



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

Department of Public Safety

OFFICE OF THE COMMISSIONER
Walt Monegan

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February 15, 2018

The Honorable Scott Kawasaki
Alaska State Legislature
State Capitol, Room 502
Juneau, AK 99801

Dear Representative Kawasaki,

This letter is in response to questions asked by members of the House Public Safety Finance Subcommittee during the February 6, 2018, meeting on the FY2019 increment requests for the department's Criminal Records & Identification Bureau and Division of Fire and Life Safety.

The committee asked for more detail regarding the \$595.0 UGF increment request to establish a Records & Classifications Unit.

DPS is statutorily required to provide a uniform crime reporting system for the periodic collection, analysis, and reporting of crime data submitted to DPS by all law enforcement agencies in the state, and for transmitting that data to the Federal Bureau of Investigation (FBI) for inclusion in national crime statistics.¹

Crime data is currently collected and reported to DPS through a Summary Reporting System (SRS). Under SRS, state and local law enforcement agencies collect data for nine offense types² which are reported to DPS based on the hierarchy rule that requires law enforcement agencies only report the most serious offense occurring in an incident.

One of the major limitations within DPS is that the department has never created a functional group that is responsible for the data cleansing, gathering, and reporting of criminal data to its own agency, relying instead on troopers to accurately classify criminal incident data they enter in the department's records management system. In an effort to assist troopers, three DPS staff are temporarily assigned

¹ AS 12.62.110(3) – (4).

² Murder, rape, robbery, aggravated assault, burglary, larceny-theft, motor vehicle theft, and arson.

to complete monthly uniform crime reports (UCR) submitted by troopers and perform case review for UCR data collection, in addition to providing statewide support for the department's records management system and the Traffic and Criminal Software application. These assigned staff are not able to fully direct all their time to critical troubleshooting issues, general account maintenance, and training on new functions or specialized functionality of these systems due to the time it takes to review each incident report submitted by the troopers, and they are woefully behind. Currently only five months of UCR reports have been completed for 2017.

In December 2015, the FBI announced that they would be retiring SRS in January 2021 and that UCR data would be collected only through the National Incident-Based Reporting System (NIBRS). In contrast to SRS, NIBRS is a much more comprehensive system of crime data and reporting. The offenses include many that SRS omits and with no hierarchy rule, agencies may collect NIBRS data on as many as 10 criminal offenses per incident; yielding a more accurate accounting of the total number of reported crimes. In addition, NIBRS captures data on incident-related details that are not included in SRS, such as the relationships between victims and offenders, the types and quantities of drugs involved, and the types of property damaged or stolen. Finally, NIBRS can be used to answer detailed questions about crime.³

Ultimately, NIBRS will improve the detail and overall quality of crime data, which will assist law enforcement agencies, researchers, and policy makers in making more informed decisions and use resources more strategically and effectively. However, with the transition to NIBRS the number of reportable offenses nearly triples; going from nine to 24. Additionally, there are sub-offenses that brings the total to 52 specific crimes. Not only does NIBRS require reporting on a significantly larger number of offenses, there are additional reporting requirements. Each of the reportable offenses requires additional data to be included in the report such as victim information; location information; information on whether alcohol, drugs, or computers were used; victim/suspect relationship information; expanded property definitions; and drug weights.

Considering the additional data elements, the time it will take a trooper to complete an incident report will undoubtedly increase unless other measures are in place. Currently, the three temporarily assigned staff are reviewing the trooper's narrative on the report, extracting information from that report, and populating the information as needed for UCR data collection. This process would be expected to continue with the transition to NIBRS but on a much larger scale. The additional data entry will require additional staff members to minimize the amount of time a trooper needs to spend completing an incident report. Assigning dedicated staff members to this task this also significantly reduces the amount to time needed to follow-up with a trooper to correct information that may have been entered in the wrong area, entered with wrong information, etc. The new staff will serve

³ <https://www.fbi.gov/services/cjis/cjis-link/srs-to-nibrs-the-path-to-better-ucr-data>

as subject matter experts, ensuring the consistency, uniformity, and accuracy in reporting needed to successfully pass the over 500 edits built into the NIBRS programming.

Establishing a Records and Classifications Unit with adequate staffing will ensure the success of the inevitable transition to NIBRS resulting in more robust crime data, support more effective use of troopers' time, and bring DPS in line with standard operating procedures that are in place in almost every law enforcement agency that maintains as large a presence as the Alaska State Troopers.

Given the significant increase in data elements and corresponding work that NIBRS will require, it was determined that five Criminal Justice Technicians and one Criminal Justice Specialist supervisor is a reasonable level of staffing to effectively accomplish the work in an accurate and timely manner. This would additionally free up the three staff currently performing ad hoc UCR data collection and review to fully perform their primary functions. A reduction in the number of requested positions would affect DPS' ability to effectively achieve these efficiencies.

