	Contractual	03								
12.	Commodities	04								
13.	Equipment	05								
14.	Other									
15.	TOTAL COST			21.9						
	RECEIPT CODE	FUNDING SOURCE								
16.		Federal Receipts 1002								
17.		G.F. Match 1003								
18.		General Funds 1004		21.9						
19.		I-A Receipts 1005								
20.		Program Receipts 1028								
21.		Other								
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The Fingerprint Examiner can compare fingerprints found on a gun or some other surface to those of the suspect based upon the matching of the characteristics of the fingerprint ridges that are unique to each individual. (The Automated Fingerprint Identification System, funded during the 1982 session of the legislature is now being developed and installed).

The position will function in the new expanded Statewide Forensic Science Laboratory and provide an additional expertise capability which will expand the level of service that can be provided to law enforcement agencies in Alaska.

* Rewrite of class specification in progress.

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AGENCY Department of Public Safety
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FY 85

1.	POSITION TITLE Questioned Document Examiner				RANGE/STEP 19/A	BARG. UNIT GGU	FORM 12 PAGE/LINE 99	GOV.	APPRD.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 3.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 6 of 7	LOCATION Anchorage	ELECTION DISTRICT	LEG.		
3.	CONTINUATION LEVEL				JUSTIFICATION					
4.	TYPE OF EXPENDITURE			AMOUNT						
	1			2		3				
	PERSONAL SERVICES									
5.	Salary	9,531								
6.	Benefits	1,708								
7.	Supplemental Benefits	584								
8.	Fixed Benefits	682								
9.	TOTAL PERSONAL SERVICES	01		12.5						
10.	Travel	02								
11.	Contractual	03								
12.	Commodities	04								
13.	Equipment	05								
14.	Other									
15.	TOTAL COST			12.5						
16.	RECEIPT CODE	FUNDING SOURCE								
17.		Federal Receipts 1002								
18.		G.F. Match 1003								
19.		General Funds 1004		12.5						
20.		I-A Receipts 1005								
21.		Program Receipts 1020								
		Other								
FOR B&M USE ONLY 4A KEY NUMBER										

The Questioned Documents Examiner can ascertain the source or authenticity of a document through the many characteristics of an individual's handwriting, as well as through the variations in typewriter letters as a function of the use and wear to the machine's moving parts, and through the analyses of inks and different types of paper.

* New classification pending.

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1.	POSITION TITLE Administrative Assistant II				RANGE/STEP 14/A	BARG. UNIT SUPV.	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.	
2.	TYPE OF POSITION PFT	STAFF MONTHS 3.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 7 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.			
3.	CONTINUATION LEVEL		ADDITION	X	JUSTIFICATION						
4.	TYPE OF EXPENDITURE			AMOUNT							
	1			2		3					
	PERSONAL SERVICES										
5.	Salary	inc O/T	8,275								
6.	Benefits		1,483								
7.	Supplemental Benefits		507								
8.	Fixed Benefits		582								
9.	TOTAL PERSONAL SERVICES		01	11.0							
10.	Travel		02								
11.	Contractual		03								
12.	Commodities		04								
13.	Equipment		05								
14.	Other										
15.	TOTAL COST			11.0							
	RECEIPT CODE	FUNDING SOURCE									
16.		Federal Receipts	1002								
17.		G.F. Match	1003								
18.		General Funds	1004	11.0							
19.		I-A Receipts	1005								
20.		Program Receipts	1028								
21.		Other									
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4A KEY NUMBER _____											

This position is needed to support the six new professional positions being requested and part of this Capital Project and the two new additional professional positions added to the Crime Lab during FY'83 and FY'84 through RP. Without this additional administrative support the professional staff will loose much of its productive capacity performing administrative tasks that could more economically be done by this position.

This position will supervise the other clerks presently employed in the Crime Lab including those in the O/I Photo section.

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