

**HARZA-EBASCO**

Susitna Joint Venture  
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SUSITNA HYDROELECTRIC PROJECT

SOCIOECONOMIC IMPACT PROJECTIONS:

AIR TRANSPORTATION FROM FAIRBANKS SCENARIO



Report by  
Frank Orth & Associates, Inc.

Under Contract to  
Harza-Ebasco Susitna Joint Venture

Prepared for  
Alaska Power Authority

Final Report  
June 1984

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# TABLE OF CONTENTS

|                                                                                | <u>PAGE</u> |
|--------------------------------------------------------------------------------|-------------|
| ASSUMPTIONS FOR THE AIR TRANSPORTATION FROM FAIRBANKS SCENARIO                 |             |
| Assumptions for Areas Considered for Relocation Within the Railbelt            | i           |
| Assumptions for Disaggregation of Non-relocators                               | ii          |
| Assumptions for Construction Employment by New Place of Residence by Community | iii         |
| Assumptions for Travel Times                                                   | iv          |

## 1. ECONOMIC/DEMOGRAPHIC MODULE REPORTS

### Impact of the Project on Population, 1981-1993:

|                                                     |    |
|-----------------------------------------------------|----|
| Matanuska-Susitna Borough                           | 1  |
| Cantwell                                            | 2  |
| Trapper Creek                                       | 3  |
| Talkeetna                                           | 4  |
| City of Palmer                                      | 5  |
| City of Wasilla                                     | 6  |
| City of Houston                                     | 7  |
| Municipality of Anchorage                           | 8  |
| Municipality of Fairbanks                           | 9  |
| Railbelt Region (Not Reported At This Time)         | 10 |
| State of Alaska (Not Reported At This Time)         | 11 |
| Rural/Remote Areas of the Matanuska-Susitna Borough | 12 |
| Suburban Areas of the Matanuska-Susitna Borough     | 13 |
| Healy                                               | 14 |
| City of Nenana                                      | 15 |
| McKinley Park                                       | 16 |
| Fairbanks-North Star Borough                        | 17 |
| Local Impact Area                                   | 18 |
| Matanuska-Susitna Borough Communities               | 19 |

# TABLE OF CONTENTS (Continued)

|                                                                          | <u>PAGE</u> |
|--------------------------------------------------------------------------|-------------|
| Impact of the Project on Population, 1994-2005:                          |             |
| Matanuska-Susitna Borough                                                | 20          |
| Cantwell                                                                 | 21          |
| Trapper Creek                                                            | 22          |
| Talkeetna                                                                | 23          |
| City of Palmer                                                           | 24          |
| City of Wasilla                                                          | 25          |
| City of Houston                                                          | 26          |
| Municipality of Anchorage                                                | 27          |
| Municipality of Fairbanks                                                | 28          |
| Railbelt Region (Not Reported At This Time)                              | 29          |
| State of Alaska (Not Reported At This Time)                              | 30          |
| Rural/Remote Areas of the Matanuska-Susitna Borough                      | 31          |
| Suburban Areas of the Matanuska-Susitna Borough                          | 32          |
| Healy                                                                    | 33          |
| City of Nenana                                                           | 34          |
| McKinley Park                                                            | 35          |
| Fairbanks-North Star Borough                                             | 36          |
| Local Impact Area                                                        | 37          |
| Matanuska-Susitna Borough Communities                                    | 38          |
| Impact of the Project on Employment by Place of Work, 1981-1993:         |             |
| Local Impact Area                                                        | 39          |
| Impact of Project-Related Employees by Place of Residence,<br>1981-1993: |             |
| Matanuska-Susitna Borough Communities                                    | 40          |
| Railbelt Portion of the Yukon-Koyukuk Borough                            | 41          |
| Municipality of Anchorage                                                | 42          |
| Fairbanks-North Star Borough                                             | 43          |
| Southeast Fairbanks Census Division                                      | 44          |
| Kenai-Cook Inlet Census Division                                         | 45          |

# TABLE OF CONTENTS (Continued)

|                                                                              | <u>PAGE</u> |
|------------------------------------------------------------------------------|-------------|
| Seward Census Division                                                       | 46          |
| Valdez-Chitina-Whittier Census Division                                      | 47          |
| Local Impact Area                                                            | 48          |
| Railbelt Region (Not Reported At This Time)                                  | 49          |
| State of Alaska (Not Reported At This Time)                                  | 50          |
| <br>Impact of the Project on Employment by Place of Work, 1994-2005:         |             |
| Local Impact Area                                                            | 51          |
| <br>Impact of Project-Related Employees by Place of Residence,<br>1994-2005: |             |
| Matanuska-Susitna Borough Communities                                        | 52          |
| Railbelt Portion of the Yukon-Koyukuk Borough                                | 53          |
| Municipality of Anchorage                                                    | 54          |
| Fairbanks-North Star Borough                                                 | 55          |
| Southeast Fairbanks Census Division                                          | 56          |
| Kenai-Cook Inlet Census Division                                             | 57          |
| Seward Census Division                                                       | 58          |
| Valdez-Chitina-Whittier Census Division                                      | 59          |
| Local Impact Area                                                            | 60          |
| Railbelt Region (Not Reported At This Time)                                  | 61          |
| State of Alaska (Not Reported At This Time)                                  | 62          |
| <br>Gravity Model Assignment of Relocaters to Places                         | 63          |
| <br>Impact of the Project of Number of Households, 1981-1993:                |             |
| Matanuska-Susitna Borough                                                    | 64          |
| City of Palmer                                                               | 65          |
| City of Wasilla                                                              | 66          |
| City of Houston                                                              | 67          |
| Talkeetna                                                                    | 68          |
| Trapper Creek                                                                | 69          |

# TABLE OF CONTENTS (Continued)

|                                                           | <u>PAGE</u> |
|-----------------------------------------------------------|-------------|
| Rural/Remote Areas of the Matanuska-Susitna Borough       | 70          |
| Suburban Areas of the Matanuska-Susitna Borough           | 71          |
| Railbelt Portion of the Yukon-Koyukuk Borough             | 72          |
| Cantwell                                                  | 73          |
| McKinley Park                                             | 74          |
| City of Nenana                                            | 75          |
| Healy                                                     | 76          |
| Municipality of Anchorage                                 | 77          |
| Fairbanks-North Star Borough                              | 78          |
| Municipality of Fairbanks                                 | 79          |
| Southeast Fairbanks Borough                               | 80          |
| Kenai-Cook Inlet Census Division                          | 81          |
| Seward Census Division                                    | 82          |
| Valdez-Chitina-Whittier Census Division                   | 83          |
| Local Impact Area                                         | 84          |
| Railbelt Region (Not Reported At This Time)               | 85          |
| State of Alaska (Not Reported At This Time)               | 86          |
| Matanuska-Susitna Borough Communities                     | 87          |
| Impact of the Project of Number of Households, 1994-2005: |             |
| Matanuska-Susitna Borough                                 | 88          |
| City of Palmer                                            | 89          |
| City of Wasilla                                           | 90          |
| City of Houston                                           | 91          |
| Talkeetna                                                 | 92          |
| Trapper Creek                                             | 93          |
| Rural/Remote Areas of the Matanuska-Susitna Borough       | 94          |
| Suburban Areas of the Matanuska-Susitna Borough           | 95          |
| Railbelt Portion of the Yukon-Koyukuk Borough             | 96          |
| Cantwell                                                  | 97          |
| McKinley Park                                             | 98          |
| City of Nenana                                            | 99          |