Representative Saddler wanted to know the specific numbers of fires by cause and building type.

Attachment 1 provides this data for non-confined fires in Alaska as reported by all fire departments in the National Fire Incident Reporting System for 2012 – 2016 (data for 2017 is not yet available). An example of a “confined” fire could be an oven fire that stayed confined to the oven. A “non-confined” fire would escape the oven and involve other portions of the structure.

Representative Wilson asked to see the fee schedule for FY18 and the potential increases.

The calculation of Plan Review fees is complex. *Attachment 2* provides additional detail on how it is done, what the calculations are, and includes the schedules that are used to determine the valuation of the structures. To simplify this, we took one particular occupancy type and construction type and applied the same variables using the ICC 2012 code and the ICC 2015 code so that a simpler comparison can be made. The ICC 2018 schedules are not yet available. We currently charge 75% of the maximum fee. We are looking to increase this to 80% or 85% when we adopt the 2018 code.

The building we are using is an Occupancy Type A2 Construction Type VB (5B), 4,500 square feet. This would be a typical restaurant. Currently we charge 75% of the calculated fee.

- Based on the 2012 valuation schedule the building valuation is \$593,145 the fee would be \$3,072.94;
- Based on the 2017 valuation schedule (currently in use) the building valuation is \$611,730 the plan review fee would be \$3,150.56;
- Based on the 2017 valuation schedule if we were to charge 80% of the calculated fee the plan review fee would be \$3,360.60; and

Representative Kawasaki

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- Based on the 2017 valuation schedule if we were to charge 85% of the calculated fee the plan review fee would be \$3,570.84.
- Based on the 2017 valuation schedule if we were to charge 100% of the calculated fee the plan review fee would be \$4,229.50.

We are showing the 100% calculation for comparison purposes only. DPS does not advocate charging this much because we do not perform structural reviews.

Representative Saddler wanted to know how much money is being carried forward each year.

The Division of Fire and Life Safety carried forward \$105.7 in General Fund Program Receipts (GFPR) in FY2016, and \$164.4 in FY2017.

Thank you for the opportunity to provide these responses. Please let me know if I can provide further information

Sincerely,

A handwritten signature in blue ink, appearing to read 'Walt Monegan'.

Walt Monegan
Commissioner

Attachments (2)

cc: State Fire Marshal Dave Tyler, Director, Division of Fire & Life Safety, DPS
John Roberts, Director, Division of Statewide Services, DPS
Kathy Monfreda, Criminal Records & Identification Bureau Chief, DPS
Kelly Howell, Administrative Services Director, DPS
Allison Hanzawa, Special Assistant to the Commissioner II, DPS
Torrey Jacobson, Program Budget Analyst IV, Governor's Office of Management and Budget
Amanda Ryder, Fiscal Analyst, Legislative Finance Division

National Fire Incident Reporting System

Alarm Year	2012 - 2016
Inc Type Code	Building Structure Fires Structure Fire (Non-Confined)
Inc Type Category	
Property Use: Assembly	Total Count 109
Cause under investigation	6
Cause undetermined after investigation	13
Cause, Other	4
Failure of equipment or heat source	17
Intentional	18
Unintentional	51
Property Use: Educational	Total Count 27
Cause under investigation	2
Cause undetermined after investigation	2
Failure of equipment or heat source	4
Intentional	6
Unintentional	13
Property Use: Health Care, Detention and Correction	Total Count 43
Cause under investigation	4
Cause undetermined after investigation	1
Failure of equipment or heat source	14
Intentional	8
Unintentional	16
Property Use: Industrial, Utility, Defense, Agriculture and Mining	Total Count 43
Act of nature	1
Cause under investigation	5
Cause undetermined after investigation	6
Cause, Other	2
Failure of equipment or heat source	9
Intentional	1
Unintentional	19
Property Use: Manufacturing, Processing	Total Count 14
Cause undetermined after investigation	1
Failure of equipment or heat source	4
Unintentional	9

National Fire Incident Reporting System

Property Use: Mercantile, Business	Total Count 184
Cause under investigation	20
Cause undetermined after investigation	20
Cause, Other	10
Failure of equipment or heat source	35
Intentional	18
Unintentional	81
Property Use: None	Total Count 3
Intentional	1
Unintentional	2
Property Use: Outside or Special Property	Total Count 146
Cause under investigation	8
Cause undetermined after investigation	24
Cause, Other	28
Failure of equipment or heat source	13
Intentional	12
Unintentional	61
Property Use: Residential	Total Count 2697
Act of nature	7
Cause under investigation	188
Cause undetermined after investigation	329
Cause, Other	183
Failure of equipment or heat source	326
Intentional	169
Unintentional	1495
Property Use: Storage	Total Count 486
Act of nature	3
Cause under investigation	16
Cause undetermined after investigation	76
Cause, Other	161
Failure of equipment or heat source	33
Intentional	39
Unintentional	158
Property Use: Undetermined	Total Count 7
Cause undetermined after investigation	2
Cause, Other	3
Intentional	2
Total	3759

