

ALASKA LEGISLATURE SPECIAL COMMITTEE/SUBJECT FILES 8672

2545 SCOMM 111: DEFERRED MAINTENANCE TASK FORCE, 1997

TABLE 10-A—MINIMUM EGRESS REQUIREMENTS<sup>1</sup>—(Continued)

| USE <sup>2</sup>                      | MINIMUM OF TWO EXITS OTHER THAN ELEVATORS ARE REQUIRED WHERE NUMBER OF OCCUPANTS IS AT LEAST | OCCUPANT LOAD FACTOR <sup>3</sup><br>(square feet)<br>× 0.0029 for m <sup>2</sup> |
|---------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                       |                                                                                              |                                                                                   |
| 19. Malls (see Chapter 4)             | —                                                                                            | —                                                                                 |
| 20. Manufacturing areas               | 30                                                                                           | 200                                                                               |
| 21. Mechanical equipment room         | 30                                                                                           | 300                                                                               |
| 22. Nurseries for children (day care) | 7                                                                                            | 35                                                                                |
| 23. Offices                           | 30                                                                                           | 100                                                                               |
| 24. School shops and vocational rooms | 50                                                                                           | 50                                                                                |
| 25. Skating rinks                     | 50                                                                                           | 50 on the skating area:<br>15 on the deck                                         |
| 26. Storage and stock rooms           | 30                                                                                           | 300                                                                               |
| 27. Stores—retail sales rooms         |                                                                                              |                                                                                   |
| Basements and ground floor            | 50                                                                                           | 30                                                                                |
| Upper floors                          | 50                                                                                           | 60                                                                                |
| 28. Swimming pools                    | 50                                                                                           | 50 for the pool area:<br>15 on the deck                                           |
| 29. Warehouses                        | 30                                                                                           | 500                                                                               |
| 30. All others                        | 50                                                                                           | 100                                                                               |

<sup>1</sup>Access to, and egress from, buildings for persons with disabilities shall be provided as specified in Chapter 11.

<sup>2</sup>For additional provisions on number of exits from Groups H and I Occupancies and from rooms containing fuel-fired equipment or cellulose nitrate, see Sections 1018, 1019 and 1020, respectively.

<sup>3</sup>This table shall not be used to determine working space requirements per person.

<sup>4</sup>Occupant load based on five persons for each alley, including 15 feet (4572 mm) of runway.

TABLE 10-B—CALCULATION FOR MINIMUM WIDTH IN BUILDINGS WITHOUT SMOKE-PROTECTED ASSEMBLY SEATING<sup>1</sup>

| NUMBER OF SEATS | STAIRS   | INCH OF CLEAR WIDTH PER SEAT SERVED<br>PASSAGEWAY, RAMPS AND DOORWAYS |
|-----------------|----------|-----------------------------------------------------------------------|
|                 |          | × 25.4 for mm                                                         |
| Unlimited       | 0.300 AB | 0.220 C                                                               |

<sup>1</sup>See Section 1014.3 for determination of values A, B and C.

TABLE 10-C—CALCULATION FOR MINIMUM WIDTH IN BUILDINGS WITH SMOKE-PROTECTED ASSEMBLY SEATING<sup>1</sup>

| NUMBER OF SEATS | STAIRS   | INCH OF CLEAR WIDTH PER SEAT SERVED<br>PASSAGEWAYS, RAMPS AND DOORWAYS |
|-----------------|----------|------------------------------------------------------------------------|
|                 |          | × 25.4 for mm                                                          |
| 2,000           | 0.300 AB | 0.220 C                                                                |
| 5,000           | 0.200 AB | 0.150 C                                                                |
| 10,000          | 0.130 AB | 0.100 C                                                                |
| 15,000          | 0.096 AB | 0.070 C                                                                |
| 20,000          | 0.076 AB | 0.056 C                                                                |
| 25,000 or more  | 0.060 AB | 0.044 C                                                                |

<sup>1</sup>See Section 1014.3 for determination of values A, B and C.

## Chapter 30 ELEVATORS, DUMBWAITERS, ESCALATORS AND MOVING WALKS

### SECTION 3001 — SCOPE

The provisions of this chapter shall apply to the design, construction, installation, operation, alteration and repair of elevators, dumbwaiters, escalators and moving walks and their hoistways.

### SECTION 3002 — ELEVATOR AND ELEVATOR LOBBY ENCLOSURES

Walls and partitions enclosing elevator and dumbwaiter hoistway shafts and escalator shafts shall not be of less than the fire-resistive construction required under Types of Construction in Chapter 6 of this code.

Elevator hoistway shaft enclosure walls not required to have a fire-resistive rating may be constructed with glass. Such glass shall be laminated glass that passes the test requirements of Part I of U.B.C. Standard 24-2.

Elevator lobbies shall have at least one exit. The use of such exit shall not require keys, tools or special knowledge or effort.

### SECTION 3003 — SPECIAL PROVISIONS

**3003.1 Number of Cars in Hoistway.** When there are three or fewer elevator cars in a building, they may be located within the same hoistway enclosure. When there are four elevator cars, they shall be divided in such a manner that at least two separate hoistway enclosures are provided. When there are more than four elevators, not more than four elevator cars may be located within a single hoistway enclosure.

**3003.2 Smoke-detection Recall.** When the elevator vertical travel is 25 feet (7620 mm) or more, each associated elevator lobby or entrance area and associated machine rooms shall be provided with an approved listed smoke detector for elevator recall purposes only. The detector may serve to close the elevator lobby door and additional doors at the hoistway opening allowed in Section 3006.

When the lobby or entrance area smoke detector, or machine room smoke detector is activated, elevator doors shall be prevented from opening and all cars serving that lobby or entrance area, or served by equipment in that machine room, shall return to the main floor where they shall be under manual control only. If the main floor or transfer floor lobby or entrance-area smoke detector is activated, all cars serving the main floor or transfer floor shall return to a location approved by the chief of the fire department and building official where they shall be under manual control only.

**3003.3 Standby Power.** Standby power when required by Section 403 shall be provided to at least one elevator in each bank. Standby power shall be manually transferable to all elevators in each bank. Standby power shall be provided by an approved self-contained generator set to operate automatically whenever there is a loss of electrical power to the building. The generator set shall be located in a separate room enclosed by at least a one-hour fire-resistive occupancy separation. The generator shall have a fuel supply adequate to operate the equipment connected to it for a minimum of two hours.

**EXCEPTIONS:** 1. Where a single elevator serves all floor levels in the building and is located so that all areas of the building can be reached within a travel distance of 300 feet (91.44 m) from the elevator, then only that elevator need be provided with standby power.

2. Standby power shall be capable of operating one elevator at a time in any bank or group of banks having a common lobby.

when the call is answered. Depth of flush or recessed button when operated shall not exceed  $\frac{3}{8}$  inch (10 mm).

**3003.4.15 Hall lantern.** A visual and audible signal shall be provided at each hoistway entrance indicating to the prospective passenger the car answering the call and its direction of travel.

The visual signal for each direction shall be a minimum of  $2\frac{1}{2}$  inches (64 mm) in size and visible from the proximity of the hall call button.

The audible signal shall sound once for the up direction and twice for the down direction.

The center line of the fixture shall be located a minimum of 6 feet (1829 mm) from the floor.

The use of in-car lanterns conforming to above and located in jamb shall be acceptable.

**3003.4.16 Doorjamb marking.** The floor designation shall be provided at each hoistway entrance on both sides of jamb visible from within the car and the elevator lobby at a height of 60 inches (1524 mm) above the floor. Designations shall be on a contrasting background 2 inches (51 mm) high and raised 0.030 inch (0.8 mm).

Applied plates permanently attached shall be acceptable.

**3003.5 Stretcher Requirements.** In all structures four or more stories in height, at least one elevator shall be provided with a minimum clear distance between walls or between walls and door excluding return panels, not less than 80 inches by 54 inches (2032 mm by 1372 mm), and a minimum distance from wall to return panel not less than 51 inches (1295 mm) with a 42-inch (1067 mm) side slide door, unless otherwise designed to accommodate an ambulance-type stretcher 76 inches (1930 mm) by 24 inches (610 mm) in the horizontal position.

In buildings where one elevator does not serve all floors, two or more elevators may be used. The elevators shall be identified by the international symbol for emergency medical services (Star of Life). The symbol shall not be less than 3 inches (76 mm) and placed inside on both sides of the hoistway door frame. The symbol shall be placed no lower than 78 inches (1981 mm) from the floor level or higher than 84 inches (2134 mm) from floor level.

**3003.6 Emergency Signs.** Except at the main entrance level, an approved pictorial sign of a standardized design shall be posted adjacent to each elevator call station which will indicate that, in case of fire, the elevator will not operate and that exit stairways should be used.

**3003.7 Restricted or Limited-use Elevators.** The building official may waive the requirements of this section for any elevator designed for limited or restricted use serving only specific floors or a specific function.

## **SECTION 3004 — HOISTWAY VENTING**

Shafts (hoistways) housing elevators extending through more than two floor levels shall be vented to the outside. The area of the vent shall not be less than  $3\frac{1}{2}$  percent of the area of the elevator shaft, provided a minimum of 3 square feet (0.279 m<sup>2</sup>) per elevator is provided. Vents shall be capable of manual operation only.

The venting of each individual hoistway shall be independent from any other hoistway venting, and the interconnection of separate hoistways for the purpose of venting is prohibited.

## **SECTION 3005 — ELEVATOR MACHINE ROOM**

**3005.1 Operation Solid-state Equipment.** When solid-state equipment is used to operate the elevators, the elevator equipment room shall be provided with an independent ventilation or air-conditioning system to prevent the overheating of the electrical equipment. The operating temperature shall be established by the elevator equipment manufacturer's specification. When standby

## SECTION 101 MACHINE ROOMS AND MACHINERY SPACES

### Rule 101.1 Enclosure of Machine Rooms and Machinery Spaces

- ② **101.1a Enclosures Required for Elevators Having Fire-Resistive Hoistway Enclosures.** Spaces containing machines, control equipment, sheaves, and other machinery shall be protected from the weather, and shall be enclosed with fire-resistive enclosures. Enclosures and access doors thereto shall have a fire endurance at least equal to that required for the hoistway enclosure.

#### EXCEPTIONS (Rule 101.1a)

- ③ (1) Partitions between elevator machine rooms and fire-resistive hoistways (see Rule 100.1a(2)).  
(2) Screw machines may be installed inside the hoistway without additional enclosures provided that the control equipment shall be located outside the hoistway.  
(3) Enclosures located above the roof level may be of the openwork type. Such enclosures shall reject a ball 2 in. (51 mm) in diameter and shall be of noncombustible material.

NOTE (Rule 101.1a): See Rule 100.3 for floors of machine rooms and machinery spaces over hoistways.

**Rule 101.1a** Where a 2 hr fire-resistive hoistway enclosure is required, the machine room and/or machinery space must be enclosed by a 2 hr fire-resistive enclosure. Where a 1 hr hoistway enclosure is required, a 1 hr machine room and/or machinery space enclosure is required. Entrances to machine rooms and/or machinery spaces that are enclosed by fire-resistive construction must be rated at 1½ hr when a 2 hr fire-resistive hoistway enclosure is provided. When the hoistway and machine room enclosure has a fire-resistive rating other than 2 hr, the entrance rating must be as specified in the building code (see Section 3 definitions).

**101.1b Enclosures Required for Elevators Having Non-Fire-Resistive Hoistway Enclosures.** Spaces containing machines, control equipment, sheaves, and other machinery shall be enclosed with noncombustible material extending to a height of not less than 6 ft (1.83 m). Openwork material, if used, shall reject a ball 2 in. (51 mm) in diameter.

### Rule 101.2 Equipment in Machine Rooms

**Rule 101.2** The intent of this requirement is to prevent unauthorized personnel from entering an

area that is hazardous to the untrained. When the machine room is located at the top of the hoistway, other mechanical equipment essential to the operation of the building, such as HVAC equipment, can be in the same room provided the elevator machine and associated control equipment are separated from the other equipment by a 6 ft (1.83 m) high metal grille enclosure with a self-closing and self-locking gate. Clearances from electrical equipment in the enclosure must be maintained as required by other Rules in this Code and the National Electrical Code (see also Rule 210.4).

When the elevator machine room is not located at the top of the hoistway, equipment not essential to the operation of the elevator is prohibited from being in the machine room, as there would be no means to limit the spread of fire which started in a basement machine room. For this reason, the fire loading in the basement elevator machine room is limited to elevator machinery and equipment required for the operation of the elevator.

Elevator machine room and/or machinery spaces should only contain elevator machinery and associated control equipment (Rule 101.2a). Foreign equipment such as TV antenna controls, radio transmission equipment, etc. should not be in this room. Electronic and radio transmission equipment located in an elevator machine room could cause interference with solid state devices.

**101.2a Equipment Permitted in Machinery and Control Spaces.** Elevator machine and control equipment may be located in a room or space containing other machinery and equipment essential to the operation of the building, provided that they are separated from the other machinery or equipment by a substantial metal grille enclosure not less than 6 ft (1.83 m) high with a self-closing and self-locking door. The grille enclosure shall be of a design which will reject a ball 2 in. (51 mm) in diameter.

**101.2b Equipment Prohibited in Machine Room.** Where the elevator machine and control equipment are not located at the top of the hoistway, only machinery and equipment required for the operation of the elevator shall be permitted in the elevator machine room.