# TABLE OF CONTENTS (Continued)

|                                                     | <u>PAGE</u> |
|-----------------------------------------------------|-------------|
| Healy                                               | 100         |
| Municipality of Anchorage                           | 101         |
| Fairbanks-North Star Borough                        | 102         |
| Municipality of Fairbanks                           | 103         |
| Southeast Fairbanks Borough                         | 104         |
| Kenai-Cook Inlet Census Division                    | 105         |
| Seward Census Division                              | 106         |
| Valdez-Chitina-Whittier Census Division             | 107         |
| Local Impact Area                                   | 108         |
| Railbelt Region (Not Reported At This Time)         | 109         |
| State of Alaska (Not Reported At This Time)         | 110         |
| Matanuska-Susitna Borough Communities               | 111         |
| Impact of the Project on Housing Units, 1981-1993:  |             |
| Matanuska-Susitna Borough                           | 112         |
| City of Palmer                                      | 113         |
| City of Wasilla                                     | 114         |
| City of Houston                                     | 115         |
| Talkeetna                                           | 116         |
| Trapper Creek                                       | 117         |
| Rural/Remote Areas of the Matanuska-Susitna Borough | 118         |
| Suburban Areas of the Matanuska-Susitna Borough     | 119         |
| Railbelt Portion of the Yukon-Koyukuk Borough       | 120         |
| Cantwell                                            | 121         |
| Healy                                               | 122         |
| City of Nenana                                      | 123         |
| McKinley Park                                       | 124         |
| Municipality of Anchorage                           | 125         |
| Fairbanks-North Star Borough                        | 126         |
| Municipality of Fairbanks                           | 127         |
| Kenai-Cook Inlet Census Division                    | 128         |
| Seward Census Division                              | 129         |

# TABLE OF CONTENTS (Continued)

|                                                                                              | <u>PAGE</u> |
|----------------------------------------------------------------------------------------------|-------------|
| Southeast Fairbanks Borough                                                                  | 130         |
| Valdez-Chitina-Whittier Census Division                                                      | 131         |
| Railbelt Region (Not Reported At This Time)                                                  | 132         |
| State of Alaska (Not Reported At This Time)                                                  | 133         |
| Matanuska-Susitna Borough Communities                                                        | 134         |
| <br>Impact of the Project on Housing Units, 1994-2005:                                       |             |
| Matanuska-Susitna Borough                                                                    | 135         |
| City of Palmer                                                                               | 136         |
| City of Wasilla                                                                              | 137         |
| City of Houston                                                                              | 138         |
| Talkeetna                                                                                    | 139         |
| Trapper Creek                                                                                | 140         |
| Rural/Remote Areas of the Matanuska-Susitna Borough                                          | 141         |
| Suburban Areas of the Matanuska-Susitna Borough                                              | 142         |
| Railbelt Portion of the Yukon-Koyukuk Borough                                                | 143         |
| Cantwell                                                                                     | 144         |
| Healy                                                                                        | 145         |
| City of Nenana                                                                               | 146         |
| McKinley Park                                                                                | 147         |
| Municipality of Anchorage                                                                    | 148         |
| Fairbanks-North Star Borough                                                                 | 149         |
| Municipality of Fairbanks                                                                    | 150         |
| Kenai-Cook Inlet Census Division                                                             | 151         |
| Seward Census Division                                                                       | 152         |
| Southeast Fairbanks Borough                                                                  | 153         |
| Valdez-Chitina-Whittier Census Division                                                      | 154         |
| Railbelt Region (Not Reported At This Time)                                                  | 155         |
| State of Alaska (Not Reported At This Time)                                                  | 156         |
| Matanuska-Susitna Borough Communities                                                        | 157         |
| <br>Village Construction Workers by Labor Category, Origin,<br>and Marital Status, 1985-2002 | <br>158     |



TABLE OF CONTENTS (Continued)

|                                                                              | <u>PAGE</u> |
|------------------------------------------------------------------------------|-------------|
| Construction Work Force by Resident and Nonresident<br>Status, 1985-2002     | 159         |
| 2. FACILITIES AND SERVICES MODULE REPORTS                                    |             |
| Impact of the Project on Water Supply Facilities<br>(in Gallons), 1985-1993: |             |
| City of Palmer - Average Water Requirements                                  | 160         |
| City of Palmer - Peak Water Supply Requirements                              | 161         |
| Impact of the Project on Sewage Treatment Facilities                         | 162         |
| Impact of the Project on Water Supply Facilities<br>(in Gallons), 1985-1993: |             |
| City of Wasilla - Average Water Requirements                                 | 163         |
| City of Wasilla - Peak Water Supply Requirements                             | 164         |
| Impact of the Project on Sewage Treatment Facilities                         | 165         |
| Impact of the Project on Water Supply Facilities<br>(in Gallons), 1994-2005: |             |
| City of Palmer - Average Water Requirements                                  | 166         |
| City of Palmer - Peak Water Supply Requirements                              | 167         |
| Impact of the Project on Sewage Treatment Facilities                         | 168         |
| Impact of the Project on Water Supply Facilities<br>(in Gallons), 1994-2005: |             |
| City of Wasilla - Average Water Requirements                                 | 169         |
| City of Wasilla - Peak Water Supply Requirements                             | 170         |
| Impact of the Project on Sewage Treatment Facilities                         | 171         |

# TABLE OF CONTENTS (Continued)

|                                                                 | <u>PAGE</u> |
|-----------------------------------------------------------------|-------------|
| Impact of the Project on Solid Waste Facilities (in Acres),     |             |
| 1985-1993:                                                      |             |
| Matanuska-Susitna Borough                                       | 172         |
| Matanuska-Susitna Borough (Off-Site)                            | 173         |
| Trapper Creek                                                   | 174         |
| Talkeetna                                                       | 175         |
| Cantwell                                                        | 176         |
| Impact of the Project on Solid Waste Facilities (in Acres),     |             |
| 1994-2005:                                                      |             |
| Matanuska-Susitna Borough                                       | 177         |
| Matanuska-Susitna Borough (Off-Site)                            | 178         |
| Trapper Creek                                                   | 179         |
| Talkeetna                                                       | 180         |
| Cantwell                                                        | 181         |
| Impact of the Project on Police Protection (Number of Officers) |             |
| 1985-1993:                                                      |             |
| Matanuska-Susitna Borough                                       | 182         |
| Matanuska-Susitna Borough (Off-Site)                            | 183         |
| City of Palmer                                                  | 184         |
| Trapper Creek                                                   | 185         |
| Work Camps and Family Villages                                  | 186         |
| Cantwell                                                        | 187         |
| Impact of the Project on Police Protection (Number of Officers) |             |
| 1994-2005:                                                      |             |
| Matanuska-Susitna Borough                                       | 188         |
| Matanuska-Susitna Borough (Off-Site)                            | 189         |
| City of Palmer                                                  | 190         |
| Trapper Creek                                                   | 191         |
| Work Camps and Family Villages                                  | 192         |
| Cantwell                                                        | 193         |