PLAN REVIEW WORKSHEET

Project Name: Test - 2012

Town:	Current			Occupancy Type:		A2	Const.Type:		VB
VALUATION CATEGORY	BUILDING VALUATION	2012 PLAN REVIEW FEE	DEDUCTIBLE	REMAINING	BASIC FEE	ADDTN'L. FEE	cost for each 1000	remainder divided by 1000	remainder rounded up
	-	\$150.00	\$500.00	#VALUE!	\$23.50	#VALUE!	\$3.05	#VALUE!	#VALUE!
14001-25,000	-	#VALUE!	\$8,000.00	#VALUE!	\$100.00	#VALUE!	\$16.00	#VALUE!	#VALUE!
25,001-50,000	-	#VALUE!	\$25,000.00	#VALUE!	\$430.25	#VALUE!	\$11.10	#VALUE!	#VALUE!
50,001-100,000	-	#VALUE!	\$50,000.00	#VALUE!	\$780.05	#VALUE!	\$8.00	#VALUE!	#VALUE!
100,001-500,000	-	#VALUE!	\$100,000.00	#VALUE!	\$1,093.05	#VALUE!	\$6.60	#VALUE!	#VALUE!
500,001-1,000,000	\$593,145.00	\$3,072.94	\$500,000.00	\$93,145.00	\$3,556.75	\$540.50	\$5.75	93.15	94.00
1,000,001 and up	-	#VALUE!	\$1,000,000.00	#VALUE!	\$6,168.75	#VALUE!	\$4.15	#VALUE!	#VALUE!

ENTER BUILDING VALUATION: \$593,145.00

VALUATION CALCULATIONS

ENTER SQUARE FOOTAGE	4500
ENTER SQ. FOOTAGE COST	\$131.81
BUILDING VALUATION	\$593,145.00

Renovations, Alterations, Mechanical Changes, and fuel system Installation & renovations are entered in Blue.

Industrial - Min. (\$1,000)

Home Daycare - (\$100)

Systems Minimum - (\$150)

System Plan Review Fees

Number of System Devices from Plans	23	
Permit Fee (times \$2)	\$ 46.00	
Plan Review Fee from "Sys Fee Sch"	\$ 89.00	Enter information in the two green blocks, don't change red blocks, Total fee is Yellow block
Filing Fee:	\$25	
Total for System Fees	\$ 150.00	

MULTIPLE BLDG. ON SAME LOT:

(plan review fee for first building)	
\$0.00 Enter the # of bldgs being built in green	3
\$0.00 (fee for identical bldg, same subd.)	For addit.
\$0.00 Equals Original plus discounted facilities	
Identical Structures within the same subdivision or planned unit development	

MAKE CHECK PAYABLE TO STATE OF ALASKA FOR ABOVE PLAN REVIEW FEE

PLAN RVW. #

DATE PLANS RECEIVED:

PMT. RECD. BY: ☐ Cash ☐ Check

CHECK#

DATE PMT RECD.

RECEIPT #

REVIEWED BY:

DATE RVWD: **Fee Calculated By:**

PLAN REVIEW WORKSHEET

Project Name: Test - August 2017

Town:	Current			Occupancy Type:		A2	Const.Type:		VB
VALUATION CATEGORY	BUILDING VALUATION	2012 PLAN REVIEW FEE	DEDUCTIBLE	REMAINING	BASIC FEE	ADDTN'L. FEE	cost for each 1000	remainder divided by 1000	remainder rounded up
-	-	\$150.00	\$500.00	#VALUE!	\$23.50	#VALUE!	\$3.05	#VALUE!	#VALUE!
14001-25,000	-	#VALUE!	\$8,000.00	#VALUE!	\$100.00	#VALUE!	\$16.00	#VALUE!	#VALUE!
25,001-50,000	-	#VALUE!	\$25,000.00	#VALUE!	\$430.25	#VALUE!	\$11.10	#VALUE!	#VALUE!
50,001-100,000	-	#VALUE!	\$50,000.00	#VALUE!	\$780.05	#VALUE!	\$8.00	#VALUE!	#VALUE!
100,001-500,000	-	#VALUE!	\$100,000.00	#VALUE!	\$1,093.05	#VALUE!	\$6.60	#VALUE!	#VALUE!
500,001-1,000,000	\$611,730.00	\$3,150.56	\$500,000.00	\$111,730.00	\$3,556.75	\$644.00	\$5.75	111.73	112.00
1,000,001 and up	-	#VALUE!	\$1,000,000.00	#VALUE!	\$6,168.75	#VALUE!	\$4.15	#VALUE!	#VALUE!