TABLE A-29-A—MINIMUM PLUMBING FIXTURES<sup>1, 2, 3</sup>

| TYPE OF BUILDING OR OCCUPANCY <sup>4</sup>                                                                                                                                                                             | WATER CLOSETS <sup>5</sup><br>(fixtures per person)                                                                                                 |                                                                      | LAVATORIES <sup>6</sup><br>(fixtures per person)                                                |                                   | BATHTUB OR SHOWER<br>(fixtures per person) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|
|                                                                                                                                                                                                                        | MALE                                                                                                                                                | FEMALE                                                               | MALE                                                                                            | FEMALE                            |                                            |
| For the occupancies listed below, use 30 square feet (2.29 m <sup>2</sup> ) per occupant for the minimum number of plumbing fixtures.                                                                                  |                                                                                                                                                     |                                                                      |                                                                                                 |                                   |                                            |
| <b>Group A</b><br>Conference rooms, dining rooms, drinking establishments, exhibit rooms, gymnasiums, lounges, stages and similar uses including restaurants classified as Group B Occupancies                         | 1:1-25<br>2:26-75<br>3:76-125<br>4:126-200<br>5:201-300<br>6:301-400<br>Over 400, add one fixture for each additional 200 males or 150 females.     | 1:1-25<br>2:26-75<br>3:76-125<br>4:126-200<br>5:201-300<br>6:301-400 | one for each water closet up to four; then one for each two additional water closets            |                                   |                                            |
| For the assembly occupancies listed below, use the number of fixed seating or, where no fixed seating is provided, use 15 square feet (1.39 m <sup>2</sup> ) per occupant for the minimum number of plumbing fixtures. |                                                                                                                                                     |                                                                      |                                                                                                 |                                   |                                            |
| <b>Assembly places—</b><br>Auditoriums, convention halls, dance floors, lodge rooms, stadiums and casinos                                                                                                              | 1:1-50<br>2:51-100<br>3:101-150<br>4:151-300<br>Over 300 males, add one fixture for each additional 200, and over 400 females add one for each 125. | 3:1-50<br>4:51-100<br>6:101-200<br>8:201-400                         | 1:1-200<br>2:201-400<br>3:401-750<br>Over 750, add one fixture for each additional 500 persons. | 1:1-200<br>2:201-400<br>3:401-750 |                                            |
| For the assembly occupancies listed below, use the number of fixed seating or, where no fixed seating is provided, use 30 square feet (2.29 m <sup>2</sup> ) per occupant for the minimum number of plumbing fixtures. |                                                                                                                                                     |                                                                      |                                                                                                 |                                   |                                            |
| <b>Worship places</b><br>Principal assembly area<br>Worship places<br>Educational and activity unit                                                                                                                    | one per 150<br>one per 125                                                                                                                          | one per 75<br>one per 75                                             | one per 2 water closets<br>one per 2 water closets                                              |                                   |                                            |
| For the occupancies listed below, use 200 square feet (18.58 m <sup>2</sup> ) per occupant for the minimum number of plumbing fixtures.                                                                                |                                                                                                                                                     |                                                                      |                                                                                                 |                                   |                                            |
| <b>Group B</b>                                                                                                                                                                                                         | 1:1-15<br>2:16-35<br>3:36-55<br>Over 55, add one for each 50 persons.                                                                               | 1:1-15<br>2:16-35<br>3:36-55                                         | one per 2 water closets                                                                         |                                   |                                            |

(Continued)

|                                                                                                                                                                                                                                                                                                             |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jails and reformatories                                                                                                                                                                                                                                                                                     |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Cell                                                                                                                                                                                                                                                                                                        | one per cell                                                                                                                                    | one per cell                                                                                                   |                                                                                                                                                                               |
| Exercise room                                                                                                                                                                                                                                                                                               | one per exercise room                                                                                                                           | one per exercise room                                                                                          |                                                                                                                                                                               |
| Other institutions (on each occupied floor)                                                                                                                                                                                                                                                                 | one per 25                                                                                                                                      | one per 25                                                                                                     | one per 10                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                             |                                                                                                                                                 |                                                                                                                | one per 10                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                             |                                                                                                                                                 |                                                                                                                | one per eight                                                                                                                                                                 |
| For the occupancies listed below, use 200 square feet (18.58 m <sup>2</sup> ) per occupant for the minimum number of plumbing fixtures.                                                                                                                                                                     |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Group M                                                                                                                                                                                                                                                                                                     |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Retail or wholesale stores                                                                                                                                                                                                                                                                                  | 1:1-50<br>2:51-100<br>3:101-400<br>4:201-300 5:301-400<br>Over 400, add one fixture for each additional 500 males and one for each 150 females. | 1:1-50<br>2:51-100<br>3:101-200                                                                                | One for each two water closets.                                                                                                                                               |
| For Group R Occupancies, dwelling units and hotel guest rooms, use the chart. For congregate residences, use 200 square feet (18.58 m <sup>2</sup> ) for Group R, Division 1 Occupancies and 300 square feet (27.87 m <sup>2</sup> ) for Group R, Division 3 Occupancies for the minimum plumbing fixtures. |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Group R                                                                                                                                                                                                                                                                                                     |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Dwelling units                                                                                                                                                                                                                                                                                              | one per dwelling unit                                                                                                                           | one per dwelling unit                                                                                          | one per dwelling unit                                                                                                                                                         |
| Hotel guest rooms                                                                                                                                                                                                                                                                                           | one per guest room                                                                                                                              | one per guest room                                                                                             | one per guest room                                                                                                                                                            |
| Congregate residences                                                                                                                                                                                                                                                                                       | one per 10<br>Add one fixture for each additional 25 males and one for each additional 20 females.                                              | one per eight<br>Over 12, add one fixture for each additional 20 males and one for each additional 15 females. | one per 12<br>Over 12, add one fixture for each additional 20 males and one for each additional 15 females.                                                                   |
| For the occupancies listed below, use 5,000 square feet (464.5 m <sup>2</sup> ) per occupant for the minimum number of plumbing fixtures.                                                                                                                                                                   |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Group S                                                                                                                                                                                                                                                                                                     |                                                                                                                                                 |                                                                                                                |                                                                                                                                                                               |
| Warehouses                                                                                                                                                                                                                                                                                                  | 1:1-10<br>2:11-25<br>3:26-50<br>4:51-75<br>5:76-100<br>Over 100, add one for each 300 males and females.                                        | 1:1-10<br>2:11-25<br>3:26-50<br>4:51-75 5:76-100                                                               | One per 40 occupants of each sex.<br><br>one shower for each 15 persons exposed to excessive heat or to skin contamination with poisonous, infectious or irritating materials |

<sup>1</sup>The figures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction thereof.

<sup>2</sup>Any category not mentioned specifically or about which there are any questions shall be classified by the building official and included in the category which it most nearly resembles, based on the expected use of the plumbing facilities.

<sup>3</sup>Where urinals are provided, one water closet less than the number specified may be provided for each urinal installed, except the number of water closets in such cases shall not be reduced to less than one half of the minimum specified.

<sup>4</sup>Drinking fountains shall not be installed in toilet rooms.

<sup>5</sup>Twenty-four inches (610 mm) of wash sink or 18 inches (457 mm) of a circular basin, when provided with water outlets for such space, shall be considered equivalent to one lavatory.

<sup>6</sup>When the design occupant load is less than 10 persons, a facility usable by either sex may be approved by the building official.

**NOTE:** Occupant loads over 30 shall have one drinking fountain for each 150 occupants.

# APPENDIX B

## APPENDIX B OCCUPANT LOAD AND EXIT CALCULATIONS

October 1995

| Rooms                                          | Area           | Occ.<br>Factor | Occ. Load     |
|------------------------------------------------|----------------|----------------|---------------|
| <b>FIRST FLOOR</b>                             |                |                |               |
| <b>JUDICIAL SERVICES (PRISONER HOLDING)</b>    |                |                |               |
| AST 145                                        | 260            | 15             | 17.33         |
| Office 144                                     | 142            | 100            | 1.42          |
| Office/ CL147                                  | 60             | 100            | 0.60          |
| Storage 148                                    | 35             | 300            | 0.12          |
| Janitor 149                                    | 20             | -              | -             |
| Break 150                                      | 45             | 15             | 3.00          |
| Cell 152A                                      | 42             | 15             | 2.80          |
| Cell 152B                                      | 130.25         | 15             | 8.68          |
| Open Office 152                                | 400.5          | 100            | 4.01          |
| Office 162                                     | 80             | 100            | 0.80          |
| Office 163                                     | 60             | 100            | 0.60          |
| <b>SUBTOTAL</b>                                | <b>1274.75</b> |                | <b>39.36</b>  |
| <b>JURY ASSEMBLY (COURT SERVICES)</b>          |                |                |               |
| Jury Assembly 161                              | 1415           | NA             | *96.00        |
| Jury Clerk 156                                 | 228            | 100            | 2.28          |
| Office 157                                     | 114            | 100            | 1.14          |
| Office 158                                     | 176            | 100            | 1.76          |
| Copy                                           | 99             | 100            | 0.99          |
| <b>SUBTOTAL</b>                                | <b>2032</b>    |                | <b>102.17</b> |
| <b>TRAFFIC COURT (MAGISTRATES AND MASTERS)</b> |                |                |               |
| Office 105                                     | 120            | 100            | 1.20          |
| Office 104                                     | 120            | 100            | 1.20          |
| Courtroom 5                                    | 991.75         | NA             | *58.00        |
| <b>SUBTOTAL</b>                                | <b>1231.75</b> |                | <b>60.40</b>  |
| <b>ACCOUNTING/TRAFFIC</b>                      |                |                |               |

**FAIRBANKS COURTHOUSE  
FEASIBILITY STUDY  
VOLUME II: FACILITY  
CONDITION REPORT**

| Rooms                                                     | Area          | Occ.<br>Factor | Occ. Load    |
|-----------------------------------------------------------|---------------|----------------|--------------|
| Office 112                                                | 115.5         | 100            | 1.16         |
| Traffic Arraignments 107                                  | 908           | 100            | 9.08         |
| <b>SUBTOTAL</b>                                           | <b>1023.5</b> |                | <b>10.24</b> |
| <b>TRANSCRIPTS</b>                                        |               |                |              |
| Transcripts 116                                           | 688           | 100            | 6.88         |
| Office 112                                                | 115.5         | 100            | 1.16         |
| Office 111                                                | 136           | 100            | 1.36         |
| Office 117                                                | 127.5         | 100            | 1.28         |
| Files 118                                                 | 157.5         | 300            | 0.53         |
| Storage 113                                               | 27            | 300            | 0.09         |
| <b>SUBTOTAL</b>                                           | <b>1251.5</b> |                | <b>11.30</b> |
| <b>CORONER/VITAL STATISTICS (MAGISTRATES AND MASTERS)</b> |               |                |              |
| Storage 119                                               | 115.5         | 300            | 0.39         |
| Storage 120                                               | 99.75         | 300            | 0.33         |
| Coroner 137                                               | 285           | 100            | 2.85         |
| Storage 136                                               | 108.75        | 300            | 0.36         |
| Office 135                                                | 130           | 100            | 1.30         |
| Office 134                                                | 135           | 100            | 1.35         |
| Storage 133                                               | 112           | 300            | 0.37         |
| Marriage 138                                              | 231           | 100            | 2.31         |
| <b>SUBTOTAL</b>                                           | <b>1217</b>   |                | <b>9.26</b>  |
| <b>LAW LIBRARY</b>                                        |               |                |              |
| Law Library 131                                           | 4626          | 50             | *92.52       |
| Copy 127                                                  | 264           | 100            | 2.64         |
| Storage 130                                               | 121           | 300            | 0.40         |
| Office 132                                                | 144           | 100            | 1.44         |
| Office 139                                                | 156           | 100            | 1.56         |
| <b>SUBTOTAL</b>                                           | <b>5311</b>   |                | <b>98.56</b> |

| Rooms                                                        | Area            | Occ. Factor | Occ. Load     |
|--------------------------------------------------------------|-----------------|-------------|---------------|
| <b>BUILDING SERVICES</b>                                     |                 |             |               |
| Maint. Shop 121                                              | 249.75          | 100         | 2.50          |
| Maint. Storage 164                                           | 141.75          | 300         | 0.47          |
| Electrical 163                                               | 94.5            | -           | -             |
| Mechanical 122                                               | 602             | -           | -             |
| Security 191                                                 | 287             | 100         | 2.87          |
| Restrooms                                                    |                 |             |               |
| Men 125                                                      | 231             | -           | -             |
| Women 126                                                    | 225.5           | -           | -             |
| <b>SUBTOTAL</b>                                              | <b>1831.5</b>   |             | <b>5.84</b>   |
| <b>TOTAL - Floor occupancy</b>                               | <b>15173 sf</b> |             | <b>337.13</b> |
| <b>CALCULATIONS FOR NUMBER OF EXITS REQUIRED - 1ST FLOOR</b> |                 |             |               |
| Total Floor Occupancy                                        |                 |             | 337.13        |
| No. of exits required                                        |                 |             | 2.00          |
| <b>CALCULATION FOR WIDTH OF EXITS REQUIRED</b>               |                 |             |               |
| Total Floor Occupancy                                        |                 |             | 337.13        |
| No. of exits provided                                        |                 |             | 8.00          |
| Total required exit door width                               |                 | 0.2         | 67.43"        |
| Total exit width provided                                    |                 |             | 432"          |
| * Need two exits                                             |                 |             |               |

| Rooms                                                  | Area          | Occ.<br>Factor | Occ. Load   |
|--------------------------------------------------------|---------------|----------------|-------------|
| <b>SECOND FLOOR</b>                                    |               |                |             |
| <b>AREA COURT<br/>ADMINISTRATOR</b>                    |               |                |             |
| ACA/Personnel/Bailiff 202                              | 440.5         | 100            | 4.41        |
| Storage 201                                            | 200           | 300            | 0.67        |
| Office 201A                                            | 152           | 100            | 1.52        |
| Office 203                                             | 280           | 100            | 2.80        |
| <b>SUBTOTAL</b>                                        | <b>1072.5</b> |                | <b>9.40</b> |
| <b>CHILD CUSTODY INVESTIGATION</b>                     |               |                |             |
| CI Office 209                                          | 371           | 100            | 3.71        |
| Office 207                                             | 120           | 100            | 1.20        |
| Office 211                                             | 120           | 100            | 1.20        |
| <b>SUBTOTAL</b>                                        | <b>611</b>    |                | <b>6.11</b> |
| <b>COMMITTING MAGISTRATE (MAGISTRATES AND MASTERS)</b> |               |                |             |
| CM Office 210A                                         | 244           | 100            | 2.44        |
| Office 212                                             | 217           | 100            | 2.17        |
| Office 210                                             | 132           | 100            | 1.32        |
| <b>SUBTOTAL</b>                                        | <b>593</b>    |                | <b>5.93</b> |
| <b>SUPERIOR COURT JUDGES' CHAMBERS</b>                 |               |                |             |
| J.C. 216                                               | 538.5         | 100            | 5.39        |
| Office 213                                             | 162.75        | 100            | 1.63        |
| Office 218                                             | 105           | 100            | 1.05        |
| Office 219                                             | 110.25        | 100            | 1.10        |
| <b>SUBTOTAL</b>                                        | <b>916.5</b>  |                | <b>9.17</b> |
| <b>INCOURTS</b>                                        |               |                |             |
| Office 221                                             | 210           | 100            | 2.10        |
| Office 220                                             | 175           | 100            | 1.75        |
| <b>SUBTOTAL</b>                                        | <b>385</b>    |                | <b>3.85</b> |

FAIRBANKS COURTHOUSE  
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CONDITION REPORT

| Rooms                                                  | Area          | Occ. Factor | Occ. Load   |
|--------------------------------------------------------|---------------|-------------|-------------|
| <b>PROBATES/A.L. CLOSUIT (MAGISTRATES AND MASTERS)</b> |               |             |             |
| Office 228                                             | 237.25        | 100         | 2.37        |
| Office 223                                             | 225           | 100         | 2.25        |
| Office 224                                             | 118.5         | 100         | 1.19        |
| File 225                                               | 156           | 300         | 0.52        |
| Office 227                                             | 156           | 100         | 1.56        |
| <b>SUBTOTAL</b>                                        | <b>892.75</b> |             | <b>7.89</b> |
| <b>SPECIAL ASSAULT UNIT (D.A.)</b>                     |               |             |             |
| Office 251                                             | 200           | 100         | 2.00        |
| Office 250                                             | 232           | 100         | 2.32        |
| <b>SUBTOTAL</b>                                        | <b>432</b>    |             | <b>4.32</b> |
| <b>DISTRICT ATTORNEY (LEASING)</b>                     |               |             |             |
| Office 229                                             | 136.5         | 100         | 1.37        |
| Office 229A                                            | 94.5          | 100         | 0.95        |
| Storage 231                                            | 112.5         | 300         | 0.38        |
| Office 230                                             | 133           | 100         | 1.33        |
| D.A. 233                                               | 250           | 100         | 2.50        |
| Office 232                                             | 142.5         | 100         | 1.43        |
| Office 235                                             | 135           | 100         | 1.35        |
| Office 236                                             | 135           | 100         | 1.35        |
| D.A. Office 237                                        | 487.5         | 100         | 4.88        |
| Office 238                                             | 156.25        | 100         | 1.56        |
| Office 239                                             | 112.5         | 100         | 1.13        |
| Office 240                                             | 131.25        | 100         | 1.31        |
| Office 242                                             | 187.5         | 100         | 1.88        |
| Open Office 241                                        | 681.5         | 100         | 6.82        |
| Files 244                                              | 293.75        | 300         | 0.98        |
| Office 246                                             | 161           | 100         | 1.61        |

| Rooms                                    | Area           | Occ.<br>Factor | Occ. Load     |
|------------------------------------------|----------------|----------------|---------------|
| <b>DISTRICT ATTORNEY (LEASING) Cont.</b> |                |                |               |
| Dept of Law 247                          | 306            | 100            | 3.06          |
| Office 245                               | 72             | 100            | 0.72          |
| Office 247A                              | 76.5           | 100            | 0.77          |
| Office 248                               | 175            | 100            | 1.75          |
| Office 249                               | 203            | 100            | 2.03          |
| <b>SUBTOTAL</b>                          | <b>4182.75</b> |                | <b>39.16</b>  |
| <b>GRAND JURY</b>                        |                |                |               |
| Grand Jury 258C                          | 645.75         | NA             | 23.00         |
| Toilet 258D                              | 22.5           | -              | -             |
| Toilet 258E                              | 25             | -              | -             |
| Vestibule 258F                           | 55             | -              | -             |
| Anteroom 258B                            | 145            | 100            | 1.45          |
| <b>SUBTOTAL</b>                          | <b>893.25</b>  |                | <b>24.45</b>  |
| <b>SUPERIOR COURTROOMS E AND D</b>       |                |                |               |
| Anteroom 263A                            | 119            | 100            | 1.19          |
| Sup Ctroom E/258A<br>(with soundlock)    | 661.5          | NA             | 33.00         |
| Sup Ctroom D/258                         | 1618.5         | NA             | *94.00        |
| Storage 260                              | 217            | 300            | 0.72          |
| Jury Rm 259                              | 281.25         | NA             | -             |
| Toilet 259 B                             | 30             | -              | -             |
| Toilet 259 A                             | 30             | -              | -             |
| <b>SUBTOTAL</b>                          | <b>2957.25</b> |                | <b>128.91</b> |