# TABLE OF CONTENTS (Continued)

|                                                               | <u>PAGE</u> |
|---------------------------------------------------------------|-------------|
| <br>Impact of the Project on Education Facilities, 1985-1993: |             |
| City of Palmer - Primary School Children                      | 194         |
| City of Palmer - Secondary School Children                    | 195         |
| City of Palmer - Total School Children                        | 196         |
| City of Wasilla - Primary School Children                     | 197         |
| City of Wasilla - Secondary School Children                   | 198         |
| City of Wasilla - Total School Children                       | 199         |
| City of Trapper Creek - Primary School Children               | 200         |
| City of Trapper Creek - Secondary School Children             | 201         |
| City of Trapper Creek - Total School Children                 | 202         |
| City of Talkeetna - Primary School Children                   | 203         |
| City of Talkeetna - Secondary School Children                 | 204         |
| City of Talkeetna - Total School Children                     | 205         |
| Matanuska-Susitna Borough - Primary School Children           | 206         |
| Matanuska-Susitna Borough - Secondary School Children         | 207         |
| Matanuska-Susitna Borough - Total School Children             | 208         |
| City of Houston - Primary School Children                     | 209         |
| City of Houston - Secondary School Children                   | 210         |
| City of Houston - Total School Children                       | 211         |
| On-Site - Primary School Children                             | 212         |
| On-Site - Secondary School Children                           | 213         |
| On-Site - Total School Children                               | 214         |
| Community of Cantwell                                         | 215         |
| <br>Impact of the Project on Education Facilities, 1994-2005: |             |
| City of Palmer - Primary School Children                      | 216         |
| City of Palmer - Secondary School Children                    | 217         |
| City of Palmer - Total School Children                        | 218         |
| City of Wasilla - Primary School Children                     | 219         |
| City of Wasilla - Secondary School Children                   | 220         |
| City of Wasilla - Total School Children                       | 221         |
| City of Trapper Creek - Primary School Children               | 222         |

# TABLE OF CONTENTS (Continued)

|                                                                          | <u>PAGE</u> |
|--------------------------------------------------------------------------|-------------|
| City of Trapper Creek - Secondary School Children                        | 223         |
| City of Trapper Creek - Total School Children                            | 224         |
| City of Talkeetna - Primary School Children                              | 225         |
| City of Talkeetna - Secondary School Children                            | 226         |
| City of Talkeetna - Total School Children                                | 227         |
| Matanuska-Susitna Borough - Primary School Children                      | 228         |
| Matanuska-Susitna Borough - Secondary School Children                    | 229         |
| Matanuska-Susitna Borough - Total School Children                        | 230         |
| City of Houston - Primary School Children                                | 231         |
| City of Houston - Secondary School Children                              | 232         |
| City of Houston - Total School Children                                  | 233         |
| On-Site - Primary School Children                                        | 234         |
| On-Site - Secondary School Children                                      | 235         |
| On-Site - Total School Children                                          | 236         |
| Community of Cantwell                                                    | 237         |
|                                                                          |             |
| Impact of the Project on Recreation Facilities (in Acres),<br>1985-1993: |             |
| City of Palmer - Playgrounds                                             | 238         |
| City of Palmer - Neighborhood Parks                                      | 239         |
| City of Wasilla - Playgrounds                                            | 240         |
| City of Wasilla - Neighborhood Parks                                     | 241         |
| City of Houston - Playgrounds                                            | 242         |
| City of Houston - Neighborhood Parks                                     | 243         |
| Matanuska-Susitna Borough - Community Parks                              | 244         |
| City of Cantwell - Playgrounds                                           | 245         |
| City of Cantwell - Neighborhood Parks                                    | 246         |
|                                                                          |             |
| Impact of the Project on Recreation Facilities (in Acres),<br>1994-2005: |             |
| City of Palmer - Playgrounds                                             | 247         |
| City of Palmer - Neighborhood Parks                                      | 248         |

## TABLE OF CONTENTS (Continued)

|                                                                                    | <u>PAGE</u> |
|------------------------------------------------------------------------------------|-------------|
| City of Wasilla - Playgrounds                                                      | 249         |
| City of Wasilla - Neighborhood Parks                                               | 250         |
| City of Houston - Playgrounds                                                      | 251         |
| City of Houston - Neighborhood Parks                                               | 252         |
| Matanuska-Susitna Borough - Community Parks                                        | 253         |
| City of Cantwell - Playgrounds                                                     | 254         |
| City of Cantwell - Neighborhood Parks                                              | 255         |
| Impact of the Project on the Hospital Requirements (in Number of Beds), 1985-1993: |             |
| Matanuska-Susitna Borough                                                          | 256         |
| Matanuska-Susitna Borough (Off-Site)                                               | 257         |
| Impact of the Project on the Hospital Requirements (in Number of Beds), 1994-2005: |             |
| Matanuska-Susitna Borough                                                          | 258         |
| Matanuska-Susitna Borough (Off-Site)                                               | 259         |
| 3. FISCAL MODULE REPORTS                                                           |             |
| Impacts on Budgets - Projections:                                                  |             |
| City of Houston, 1985-1993                                                         | 260         |
| City of Houston, 1994-2005                                                         | 261         |
| City of Palmer, 1985-1993                                                          | 262         |
| City of Palmer, 1994-2005                                                          | 263         |
| Mat-Su Revenue Collections on Behalf of Talkeetna, 1985-1993                       | 264         |
| Mat-Su Revenue Collections on Behalf of Talkeetna, 1994-2005                       | 265         |
| City of Wasilla, 1985-1993                                                         | 266         |
| City of Wasilla, 1994-2005                                                         | 267         |
| City of Cantwell Fiscal Projections, 1985-1993                                     | 268         |
| City of Cantwell Fiscal Projections, 1994-2005                                     | 269         |

# TABLE OF CONTENTS (Continued)

|                                                              | <u>PAGE</u> |
|--------------------------------------------------------------|-------------|
| Impacts on Budgets - Mat-Su Borough, 1985-1993:              |             |
| General Fund                                                 | 270         |
| Service Area Fund                                            | 271         |
| Land Management Fund                                         | 272         |
| Impacts on Budgets - Mat-Su Borough, 1994-2005:              |             |
| General Fund                                                 | 273         |
| Service Area Fund                                            | 274         |
| Land Management Fund                                         | 275         |
| Impacts on Budgets - Mat-Su Borough (Off-Site), 1985-1993:   |             |
| General Fund                                                 | 276         |
| Service Area Fund                                            | 277         |
| Land Management Fund                                         | 278         |
| Impacts on Budgets - Mat-Su Borough (Off-Site), 1994-2005:   |             |
| General Fund                                                 | 279         |
| Service Area Fund                                            | 280         |
| Land Management Fund                                         | 281         |
| Municipality of Anchorage Expenditure Projections, 1985-1993 | 282         |
| Municipality of Anchorage Expenditure Projections, 1994-2005 | 283         |
| Municipality of Fairbanks Expenditure Projections, 1985-1993 | 284         |
| Municipality of Fairbanks Expenditure Projections, 1994-2005 | 285         |
| Mat-Su Borough School Budget Projections, 1985-1993          | 286         |
| Mat-Su Borough School Budget Projections, 1994-2005          | 287         |