ENTER BUILDING VALUATION: \$611,730.00

VALUATION CALCULATIONS

ENTER SQUARE FOOTAGE	4500
ENTER SQ. FOOTAGE COST	\$135.84
BUILDING VALUATION	\$611,730.00

Renovations, Alterations, Mechanical Changes, and fuel system Installation & renovations are entered in Blue.

Industrial - Min. (\$1,000)

Home Daycare - (\$100)

Systems Minimum - (\$150)

System Plan Review Fees

Number of System Devices from Plans	28
Permit Fee (times \$2)	\$ 56.00
Plan Review Fee from "Sys Fee Sch"	\$ 89.00
Filing Fee:	\$25
Total for System Fees	\$ 150.00

Enter information in the two green blocks, don't change red blocks, Total fee is Yellow block

MULTIPLE BLDG. ON SAME LOT:

(plan review fee for first building)	
\$0.00 Enter the # of bldgs being built in green	3
\$0.00 (fee for identical bldg, same subd.)	For addit.
\$0.00 Equals Original plus discounted facilities	

Identical Structures within the same subdivision or planned unit development

MAKE CHECK PAYABLE TO STATE OF ALASKA FOR ABOVE PLAN REVIEW FEE

PLAN RVW. #

DATE PLANS RECEIVED:

PMT. RECD. BY: ☐ Cash ☐ Check

CHECK#

DATE PMT RECD.

RECEIPT #

REVIEWED BY:

DATE RVWD: Fee Calculated By:

PLAN REVIEW WORKSHEET

Project Name: Test - August 2017 80%

Town:	Current			Occupancy Type:		A2	Const.Type:		VB
VALUATION CATEGORY	BUILDING VALUATION	2012 PLAN REVIEW FEE	DEDUCTIBLE	REMAINING	BASIC FEE	ADDTN'L. FEE	cost for each 1000	remainder divided by 1000	remainder rounded up
-	-	\$150.00	\$500.00	#VALUE!	\$23.50	#VALUE!	\$3.05	#VALUE!	#VALUE!
14001-25,000	-	#VALUE!	\$8,000.00	#VALUE!	\$100.00	#VALUE!	\$16.00	#VALUE!	#VALUE!
25,001-50,000	-	#VALUE!	\$25,000.00	#VALUE!	\$430.25	#VALUE!	\$11.10	#VALUE!	#VALUE!
50,001-100,000	-	#VALUE!	\$50,000.00	#VALUE!	\$780.05	#VALUE!	\$8.00	#VALUE!	#VALUE!
100,001-500,000	-	#VALUE!	\$100,000.00	#VALUE!	\$1,093.05	#VALUE!	\$6.60	#VALUE!	#VALUE!
500,001-1,000,000	\$611,730.00	\$3,360.60	\$500,000.00	\$111,730.00	\$3,556.75	\$644.00	\$5.75	111.73	112.00
1,000,001 and up	-	#VALUE!	\$1,000,000.00	#VALUE!	\$6,168.75	#VALUE!	\$4.15	#VALUE!	#VALUE!

ENTER BUILDING VALUATION: \$611,730.00

VALUATION CALCULATIONS

ENTER SQUARE FOOTAGE	4500
ENTER SQ. FOOTAGE COST	\$135.94
BUILDING VALUATION	\$611,730.00

Renovations, Alterations, Mechanical Changes, and fuel system Installation & renovations are entered in Blue.

Industrial - Min. (\$1,000)

Home Daycare - (\$100)

Systems Minimum - (\$150)

System Plan Review Fees

Number of System Devices from Plans	28	
Permit Fee (times \$2)	\$56.00	
Plan Review Fee from "Sys Fee Sch"	\$66.00	Enter information in the two green blocks, don't change red blocks, Total fee is Yellow block
Filing Fee:	\$25	
Total for System Fees	\$150.00	

MULTIPLE BLDG. ON SAME LOT:

(plan review fee for first building)	
\$0.00 Enter the # of bldgs being built in green	3
\$0.00 (fee for identical bldg, same subd.)	For addit.
\$0.00 Equals Original plus discounted facilities	

Identical Structures within the same subdivision or planned unit development

MAKE CHECK PAYABLE TO STATE OF ALASKA FOR ABOVE PLAN REVIEW FEE

PLAN RVW. #

DATE PLANS RECEIVED:

PMT. RECD. BY: ☐ Cash ☐ Check

CHECK#

DATE PMT RECD.