FAIRBANKS COURTHOUSE  
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| Rooms                                                     | Area                   | Occ. Factor | Occ. Load     |
|-----------------------------------------------------------|------------------------|-------------|---------------|
| <b>BLDG SERVICES</b>                                      |                        |             |               |
| Telephone 234                                             | 21                     | -           | -             |
| Mech 222                                                  | 259                    | -           | -             |
| Mech 256                                                  | 255                    | -           | -             |
| Janitor                                                   | 87.5                   | -           | -             |
| Men 264                                                   | 108                    | -           | -             |
| Women 263                                                 | 104                    | -           | -             |
| Men 254                                                   | 189.75                 | -           | -             |
| Women/252/254                                             | 315                    | -           | -             |
| <b>SUBTOTAL</b>                                           | <b>1339.25</b>         | <b>-</b>    | <b>-</b>      |
| <b>TOTAL FLOOR OCCUPANCY</b>                              | <b>14275.25<br/>sf</b> |             | <b>239.19</b> |
| <b>CALCULATION FOR NUMBER OF EXITS REQUIRED 2ND FLOOR</b> |                        |             |               |
| Total Floor Occupancy                                     |                        |             | 239.19        |
| No. of exits required                                     |                        |             | 2.00          |
|                                                           |                        |             |               |
| <b>CALCULATION FOR WIDTH OF EXITS REQUIRED</b>            |                        |             |               |
| Total Floor Occupancy                                     |                        |             | 239.19        |
| No. of exits provided                                     |                        |             | 3.00          |
| Total required exit door width                            |                        | 0.2         | 47.84"        |
| Total exit width provided                                 |                        |             | 108"          |
| Min width/exit door                                       |                        |             | 36"           |
| Total exit stair width/flr                                |                        | 0.3         | 71.76"        |
| Min. Width/Exit stair                                     |                        |             | 23.92"        |
| <b>* Need two exits</b>                                   |                        |             |               |

FAIRBANKS COURTHOUSE  
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| Rooms                        | Area    | Occ.<br>Factor | Occ. Load |
|------------------------------|---------|----------------|-----------|
| <b>THIRD FLOOR</b>           |         |                |           |
| <b>CLERK OF COURT OFFICE</b> |         |                |           |
| COC Office 342               | 4386.75 | 100            | 43.87     |
| Office 301                   | 146.25  | 100            | 1.46      |
| Office 301A                  | 161.5   | 100            | 1.62      |
| Office 342A                  | 166.25  | 100            | 1.66      |
| Office 342B                  | 166.25  | 100            | 1.66      |
| Vault 342C                   | 120     | -              | -         |
| Office 342E                  | 198     | 100            | 1.98      |
| Office 326                   | 279     | 100            | 2.79      |
| <b>SUBTOTAL COCO</b>         | 5624    |                | *55.04    |
| <b>PRETRIAL SERVICES 341</b> | 217     | 100            | 2.17      |
| <b>SUBTOTAL</b>              | 5841    |                | 57.21     |
| <b>DISTRICT COURT</b>        |         |                |           |
| Attorney 320                 | 136     | 100            | 1.36      |
| Attorney 340                 | 128     | 100            | 1.28      |
| Witness 339                  | 80      | 100            | 0.80      |
| District Ctroom #1/319       | 1068.5  | NA             | *67.00    |
| Jury Rm 1 / 318              | 296     | NA             | -         |
| Toilet 317                   | 31.5    | -              | -         |
| District Ctroom #2/ 307      | 1047.25 | -              | *57.40    |
| Jury Room #2/309             | 271.25  | NA             | -         |
| Toilet 312                   | 27      | -              | -         |
| District Ctroom #3/303       | 935.75  | NA             | *54.00    |
| Jury Rm #3/303 A             | 165.75  | NA             | -         |
| Toilet 303B                  | 39      | -              | -         |
| <b>SUBTOTAL</b>              | 4226    |                | 181.89    |

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| Rooms                                   | Area           | Occ.<br>Factor | Occ. Load     |
|-----------------------------------------|----------------|----------------|---------------|
| <b>JUDGES CHAMBERS (DISTRICT COURT)</b> |                |                |               |
| Judges Chambers 313                     | 584.5          | 100            | 5.85          |
| Office 315                              | 246            | 100            | 2.46          |
| Office 314                              | 234            | 100            | 2.34          |
| Office 308                              | 201            | 100            | 2.01          |
| Toilet 311                              | 24             | -              | -             |
| Judges' Chambers 304                    | 279            | 100            | 2.79          |
| Toilet 343                              | 18             | -              | -             |
| Office 305                              | 242            | 100            | 2.42          |
| <b>SUBTOTAL</b>                         | <b>1828.5</b>  |                | <b>17.87</b>  |
| <b>SUPERIOR COURT</b>                   |                |                |               |
| Superior Ctroom #4 / 338                | 1195           | NA             | *78.00        |
| Anteroom 342D                           | 204            | 100            | 2.04          |
| Jury Room #4 / 338A                     | 307            | NA             | -             |
| Toilet 338B                             | 35.75          | -              | -             |
| <b>SUBTOTAL</b>                         | <b>1741.75</b> |                | <b>80.04</b>  |
| <b>BUILDING SERVICES</b>                |                |                |               |
| Men 323                                 | 189.75         | -              | -             |
| Women 324                               | 315            | -              | -             |
| Mech 322                                | 255            | -              | -             |
| Mech 306                                | 259            | -              | -             |
| Janitor 338A                            | 40             | -              | -             |
| <b>SUBTOTAL</b>                         | <b>1058.75</b> |                | <b>-</b>      |
| <b>TOTAL FLOOR<br/>OCCUPANCY</b>        | <b>14696</b>   |                | <b>336.96</b> |

| Rooms                                                       | Area | Occ.<br>Factor | Occ. Load |
|-------------------------------------------------------------|------|----------------|-----------|
| <b>CALCULATION FOR NUMBER OF EXITS REQUIRED - 3RD FLOOR</b> |      |                |           |
| Total floor occupancy                                       |      |                | 336.96    |
| No. of exits required                                       |      |                | 2.00      |
| <b>CALCULATION FOR WIDTH OF EXITS REQUIRED</b>              |      |                |           |
| Total floor occupancy                                       |      |                | 336.96    |
| No. of exits provided                                       |      |                | 3.00      |
| Total required exit door width                              |      | 0.2            | 67.39"    |
| Total exit width provided                                   |      |                | 108"      |
| Min. width/exit door                                        |      |                | 36"       |
| Total exit stair width/floor                                |      | 0.3            | 101.09"   |
| Min. width/exit stair                                       |      |                | 33.70"    |

| Rooms                                    | Area           | Occ.<br>Factor | Occ. Load    |
|------------------------------------------|----------------|----------------|--------------|
| <b>FOURTH FLOOR</b>                      |                |                |              |
| <b>SUPREME COURT</b>                     |                |                |              |
| S. Ct 418                                | 440.5          | 100            | 4.41         |
| Office 418A                              | 318            | 100            | 3.18         |
| Closet 418B                              | 66             | 300            | 0.22         |
| Conf. 418C                               | 100            | 15             | 6.70         |
| Office 418D                              | 115            | 100            | 1.15         |
| Office 418G                              | 120            | 100            | 1.20         |
| Library 418F                             | 466.25         | 50             | 9.33         |
| Toilet 418E                              | 44             | -              | -            |
| <b>SUBTOTAL</b>                          | <b>1669.75</b> |                | <b>26.19</b> |
| <b>IN-COURTS</b>                         |                |                |              |
| Vault 411B                               | 175            | -              | -            |
| Copy 411                                 | 201.5          | 100            | 2.02         |
| Storage 411A                             | 155            | 300            | 0.52         |
| Storage 407D                             | 140            | 300            | 0.47         |
| Storage 407C                             | 88             | 300            | 0.29         |
| Storage 407B                             | 44             | 300            | 0.15         |
| <b>SUBTOTAL</b>                          | <b>803.5</b>   |                | <b>3.45</b>  |
| <b>SUPERIOR COURTS</b>                   |                |                |              |
| Sup. Courtroom A/452<br>(with soundlock) | 1472.50        | NA             | *82.00       |
| Jury Room A/445                          | 308            | NA             | -            |
| Toilet 448                               | 33             | -              | -            |
| Toilet 449                               | 30             | -              | -            |
| Anteroom 451                             | 154            | 100            | 1.54         |
| Sup. Courtrm. B/443(w/sound<br>lock)     | 1401.25        | NA             | *82.00       |
| Jury Room B/444                          | 247.25         | NA             | -            |
| Toilet 446                               | 30             | -              | -            |
| Toilet 447                               | 33             | -              | -            |

FAIRBANKS COURTHOUSE  
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| Rooms                                    | Area           | Occ. Factor | Occ. Load     |
|------------------------------------------|----------------|-------------|---------------|
| Anteroom 450                             | 161            | 100         | 1.61          |
| Sup. Courtroom C/442                     | 1401.25        | NA          | *95.00        |
| Jury Room C/401                          | 421.75         | NA          | -             |
| Toilet 403                               | 26             | -           | -             |
| Toilet 402                               | 26             | -           | -             |
| Anteroom 442A                            | 80.75          | 100         | 8.08          |
| Jury Smoking 407                         | 408            | 15          | 27.20         |
| <b>SUBTOTAL</b>                          | <b>6233.75</b> |             | <b>297.43</b> |
| <b>JUDGES' CHAMBERS (SUPERIOR COURT)</b> |                |             |               |
| Sup Court 439                            | 1325           | 100         | 13.25         |
| Office 424                               | 310            | 100         | 3.10          |
| Toilet 453                               | 20.25          | -           | -             |
| Office 425                               | 270            | 100         | 2.70          |
| Office 426                               | 187.25         | 100         | 1.87          |
| Toilet 427/8                             | 40             | -           | -             |
| Office 429                               | 270            | 100         | 2.70          |
| Office 430                               | 199.75         | 100         | 2.00          |
| Toilet 431/2                             | 42.5           | -           | -             |
| Office 433                               | 288            | 100         | 2.88          |
| Office 434                               | 200.25         | 100         | 2.00          |
| Toilet                                   | 42.5           | -           | -             |
| Office 437                               | 297            | 100         | 2.97          |
| Office 438                               | 252            | 100         | 2.52          |
| Office 439C                              | 104.5          | 100         | 1.05          |
| Office 439B                              | 114            | 100         | 1.14          |
| Office 439A                              | 90.25          | 100         | 0.90          |
| <b>SUBTOTAL</b>                          | <b>4053.25</b> |             | <b>39.08</b>  |

FAIRBANKS COURTHOUSE  
FEASIBILITY STUDY  
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CONDITION REPORT

| Rooms                                                       | Area           | Occ. Factor | Occ. Load |
|-------------------------------------------------------------|----------------|-------------|-----------|
| <b>JUDICIAL SERVICES</b>                                    |                |             |           |
| Juvenile Holding                                            | 110            | 15          | 7.33      |
| <b>SUBTOTAL</b>                                             | 110            |             | 7.33      |
| <b>BUILDING SERVICES</b>                                    |                |             |           |
| Men 422                                                     | 189.75         | -           | -         |
| Women 423                                                   | 315            | -           | -         |
| Mech 420                                                    | 255            | -           | -         |
| Mech 404                                                    | 259            | -           | -         |
| Janitor 445A                                                | 22.5           | -           | -         |
| Janitor 440A                                                | 21             | -           | -         |
| <b>SUBTOTAL</b>                                             | 1062.25<br>sf  |             | -         |
| <b>TOTAL FLOOR OCCUPANCY</b>                                | 13932.50<br>sf |             | 366.15    |
| <b>CALCULATION FOR NUMBER OF EXITS REQUIRED - 4TH FLOOR</b> |                |             |           |
| Total Floor Occupancy                                       |                |             | 366.15    |
| No. of exits required                                       |                |             | 2.00      |
|                                                             |                |             |           |
| <b>CALCULATION FOR WIDTH OF EXITS REQUIRED</b>              |                |             |           |
| Total Floor Occupancy                                       |                |             | 366.15    |
| No. of exits provided                                       |                |             | 3.00      |
| Total required exit door width                              |                | 0.20        | 73.23"    |
| Total exit width provided                                   |                |             | 108"      |
| Min width/exit door                                         |                |             | 36"       |
| Total exit stair width/floor                                |                | 0.30        | 109.85"   |
| Min width exit stair/floor                                  |                |             | 36.62"    |

FAIRBANKS COURTHOUSE  
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| Rooms                                | Area     | Occ.<br>Factor | Occ. Load |
|--------------------------------------|----------|----------------|-----------|
| <b>PENTHOUSE (BUILDING SERVICES)</b> |          |                |           |
| Mech 500                             | 1673.75  | -              | -         |
| <b>SUBTOTAL</b>                      | 1673.75  |                | 0         |
| <b>TOTAL FLOOR<br/>OCCUPANCY</b>     | 1673.75  |                | 0         |
| <b>EXIT DOOR WIDTH</b>               |          |                | min 36"   |
| <b>EXIT STAIR WIDTH</b>              |          |                | min 36"   |
| <b>TOTAL BUILDING<br/>OCCUPANCY</b>  | 59750.50 |                | 1279.43   |

**Traffic/Arraignment Courtroom # 5 (First Floor)**

|                           |           |
|---------------------------|-----------|
| Audience<br>Bench Seating | 49        |
| Litigants/Defendants      | 4         |
| Witness                   | 1         |
| Security Officers         | 2         |
| Clerk                     | 1         |
| Judge                     | 1         |
| <b>TOTAL</b>              | <b>58</b> |

**Superior Courtroom D (Second Floor)**

|                                            |           |
|--------------------------------------------|-----------|
| Audience<br>Bench Seating<br>Other Seating | 56<br>14  |
| Litigants/Defendants                       | 4         |
| Witness                                    | 1         |
| Security Officers                          | 2         |
| Clerk                                      | 1         |
| Judge                                      | 1         |
| Jury                                       | 15        |
| <b>TOTAL</b>                               | <b>94</b> |