094200 ..... AREAS CONSIDERED FOR RELOCATION WITHIN THE RAILBELT

094300 DEL6AN C DELR\*ZSLC6AN

094400 DEL6KC C DELR\*ZSLC6KC

094500 DEL6SW C DELR\*ZSLC6SW

094600 DEL6FN C DELR\*ZSLC6FN

094700 DEL6SF C DELR\*ZSLC6SF

094800 DES6AN C DESR\*ZSLC6AN

094900 DES6KC C DESR\*ZSLC6KC

095000 DES6SW C DESR\*ZSLC6SW

095100 DES6FN C DESR\*ZSLC6FN

095200 DES6SF C DESR\*ZSLC6SF

095300 DEA6AN C DEAR\*ZSLC6AN

095400 DEA6KC C DEAR\*ZSLC6KC

095500 DEA6SW C DEAR\*ZSLC6SW

095600 DEA6FN C DEAR\*ZSLC6FN

095700 DEA6SF C DEAR\*ZSLC6SF

095800 DEL7AN C DEL6AN+DEL6KC+DEL6SW

095900 DEL7FN C ZERO

096000 DES7AN C DES6AN+DES6KC+DES6SW

096100 DES7FN C ZERO

096200 DEA7AN C ZERO

096300 DEA7FN C ZERO

133200 ----- ROUND0  
133300 DNR6AN C DNR7AN\*ZASL6AN+DEA6AN  
133400 DNR6KC C DNR7AN\*ZASL6KC+DEA6KC  
133500 DNR6SW C DNR7AN\*ZASL6SW+DEA6SW  
133600 DNR6FN C DNR7FN\*ZASL6FN+DEL6FN+DES6FN+DEA6FN  
133700 DNR6SF C DNR7FN\*ZASL6SF+DEL6SF+DES6SF+DEA6SF  
133800 ----- ROUND OFF



```

350800 ..... CONSTRUCTION EMPLOYMENT BY NEW PLACE OF RESIDENCE
350900 ..... BY COMMUNITY
351000 DENR1V1 C DENR1VM+DENR1VS
351100 DENR1W1 C DNR7AN+DEA6AN+DEA6KC+DEA6SW+DNRS+DNRO+DEOR6VL+QRNM6AN
351200 DENR1W1 C DENR1W1+DNR6FN+DNR6SF+QRNS6AN+QRNM6FN+QRNS6FN+QRNM3CC
351300 DENR1W1 C DENR1W1+QRNS3CC+QRNM3VA+QRNS3VA+QRNM3GL+QRNS3GL+QRNM3GU
351400 DENR1W1 C DENR1W1+QRNS3GU+QRNM3PX+QRNS3PX
351500 DENR1W2 C ZERO
351600 DENR1W3 C ZERO
351700 DENR1V2 C ZERO
351800 DENR1V3 C ZERO
351900 DENR2PA C DEOR2PA+QRRM2PA+QRRS2PA+QRNM2PA+QRNS2PA
352000 DENR2WA C DEOR2WA+QRRM2WA+QRRS2WA+QRNM2WA+QRNS2WA
352100 DENR2HO C DEOR2HO+QRRM2HO+QRRS2HO+QRNM2HO+QRNS2HO
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352500 DENR4CN C DEOR4CN+QRRM4CN+QRRS4CN+QRNM4CN+QRNS4CN
352600 DENR4HE C DEOR4HE+QRRM4HE+QRRS4HE+QRNM4HE+QRNS4HE
352700 DENR4MC C DEOR4MC+QRRM4MC+QRRS4MC+QRNM4MC+QRNS4MC
352800 DENR4NE C DEOR4NE+QRRM4NE+QRRS4NE+QRNM4NE+QRNS4NE
352900 DENR2GC C DEOR2GC+QRRM2GC+QRRS2GC+QRNM2GC+QRNS2GC
353000 DENR2SH C DEOR2SH+QRRM2SH+QRRS2SH+QRNM2SH+QRNS2SH
353100 DENR2CU C DEOR2CU+QRRM2CU+QRRS2CU+QRNM2CU+QRNS2CU
353200 DENR2CH C DEOR2CH+QRRM2CH+QRRS2CH+QRNM2CH+QRNS2CH
353300 DENR2CL C DEOR2CL+QRRM2CL+QRRS2CL+QRNM2CL+QRNS2CL
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354100 DENR6KC C DNR6KC
354200 DENR6SW C DNR6SW
354300 DENR6SF C DNR6SF
354400 DENR5MS C DENR2PA+DENR2WA+DENR2HO+DENR2SU+DENR2TC+DENR2TK+DENR2RU
354500 DENR5WC C DENR1W1+DENR1W2+DENR1W3+DENR1V1+DENR1V2+DENR1V3
354600 DENR6MS C DENR5MS+DENR1V1
354700 DENR6YK C DEOR6YK+QRRM6YK+QRRS6YK+QRNM6YK+QRNS6YK
354800 DENR7 C DENR6MS+DENR6YK+DENR1W1
354900 DENR8AN C DENR6AN+DENR6KC+DENR6SW+DENR6MS
355000 DENR8FN C DENR6FN+DENR6SF
    
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TRAV/TRAVTIMV/DEFUSER = RLH  
Alternate 01 of 01  
05/19/84 AT 14:05:59  
SUSITNA HYDROELECTRIC PROJECT  
TRAVEL TIME CALCULATION SUBMOD  
TRAVEL TIMES BETWEEN IMPACT AR

|                      |       |
|----------------------|-------|
| Palmer               | 9.80  |
| Wasilla              | 9.44  |
| Houston              | 9.05  |
| Trapper Creek        | 7.61  |
| Talkeetna            | 8.40  |
| Palmer Suburban      | 9.80  |
| Wasilla Suburba      | 9.44  |
| Houston Suburba      | 9.05  |
| Cantwell             | 5.21  |
| Anchorage            | 10.49 |
| Fairbanks-North Star | 1.51  |
| Healy                | 4.24  |
| McKinley             | 4.53  |
| Nenana               | 2.85  |
| Gold Creek           | 11.63 |
| Sherman              | 11.76 |
| Curry                | 12.13 |
| Chase                | 12.56 |
| Chulitna             | 11.20 |
| Canyon               | 11.40 |
| Lane                 | 12.33 |
| Hurricane            | 10.93 |
| Glenallen            | 8.11  |
| Valdez               | 10.77 |
| Copper Center        | 8.26  |
| Gulkana              | 7.48  |
| Paxson               | 6.00  |

ECON/PDIMP/TV/WATANAH/ECONRPT+  
05/03/84 AT 21:52:19

PAGE: 1  
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SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0      | 0      | 0      | 0      | 1,179  | 1,486  | 2,680  | 3,511  | 3,895  | 4,674  | 4,447  | 3,669  | 2,167  |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 205    |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | 1,179  | 1,486  | 2,680  | 3,511  | 3,895  | 4,674  | 4,447  | 3,669  | 2,372  |
| Support Construction                       | 0      | 0      | 0      | 0      | 47     | 69     | 81     | 124    | 139    | 175    | 168    | 155    | 139    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 9      |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 47     | 69     | 81     | 124    | 139    | 175    | 168    | 155    | 148    |
| Total Project                              | 0      | 0      | 0      | 0      | 1,226  | 1,555  | 2,761  | 3,635  | 4,034  | 4,849  | 4,615  | 3,824  | 2,520  |
| BASLINE PROJECTION                         | 22,339 | 27,652 | 30,579 | 32,797 | 35,224 | 37,624 | 39,610 | 41,554 | 44,163 | 47,246 | 49,168 | 52,401 | 54,797 |
| TOTAL POPULATION                           | 22,339 | 27,652 | 30,579 | 32,797 | 36,450 | 39,179 | 42,371 | 45,189 | 48,197 | 52,095 | 53,783 | 56,225 | 57,317 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 3      | 4      | 7      | 8      | 9      | 10     | 9      | 7      | 4      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 4      | 4      | 7      | 9      | 9      | 10     | 9      | 7      | 5      |

Source: Frank Orth & Associates, Inc., 1983.

ECGN/POPIPTV/WATANAH/ECJNRPT+  
05/03/84 AT 21:52:26

PAGE: 2  
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SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN CANTWELL

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFUX                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 64   | 99   | 71   | 92   | 106  | 146  | 141  | 134  | 124  |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 64   | 99   | 71   | 92   | 106  | 146  | 141  | 134  | 124  |
| Support Construction                       | 0    | 0    | 0    | 0    | 7    | 10   | 10   | 12   | 13   | 18   | 18   | 15   | 13   |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 7    | 10   | 10   | 12   | 13   | 18   | 18   | 15   | 13   |
| Total Project                              | 0    | 0    | 0    | 0    | 71   | 109  | 81   | 104  | 119  | 164  | 159  | 149  | 137  |
| BASELINE PROJECTION                        | 182  | 185  | 193  | 197  | 201  | 205  | 209  | 213  | 217  | 222  | 226  | 231  | 235  |
| TOTAL POPULATION                           | 182  | 183  | 193  | 197  | 272  | 314  | 290  | 317  | 336  | 386  | 385  | 380  | 372  |
| Direct Influx As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 32   | 48   | 34   | 43   | 49   | 66   | 62   | 58   | 53   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 35   | 53   | 39   | 49   | 55   | 74   | 70   | 65   | 58   |

Source: Frank Orth & Associates, Inc., 1983.

ECQN/PQIPMTV/WATANAH/ECQNRPT4  
05/03/84 AT 21:52:31

PAGE: 3  
USER = RLH

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN TRAPPER CREEK

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 25   | 39   | 46   | 64   | 71   | 96   | 92   | 89   | 78   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 25   | 39   | 46   | 64   | 71   | 96   | 92   | 89   | 78   |