RECEIPT #

REVIEWED BY:

DATE RV'WD: Fee Calculated By:

PLAN REVIEW WORKSHEET

Project Name:		Test - August 2017 85%							
Town:	Current			Occupancy Type:		A2	Const.Type:		VB
VALUATION CATEGORY	BUILDING VALUATION	2012 PLAN REVIEW FEE	DEDUCTIBLE	REMAINING	BASIC FEE	ADDTN'L. FEE	cost for each 1000	remainder divided by 1000	remainder rounded up
-		\$150.00	\$500.00	#VALUE!	\$23.50	#VALUE!	\$3.05	#VALUE!	#VALUE!
14001-25,000	-	#VALUE!	\$8,000.00	#VALUE!	\$100.00	#VALUE!	\$16.00	#VALUE!	#VALUE!
25,001-50,000	-	#VALUE!	\$25,000.00	#VALUE!	\$430.25	#VALUE!	\$11.10	#VALUE!	#VALUE!
50,001-100,000	-	#VALUE!	\$50,000.00	#VALUE!	\$780.05	#VALUE!	\$8.00	#VALUE!	#VALUE!
100,001-500,000	-	#VALUE!	\$100,000.00	#VALUE!	\$1,093.05	#VALUE!	\$6.60	#VALUE!	#VALUE!
500,001-1,000,000	\$611,730.00	\$3,570.64	\$500,000.00	\$111,730.00	\$3,556.75	\$644.00	\$5.75	111.73	112.00
1,000,001 and up	-	#VALUE!	\$1,000,000.00	#VALUE!	\$6,168.75	#VALUE!	\$4.15	#VALUE!	#VALUE!

ENTER BUILDING VALUATION:		\$611,730.00
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VALUATION CALCULATIONS	
ENTER SQUARE FOOTAGE	4500
ENTER SQ. FOOTAGE COST	\$138.94
BUILDING VALUATION	\$611,730.00

Renovations, Alterations, Mechanical Changes, and fuel system Installation & renovations are entered in Blue.	
Industrial - Min. (\$1,000)	
Home Daycare - (\$100)	
Systems Minimum - (\$150)	

System Plan Review Fees	
Number of System Devices from Plans	28
Permit Fee (times \$2)	\$ 56.00
Plan Review Fee from "Sys Fee Sch"	\$ 89.00
Filing Fee:	\$25
Total for System Fees	\$ 150.00

Enter information in the two green blocks, don't change red blocks, Total fee is Yellow block

MULTIPLE BLDG. ON SAME LOT:	
(plan review fee for first building)	
\$0.00 Enter the # of bldgs being built in green	3
\$0.00 (fee for identical bldg, same subd.)	For addit.
\$0.00 Equals Original plus discounted facilities	

Identical Structures within the same subdivision or planned unit development

MAKE CHECK PAYABLE TO STATE OF ALASKA FOR ABOVE PLAN REVIEW FEE

PLAN RVW. #	<input type="text"/>	DATE PLANS RECEIVED:	<input type="text"/>
PMT. RECD. BY:	<input type="checkbox"/> Cash <input type="checkbox"/> Check	CHECK#	<input type="text"/>
DATE PMT RECD.	<input type="text"/>	RECEIPT #	<input type="text"/>
REVIEWED BY:	<input type="text"/>	DATE RVWD:	<input type="text"/> Fee Calculated By: <input type="text"/>

PLAN REVIEW WORKSHEET

Project Name: Test - August 2017 100%

Town:	Current			Occupancy Type:		A2	Const.Type:		VB
VALUATION CATEGORY	BUILDING VALUATION	2012 PLAN REVIEW FEE	DEDUCTIBLE	REMAINING	BASIC FEE	ADDTN'L FEE	cost for each 1000	remainder divided by 1000	remainder rounded up
	-	\$150.00	\$500.00	#VALUE!	\$23.50	#VALUE!	\$3.05	#VALUE!	#VALUE!
14001-25,000	-	#VALUE!	\$8,000.00	#VALUE!	\$100.00	#VALUE!	\$16.00	#VALUE!	#VALUE!
25,001-50,000	-	#VALUE!	\$25,000.00	#VALUE!	\$430.25	#VALUE!	\$11.10	#VALUE!	#VALUE!
50,001-100,000	-	#VALUE!	\$50,000.00	#VALUE!	\$780.05	#VALUE!	\$8.00	#VALUE!	#VALUE!
100,001-500,000	-	#VALUE!	\$100,000.00	#VALUE!	\$1,093.05	#VALUE!	\$6.60	#VALUE!	#VALUE!
500,001-1,000,000	\$616,230.00	\$4,229.50	\$500,000.00	\$116,230.00	\$3,556.75	\$672.75	\$5.75	116.23	117.00
1,000,001 and up	-	#VALUE!	\$1,000,000.00	#VALUE!	\$6,168.75	#VALUE!	\$4.15	#VALUE!	#VALUE!

