

HB

487

SENATE STATE AFFAIRS COMMITTEE

Date received 3/23

Bill Number CS 2d. SS HB 487 Title Crime lab facility in Anchorage
(*jin*)

Fiscal Position	Date requested	From	Amount	Date Rec'd	
Note	Paper			Note	Paper

<i>yes</i>					

CONTACTS

Backup list

HEARING INFORMATION

NOTES

FINAL ACTION _____

DATE _____

STATE OF ALASKA 1984 LEGISLATIVE SESSION
FISCAL NOTE

Page 1 of 2

Revision Date: _____

REQUEST CS 2d
Bill/Resolution No.: SSB427(FIN)
Title: Statewide Forensic Sciences Lab
Sponsor: Rep. Furnace
Requestor: _____
Date of Request: _____

FISCAL DETAIL
Agency Affected: Public Safety
Program Category Affected: Administration of Justice
BRU, Program or Subprogram(s) Affected: Alaska State Troopers support & Service - Laboratory Services

EXPENDITURES/REVENUES: (Thousands of Dollars)

	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89
OPERATING						
100 PERSONAL SERVICES		28.2	353.0	374.2	396.7	420.5
200 TRAVEL			10.6	11.2	11.9	12.6
300 CONTRACTUAL		7.5	71.8	76.1	80.7	85.5
400 SUPPLIES		4.4	14.8	15.7	16.6	17.6
500 EQUIPMENT					150.0	150.0
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS						
800 MISCELLANEOUS						
TOTAL OPERATING		40.1	450.2	477.2	655.9	686.2
CAPITAL						
REVENUE						

FUNDING: (Thousands of Dollars)

GENERAL FUND		40.1	450.2	477.2	655.9	686.2
FEDERAL FUNDS						
OTHER						
TOTAL						

POSITIONS:

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

SOURCE OF FUNDS TO OFFSET FISCAL IMPACT OF BILL:

ANALYSIS: Attach a separate page for analysis

Prepared By: Francis C. Allan Phone: 269-5691
Division: Alaska State Troopers Date: 3/14/84

Approved by Commissioner: Robert J. Sundberg Date: 3/14/84
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/ Public Safety 3/14/84

FISCAL NOTE ANALYSIS

This legislation provides funds for the construction of a 17,000 square foot Statewide Forensic Sciences Laboratory in Anchorage. The vast majority of the operating costs represents a shift in direction for the Lab from a limited service AST 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 beginning June 1, 1985 and minimal supporting costs. *FY 85 is shown on the next page - more detail.*

FY 86 includes full operational costs. Beyond FY 85, an anticipated 6% inflation rate and the cost of maintenance contracts on the new equipment are reflected.

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

Statewide Forensic Sciences Lab

FY 85 Operating Costs

CS 2d SSHB 487(Fin)

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100 Personal Services \$28,200

See attached Form 13's

300 Contractual Services 7,500

Telephone \$3,125
Electricity 2,275
Other Utilities 875
Custodial Services 1,225

400 Commodities 4,400

Heating Fuel

FY 85 Total

\$40,100

1.	POSITION TITLE Trace Evidence Specialist*			RANGE/STEP 19/A	ORG. UNIT 660	FORM 12 PAGE/LINE	GOV.	APPROV.	DISA/P.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 1 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.	
3.	CONTINUATION LEVEL	ADDITION	JUSTIFICATION						
4.	TYPE OF EXPENDITURE			AMOUNT					
	1	2	3						
	PERSONAL SERVICES								
5.	Salary	3,177							
6.	Benefits	569							
7.	Supplemental Benefits	195							
8.	Fixed Benefits	227							
9.	TOTAL PERSONAL SERVICES	01	4.2						
10.	Travel	02							
11.	Contractual	03							
12.	Commodities	04							
13.	Equipment	05							
14.	Other								
15.	TOTAL COST		4.2						
	RECEIPT CODE	FUNDING SOURCE							
16.		Federal Receipts 1002							
17.		G.F. Match 1003							
18.		General Funds 1004		4.2					
19.		I-A Receipts 1005							
20.		Program Receipts 1026							
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 BSM 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
 COMPONENTY Laboratory Services

FY 85

Page 1 of 7
 Revised Date _____

1.	POSITION TITLE Firearms & Tool Marks Specialist*			RANGE/STEP 19/A	BARG. UNIT GGU	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 2 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.	
3.	CONTINUATION LEVEL			JUSTIFICATION					
4.	TYPE OF EXPENDITURE			AMOUNT					
	1	2	3						
	PERSONAL SERVICES								
5.	Salary	3,177							
6.	Benefits	569							
7.	Supplemental Benefits	195							
8.	Fixed Benefits	227							
9.	TOTAL PERSONAL SERVICES	01	4.2						
10.	Travel	02							
11.	Contractual	03							
12.	Commodities	04							
13.	Equipment	05							
14.	Other								
15.	TOTAL COST		4.2						
	RECEIPT CODE	FUNDING SOURCE							
16.		Federal Receipts	1002						
17.		G.F. Match	1003						
18.		General Funds	1004	4.2					
19.		I-A Receipts	1005						
20.		Program Receipts	1028						
21.		Other							

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.