**Superior Courtroom E (Second Floor)**

|                           |           |
|---------------------------|-----------|
| Audience<br>Bench Seating | 23        |
| Litigants/Defendants      | 5         |
| Witness                   | 1         |
| Security Officers         | 2         |
| Clerk                     | 1         |
| Judge                     | 1         |
| <b>TOTAL</b>              | <b>33</b> |

**District Courtroom #1 (Third Floor)**

|                           |           |
|---------------------------|-----------|
| Audience<br>Bench Seating | 49        |
| Litigants/Defendants      | 6         |
| Witness                   | 1         |
| Security Officers         | 2         |
| Clerk                     | 1         |
| Judge                     | 1         |
| Jury                      | 7         |
| <b>TOTAL</b>              | <b>67</b> |

**District Courtroom #2 (Third Floor)**

|                           |             |
|---------------------------|-------------|
| Audience<br>Bench Seating | 41.4        |
| Litigants/Defendants      | 4           |
| Witness                   | 1           |
| Security Officers         | 2           |
| Clerk                     | 1           |
| Judge                     | 1           |
| Jury                      | 7           |
| <b>TOTAL</b>              | <b>57.4</b> |

**District Courtroom #3 (Third Floor)**

|                           |           |
|---------------------------|-----------|
| Audience<br>Bench Seating | 32        |
| Litigants/Defendants      | 4         |
| Witness                   | 1         |
| Security Officers         | 2         |
| Clerk                     | 1         |
| Judge                     | 1         |
| Jury                      | 13        |
| <b>TOTAL</b>              | <b>54</b> |

**Superior Courtroom #4 (Third Floor)**

|                      |    |
|----------------------|----|
| Audience             |    |
| Bench Seating        | 45 |
| Other Seating        | 10 |
| Litigants/Defendants | 6  |
| Witness              | 1  |
| Security Officers    | 2  |
| Clerk                | 1  |
| Judge                | 1  |
| Jury                 | 12 |
| TOTAL                | 78 |

**Superior Courtroom A (Fourth Floor)**

|                      |    |
|----------------------|----|
| Audience             |    |
| Bench Seating        | 57 |
| Litigants/Defendants | 5  |
| Witness              | 1  |
| Security Officers    | 2  |
| Clerk                | 1  |
| Judge                | 1  |
| Jury                 | 15 |
| TOTAL                | 82 |

**Superior Courtroom B (Fourth Floor)**

|                         |    |
|-------------------------|----|
| Audience: Bench Seating | 57 |
| Litigants/Defendants    | 6  |
| Witness                 | 1  |
| Security Officers       | 2  |
| Clerk                   | 1  |
| Judge                   | 1  |
| Jury                    | 14 |
| TOTAL                   | 82 |

Superior Courtroom C (Fourth Floor)

|                           |    |
|---------------------------|----|
| Audience<br>Bench Seating | 73 |
| Litigants/Defendants      | 4  |
| Witness                   | 1  |
| Security Officers         | 2  |
| Clerk                     | 1  |
| Judge                     | 1  |
| Jury                      | 13 |
| TOTAL                     | 95 |

# APPENDIX C

## APPENDIX C Bibliography

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## APPENDIX C Bibliography

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SCOMM

111:14

# ALASKA STATE LEGISLATURE

Rep. Eldon Mulder, Co-Chair  
Rep. Kim Elton  
Rep. Richard Foster  
Rep. Jeannette James  
Rep. Beverly Masek  
Rep. Gail Phillips



Sen. Tim Kelly, Co-Chair  
Sen. Loren Leman  
Sen. Georgianna Lincoln  
Sen. Robin Taylor  
Sen. Gary Wilken  
Sen. Mike Miller

## DEFERRED MAINTENANCE TASK FORCE

Capitol Building, Room 501 • Juneau, Alaska 99801 • Phone (907) 465-2647 • FAX (907) 465-3518

### Hearing on Financing Options

October 20 & 21, 1997

Legislative Information Office

716 W 4th Avenue

Anchorage, Alaska

#### Agenda for Monday October 20

- |                 |                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00 AM         | Call to Order                                                                                                                             |
| 9:05 AM         | Overview of Options<br>Mike Greany, Legislative Fiscal Analyst                                                                            |
| 10:00 AM        | Bonding and State Debt Capacity<br>Forrest Browne, State Debt Manager                                                                     |
| 11:00 AM        | Community Dividend Concept<br>Governor Walter J. Hickel<br>Assemblyman George Wuerch<br>Kevin Richie, Alaska Municipal League             |
| Noon to 1:30 PM | Lunch                                                                                                                                     |
| 1:30 PM         | Fuel Taxes, and Transportation Maintenance<br>Boyd Brownfield, Deputy Commissioner, DOT/PF<br>Dennis Poshard, Legislative Liaison, DOT/PF |
| 2:30 PM         | Rent Structure for Maintenance<br>Division of Administrative Services, Dept. of Administration                                            |
| 3:30 PM         | (Education) Facilities Funding Authority<br>Robert LeResche, LeResche & Co                                                                |
| 5:00 PM         | Adjournment                                                                                                                               |

#### Tuesday, October 21

The Task Force will work toward a conclusion on recommending financing options.

- |                   |                    |
|-------------------|--------------------|
| 9:00 - Noon       | Morning Discussion |
| Noon - 1:30 PM    | Lunch              |
| 1:30 PM - 5:00 PM | Afternoon Session  |

# ALASKA STATE LEGISLATURE

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## DEFERRED MAINTENANCE TASK FORCE

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### Building an Alaska for the 21st Century

*Deferred Maintenance Task Force Moves Toward Recommendations.*

#### **For Immediate Release**

Thursday, October 23, 1997

**Contact: Denny DeWitt**  
**Legislative Assistant to Rep. Mulder**  
**907 465-2647 or 258-8193**

(Anchorage, AK) -- Meeting in Anchorage on October 20 and 21, the Deferred Maintenance Task Force discussed ways of financing over \$1 billion in deferred maintenance of public assets identified this interim through a series of statewide hearings. The list includes Alaska's schools, University buildings, roads, harbors, airports, and other state facilities.

The Task Force recommendations will include a multi-year, long-range, plan to finance \$1.5 billion in capital funding to renovate existing schools and University buildings, and improve our highway system, harbors, airports, water and sewer systems, and other public facilities. It will also address new school and University construction.

"We will need to use the state's large bonding capacity to rebuild our state's infrastructure," stated Representative Eldon Mulder, Task Force Co-Chair. "Our plan will provide a framework for legislative consideration beginning in January.

Equally important, the plan is consistent with the Majority's Five-Year plan to balance the state's operating budget."

"I am delighted at our progress," commented Senator Tim Kelly, Task Force Co-Chair. "We visited over a dozen communities and listened to many Alaskans. They helped focus our attention on defining the deferred maintenance problem. They gave us many positive suggestions that have been of considerable value. I think our final recommendation will receive the public's support because we find a responsible way to address this capital investment need which does not affect the Permanent Fund Dividend or force a state income tax."

Alaskans told the Task Force that schools and the University of Alaska are important assets that need expansion. As a result, the Task Force's plan will include room for including new schools and University facilities to accommodate growing student populations in many of the fastest growing areas of Alaska.

The Task Force discussed options and is developing a recommendation to be considered at its final meeting on November 6, 7, and 8, in Anchorage. At that meeting, the Task Force will also propose recommended legislation to prevent state agencies, the University, and school districts from getting behind on future maintenance responsibilities. Those recommendations will include mandatory requirements for an annual maintenance program in order to participate.

The Legislature established the Deferred Maintenance Task Force to assess the condition of public facilities and solicit input on needs. Further, and equally necessary, the task force was directed to evaluate various funding proposals to pay for the needed repair and replacement of public facilities. The task force will report back to Legislature in January of 1998.

# ALASKA STATE LEGISLATURE

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## DEFERRED MAINTENANCE TASK FORCE

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### ACTION AND RECOMMENDATIONS

The Deferred Maintenance Task Force Tentatively adopted the following for inclusion in its final report. Staff will refine proposals and prepare final draft for final approval on January 10, 1998.

| ISSUE                                                                        | TASK FORCE ACTION                    |
|------------------------------------------------------------------------------|--------------------------------------|
| 1. Financing Plan                                                            | Tentative Adoption                   |
| 2. Level of Local Financial Responsibility                                   | Tentative use of current match rates |
| 3. Legislation                                                               |                                      |
| a) Build Alaska -<br>Public Facilities Financing Corporation                 | Prepare draft legislation            |
| b) Required Maintenance Program                                              | Prepare draft legislation            |
| c) Separate Appropriation for Maintenance                                    | Prepare draft legislation            |
| d) Ballot Measure - Advisory Vote                                            | Prepare draft legislation            |
| e) Use of Prototypical Models for Schools                                    | Prepare draft resolution             |
| f) Expand DOE Ability to Review and Alter<br>Proposed School Site and Design | Refer to HES Com                     |
| g) Eliminate hard metal studs in tires                                       | Refer to Transportation Com          |
| 4. Transferring State Ownership of Harbors                                   | Include in plan                      |
| 5. Transferring Highway Ownership                                            | Refer to Transportation Com          |
| 6. Rent Concept                                                              | Support Pilot Project                |
| 7. Reduce Unnecessary Regulatory Requirements<br>on State Construction       | Refer to Regulation Review Jt. Com   |
| 8. Prioritization                                                            | Use Draft                            |
| a) Components of each year's Funding                                         | Work on Six Year schedule            |
| b) Within each category                                                      | Continue work with Administration    |

11/7/97  
9:41 AM

**WORKING DRAFT**

**Deferred Maintenance Task Force**  
**BUILDING ALASKA FOR THE 21ST CENTURY**

**Expenditures for Public Facility Repair and Replacement Construction**

**SIX-YEAR Build Alaska financing plan will support:**

**Repair**

|                           |                        |
|---------------------------|------------------------|
| <b>Schools</b>            | <b>\$296,000,000</b>   |
| <b>University</b>         | <b>\$188,000,000</b>   |
| <b>Highways, Marine</b>   |                        |
| <b>Highway, Airports</b>  | <b>\$299,000,000</b>   |
| <b>Harbors</b>            | <b>\$55,000,000</b>    |
| <b>Public Facilities</b>  | <b>\$173,000,000</b>   |
| <b>Water &amp; Sewers</b> | <b>\$105,000,000</b>   |
| <b>Subtotal</b>           | <b>\$1,116,000,000</b> |

**Replacement**

|                               |                        |
|-------------------------------|------------------------|
| <b>Schools and University</b> | <b>\$304,000,000</b>   |
| <b>Buildings</b>              |                        |
| <b>Subtotal</b>               | <b>\$1,420,000,000</b> |

**Total available in financing plan**

|                             |                        |
|-----------------------------|------------------------|
| <b>Schools, University</b>  |                        |
| <b>Buildings, and Other</b> | <b>\$80,000,000</b>    |
| <b>Construction</b>         |                        |
| <b>Total</b>                | <b>\$1,500,000,000</b> |

**NOTE: Sale of the Four Dam Pool and a  
blend of 15 and 20 year bonds could easily  
net an extra \$200 million from the  
proposed funding plan.**

**Deferred Maintenance Task Force**  
**Building Alaska for the 21Century**

| <b><u>New Build Alaska Spending and Debt Service</u></b> |                       |                       |                       |                       |                       |                       |                     |
|----------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|
|                                                          | <b><u>FY 1999</u></b> | <b><u>FY 2000</u></b> | <b><u>FY 2001</u></b> | <b><u>FY 2002</u></b> | <b><u>FY 2003</u></b> | <b><u>FY 2004</u></b> | <b><u>TOTAL</u></b> |
| Build Alaska Debt Service                                | 30,000.0              | 25,000.0              | 25,000.0              | 25,000.0              | 20,000.0              | 17,000.0              | 142,000.0           |
| Cumulative Annual New Debt Service                       | 30,000.0              | 55,000.0              | 80,000.0              | 105,000.0             | 125,000.0             | 142,000.0             | 537,000.0           |
| Build Alaska Funds Available from Debt                   | 300,000.0             | 250,000.0             | 250,000.0             | 250,000.0             | 200,000.0             | 170,000.0             | 1,420,000.0         |
| Capital Funds Available from General Fund Cash           | 90,000.0              | 90,000.0              | 90,000.0              | 90,000.0              | 90,000.0              | 90,000.0              | 540,000.0           |
| <b>Totals</b>                                            | <b>390,000.0</b>      | <b>340,000.0</b>      | <b>340,000.0</b>      | <b>340,000.0</b>      | <b>290,000.0</b>      | <b>260,000.0</b>      | <b>1,960,000.0</b>  |