| Support Construction                       | 0    | 0    | 0    | 0    | 10   | 19   | 19   | 31   | 37   | 46   | 43   | 40   | 36   |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 10   | 19   | 19   | 31   | 37   | 46   | 43   | 40   | 36   |
| Total Project                              | 0    | 0    | 0    | 0    | 35   | 58   | 65   | 95   | 108  | 142  | 135  | 129  | 114  |
| BASELINE PROJECTION                        | 225  | 237  | 227  | 236  | 246  | 255  | 266  | 276  | 287  | 299  | 311  | 323  | 336  |
| TOTAL POPULATION                           | 225  | 237  | 227  | 236  | 281  | 313  | 331  | 371  | 395  | 441  | 446  | 452  | 450  |
| Direct Influx As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 10   | 15   | 17   | 23   | 25   | 32   | 30   | 28   | 23   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 14   | 23   | 24   | 34   | 38   | 48   | 43   | 40   | 34   |

Source: Frank Orth & Associates, Inc., 1983.

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN TALKEETNA

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFUX                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 25   | 39   | 46   | 57   | 71   | 92   | 92   | 85   | 78   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 25   | 39   | 46   | 57   | 71   | 92   | 92   | 85   | 78   |
| Support Construction                       | 0    | 0    | 0    | 0    | 6    | 6    | 6    | 12   | 15   | 15   | 15   | 15   | 15   |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 6    | 6    | 6    | 12   | 15   | 15   | 15   | 15   | 15   |
| Total Project                              | 0    | 0    | 0    | 0    | 31   | 45   | 52   | 69   | 86   | 107  | 107  | 100  | 93   |
| BASELINE PROJECTION                        | 273  | 282  | 325  | 341  | 358  | 376  | 395  | 415  | 436  | 457  | 480  | 504  | 529  |
| TOTAL POPULATION                           | 273  | 282  | 325  | 341  | 389  | 421  | 447  | 484  | 522  | 564  | 587  | 604  | 622  |
| Direct Influx As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 7    | 10   | 12   | 14   | 16   | 20   | 19   | 17   | 15   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 9    | 12   | 13   | 17   | 20   | 23   | 22   | 20   | 18   |

Source: Frank Orth & Associates, Inc., 1983.

ELQN/POPIIMPV/WATANAH/EGONRPT4  
05/03/84 AT 21:52:43

PAGE: 5  
USER = RLH

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF PALMER

|                                              | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                          | 0     | 0     | 0     | 0     | 18    | 28    | 32    | 42    | 50    | 64    | 64    | 61    | 57    |
| Direct Operations                            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                              | 0     | 0     | 0     | 0     | 18    | 28    | 32    | 42    | 50    | 64    | 64    | 61    | 57    |
| Support Construction                         | 0     | 0     | 0     | 0     | 3     | 6     | 6     | 6     | 9     | 12    | 12    | 9     | 9     |
| Support Operations                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                             | 0     | 0     | 0     | 0     | 3     | 6     | 6     | 6     | 9     | 12    | 12    | 9     | 9     |
| Total Project                                | 0     | 0     | 0     | 0     | 21    | 34    | 38    | 48    | 59    | 76    | 76    | 70    | 66    |
| BASELINE PROJECTION                          | 2,567 | 2,524 | 2,738 | 2,916 | 3,106 | 3,307 | 3,522 | 3,751 | 3,995 | 4,255 | 4,404 | 4,558 | 4,718 |
| TOTAL POPULATION                             | 2,567 | 2,524 | 2,738 | 2,916 | 3,127 | 3,341 | 3,560 | 3,799 | 4,054 | 4,331 | 4,480 | 4,628 | 4,784 |
| Direct Influx As %<br>Increase Over Baseline | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 2     | 2     | 1     | 1     |
| Total Influx As %<br>Increase Over Baseline  | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 2     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/WATANAH/ECONRPT4  
05/03/84 AT 21:52:49

PAGE: 6  
USER = RLH

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF WASILLA

|                                            | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                     |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 0     | 0     | 0     | 0     | 21    | 32    | 35    | 47    | 54    | 75    | 75    | 68    | 64    |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 0     | 0     | 0     | 0     | 21    | 32    | 35    | 47    | 54    | 75    | 75    | 68    | 64    |
| Support Construction                       | 0     | 0     | 0     | 0     | 3     | 6     | 6     | 9     | 9     | 12    | 12    | 12    | 9     |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 0     | 0     | 0     | 0     | 3     | 6     | 6     | 9     | 9     | 12    | 12    | 12    | 9     |
| Total Project                              | 0     | 0     | 0     | 0     | 24    | 38    | 41    | 56    | 63    | 87    | 87    | 80    | 73    |
| BASELINE PROJECTION                        | 2,168 | 2,349 | 2,544 | 3,165 | 3,402 | 3,657 | 3,932 | 4,226 | 4,543 | 4,884 | 5,251 | 5,644 | 6,068 |
| TOTAL POPULATION                           | 2,168 | 2,349 | 2,944 | 3,165 | 3,426 | 3,695 | 3,973 | 4,282 | 4,606 | 4,971 | 5,338 | 5,724 | 6,141 |
| Direct Influx As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 2     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 2     | 2     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.



ECON/POPIIMPV/WATANAH/ECONRPT4  
05/03/84 AT 21:52:34

PAGE: 7  
USER = RLH

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF HOUSTON

|                                              | 1981 | 1982 | 1982 | 1984 | 1985 | 1986 | 1987 | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                       |      |      |      |      |      |      |      |       |       |       |       |       |       |
| Direct Construction                          | 0    | 0    | 0    | 0    | 21   | 28   | 35   | 46    | 50    | 71    | 68    | 64    | 61    |
| Direct Operations                            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                              | 0    | 0    | 0    | 0    | 21   | 28   | 35   | 46    | 50    | 71    | 68    | 64    | 61    |
| Support Construction                         | 0    | 0    | 0    | 0    | 3    | 3    | 3    | 6     | 6     | 6     | 6     | 6     | 6     |
| Support Operations                           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                             | 0    | 0    | 0    | 0    | 3    | 3    | 3    | 6     | 6     | 6     | 6     | 6     | 6     |
| Total Project                                | 0    | 0    | 0    | 0    | 24   | 31   | 38   | 52    | 56    | 77    | 74    | 70    | 67    |
| BASLINE PROJECTION                           | 600  | 603  | 606  | 667  | 733  | 807  | 887  | 976   | 1,074 | 1,181 | 1,299 | 1,429 | 1,572 |
| TOTAL POPULATION                             | 600  | 603  | 606  | 667  | 757  | 838  | 925  | 1,028 | 1,130 | 1,258 | 1,373 | 1,499 | 1,639 |
| Direct Influx As %<br>Increase Over Baseline | 0    | 0    | 0    | 0    | 3    | 4    | 4    | 5     | 5     | 6     | 5     | 5     | 4     |
| Total Influx As %<br>Increase Over Baseline  | 0    | 0    | 0    | 0    | 3    | 4    | 4    | 5     | 5     | 7     | 6     | 5     | 4     |

Source: Frank Orth & Associates, Inc., 1983.