ENTER BUILDING VALUATION: \$616,230.00

VALUATION CALCULATIONS

ENTER SQUARE FOOTAGE	4500
ENTER SQ. FOOTAGE COST	\$138.94
BUILDING VALUATION	\$616,230.00

Renovations, Alterations, Mechanical Changes, and fuel system Installation & renovations are entered in Blue.

Industrial - Min. (\$1,000)

Home Daycare - (\$100)

Systems Minimum - (\$150)

System Plan Review Fees

Number of System Devices from Plans	28
Permit Fee (times \$2)	\$ 56.00
Plan Review Fee from "Sys Fee Sch"	\$ 68.00
Filing Fee:	\$25
Total for System Fees	\$ 150.00

Enter information in the two green blocks, don't change red blocks, Total fee is Yellow block

MULTIPLE BLDG. ON SAME LOT:

(plan review fee for first building)	
\$0.00 Enter the # of bldgs being built in green	3
\$0.00 (fee for identical bldg, same subd.)	For addit.
\$0.00 Equals Original plus discounted facilities	

Identical Structures within the same subdivision or planned unit development

MAKE CHECK PAYABLE TO STATE OF ALASKA FOR ABOVE PLAN REVIEW FEE

PLAN RVW. #

DATE PLANS RECEIVED:

PMT. RECD. BY: ☐ Cash ☐ Check

CHECK#

DATE PMT RECD.

RECEIPT #

REVIEWED BY:

DATE RVWD: **Fee Calculated By:**

Plan Review Fees Explanation

Our procedure for determining fees is detailed in our Regulations and can be found in total on our website (www.akburny.com).

The pertinent sections are included below followed by step-by-step examples.

(1) upon application for a plan review, a plan review fee must be paid to the State of Alaska; the plan review fee is established by *I.B.C.*, Section, 108 adopted by reference in 13 AAC 50.020; the value of the proposed construction will be determined by the division of fire and life safety using the valuation schedule, the plan review fee table and the plan review fee formula set out in (6), (7), and (8) of this subsection; renovation, alterations, and mechanical changes and fuel system installation and replacement valuation is determined by the project cost; the fee schedule will then be applied to the calculated fee; if the division of fire and life safety cannot determine project value using the valuation schedule or the construction estimate, an hourly fee of \$75 per hour or fraction of an hour will be charged; the minimum review fee for industrial (oil, gas, and mining) use facilities is \$1000; the plan review fee for home day cares is \$100; the plan review fee for a relocation review is \$150; the minimum fee for other uses requiring administrative approval, such as impairments, code modifications, foundations, and framings is \$150;

(5) if any work for which a plan review and approval is required by this subsection has been started without first obtaining plan review and approval, a special processing plan review fee will be charged; the special processing plan review fee is an additional charge equal to the amount of the standard plan review fee for the project; subsequent violations by the same person or business will result in an additional special processing fee multiplied by the number of previous violations;

(6) the division of fire and life safety shall determine value of the proposed construction using the Valuation Schedule set out in this paragraph, as follows:

Sample : Check regulations on-line for official recorded numbers as these numbers can change.

<https://dps.alaska.gov/getmedia/5b0d3e53-c7b8-432c-a870-6c66b009a284/13-AAC-50-55b;.aspx> Pg. 46

Valuation Schedule	Square Foot Construction Costs - Types of Construction								
Group	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
A-1 Assembly, theaters, with stage	224.49	217.12	211.82	202.96	190.83	185.33	196.14	174.43	167.83
A-1 Assembly, theaters, without stage	205.71	198.34	193.04	184.18	172.15	166.65	177.36	155.75	149.15
A-2 Assembly, nightclubs	177.15	172.12	167.31	160.58	150.83	146.74	154.65	136.68	132.81
A-2 Assembly, restaurants, bars, banquet halls	176.15	171.12	165.31	159.58	148.83	145.74	153.65	134.68	131.81
A-3 Assembly, churches	207.73	200.36	195.06	186.20	174.41	168.91	179.38	158.02	151.41
A-3 Assembly, general, community halls, libraries,	173.36	165.99	159.69	151.83	138.90	134.40	145.01	122.50	116.89
A-4 Assembly, arenas	204.71	197.34	191.04	183.18	170.15	165.65	176.36	153.75	148.15
B Business	179.29	172.71	166.96	158.70	144.63	139.20	152.43	126.93	121.32
E Educational	192.11	185.49	180.05	171.90	160.09	151.62	165.97	139.90	135.35
F-1 Factory and industrial, moderate hazard	108.42	103.32	97.18	93.38	83.24	79.62	89.22	68.69	64.39
F-2 Factory and industrial, low hazard	107.42	102.32	97.18	92.38	83.24	78.62	88.22	68.69	63.39
H-1 High Hazard, explosives	101.53	96.44	91.29	86.49	77.57	72.95	82.34	63.02	N.P.
H234 High Hazard	101.53	96.44	91.29	86.49	77.57	72.95	82.34	63.02	57.71
H-5 HPM	179.29	172.71	166.96	158.70	144.63	139.20	152.43	126.93	121.32
I-1 Institutional, supervised environment	177.76	171.50	166.52	159.45	146.31	142.45	159.13	131.29	126.72