# Deferred Maintenance Task Force

## Building Alaska for the 21st Century

### BUILD ALASKA FINANCING PLAN INTEGRATION INTO FIVE YEAR BUDGET STRATEGY

|                                            | FY 1998        | FY 1999        | FY 2000        | FY2001         | FY 2002        | FY 2003        |                            |                |                |                |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------------------|----------------|----------------|----------------|
| <b>Revenues</b>                            |                |                |                |                |                |                |                            |                |                |                |
| Unrestricted Revenues                      | 2,080.9        | 2,000.4        | 1,976.1        | 1,979.0        | 1,959.7        | 1,919.8        |                            |                |                |                |
| Adjustments                                | (58.7)         | (56.1)         | (63.8)         | (63.8)         | (60.0)         | (60.0)         |                            |                |                |                |
| AHFC Dividend                              | 70.0           | 72.1           | 74.3           | 76.5           | 78.8           | 81.1           |                            |                |                |                |
| AIDEA Dividend                             | 16.0           | 15.0           | 15.0           | 15.0           | 15.0           | 15.0           |                            |                |                |                |
| General Fund Balance Forward               | 66.8           |                |                |                |                |                |                            |                |                |                |
| CBRF Appropriated to Gen. Fund             | 161.1          | 204.7          | 200.0          | 203.3          | 205.4          | 239.8          |                            |                |                |                |
| Revenue from Tobacco Tax                   | 17.8           | 32.0           | 32.0           | 32.0           | 31.0           | 31.0           |                            |                |                |                |
| Remaining New Revenues                     | 40.6           | 46.0           | 38.4           |                |                |                |                            |                |                |                |
| <b>Total Revenues</b>                      | <b>2,394.5</b> | <b>2,314.1</b> | <b>2,272.0</b> | <b>2,242.0</b> | <b>2,229.9</b> | <b>2,226.7</b> |                            |                |                |                |
| <b>Expenditures</b>                        |                |                |                |                |                |                |                            |                |                |                |
| Operating                                  | 2,151.5        | 2,096.5        | 2,071.6        | 2,058.2        | 2,058.2        | 2,058.2        |                            |                |                |                |
| Debt Service                               | 87.4           | 85.5           | 68.3           | 51.7           | 39.6           | 36.4           |                            |                |                |                |
| Capital - Cash                             | 100.0          | 90.0           | 90.0           | 90.0           | 90.0           | 90.0           |                            |                |                |                |
| Capitol to Bond Debt Service               |                | 10.0           | 10.0           | 10.0           | 10.0           | 10.0           |                            |                |                |                |
| Special/Transfers/Fund Capitalization      | 15.5           | 15.1           | 15.1           | 15.1           | 15.1           | 15.1           |                            |                |                |                |
| Supplementals                              | 16.5           | 17.0           | 17.0           | 17.0           | 17.0           | 17.0           |                            |                |                |                |
| <b>Total Expenditures</b>                  | <b>2,370.9</b> | <b>2,314.1</b> | <b>2,272.0</b> | <b>2,242.0</b> | <b>2,229.9</b> | <b>2,226.7</b> |                            |                |                |                |
| <b>Expenditure Reduction</b>               |                | <b>56.8</b>    | <b>42.1</b>    | <b>30.0</b>    | <b>12.1</b>    | <b>3.2</b>     |                            |                |                |                |
|                                            |                |                |                |                |                |                | FY 2004                    | FY 2005        | FY 2006        | FY 2007        |
| <b>CBRF Beginning Balance</b>              | <b>3,297.4</b> | <b>3,515.1</b> | <b>3,805.6</b> | <b>4,100.9</b> | <b>4,161.1</b> | <b>4,175.8</b> | <b>4,151.4</b>             | <b>4,167.9</b> | <b>4,185.7</b> | <b>4,204.7</b> |
| Projected Earnings                         | 236.1          | 251.7          | 272.5          | 293.6          | 297.9          | 299.0          | 297.2                      | 298.4          | 299.7          | 301.1          |
| Transfers to General Fund                  | (161.1)        | (204.7)        | (200.0)        | (203.3)        | (205.4)        | (239.8)        | (165.9)                    | (165.9)        | (165.9)        | (165.9)        |
| Transfers to Build Alaska Fund             | (17.8)         | (26.5)         | (47.2)         | (55.1)         | (102.8)        | (108.6)        | (139.8)                    | (139.8)        | (139.8)        | (139.8)        |
| Additional Settlement Deposits             | 160.5          | 270.0          | 270.0          | 25.0           | 25.0           | 25.0           | 25.0                       | 25.0           | 25.0           | 25.0           |
| <b>CBRF Fund Ending Balance</b>            | <b>3,515.1</b> | <b>3,805.6</b> | <b>4,100.9</b> | <b>4,161.1</b> | <b>4,175.8</b> | <b>4,151.4</b> | <b>4,167.9</b>             | <b>4,185.7</b> | <b>4,204.7</b> | <b>4,225.0</b> |
| <b>Build Alaska Fund Beginning Balance</b> | <b>0.0</b>     | <b>17.8</b>    | <b>24.3</b>    | <b>26.5</b>    | <b>11.4</b>    | <b>18.4</b>    | <b>11.0</b>                | <b>6.5</b>     | <b>2.0</b>     | <b>0.4</b>     |
| Revenue from Tobacco Tax                   | 17.8           | 32.0           | 32.0           | 32.0           | 31.0           | 31.0           | 31.0                       | 30.0           | 30.0           | 30.0           |
|                                            |                | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0                        | 0.0            | 0.0            | 0.0            |
| Transfers from CBRF and operations         | 87.4           | 90.0           | 93.5           | 84.6           | 120.6          | 123.0          | 139.8                      | 139.8          | 139.8          | 139.8          |
| Build Alaska Fund Debt Service             |                | (30.0)         | (55.0)         | (80.0)         | (105.0)        | (125.0)        | (142.0)                    | (142.0)        | (142.0)        | (142.0)        |
| Current Debt Service                       | (87.4)         | (85.5)         | (68.3)         | (51.7)         | (39.6)         | (36.4)         | (33.3)                     | (32.3)         | (29.4)         | (21.9)         |
| <b>Capital Fund Ending Balance</b>         | <b>17.8</b>    | <b>24.3</b>    | <b>26.5</b>    | <b>11.4</b>    | <b>18.4</b>    | <b>11.0</b>    | <b>6.5</b>                 | <b>2.0</b>     | <b>0.4</b>     | <b>0.3</b>     |
|                                            |                |                |                |                |                |                | Majority Five Year Plan    |                |                |                |
|                                            |                |                |                |                |                |                | Build Alaska Six Year Plan |                |                |                |

# **Deferred Maintenance Task Force**

## **Building Alaska for the 21st Century**

### **Notes and Assumptions**

- 1 Debt service was adjusted to reflect the latest Alaskan Public Debt Report information less Bank of America income offset
- 2 Capital (cash) was reduced from operating expenditure budget by \$10 million annually. Beginning in FY 1999 that will be used for debt service. (Possible from savings on cash appropriations to Water & Sewer and schools and funded in new bonding proposal.)
- 3 The CBRF rate of return was calculated at 7.16% beginning in FY 1998, reflecting Dept. of Revenue's latest projections.
- 4 Tobacco tax revenue will be used in the Build Alaska Fund to support school bonds
- 5 Tobacco tax revenues utilize Department of Revenue's latest projections
- 6 No interest earnings were calculated on the Build Alaska Fund balance.
- 7 The CBRF principal is not reduced by the Build Alaska program in this scenario
- 8 A blend of 15 and 20 year bonds and/or more favorable rates could net nearly \$1.5 billion from \$125 million in debt service
- 9 Sale of the Four Dam Pool at \$100 million, deposited in the CBRF, could generate an additional \$7 million in earnings to service \$70 million in debt in the Build Alaska Fund.

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## DEFERRED MAINTENANCE TASK FORCE

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### Criteria For Consideration And Prioritization

The Deferred Maintenance will use the following criteria for prioritizing the almost \$ 1.5 billion of deferred maintenance and replacement needs over a six year period. The Task Force will use these criteria and work with the administration to create a list of projects to be funded by the Build Alaska - Public Facilities Construction Fund

1. Health and safety effects
2. Preservation of educational programs
3. Impact on program operation
4. Economic development
5. Feasibility, including public support and project readiness
6. Existence and implementation of a maintenance program
7. Historical maintenance of facility
8. Use of available prototypical facilities
9. Fiscal impacts on costs and revenues
10. Distributional effects
11. Ability to transfer ownership
12. Advantages accruing from relationships to other project proposals

### Working Definition of Deferred Maintenance

The Task Force uses the following definition in collecting its data and considering projects for funding as deferred maintenance needs.

"The aggregation of unfunded routine maintenance and repair and replacement which was not performed in a timely manner due to lack of available funding, lower priority, management decisions to use maintenance funds for other purposes or other recognized delaying factors. "

07 November, 1997  
10:48 AM

**WORKING DRAFT**



State of Alaska

# Bond Briefing Presentation

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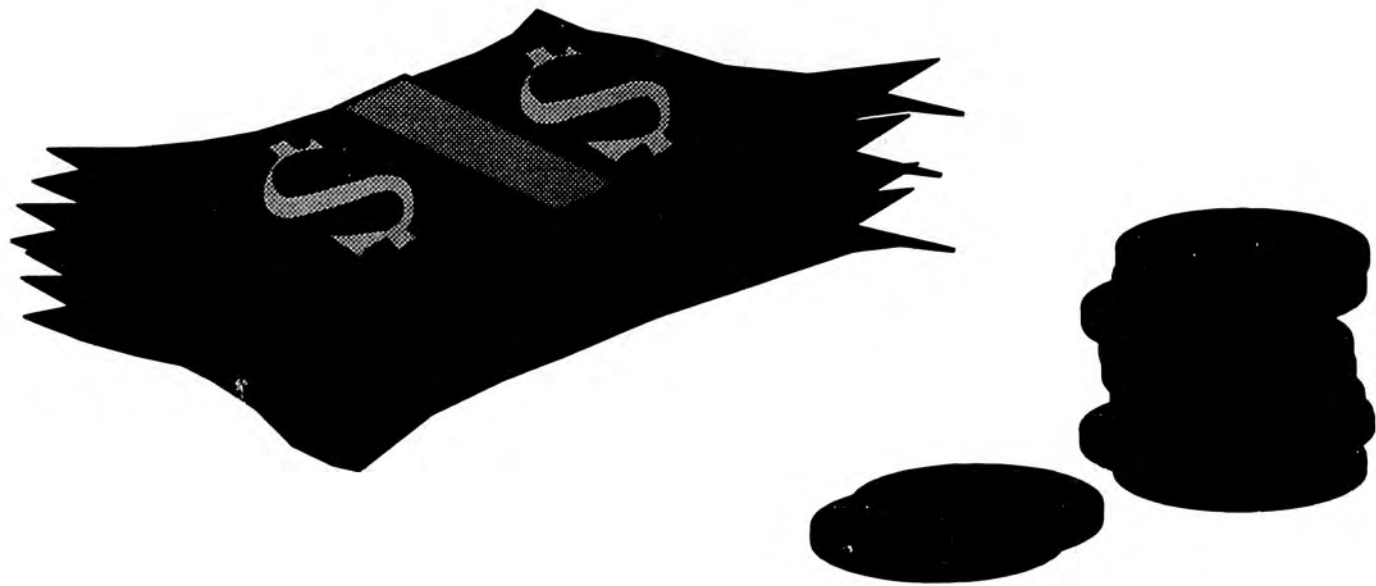
**October 20, 1997**



# Agenda

- Alaska Public Debt
- Bonding 101
- Bond Ratings
- State Debt Capacity
- Possible Financing Master Plan

# Alaska Public Debt



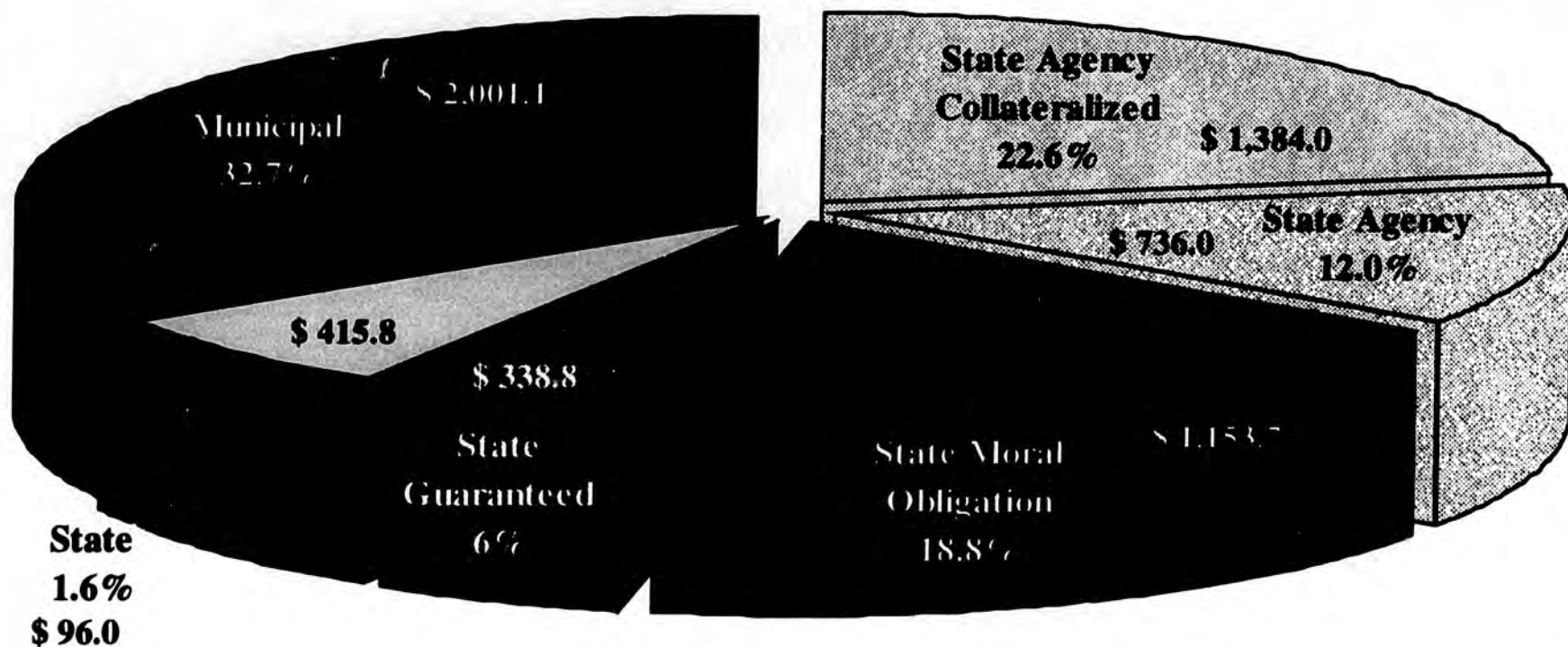
# Types of Alaska Public Debt

- State Debt
- State Moral Obligation Debt
- State Supported Debt
- State Guaranteed Debt
- State and University Revenue Debt
- State Agency Debt
- State Agency Collateralized Debt
- Municipal Debt
- Industrial Development Bonds



# Alaska Public Debt by Type

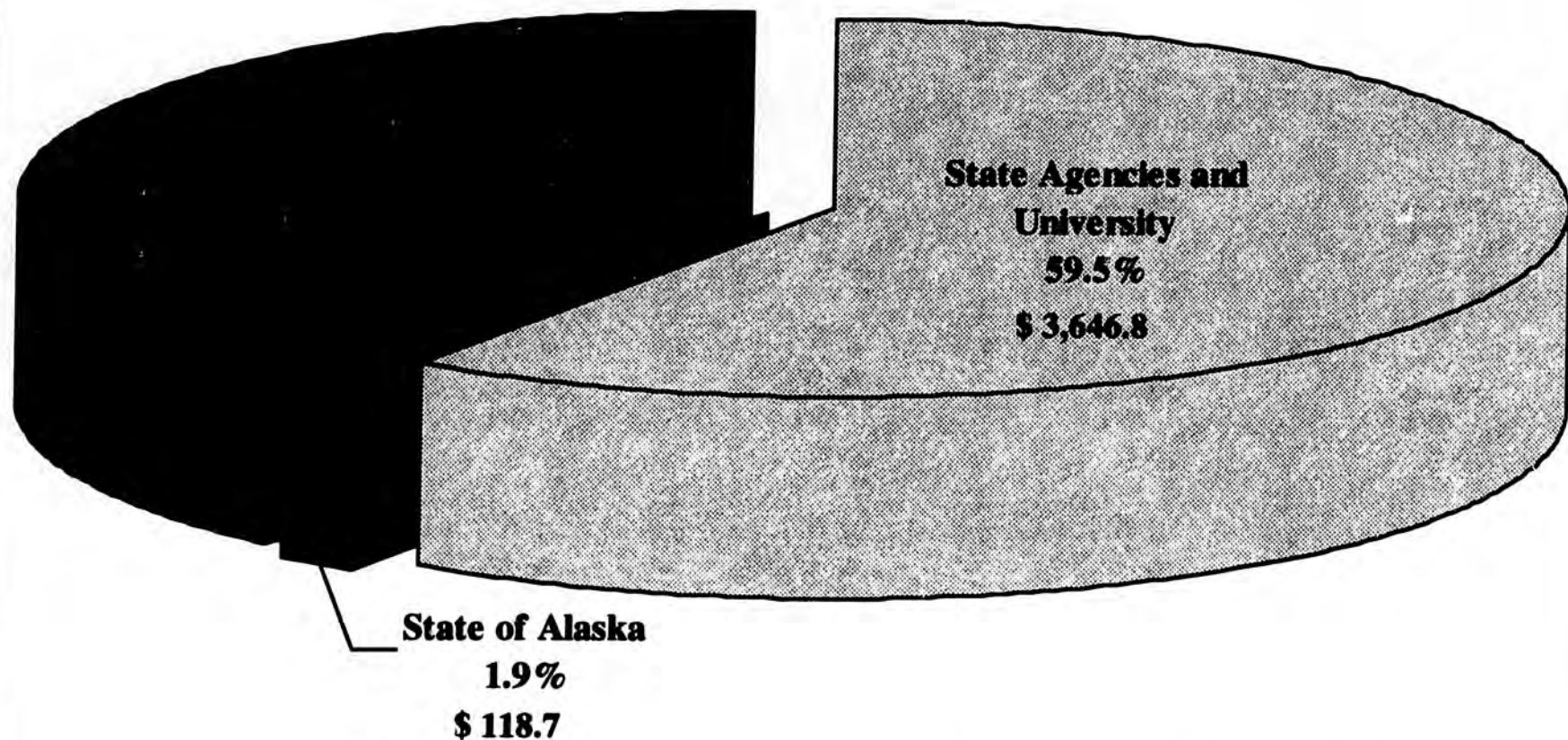
\$ (millions)