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE MUNICIPALITY OF ANCHORAGE

|                                            | 1981    | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|--------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED INFLUX                     |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Construction                        | 0       | 0       | 0       | 0       | -252    | -412    | -893    | -1,023  | -1,119  | -1,266  | -1,217  | -1,014  | -600    |
| Direct Operations                          | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Subtotal Direct                            | 0       | 0       | 0       | 0       | -252    | -412    | -893    | -1,023  | -1,119  | -1,266  | -1,217  | -1,014  | -600    |
| Support Construction                       | 0       | 0       | 0       | 0       | 491     | 613     | 787     | 1,114   | 1,258   | 1,606   | 1,570   | 1,461   | 1,296   |
| Support Operations                         | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 240     |
| Subtotal Support                           | 0       | 0       | 0       | 0       | 491     | 613     | 787     | 1,114   | 1,258   | 1,606   | 1,570   | 1,461   | 1,536   |
| Total Project                              | 0       | 0       | 0       | 0       | 239     | 201     | -106    | 91      | 139     | 340     | 353     | 447     | 936     |
| BASELINE PROJECTION                        | 180,732 | 185,005 | 192,360 | 197,408 | 203,106 | 208,061 | 210,290 | 212,003 | 216,719 | 223,196 | 223,780 | 229,944 | 232,002 |
| TOTAL POPULATION                           | 180,732 | 185,005 | 192,360 | 197,408 | 203,345 | 208,262 | 210,184 | 212,094 | 216,858 | 223,536 | 224,133 | 230,391 | 232,938 |
| Direct Influx As %<br>Increase Over Basel. | 0       | 0       | 0       | 0       | 0       | 0       | 0       | -1      | -1      | -1      | -1      | 0       | 0       |
| Total Influx As %<br>Increase Over Basel.  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |

Source: Frank Orth & Associates, Inc., 1983.

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE MUNICIPALITY OF FAIRBANKS

|                                            | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0      | 0      | 0      | 0      | 146    | 163    | 131    | 176    | 198    | 245    | 238    | 211    | 169    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | 146    | 163    | 131    | 176    | 198    | 245    | 238    | 211    | 169    |
| Support Construction                       | 0      | 0      | 0      | 0      | 45     | 58     | 79     | 106    | 123    | 166    | 164    | 154    | 136    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 45     | 58     | 79     | 106    | 123    | 166    | 164    | 154    | 136    |
| Total Project                              | 0      | 0      | 0      | 0      | 191    | 221    | 210    | 282    | 321    | 411    | 402    | 365    | 305    |
| BASELINE PROJECTION                        | 25,542 | 27,155 | 28,103 | 29,229 | 30,372 | 31,536 | 32,651 | 33,475 | 34,629 | 36,265 | 37,151 | 38,293 | 39,807 |
| TOTAL POPULATION                           | 25,542 | 27,155 | 28,103 | 29,229 | 30,563 | 31,757 | 32,861 | 33,757 | 34,950 | 36,676 | 37,553 | 38,658 | 40,112 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT  
SOCIOECONOMIC IMPACT STUDY  
IMPACT OF THE PROJECT ON POPULATION  
IN THE RAILBELT REGION

**NOT REPORTED AT THIS TIME**

SUSITNA HYDROELECTRIC PROJECT  
SOCIOECONOMIC IMPACT STUDY  
IMPACT OF THE PROJECT ON POPULATION  
IN THE STATE

USER = SUS PAGE: 11

NOT REPORTED AT THIS TIME

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                         | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                  |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                     | 0     | 0     | 0     | 0     | 25    | 39    | 46    | 64    | 75    | 96    | 96    | 92    | 82    |
| Direct Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Construction                    | 0     | 0     | 0     | 0     | 6     | 6     | 6     | 9     | 13    | 16    | 16    | 12    | 12    |
| Support Operations                      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Project                           | 0     | 0     | 0     | 0     | 31    | 45    | 52    | 73    | 88    | 112   | 112   | 104   | 94    |
| BASELINE PROJECTION                     |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 2,080 | 2,729 | 2,991 | 3,209 | 3,450 | 3,682 | 3,857 | 4,021 | 4,262 | 4,557 | 4,715 | 5,033 | 5,238 |
| TOTAL POPULATION                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 2,080 | 2,729 | 2,991 | 3,209 | 3,481 | 3,727 | 3,909 | 4,094 | 4,350 | 4,669 | 4,827 | 5,137 | 5,332 |
| Direct Influx As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 2     | 2     | 3     | 2     | 2     | 2     |

Source: Frank Orth & Associates, Inc., 1983.

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05/03/84 AT 21:53:29

PAGE: 13  
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SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0      | 0      | 0      | 0      | 57     | 85     | 96     | 127    | 146    | 199    | 195    | 185    | 170    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Support Construction                       | 0      | 0      | 0      | 0      | 19     | 25     | 35     | 50     | 53     | 69     | 65     | 62     | 55     |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 9      |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Project                              | 0      | 0      | 0      | 0      | 76     | 110    | 131    | 177    | 199    | 268    | 260    | 247    | 234    |
| BASELINE PROJECTION                        | 14,426 | 18,928 | 20,748 | 22,263 | 23,929 | 25,540 | 26,751 | 27,889 | 29,566 | 31,613 | 32,708 | 34,910 | 36,336 |
| TOTAL POPULATION                           | 14,426 | 18,928 | 20,748 | 22,263 | 24,005 | 25,650 | 26,882 | 28,066 | 29,765 | 31,881 | 32,968 | 35,157 | 36,570 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

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05/03/84 AT 21:53:34

PAGE: 14  
USER = RLH

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN HEALY

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 50   | 82   | 92   | 120  | 139  | 188  | 185  | 170  | 160  |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 50   | 82   | 92   | 120  | 139  | 188  | 185  | 170  | 160  |
| Support Construction                       | 0    | 0    | 0    | 0    | 6    | 6    | 6    | 6    | 9    | 12   | 12   | 9    | 9    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 6    | 6    | 6    | 6    | 9    | 12   | 12   | 9    | 9    |
| Total Project                              | 0    | 0    | 0    | 0    | 56   | 88   | 98   | 126  | 148  | 200  | 197  | 179  | 169  |
| BASELINE PROJECTION                        | 342  | 351  | 359  | 368  | 378  | 387  | 397  | 407  | 417  | 427  | 438  | 449  | 460  |
| TOTAL POPULATION                           | 342  | 351  | 359  | 368  | 434  | 475  | 495  | 533  | 565  | 627  | 635  | 628  | 629  |
| Direct Influx As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 13   | 21   | 23   | 30   | 33   | 44   | 42   | 38   | 35   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 15   | 23   | 25   | 31   | 36   | 47   | 45   | 40   | 37   |