Valuation Schedule Continued	Square Foot Construction Costs - Types of Construction								
Group	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
I-2 Institutional, hospitals	302.44	202.79	197.05	188.78	175.72	N.P.	182.52	158.01	N.P.
I-2 Institutional, nursing homes	209.38	197.68	191.94	183.67	171.10	164.68	177.41	153.40	145.80
I-3 Institutional, restrained	204.27	171.50	166.52	159.45	146.31	142.45	159.13	131.29	126.72
I-4 Institutional, day care facilities	177.76	127.01	121.20	115.47	105.47	102.39	109.54	91.33	88.45
M Mercantile	132.04	172.89	167.90	160.83	147.95	144.10	160.52	132.93	128.36
R-1 Residential, hotels	179.14	143.99	139.01	131.94	119.77	115.91	131.62	104.74	100.18
R-2 Residential, multiple family	150.25	137.90	134.46	131.00	125.88	122.71	128.29	117.71	110.29
R-3 Residential, one- and two-family	141.80	171.50	166.52	159.45	146.31	142.45	159.13	131.29	126.72
R-4 Residential, care/assisted living facilities	177.76	95.44	89.29	85.49	75.57	71.95	81.34	61.02	56.71
S-1 Storage, moderate hazard	100.53	94.44	89.29	84.49	75.57	70.95	80.34	61.02	55.71
S-2 Storage, low hazard	99.53	71.22	66.78	63.37	56.99	53.22	60.41	44.60	42.48
U Utility, miscellaneous	75.59								

(7) The division of fire and life safety shall use the following for calculating fees for plan review:

TOTAL VALUATION FEE Valuation	Basic Fee	Each Additional \$1,000 or Fraction of \$1,000
\$1 to \$25,000	\$100 for the first \$8,000	\$16
\$25,001 to \$50,000	\$430.25 for the first \$25,000	\$11.10
\$50,001 to \$100,000	\$780.05 for the first \$50,000	\$8
\$100,001 to \$500,000	\$1,093.05 for the first \$100,000	\$6.60
\$500,001 to \$1,000,000	\$3,556.75 for the first \$500,000	\$5.75
Over \$1,000,000	\$6,168.75 for the first \$1,000,000	\$4.15

(8) Plan review fees shall be determined using the following formula: (A) for valuation, project floor area in square feet multiplied by the cost per square foot from valuation schedule set out in (6) of this subsection, equals the project total valuation; (B) for fee, basic fee from plan review fee table set out in

(7) of this subsection plus the additional fee per \$1,000 valuation over basic fee from plan review fee table multiplied by 75 percent equal the plan review fee.

In summary:

For projects involving new buildings, the fee is based on occupancy type, construction type & square footage. If your establishment will be located in an existing building, the fee is based on the cost of any renovations.

Examples:

A. New building with 1,000 sqft, F-1 (processing occupancy), type VB (wood) construction

- Using the tables under section (6), determine the cost per square foot for a F-1/VB building
 - \$64.39
- Determine the project cost - multiply the square footage cost by the square footage
 - \$64.39 x 1,000 sqft = \$64,390
- Using calculated project cost & the Valuation Table (above) – determine the basic fee
 - \$780.05 for the first \$50,000
- Determine fee for remainder of project cost (for each additional \$1,000 or fraction of \$1,000)

- Subtract project cost by \$50,000
 - o $\$64,390 - \$50,000 = \$14,390$
- Round up to nearest thousand
 - o $\$15,000$
- Divide by 1,000
 - o $\$15,000 / 1,000 = \15.00
- Multiply by factor determined by table above
 - o $\$15.00 \times \$8.00 = \$120.00$
- 5. Add both factors for calculated fee
 - $\$780.05 + \$120.00 = \$900.05$
- 6. According to our regulations (#8 above), we charge 75% of this calculated fee:
 - $\$900.05 \times 0.75 = \675.04

So, for a new building with 1,000 square feet, F-1 (processing) occupancy and type VB (wood) construction, the plan review fee would be - \$675.04

B. Existing building with \$70,000 renovation

Use the same steps in Example A. Use \$70,000 as project cost.

1. Determine basic fee for \$70,000 project cost
 - \$780.05 for the first \$50,000
2. Determine fee for remainder of project cost
 - $\$70,000 - \$50,000 = \$20,000$
 - $\$20,000 / \$1,000 = \$20$
 - $\$20.00 \times \$8.00 = \$160$
3. Determine calculated fee
 - $\$780.05 + 160 = \940.05
4. Determine actual fee (75% of calculated fee)
 - $\$940.05 \times 0.75 = \705.04

So, the plan review fee for a renovation project costing \$70,000 would be - \$ 705.04.