**Total Alaska Public Debt: Approximately \$6.1 Billion**

# Alaska Public Debt by Issuer

\$ (millions)

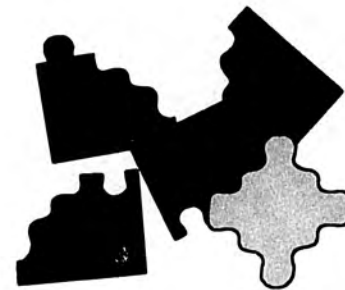


**Total Alaska Public Debt: Approximately \$6.1 Billion**



# Bonding 101

**(What you always wanted to know  
about bonds but were afraid to ask!)**



# General Obligation vs. Revenue Bonds

## General Obligation

- Backed by general credit and taxing powers of the state
- More diverse credit structure
- Requires voter approval
- Least cost, most flexibility



## Revenue

- Backed by specific revenue stream
- Matches sources of payment for bonds to the project financed
- Users pay cost of project and financing
- Variety of revenues could be pledged to pay debt service
- Covenants could limit bonding capacity

# What is Arbitrage?



- Profits from buying money in one market and selling money in another market
- Issuing tax-exempt bonds and investing in higher yielding taxable securities
- Tax-exempt bonds are subject to U.S. Treasury regulations; arbitrage profits may have to be rebated to U.S. Treasury or fund investments may have to be yield-restricted

# Annual Cost per \$ Million of Bonds

(\$ thousands)

| <u>Term</u> | <u>Interest Rate</u> |             |           |
|-------------|----------------------|-------------|-----------|
|             | <u>5%</u>            | <u>5.5%</u> | <u>6%</u> |
| 10 years    | \$ 129.4             | \$ 132.6    | \$ 135.7  |
| 15 years    | 96.3                 | 99.6        | 102.9     |
| 20 years    | \$ 80.2              | \$ 83.6     | \$ 87.1   |

For example, \$99.6 thousand is the annual debt service on \$1 million of 15 year bonds at 5.5% interest.

# Bond Proceeds per \$ Million of Annual Cost

(\$ millions)

| <u>Term</u> | <u>Interest Rate</u> |             |           |
|-------------|----------------------|-------------|-----------|
|             | <u>5%</u>            | <u>5.5%</u> | <u>6%</u> |
| 10 years    | \$ 7.7               | \$ 7.5      | \$ 7.4    |
| 15 years    | 10.4                 | 10.0        | 9.7       |
| 20 years    | \$ 12.5              | \$ 12.0     | \$ 11.5   |

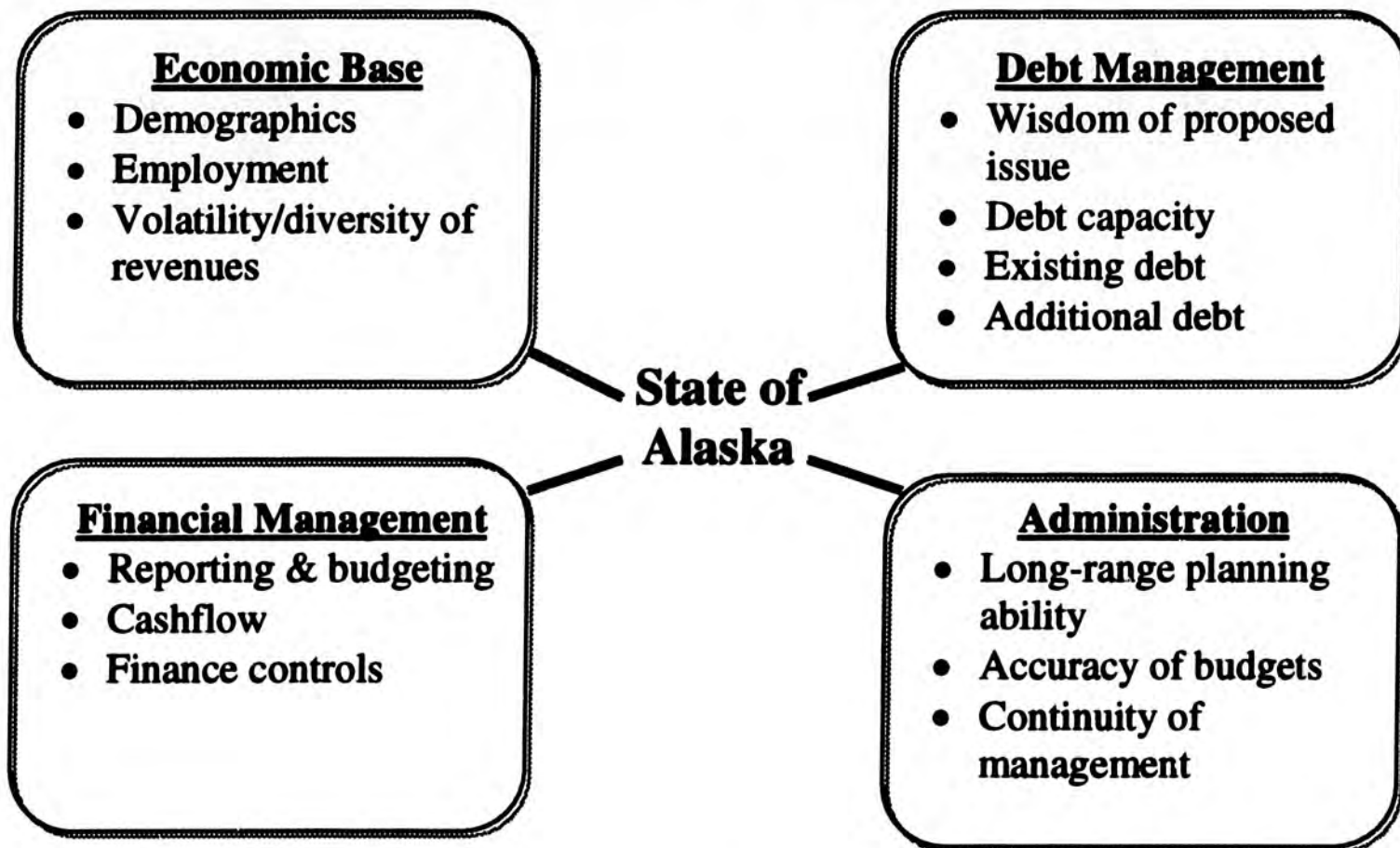
For example, \$1 million per year is the annual debt service  
on \$10.0 million of 15 year bonds at 5.5% interest.

# Bond Ratings



# Market and Rating Criteria

(assessing ability and willingness to pay)



# State General Obligation Bond Rating History



|      | <u>Moody's</u> | <u>S &amp; P</u> |
|------|----------------|------------------|
| 1961 | BAA            |                  |
| 1969 | BAA1           |                  |
| 1971 |                | A                |
| 1974 | A1             |                  |
| 1975 |                | A+               |
| 1980 | AA             | AA-              |
| 1992 |                | AA               |
| 1997 | AA             | AA               |

# G.O. Bond Ratings

## All States

(Moody's)

**Above AA**

**12 States**

**AA**

**21 States**  
**(Including Alaska)**

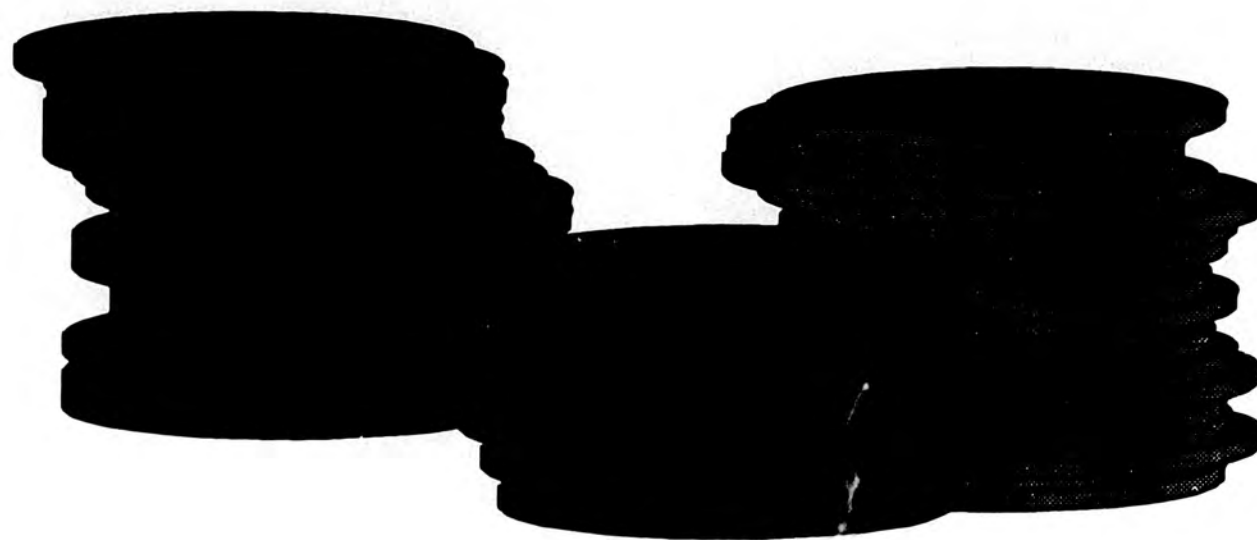
**Below AA**

**8 States**

**Not Rated**

**9 States**  
**(No G.O. Debt)**

# State Debt Capacity



# State Debt Capacity Observations



- Projected fiscal gap is limiting factor
- 80% of revenues from oil is a limiting factor
- Permanent Fund is a positive factor
- Constitutional Budget Reserve is a positive factor

# State Debt Capacity Guidelines

- Debt per capita
- Debt per \$1,000 of personal income
- Debt to full property value
- Ratio of debt service to revenues



## Debt Service to Revenues

- Include debt service on state and state supported debt
- Applied to unrestricted General Fund revenues
- 5% Guideline for AA rating



# State Debt Capacity

**\$ (millions)**

## Debt Service/Revenues \*

| <u>Fiscal Year</u> | <u>5%</u>      | <u>8%</u>       |
|--------------------|----------------|-----------------|
| <b>1999</b>        | <b>\$124.0</b> | <b>\$ 713.3</b> |
| <b>2000</b>        | <b>114.4</b>   | <b>88.5</b>     |
| <b>2001</b>        | <b>156.1</b>   | <b>164.2</b>    |
| <b>2002</b>        | <b>94.4</b>    | <b>77.5</b>     |
| <b>2003</b>        | <b>8.4</b>     | <b>(5.0)</b>    |
| <b>2004</b>        | <b>\$ 1.5</b>  | <b>\$(16.9)</b> |

\* Based on DOR Fall 1996/Spring 1997 Revenue Sources Book.

# Summary

## State Debt Capacity

(Current “AA” Bond Rating)



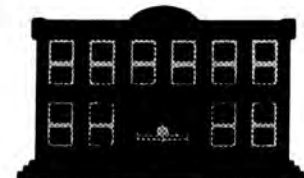
- Assume the current projection of unrestricted General Fund revenues
- Assume issuance of 15 year bonds at 5.5% interest
- Then \$700-\$800 million of State debt could be issued over the next five years

# Possible State Financing Program



# **Cigarette Tax Revenue Bonds for School Construction**

- Assume \$34.6 million of annual tax revenues
- Assume the proper legal structure is established and accepted by the market.
- Assume 15-year revenue bonds, 5.5% interest, and a 125% debt service coverage
- \$275 million of bonds could be sold



# Possible State-Supported Debt Plan



- Combination of new General Obligation bonds, lease-purchase (COP's) and school debt reimbursement
- Debt issuance would be staggered over 5-6 years, at \$150 million per year
- Capital project to be identified
- Would be in addition to the cigarette tax revenue bonds for school construction



# Questions / Comments



**Hearing  
Joint Legislative Task Force  
on Deferred Maintenance**

**Anchorage, Alaska  
October 20, 1997**

**Remarks by  
Mike Scott, Co-Chair  
Legislative Committee  
Alaska Municipal League**

**Thank you, Mr. Chairman and member of the Task Force. For the record, my name is Mike Scott, Kotzebue City Manager and President of the Alaska Municipal Managers Association. AMMA represents municipal managers serving over 75% of Alaska's population including Anchorage. Also, in years gone by, I worked on the Senate Finance Committee for seven years.**

**By now, you've heard about the enormous backlog of deferred maintenance projects in addition a huge new for larger annual capital project budgets for new construction at both the state and local government levels. From schools to roads to police stations to day care facilities, Alaska clearly has an unfunded backlog of worthy projects.**

**In Kotzebue, I suggested you consider a \$1.5 billion package distributed over five years and divided into three areas: university & school districts \$700 million, plus \$400 million each for state and local government facilities. All funds should be contingent upon the grantee agency creating and funding an annual amount of money into a deferred maintenance account.**

**You've heard proposals on how to fund the backlog of deferred maintenance needs from endowment funds, direct appropriation and bonds.**

**In order to fund any of the financial mechanisms available to you, many people believe the best idea is to use the balance of the Constitutional Budget Reserve.**

**Others have suggested using the unreserved earnings of the Permanent Fund and/or place a temporary “cap” on the annual Fund dividends. You’ve even heard the legislature should restore separate accounting and thereby replenish the state treasury by \$200 to \$300 million a year. All of these ideas and others merit your careful consideration.**

**The main thrust of my testimony today is to emphasis two things:**

- 1. any proposal seeking to require a local matching share of funds should first consider the ability of a community to provide such funds; and**

**2. a viable means to distribute funds to communities(other than schools and state facilities) is through the SAFE communities program.**

**Each year, all municipalities report their locally generated revenues and assessed values. Factored together, these numbers produce a mill rate equivalency. In reviewing these statistics, the common myth that rural villages and cities are getting a “free ride” from state government is easily shattered. In fact, many people are surprised to learn that more than 60 villages and small cities have higher MRE’s than Anchorage. That means these rural community’s pay higher taxes and fees when compared to Anchorage.**

**As an example, comparing Anchorage, Fairbanks and Kotzebue and the value of a \$100,000 property one finds that Kotzebue pays 45% more than Anchorage and 14% than Fairbanks (city and borough combined) in local taxes and fees. Specifically, Kotzebue pays \$4,600 annually while Fairbanks pays \$3,600 while Anchorage pays \$2,800.**

**Consequently, rather than requiring communities to provide an upfront matching amount, require an annual appropriation into a deferred maintenance account that is reviewed and reported to the state as part of the regular single audit requirement.**

**Secondly, using the SAFE communities program as a means to distribute the deferred maintenance funds, you have a system that was overwhelmingly endorsed by the last legislature and unanimously agreed upon by the members of the Alaska Municipal League.**

**In conclusion, deferred maintenance is an important issue and municipalities stand ready to support your initiative provided we're included in the funding proposals. We look forward to the proposals the Task Force recommends. Thank you.**