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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 Forensic Chemist*			RANGE/STEP 19/A	DEPT. UNIT GGU	FORM 12 PAGE/LINE	COV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 3 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.	
3.	CONTINUATION LEVEL			ADDITION			JUSTIFICATION		
4.	TYPE OF EXPENDITURE			AMOUNT					
	1	2	3						
	PERSONAL SERVICES								
5.	Salary	3,177							
6.	Benefits	569							
7.	Supplemental Benefits	195							
8.	Fixed Benefits	227							
9.	TOTAL PERSONAL SERVICES	01	4.2						
10.	Travel	02							
11.	Contractual	03							
12.	Commodities	04							
13.	Equipment	05							
14.	Other								
15.	TOTAL COST		4.2						
	RECEIPT CODE	FUNDING SOURCE							
16.		Federal Receipts	1002						
17.		G.F. Match	1003						
18.		General Funds	1004	4.2					
19.		I-A Receipts	1005						
20.		Program Receipts	1028						
21.		Other							

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.

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 NEW POSITION

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

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FY 85

1.	POSITION TITLE Serologist/Toxicologist *				RANGE/STEP 19/A	BARG. UNIT CCU	FORM 12	PAGE/LINE	GOV.	APPRDV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 4 of 7	LOCATION Anchorage	ELECTION DISTRICT 99		LEC.		
3.	CONTINUATION LEVEL				JUSTIFICATION						
4.	ADDITION										
TYPE OF EXPENDITURE				AMOUNT							
1				2				3			
PERSONAL SERVICES											
5.	Salary	3,177									
6.	Benefits	509									
7.	Supplemental Benefits	195									
8.	Fixed Benefits	227									
9.	TOTAL PERSONAL SERVICES	01		4.2							
10.	Travel	02									
11.	Contractual	03									
12.	Commodities	04									
13.	Equipment	05									
14.	Other										
15.	TOTAL COST			4.2							
RECEIPT CODE				FUNDING SOURCE							
16.			Federal Receipts 1002								
17.			G.F. Match 1003								
18.			General Funds 1004		4.2						
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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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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Revised Date _____

FY 85

1.	POSITION TITLE Fingerprint ID Specialist*				RANGE/STEP 17/A	BARC. UNIT GGU	FORM 12 PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 5 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL				JUSTIFICATION					
4.	TYPE OF EXPENDITURE									
	1		2		3					
	PERSONAL SERVICES									
5.	Salary		2,757							
6.	Benefits		494							
7.	Supplemental Benefits		169							
8.	Fixed Benefits		227							
9.	TOTAL PERSONAL SERVICES		01		3.6					
10.	Travel		02							
11.	Contractual		03							
12.	Commodities		04							
13.	Equipment		05							
14.	Other									
15.	TOTAL COST				3.6					
	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					
					3.6					

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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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 Questioned Document Examiner *			RANGE/STEP 19/A	BARG. UNIT GGU	FORM 12	PAGE/LINE	GOV.	APPROV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 6 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL			ADDITION	JUSTIFICATION					
4.	TYPE OF EXPENDITURE			AMOUNT	<p>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.</p> <p>* New classification pending.</p>					
5.	PERSONAL SERVICES									
5.	Salary	3,177								
6.	Benefits	569								
7.	Supplemental Benefits	195								
8.	Fixed Benefits	227								
9.	TOTAL PERSONAL SERVICES	01	4.2							
10.	Travel	02								
11.	Contractual	03								
12.	Commodities	04								
13.	Equipment	05								
14.	Other									
15.	TOTAL COST		4.2							
16.	RECEIPT CODE	FUNDING SOURCE								
17.		Federal Receipts	1002							
18.		G.F. Match	1003							
19.		General Funds	1004	4.2						
20.		I-A Receipts	1005							
21.		Program Receipts	1028							
		Other								

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13 REQUEST FOR
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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 Administrative Assistant II				RANGE/STEP 14/A	BARG. UNIT SUPV.	FORM 12 PAGE/LINE	GOV.	APPRDV.	DISAPP.
2.	TYPE OF POSITION PFT	STAFF MONTHS 1.0	RP NUMBER	PCN NUMBER	BRU PRIORITY 7 of 7	LOCATION Anchorage	ELECTION DISTRICT 99	LEG.		
3.	CONTINUATION LEVEL				JUSTIFICATION					
4.	TYPE OF EXPENDITURE				AMOUNT					
	1		2		3					
	PERSONAL SERVICES									
5.	Salary	inc O/T	2,758							
6.	Benefits		494							
7.	Supplemental Benefits		169							
8.	Fixed Benefits		227							
9.	TOTAL PERSONAL SERVICES		01		3.6					
10.	Travel		02							
11.	Contractual		03							
12.	Commodities		04							
13.	Equipment		05							
14.	Other									
15.	TOTAL COST				3.6					
	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					
					3.6					
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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 lose 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/L Photo section.

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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Revised Date _____

FY 85

Anchorage Statewide Forensic Sciences Laboratory
Preliminary Project Budget / HB487

D.O.T.
ACTIVITY CODE

DESCRIPTION

AMOUNT

221	Location Survey	\$ 5,500
239	Design Admin.	46,500
241	Soils Investigation	8,000
280	Consultant Fees	359,000
282	Public Artwork	35,707
426	Const. Admin.	107,000
447	Gen. Admin.	42,849
450	Construction Contract	3,570,752*
	✓ Project Contingency	250,000

Sub total	4,425,308
Anticipated Lab Equipment Needed	962,100
Initial Stock of Supplies	71,000

Total Cost

5,458,408

Cost Per HB487

5,603,000

Difference (HB487 over)

144,592

2.6%

* Architects preliminary estimate may be \$11,654 higher but this amount is not material.

Dot/pt
Architect

3,443,460

4,298,016

5,331,116

271,884

4.8%