Important Points

- The BVD is not intended to apply to alterations or repairs to existing buildings. Because the scope of alterations or repairs to an existing building varies so greatly, the Square Foot Construction Costs table does not reflect accurate values for that purpose. However, the Square Foot Construction Costs table can be used to determine the cost of an addition that is basically a stand-alone building which happens to be attached to an existing building. In the case of such additions, the only alterations to the existing building would involve the attachment of the addition to the existing building and the openings between the addition and the existing building.
- For purposes of establishing the Permit Fee Multiplier, the estimated total annual construction value for a given time period (1 year) is the sum of each building's value (Gross Area x Square Foot Construction Cost) for that time period (e.g., 1 year).
- The Square Foot Construction Cost does not include the price of the land on which the building is built. The Square Foot Construction Cost takes into account everything from foundation work to the roof structure and coverings but does not include the price of the land. The cost of the land does not affect the cost of related code enforcement activities and is not included in the Square Foot Construction Cost.

Updated Aug 2017

Square Foot Construction Costs ^{a, b, c}

Group (2015 International Building Code)	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
A-1 Assembly, theaters, with stage	233.95	225.89	220.42	211.39	198.92	193.15	204.70	181.63	174.97
A-1 Assembly, theaters, without stage	214.40	206.35	200.88	191.84	179.53	173.76	185.16	162.23	155.58
A-2 Assembly, nightclubs	182.86	177.56	173.06	166.05	156.54	152.22	160.22	141.73	136.94
A-2 Assembly, restaurants, bars, banquet halls	181.86	176.56	171.06	165.05	154.54	151.22	159.22	139.73	135.94
A-3 Assembly, churches	216.47	208.41	202.95	193.91	181.79	176.02	187.23	164.50	157.85
A-3 Assembly, general, community halls, libraries, museums	180.57	172.51	166.04	158.00	144.89	140.11	151.32	127.59	121.94
A-4 Assembly, arenas	213.40	205.35	198.88	190.84	177.53	172.76	184.16	160.23	154.58
B Business	186.69	179.79	173.86	165.19	150.70	145.02	158.70	132.31	126.48
E Educational	197.52	190.73	185.77	177.32	165.32	156.97	171.23	144.39	140.26
F-1 Factory and industrial, moderate hazard	111.86	106.71	100.58	96.68	86.77	82.81	92.61	72.75	68.09
F-2 Factory and industrial, low hazard	110.86	105.71	100.58	95.68	86.77	81.81	91.61	72.75	67.09
H-1 High Hazard, explosives	104.68	99.53	94.40	89.50	80.80	75.84	85.43	66.78	N.P.
H234 High Hazard	104.68	99.53	94.40	89.50	80.80	75.84	85.43	66.78	61.12
H-5 HPM	186.69	179.79	173.86	165.19	150.70	145.02	158.70	132.31	126.48
I-1 Institutional, supervised environment	187.63	181.26	176.01	168.60	155.33	151.11	168.69	139.15	134.82
I-2 Institutional, hospitals	314.17	307.27	301.34	292.67	277.18	N.P.	286.18	258.79	N.P.
I-2 Institutional, nursing homes	217.67	210.77	204.84	196.17	182.68	N.P.	189.68	164.29	N.P.
I-3 Institutional, restrained	212.42	205.52	199.59	190.92	177.93	171.25	184.43	159.54	151.71
I-4 Institutional, day care facilities	187.63	181.26	176.01	168.60	155.33	151.11	168.69	139.15	134.82
M Mercantile	136.25	130.95	125.45	119.44	109.43	106.11	113.60	94.63	90.83
R-1 Residential, hotels	189.35	182.99	177.74	170.33	156.80	152.58	170.42	140.62	136.29
R-2 Residential, multiple family	158.84	152.48	147.23	139.81	127.05	122.83	139.91	110.87	106.54
R-3 Residential, one- and two-family ^d	148.17	144.14	140.42	136.90	131.89	128.41	134.60	123.40	116.15
R-4 Residential, care/assisted living facilities	187.63	181.26	176.01	168.60	155.33	151.11	168.69	139.15	134.82
S-1 Storage, moderate hazard	103.68	98.53	92.40	88.50	78.80	74.84	84.43	64.78	60.12
S-2 Storage, low hazard	102.68	97.53	92.40	87.50	78.80	73.84	83.43	64.78	59.12
U Utility, miscellaneous	80.38	75.90	71.16	67.61	60.99	57.00	64.60	48.23	45.92

- a. Private Garages use Utility, miscellaneous
- b. For shell only buildings deduct 20 percent
- c. N.P. = not permitted
- d. Unfinished basements (Group R-3) = \$21.00 per sq. ft.