## DCRA Research Analysis - 9/12/97

| Data Elements from DCRA FY 97 State Revenue Sharing Program - Calculations Database |                  |               |         |                       |
|-------------------------------------------------------------------------------------|------------------|---------------|---------|-----------------------|
| Municipality                                                                        | Assessed Value   | LGR           | MRE     | Assessed Value Source |
| City of Akhiok                                                                      | \$647,900        | \$1,181       | 1.365   | (State Value)         |
| City of Akiak                                                                       | \$9,502,345      | \$25,650      | 2.699   | (Local Value)         |
| City of Akutan                                                                      | \$8,732,600      | \$461,474     | 52.845  | (Local Value)         |
| City of Alakanuk                                                                    | \$17,935,877     | \$376,234     | 20.977  | (Local Value)         |
| City of Aleknagik                                                                   | \$5,404,459      | \$68,876      | 12.744  | (Local Value)         |
| Aleutians East Borough                                                              | \$88,795,200     | \$2,365,694   | 26.642  | (Local Value)         |
| City of Allakaket                                                                   | \$4,662,088      | \$33,078      | 7.095   | (Local Value)         |
| City of Ambler                                                                      | \$3,469,100      | \$126,443     | 36.448  | (Local Value)         |
| City of Anaktuvuk Pass                                                              | \$2,448,000      | \$4,500       | 1.425   | (State Value)         |
| Municipality of Anchorage                                                           | \$12,916,355,450 | \$165,213,452 | 12.791  | (Local Value)         |
| Municipality of Anchorage                                                           | \$11,388,443,524 | \$3,380,068   | 0.297   | (Local Value)         |
| Municipality of Anchorage                                                           | \$354,067,257    | \$320,475     | 0.905   | (Local Value)         |
| Municipality of Anchorage                                                           | \$1,313,161,024  | \$1,102,597   | 0.840   | (Local Value)         |
| Municipality of Anchorage                                                           | \$3,318,280,766  | \$67,185      | 0.020   | (Local Value)         |
| Municipality of Anchorage                                                           | \$1,168,086,017  | \$2,197,294   | 1.881   | (Local Value)         |
| Municipality of Anchorage                                                           | \$12,316,075,029 | \$18,197,064  | 1.478   | (Local Value)         |
| Municipality of Anchorage                                                           | \$269,319,606    | \$315,492     | 1.171   | (Local Value)         |
| Municipality of Anchorage                                                           | \$41,636,409     | \$119,128     | 2.861   | (Local Value)         |
| Municipality of Anchorage                                                           | \$640,182,419    | \$613,735     | 0.959   | (Local Value)         |
| Municipality of Anchorage                                                           | \$11,388,443,524 | \$9,489,833   | 0.833   | (Local Value)         |
| Municipality of Anchorage                                                           | \$11,348,745,990 | \$35,859,911  | 3.160   | (Local Value)         |
| Municipality of Anchorage                                                           | \$10,493,972,424 | \$33,571,227  | 3.199   | (Local Value)         |
| Municipality of Anchorage                                                           | \$5,369,882,657  | \$158,861     | 0.030   | (Local Value)         |
| Municipality of Anchorage                                                           | \$319,251,214    | \$151,904     | 0.476   | (Local Value)         |
| City of Anderson                                                                    | \$10,194,600     | \$113,037     | 11.088  | (Local Value)         |
| City of Angoon                                                                      | \$17,846,592     | \$172,118     | 9.644   | (Local Value)         |
| City of Aniak                                                                       | \$17,015,137     | \$24,797      | 1.457   | (Local Value)         |
| City of Anvik                                                                       | \$2,850,704      | \$7,686       | 2.696   | (Local Value)         |
| City of Atka                                                                        | \$2,880,398      | \$79,885      | 27.734  | (Local Value)         |
| City of Atkasuk                                                                     | \$1,771,100      | \$419,719     | 166.608 | (State Value)         |
| City of Barrow                                                                      | \$97,008,100     | \$2,404,627   | 24.788  | (Local Value)         |
| City of Bethel                                                                      | \$181,259,300    | \$5,021,527   | 27.704  | (Local Value)         |
| City of Bettles                                                                     | \$1,009,624      | \$8,878       | 8.793   | (Local Value)         |
| City of Brevig Mission                                                              | \$7,869,130      | \$106,162     | 13.491  | (Local Value)         |
| Bristol Bay Borough                                                                 | \$170,492,500    | \$4,836,777   | 28.369  | (Local Value)         |
| City of Buckland                                                                    | \$3,145,300      | \$84,059      | 18.734  | (State Value)         |
| City of Cheformak                                                                   | \$11,016,781     | \$205,046     | 18.612  | (Local Value)         |
| City of Chevak                                                                      | \$20,251,873     | \$214,557     | 10.594  | (Local Value)         |
| City of Chignik                                                                     | \$12,978,700     | \$28,079      | 2.163   | (Local Value)         |
| City of Chuathbaluk                                                                 | \$3,711,854      | \$1,900       | 0.512   | (Local Value)         |
| City of Coffman Cove                                                                | \$7,542,488      | \$58,519      | 7.759   | (Local Value)         |
| City of Cold Bay                                                                    | \$4,358,800      | \$64,670      | 14.837  | (Local Value)         |
| City of Cordova                                                                     | \$182,199,280    | \$6,936,237   | 38.070  | (Local Value)         |
| City of Craig                                                                       | \$70,778,400     | \$1,627,365   | 22.992  | (Local Value)         |
| City of Deering                                                                     | \$1,867,700      | \$77,783      | 41.646  | (Local Value)         |
| City of Delta Junction                                                              | \$45,937,900     | \$155,472     | 3.384   | (Local Value)         |
| Denali Borough                                                                      | \$75,475,300     | \$725,451     | 9.612   | (Local Value)         |
| City of Dillingham                                                                  | \$132,166,500    | \$3,926,445   | 29.708  | (Local Value)         |
| City of Diomedea                                                                    | \$4,573,004      | \$431,617     | 94.384  | (Local Value)         |

Page 1  
 Locality  
 Generated  
 Revenue  
 Mill Rate  
 Equivalency

## DCRA Research Analysis - 9/12/97

| Data Elements from DCRA FY 97 State Revenue Sharing Program - Calculations Database |                 |              |         |                       |
|-------------------------------------------------------------------------------------|-----------------|--------------|---------|-----------------------|
| Municipality                                                                        | Assessed Value  | LGR          | MRE     | Assessed Value Source |
| City of Eagle                                                                       | \$9,517,800     | \$11,012     | 1.157   | (Local Value)         |
| City of Eek                                                                         | \$8,403,637     | \$100,084    | 11.910  | (Local Value)         |
| City of Egegik                                                                      | \$4,246,385     | \$0          | 0.000   | (Local Value)         |
| City of Ekwok                                                                       | \$3,028,873     | \$10,315     | 3.406   | (Local Value)         |
| City of Elim                                                                        | \$8,344,247     | \$191,229    | 22.917  | (Local Value)         |
| City of Emmonak                                                                     | \$8,188,000     | \$838,466    | 101.771 | (State Value)         |
| City of Fairbanks                                                                   | \$1,255,695,500 | \$10,069,714 | 8.019   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$3,843,155,460 | \$47,012,866 | 12.904  | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$224,165,603   | \$311,635    | 1.390   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$58,970,794    | \$105,868    | 1.795   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$2,205,119,631 | \$1,342,258  | 0.609   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$514,576,835   | \$505,897    | 0.983   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$870,090,694   | \$879,122    | 1.010   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$1,768,808     | \$10,985     | 6.210   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$2,408,912,569 | \$2,134,780  | 0.886   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$304,236,490   | \$314,040    | 1.032   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$81,148,053    | \$32,643     | 0.402   | (Local Value)         |
| Fairbanks North Star Borough                                                        | \$515,097,308   | \$918,045    | 1.782   | (Local Value)         |
| City of False Pass                                                                  | \$1,727,300     | \$131,671    | 76.229  | (Local Value)         |
| City of Fort Yukon                                                                  | \$19,687,671    | \$1,034,088  | 52.525  | (Local Value)         |
| City of Galena                                                                      | \$18,136,000    | \$689,171    | 38.000  | (Local Value)         |
| City of Gambell                                                                     | \$18,648,352    | \$201,872    | 10.825  | (Local Value)         |
| City of Golovin                                                                     | \$4,632,393     | \$29,360     | 6.338   | (Local Value)         |
| City of Goodnews Bay                                                                | \$7,542,486     | \$1,148      | 0.152   | (Local Value)         |
| City of Grayling                                                                    | \$8,295,304     | \$26,952     | 4.281   | (Local Value)         |
| City of Haines                                                                      | \$72,333,300    | \$1,849,146  | 25.564  | (Local Value)         |
| Haines Borough                                                                      | \$136,317,300   | \$880,705    | 6.461   | (Local Value)         |
| Haines Borough                                                                      | \$23,048,349    | \$39,889     | 1.731   | (Local Value)         |
| Haines Borough                                                                      | \$2,391,746     | \$3,808      | 1.592   | (Local Value)         |
| Haines Borough                                                                      | \$9,587,636     | \$17,536     | 1.829   | (Local Value)         |
| City of Holy Cross                                                                  | \$8,581,806     | \$0          | 0.000   | (Local Value)         |
| City of Homer                                                                       | \$244,646,900   | \$6,498,635  | 26.563  | (Local Value)         |
| City of Hoonah                                                                      | \$24,106,000    | \$740,128    | 30.703  | (Local Value)         |
| City of Hooper Bay                                                                  | \$7,932,700     | \$254,128    | 23.599  | (State Value)         |
| City of Houston                                                                     | \$37,209,300    | \$113,409    | 3.048   | (Local Value)         |
| City of Hughes                                                                      | \$2,316,197     | \$90,168     | 38.929  | (Local Value)         |
| City of Huslia                                                                      | \$7,572,181     | \$70,153     | 9.265   | (Local Value)         |
| City of Hydaburg                                                                    | \$5,780,300     | \$91,476     | 15.825  | (Local Value)         |
| City and Borough of Juneau                                                          | \$1,920,444,800 | \$71,304,121 | 37.129  | (Local Value)         |
| City and Borough of Juneau                                                          | \$1,795,707,470 | \$1,707,302  | 0.951   | (Local Value)         |
| City and Borough of Juneau                                                          | \$1,840,274,576 | \$10,811,989 | 5.875   | (Local Value)         |
| City of Kachemak                                                                    | \$23,557,500    | \$39,049     | 1.658   | (Local Value)         |
| City of Kake                                                                        | \$17,675,800    | \$1,281,544  | 72.503  | (Local Value)         |
| City of Kaktovik                                                                    | \$3,514,600     | \$357,525    | 101.726 | (Local Value)         |
| City of Kaltag                                                                      | \$7,631,571     | \$38,990     | 5.109   | (Local Value)         |
| City of Kasaan                                                                      | \$1,217,488     | \$19,391     | 15.927  | (Local Value)         |
| City of Kenai                                                                       | \$366,484,270   | \$5,958,303  | 16.258  | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$100,483,212   | \$77,777     | 0.774   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$3,638,751,680 | \$39,403,092 | 10.829  | (Local Value)         |

## DCRA Research Analysis - 9/12/97

| Data Elements from DCRA FY 97 State Revenue Sharing Program - Calculations Database |                 |              |         |                       |
|-------------------------------------------------------------------------------------|-----------------|--------------|---------|-----------------------|
| Municipality                                                                        | Assessed Value  | LGR          | MRE     | Assessed Value Source |
| Kenai Peninsula Borough                                                             | \$53,407,900    | \$93,196     | 1.745   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$864,899,365   | \$2,302,053  | 2.662   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$148,676,227   | \$127,589    | 0.858   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$2,623,008,451 | \$24,567,665 | 9.366   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$1,254,650,624 | \$2,610,044  | 2.080   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$1,170,650,234 | \$158,638    | 0.136   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$1,293,442,799 | \$1,319,064  | 1.020   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$2,544,569,369 | \$1,012,302  | 0.398   | (Local Value)         |
| Kenai Peninsula Borough                                                             | \$660,297,282   | \$13,928,928 | 21.095  | (Local Value)         |
| City of Ketchikan                                                                   | \$529,634,000   | \$14,824,211 | 27.990  | (Local Value)         |
| Ketchikan Gateway Borough                                                           | \$1,032,732,700 | \$13,226,841 | 12.808  | (Local Value)         |
| Ketchikan Gateway Borough                                                           | \$21,632,548    | \$76,860     | 3.553   | (Local Value)         |
| Ketchikan Gateway Borough                                                           | \$527,837,618   | \$256,849    | 0.487   | (Local Value)         |
| Ketchikan Gateway Borough                                                           | \$63,187,851    | \$42,853     | 0.678   | (Local Value)         |
| Ketchikan Gateway Borough                                                           | \$108,147,316   | \$78,898     | 0.730   | (Local Value)         |
| City of Kiana                                                                       | \$5,055,900     | \$105,496    | 20.866  | (Local Value)         |
| City of King Cove                                                                   | \$28,029,800    | \$958,718    | 34.204  | (Local Value)         |
| City of Kivalina                                                                    | \$3,388,600     | \$474,260    | 125.685 | (State Value)         |
| City of Klawock                                                                     | \$15,614,600    | \$667,714    | 42.762  | (Local Value)         |
| City of Kobuk                                                                       | \$1,102,900     | \$37,076     | 33.617  | (Local Value)         |
| City of Kodiak                                                                      | \$543,881,000   | \$10,545,346 | 19.389  | (Local Value)         |
| Kodiak Island Borough                                                               | \$879,201,500   | \$15,790,752 | 17.960  | (Local Value)         |
| Kodiak Island Borough                                                               | \$6,156,547     | \$4,525      | 0.735   | (Local Value)         |
| Kodiak Island Borough                                                               | \$13,635,302    | \$200,178    | 8.043   | (State Value)         |
| Kodiak Island Borough                                                               | \$17,445,033    | \$17,996     | 1.032   | (Local Value)         |
| Kodiak Island Borough                                                               | \$130,932,541   | \$77,403     | 0.591   | (Local Value)         |
| Kodiak Island Borough                                                               | \$46,085,884    | \$50,505     | 1.096   | (Local Value)         |
| Kodiak Island Borough                                                               | \$46,085,884    | \$66,099     | 1.434   | (Local Value)         |
| Kodiak Island Borough                                                               | \$23,590,342    | \$11,333     | 0.480   | (Local Value)         |
| City of Kotlik                                                                      | \$16,272,766    | \$267,066    | 16.412  | (Local Value)         |
| City of Kotzebue                                                                    | \$79,650,100    | \$3,332,038  | 41.833  | (Local Value)         |
| City of Koyuk                                                                       | \$8,284,857     | \$133,381    | 16.099  | (Local Value)         |
| City of Koyukuk                                                                     | \$3,711,854     | \$22,687     | 6.112   | (Local Value)         |
| City of Kupreanof                                                                   | \$712,676       | \$7,000      | 9.822   | (Local Value)         |
| City of Kwethluk                                                                    | \$20,430,042    | \$49,691     | 2.432   | (Local Value)         |
| Lake and Peninsula Borough                                                          | \$68,357,600    | \$2,144,570  | 31.373  | (Local Value)         |
| City of Larsen Bay                                                                  | \$6,113,000     | \$11,715     | 1.916   | (Local Value)         |
| City of Lower Kalskag                                                               | \$9,146,007     | \$66,130     | 7.230   | (Local Value)         |
| City of Manokotak                                                                   | \$11,937,321    | \$6,702      | 0.561   | (Local Value)         |
| City of Marshall                                                                    | \$8,849,059     | \$121,980    | 13.785  | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$26,577,893    | \$19,446     | 0.732   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$2,220,794,840 | \$32,250,127 | 14.522  | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$109,190,882   | \$127,732    | 1.170   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$154,427,560   | \$124,904    | 0.809   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$270,423,605   | \$307,185    | 1.136   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$89,459,632    | \$168,823    | 1.887   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$44,728,300    | \$39,422     | 0.881   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$1,130,378,268 | \$1,114,540  | 0.986   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$107,411,894   | \$80,340     | 0.748   | (Local Value)         |