Source: Frank Orth & Associates, Inc., 1983.



SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF NENANA

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFUX                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 46   | 75   | 85   | 113  | 132  | 178  | 174  | 163  | 153  |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 46   | 75   | 85   | 113  | 132  | 178  | 174  | 163  | 153  |
| Support Construction                       | 0    | 0    | 0    | 0    | 6    | 6    | 6    | 9    | 9    | 14   | 14   | 11   | 11   |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 6    | 6    | 6    | 9    | 9    | 14   | 14   | 11   | 11   |
| Total Project                              | 0    | 0    | 0    | 0    | 52   | 81   | 91   | 122  | 141  | 192  | 188  | 174  | 164  |
| BASELINE PROJECTION                        | 482  | 494  | 506  | 519  | 532  | 545  | 559  | 573  | 587  | 602  | 617  | 632  | 648  |
| TOTAL POPULATION                           | 482  | 494  | 506  | 519  | 584  | 626  | 650  | 695  | 728  | 794  | 805  | 806  | 812  |
| Direct Influx As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 9    | 14   | 15   | 20   | 23   | 30   | 28   | 26   | 24   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 10   | 15   | 16   | 21   | 24   | 32   | 31   | 28   | 25   |

Source: Frank Orth & Associates, Inc., 1983.

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05/03/84 AT 21:53:46

PAGE: 16  
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SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN MCKINLEY PARK

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 89   | 139  | 156  | 210  | 238  | 324  | 317  | 299  | 277  |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 89   | 139  | 156  | 210  | 238  | 324  | 317  | 299  | 277  |
| Support Construction                       | 0    | 0    | 0    | 0    | 6    | 6    | 9    | 12   | 15   | 18   | 18   | 15   | 15   |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 6    | 6    | 9    | 12   | 15   | 18   | 18   | 15   | 15   |
| Total Project                              | 0    | 0    | 0    | 0    | 95   | 145  | 165  | 222  | 253  | 342  | 335  | 314  | 292  |
| BASELINE PROJECTION                        | 33   | 34   | 35   | 36   | 36   | 37   | 38   | 39   | 40   | 41   | 42   | 43   | 44   |
| TOTAL POPULATION                           | 33   | 34   | 35   | 36   | 131  | 182  | 203  | 261  | 293  | 383  | 377  | 357  | 336  |
| Direct Influx As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 247  | 376  | 411  | 539  | 595  | 790  | 755  | 695  | 630  |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 264  | 392  | 434  | 569  | 633  | 834  | 798  | 730  | 664  |

Source: Frank Orth & Associates, Inc., 1983.

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE FAIRBANKS-NORTH STAR BOROUGH

|                                         | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                  |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                     | 0      | 0      | 0      | 0      | 146    | 163    | 131    | 176    | 198    | 245    | 238    | 211    | 169    |
| Direct Operations                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                         | 0      | 0      | 0      | 0      | 146    | 163    | 131    | 176    | 198    | 245    | 238    | 211    | 169    |
| Support Construction                    | 0      | 0      | 0      | 0      | 99     | 124    | 172    | 226    | 254    | 339    | 333    | 311    | 277    |
| Support Operations                      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                        | 0      | 0      | 0      | 0      | 99     | 124    | 172    | 226    | 254    | 339    | 333    | 311    | 277    |
| Total Project                           | 0      | 0      | 0      | 0      | 245    | 287    | 303    | 402    | 452    | 584    | 571    | 522    | 446    |
| BASELINE PROJECTION                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 58,314 | 61,188 | 62,493 | 64,141 | 65,769 | 67,398 | 68,870 | 69,681 | 71,135 | 73,516 | 74,317 | 75,604 | 77,551 |
| TOTAL POPULATION                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 58,314 | 61,188 | 62,493 | 64,141 | 66,014 | 67,685 | 69,173 | 70,083 | 71,587 | 74,100 | 74,888 | 76,126 | 77,997 |
| Direct Influx As % Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As % Increase Over Basel.  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN THE LOCAL IMPACT AREA

|                                            | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0      | 0      | 0      | 0      | 1,428  | 1,881  | 3,084  | 4,046  | 4,510  | 5,510  | 5,264  | 4,435  | 2,881  |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | 1,428  | 1,881  | 3,084  | 4,046  | 4,510  | 5,510  | 5,264  | 4,435  | 2,881  |
| Support Construction                       | 0      | 0      | 0      | 0      | 72     | 97     | 118    | 167    | 188    | 242    | 235    | 212    | 190    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 9      |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 72     | 97     | 118    | 167    | 188    | 242    | 235    | 212    | 199    |
| Total Project                              | 0      | 0      | 0      | 0      | 1,500  | 1,978  | 3,202  | 4,213  | 4,698  | 5,752  | 5,499  | 4,647  | 3,080  |
| BASELINE PROJECTION                        | 24,538 | 29,880 | 32,836 | 35,083 | 37,540 | 39,970 | 41,987 | 43,962 | 46,602 | 49,717 | 51,671 | 54,937 | 57,365 |
| TOTAL POPULATION                           | 24,538 | 29,880 | 32,836 | 35,083 | 39,040 | 41,948 | 45,189 | 48,175 | 51,300 | 55,469 | 57,170 | 59,584 | 60,445 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 4      | 5      | 7      | 9      | 10     | 11     | 10     | 8      | 5      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 4      | 5      | 8      | 10     | 10     | 12     | 11     | 9      | 5      |

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 19  
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SCENARIO 4: AIR TRANSPORTATION  
IMPACT OF THE PROJECT ON POPULATION  
IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                            | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0      | 0      | 0      | 0      | 192    | 290    | 336    | 447    | 517    | 693    | 682    | 644    | 590    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | 192    | 290    | 336    | 447    | 517    | 693    | 682    | 644    | 590    |
| Support Construction                       | 0      | 0      | 0      | 0      | 50     | 71     | 81     | 123    | 142    | 176    | 169    | 156    | 142    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 9      |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 50     | 71     | 81     | 123    | 142    | 176    | 169    | 156    | 151    |
| Total Project                              | 0      | 0      | 0      | 0      | 242    | 361    | 417    | 570    | 659    | 869    | 851    | 800    | 741    |
| BASELINE PROJECTION                        | 22,339 | 27,652 | 30,579 | 32,797 | 35,224 | 37,624 | 39,610 | 41,554 | 44,163 | 47,246 | 49,168 | 52,401 | 54,797 |