## DCRA Research Analysis - 9/12/97

| Data Elements from DCRA FY 97 State Revenue Sharing Program - Calculations Database |                  |               |         |                       |
|-------------------------------------------------------------------------------------|------------------|---------------|---------|-----------------------|
| Municipality                                                                        | Assessed Value   | LGR           | MRE     | Assessed Value Source |
| Matanuska-Susitna Borough                                                           | \$4,322,185      | \$20,787      | 4.809   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$196,676,820    | \$220,527     | 1.121   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$91,648,753     | \$68,657      | 0.749   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$290,270,821    | \$191,746     | 0.661   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$53,524,435     | \$113,747     | 2.125   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$74,024,666     | \$105,479     | 1.425   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$159,889,998    | \$207,088     | 1.295   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$32,879,779     | \$24,578      | 0.748   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$124,752,726    | \$182,504     | 1.463   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$184,938,247    | \$140,469     | 0.760   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$158,223,364    | \$127,574     | 0.806   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$1,948,313,480  | \$2,726,901   | 1.400   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$13,051,944     | \$20,514      | 1.572   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$0              | \$0           | 0.000   |                       |
| Matanuska-Susitna Borough                                                           | \$0              | \$0           | 0.000   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$250,190,487    | \$179,545     | 0.718   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$17,621,863     | \$61,253      | 3.476   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$43,554,575     | \$60,701      | 1.394   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$18,635,131     | \$34,365      | 1.844   | (Local Value)         |
| Matanuska-Susitna Borough                                                           | \$84,571,462     | \$117,777     | 1.393   | (Local Value)         |
| City of McGrath                                                                     | \$14,223,823     | \$108,486     | 7.627   | (Local Value)         |
| City of Mekoryuk                                                                    | \$6,295,304      | \$23,449      | 3.725   | (Local Value)         |
| City of Mountain Village                                                            | \$3,866,700      | \$107,299     | 13.092  | (State Value)         |
| City of Napakiak                                                                    | \$9,680,514      | \$59,687      | 6.166   | (Local Value)         |
| City of Napaskiak                                                                   | \$11,996,711     | \$29,610      | 2.468   | (Local Value)         |
| City of Nenana                                                                      | \$18,205,500     | \$562,683     | 34.722  | (Local Value)         |
| City of New Stuyahok                                                                | \$12,501,523     | \$7,500       | 0.600   | (Local Value)         |
| City of Newhalen                                                                    | \$3,480,600      | \$30,776      | 8.842   | (Local Value)         |
| City of Nightmute                                                                   | \$5,612,323      | \$9,715       | 1.731   | (Local Value)         |
| City of Nikolai                                                                     | \$3,711,854      | \$128,667     | 34.684  | (Local Value)         |
| City of Nome                                                                        | \$151,049,200    | \$4,528,923   | 29.983  | (Local Value)         |
| City of Nondalton                                                                   | \$3,687,000      | \$63,453      | 17.210  | (Local Value)         |
| City of Noorvik                                                                     | \$6,457,500      | \$513,517     | 79.523  | (Local Value)         |
| City of North Pole                                                                  | \$193,671,300    | \$1,686,774   | 8.709   | (Local Value)         |
| North Slope Borough                                                                 | \$12,291,168,560 | \$201,156,733 | 16.366  | (Local Value)         |
| Northwest Arctic Borough                                                            | \$276,828,500    | \$1,871,227   | 6.760   | (Local Value)         |
| City of Nuiqsut                                                                     | \$3,168,300      | \$99,553      | 22.458  | (State Value)         |
| City of Nulato                                                                      | \$10,660,444     | \$203,818     | 19.119  | (Local Value)         |
| City of Nunapitchuk                                                                 | \$13,540,842     | \$57,756      | 4.265   | (Local Value)         |
| City of Old Harbor                                                                  | \$5,511,900      | \$32,658      | 5.925   | (Local Value)         |
| City of Ouzinkie                                                                    | \$2,811,200      | \$121,784     | 43.321  | (Local Value)         |
| City of Palmer                                                                      | \$127,602,600    | \$3,812,764   | 28.313  | (Local Value)         |
| City of Pelican                                                                     | \$14,198,600     | \$292,563     | 20.605  | (Local Value)         |
| City of Petersburg                                                                  | \$205,306,900    | \$8,565,011   | 41.718  | (Local Value)         |
| City of Pilot Point                                                                 | \$1,915,800      | \$683,124     | 356.574 | (Local Value)         |
| City of Pilot Station                                                               | \$2,791,314      | \$90,589      | 16.020  | (State Value)         |
| City of Platinum                                                                    | \$1,306,572      | \$28,804      | 22.045  | (Local Value)         |
| City of Point Hope                                                                  | \$3,033,800      | \$162,636     | 20.805  | (State Value)         |
| City of Port Alexander                                                              | \$3,266,431      | \$3,044       | 0.932   | (Local Value)         |

## DCRA Research Analysis - 9/12/97

| Data Elements from DCRA FY 97 State Revenue Sharing Program - Calculations Database |                |              |         |                       |
|-------------------------------------------------------------------------------------|----------------|--------------|---------|-----------------------|
| Municipality                                                                        | Assessed Value | LGR          | MRE     | Assessed Value Source |
| City of Port Heiden                                                                 | \$2,834,200    | \$8,729      | 2.374   | (Local Value)         |
| City of Port Lions                                                                  | \$7,484,100    | \$79,305     | 10.598  | (Local Value)         |
| City of Quinhagak                                                                   | \$16,302,461   | \$195,098    | 11.967  | (Local Value)         |
| City of Ruby                                                                        | \$6,235,914    | \$45,165     | 7.243   | (Local Value)         |
| City of Russian Mission                                                             | \$8,759,974    | \$24,060     | 2.747   | (Local Value)         |
| City of Sand Point                                                                  | \$39,467,400   | \$1,516,090  | 38.414  | (Local Value)         |
| City of Savoonga                                                                    | \$17,935,677   | \$1,803,061  | 100.529 | (Local Value)         |
| City of Saxman                                                                      | \$14,518,500   | \$551,450    | 37.983  | (Local Value)         |
| City of Scammon Bay                                                                 | \$12,887,556   | \$62,437     | 4.845   | (Local Value)         |
| City of Selawik                                                                     | \$7,930,700    | \$513,772    | 64.783  | (Local Value)         |
| City of Seldovia                                                                    | \$20,232,700   | \$371,645    | 18.369  | (Local Value)         |
| City of Seward                                                                      | \$191,300,300  | \$7,884,468  | 41.215  | (Local Value)         |
| City of Shageluk                                                                    | \$4,276,055    | \$34,609     | 8.094   | (Local Value)         |
| City of Shaktolik                                                                   | \$5,909,271    | \$79,947     | 13.529  | (Local Value)         |
| City of Sheldon Point                                                               | \$4,840,257    | \$42,619     | 8.805   | (Local Value)         |
| City of Shishmaref                                                                  | \$15,916,428   | \$220,093    | 13.828  | (Local Value)         |
| City of Shungnak                                                                    | \$2,963,300    | \$107,533    | 36.288  | (Local Value)         |
| City and Borough of Sitka                                                           | \$522,397,400  | \$16,834,238 | 32.225  | (Local Value)         |
| City of Skagway                                                                     | \$93,218,800   | \$2,149,131  | 23.055  | (Local Value)         |
| City of Soldotna                                                                    | \$255,197,100  | \$4,800,437  | 18.811  | (Local Value)         |
| City of St. George                                                                  | \$5,790,492    | \$1,292,517  | 223.214 | (Local Value)         |
| City of St. Mary's                                                                  | \$4,543,400    | \$972,851    | 187.847 | (State Value)         |
| City of St. Michael                                                                 | \$10,125,937   | \$118,267    | 11.680  | (Local Value)         |
| City of St. Paul                                                                    | \$22,775,934   | \$4,133,745  | 181.496 | (Local Value)         |
| City of Stebbins                                                                    | \$14,105,044   | \$272,911    | 19.348  | (Local Value)         |
| City of Tanana                                                                      | \$5,943,100    | \$216,506    | 36.430  | (Local Value)         |
| City of Teller                                                                      | \$8,136,383    | \$442,301    | 54.361  | (Local Value)         |
| City of Tenakee Springs                                                             | \$3,296,126    | \$25,226     | 7.653   | (Local Value)         |
| City of Thome Bay                                                                   | \$19,301,639   | \$219,509    | 11.373  | (Local Value)         |
| City of Togiak                                                                      | \$11,588,500   | \$200,299    | 17.284  | (Local Value)         |
| City of Toksook Bay                                                                 | \$15,441,311   | \$217,238    | 14.069  | (Local Value)         |
| City of Unalakleet                                                                  | \$22,686,849   | \$227,321    | 10.020  | (Local Value)         |
| City of Unalaska                                                                    | \$357,701,700  | \$17,958,743 | 50.206  | (Local Value)         |
| City of Upper Kalskag                                                               | \$5,463,848    | \$13,656     | 2.499   | (Local Value)         |
| City of Valdez                                                                      | \$983,782,720  | \$20,103,765 | 20.435  | (Local Value)         |
| City of Wainwright                                                                  | \$4,037,900    | \$157,816    | 28.881  | (State Value)         |
| City of Wales                                                                       | \$5,137,205    | \$81,163     | 15.799  | (Local Value)         |
| City of Wasilla                                                                     | \$272,626,900  | \$5,005,511  | 18.360  | (Local Value)         |
| City of White Mountain                                                              | \$6,206,219    | \$34,399     | 5.543   | (Local Value)         |
| City of Whittier                                                                    | \$31,141,410   | \$1,107,002  | 35.548  | (Local Value)         |
| City of Wrangell                                                                    | \$135,929,800  | \$6,540,466  | 48.116  | (Local Value)         |
| City and Borough of Yakutat                                                         | \$29,824,000   | \$623,172    | 20.895  | (Local Value)         |

# **FINANCING**

## **ALASKA'S DEFERRED MAINTENANCE AND CAPITAL CONSTRUCTION NEEDS**

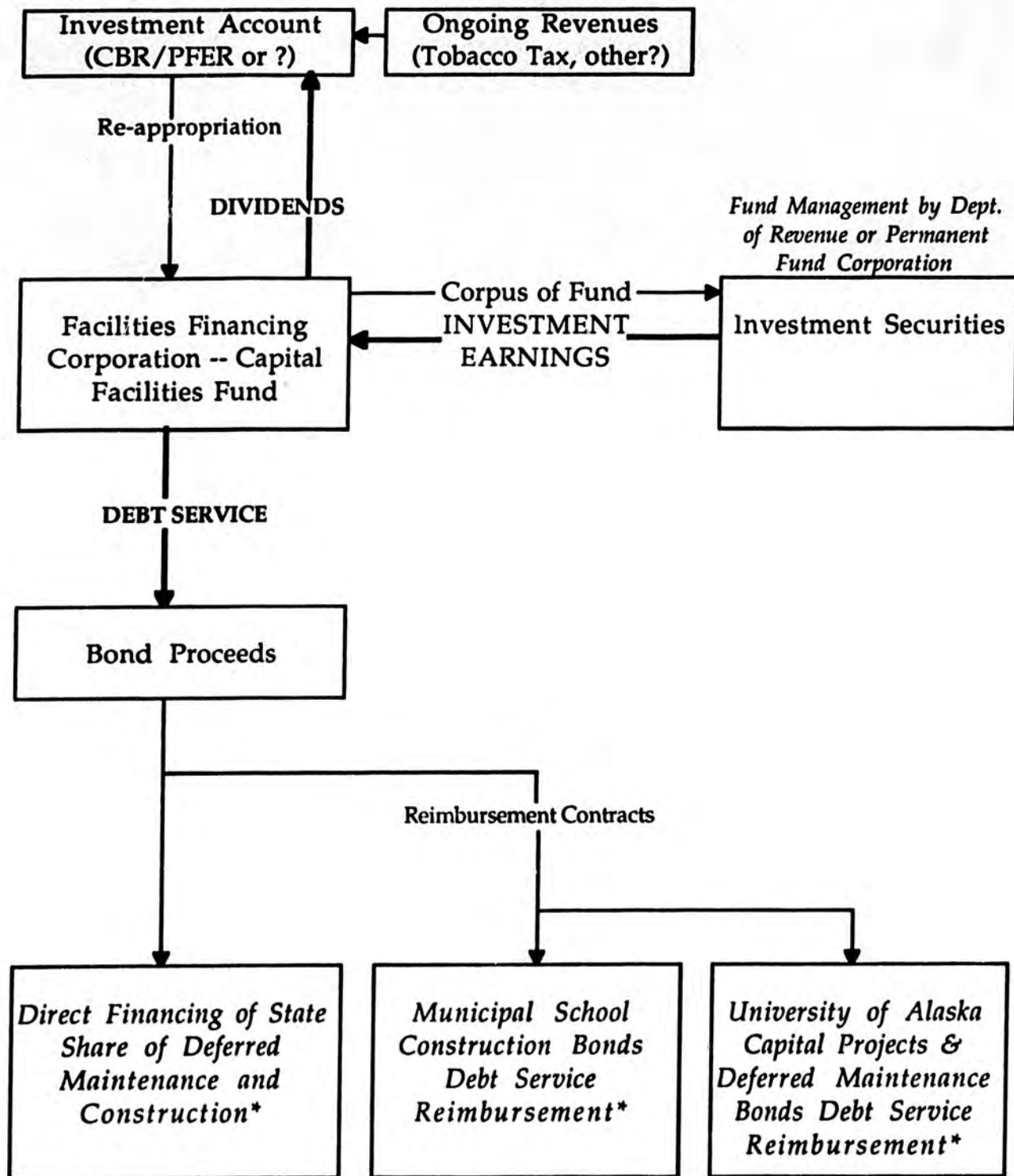
### **Deferred Maintenance Task Force**

**October 20, 1997**

**Robert LeResche -- Cominco Alaska, Inc., John Nuveen & Co., Inc., LeResche & Co.**

- **Maintaining our capital facilities base -- An exercise in Asset Management**
  - \* Capital facilities are essential "reserves"
  - \* The high cost of deferral
  - \* Present need and Present Value
  - \* "Pay as you go" considerations
- **Key considerations in funding our capital facilities reserve**
  - \* Closing the "Fiscal Gap" according to plan
  - \* Maintaining adequate operating reserves
  - \* Overcoming accelerating physical depreciation
  - \* Beating inflation
  - \* Equitably allocating the burden
  - \* Self-imposed limits -- real or imagined?
- **Alaska's alternatives**
  - \* Pay cash
  - \* Shift the burden -- Molly Hootch revisited
  - \* Issue General Obligation Bonds
  - \* Modify a proven financing structure to meet our key considerations
- **The Facilities Financing Corporation Concept**
  - \* Rational asset management
  - \* Leveraging our liquidity
  - \* Present need and Present Value
  - \* Paying as we go
  - \* Proposed structure
- **Applying the concept to meet our asset management and public policy needs**
  - \* Closing the "Fiscal Gap" according to plan
  - \* Maintaining adequate operating reserves
  - \* Overcoming accelerating physical depreciation
  - \* Beating inflation
  - \* Managing the CBR and PFER
  - \* Votes of the people
  - \* Using cigarette tax or other revenues
  - \* Allocating the burden equitably
  - \* Allocating the benefits

## Deferred Maintenance and New Construction Facilities Financing Structure



\* Specific projects and reimbursement Contracts must be authorized by the Legislature before the Capital Facilities fund can enter a funding or reimbursement contract.