| TOTAL POPULATION                           | 22,339 | 27,652 | 30,579 | 32,797 | 35,466 | 37,985 | 40,027 | 42,124 | 44,822 | 48,115 | 50,019 | 53,201 | 55,538 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 2      | 1      | 1      | 1      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 2      | 2      | 2      | 2      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFUX                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 1,555  | 1,165  | 1,553  | 2,120  | 2,539  | 2,632  | 2,454  | 1,782  | 738    | 544    | 544    | 544    |
| Direct Operations                          | 425    | 425    | 425    | 425    | 425    | 425    | 425    | 425    | 498    | 498    | 498    | 498    |
| Subtotal Direct                            | 1,980  | 1,590  | 1,978  | 2,545  | 2,964  | 3,057  | 2,879  | 2,207  | 1,236  | 1,042  | 1,042  | 1,042  |
| Support Construction                       | 133    | 129    | 131    | 136    | 139    | 138    | 137    | 131    | 118    | 115    | 114    | 114    |
| Support Operations                         | 21     | 21     | 21     | 21     | 21     | 21     | 21     | 21     | 26     | 26     | 26     | 26     |
| Subtotal Support                           | 154    | 150    | 152    | 157    | 160    | 159    | 158    | 152    | 144    | 141    | 140    | 140    |
| Total Project                              | 2,134  | 1,740  | 2,130  | 2,702  | 3,124  | 3,216  | 3,037  | 2,359  | 1,380  | 1,183  | 1,182  | 1,182  |
| BASELINE PROJECTION                        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL POPULATION                           | 56,990 | 58,975 | 61,235 | 63,675 | 66,062 | 68,514 | 71,079 | 73,718 | 76,452 | 79,346 | 82,360 | 85,509 |
|                                            | 59,124 | 60,715 | 63,365 | 66,377 | 69,186 | 71,730 | 74,116 | 76,077 | 77,832 | 80,529 | 83,542 | 86,691 |
| Direct Influx As %<br>Increase Over Basel. | 4      | 3      | 3      | 4      | 5      | 5      | 4      | 3      | 2      | 1      | 1      | 1      |
| Total Influx As %<br>Increase Over Basel.  | 4      | 3      | 4      | 4      | 5      | 5      | 4      | 3      | 2      | 2      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN CANTWELL

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 120  | 117  | 120  | 124  | 127  | 127  | 124  | 120  | 117  | 113  | 113  | 113  |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 120  | 117  | 120  | 124  | 127  | 127  | 124  | 120  | 117  | 113  | 113  | 113  |
| Support Construction                       | 13   | 13   | 13   | 13   | 16   | 16   | 16   | 14   | 14   | 14   | 14   | 14   |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 13   | 13   | 13   | 13   | 16   | 16   | 16   | 14   | 14   | 14   | 14   | 14   |
| Total Project                              | 133  | 130  | 133  | 137  | 143  | 143  | 140  | 134  | 131  | 127  | 127  | 127  |
| BASELINE PROJECTION                        | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 276  | 281  | 287  | 293  | 298  |
| TOTAL POPULATION                           | 373  | 375  | 383  | 392  | 403  | 408  | 410  | 410  | 412  | 414  | 420  | 425  |
| Direct Influx As %<br>Increase Over Basel. | 50   | 48   | 48   | 49   | 49   | 48   | 46   | 44   | 42   | 39   | 39   | 38   |
| Total Influx As %<br>Increase Over Basel.  | 55   | 53   | 53   | 54   | 55   | 54   | 52   | 49   | 47   | 44   | 43   | 43   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN TRAPPER CREEK

|                                         | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                  |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 79   | 75   | 78   | 78   | 82   | 82   | 82   | 78   | 75   | 75   | 75   | 75   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 78   | 75   | 78   | 78   | 82   | 82   | 82   | 78   | 75   | 75   | 75   | 75   |
| Support Construction                    | 36   | 33   | 36   | 36   | 35   | 35   | 35   | 35   | 32   | 29   | 29   | 28   |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 36   | 33   | 36   | 36   | 35   | 35   | 35   | 35   | 32   | 29   | 29   | 28   |
| Total Project                           | 114  | 108  | 114  | 114  | 117  | 117  | 117  | 113  | 107  | 104  | 104  | 103  |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 349  | 363  | 378  | 393  | 409  | 425  | 442  | 460  | 478  | 497  | 517  | 538  |
| TOTAL POPULATION                        |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 463  | 471  | 492  | 507  | 526  | 542  | 559  | 573  | 585  | 601  | 621  | 641  |
| Direct Influx As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 22   | 21   | 21   | 20   | 20   | 19   | 19   | 17   | 16   | 15   | 15   | 14   |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 33   | 30   | 30   | 29   | 29   | 28   | 27   | 25   | 22   | 21   | 20   | 19   |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON POPULATION  
IN TALKEETNA

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005  |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|
| PROJECT-RELATED INFLUX                     |      |      |      |      |      |      |      |      |      |      |      |       |
| Direct Construction                        | 75   | 75   | 75   | 78   | 78   | 78   | 78   | 75   | 71   | 71   | 71   | 71    |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Subtotal Direct                            | 75   | 75   | 75   | 78   | 78   | 78   | 78   | 75   | 71   | 71   | 71   | 71    |
| Support Construction                       | 15   | 12   | 13   | 15   | 15   | 15   | 15   | 15   | 12   | 11   | 11   | 11    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Subtotal Support                           | 15   | 12   | 15   | 15   | 15   | 15   | 15   | 15   | 12   | 11   | 11   | 11    |
| Total Project                              | 90   | 87   | 90   | 93   | 93   | 93   | 93   | 90   | 83   | 82   | 82   | 82    |
| BASELINE PROJECTION                        |      |      |      |      |      |      |      |      |      |      |      |       |
| TOTAL POPULATION                           | 646  | 671  | 703  | 736  | 769  | 802  | 838  | 872  | 904  | 944  | 987  | 1,033 |
| Direct Influx As %<br>Increase Over Basel. | 14   | 13   | 12   | 12   | 12   | 11   | 11   | 10   | 9    | 8    | 8    | 8     |
| Total Influx As %<br>Increase Over Basel.  | 16   | 15   | 15   | 15   | 14   | 13   | 13   | 12   | 10   | 10   | 9    | 9     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF PALMER

|                                         | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                     | 54    | 54    | 54    | 57    | 57    | 57    | 57    | 54    | 53    | 53    | 53    | 53    |
| Direct Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                         | 54    | 54    | 54    | 57    | 57    | 57    | 57    | 54    | 53    | 53    | 53    | 53    |
| Support Construction                    | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     | 9     |
| Support Operations                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     |
| Subtotal Support                        | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    |
| Total Project                           | 66    | 66    | 66    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 65    | 65    |
| BASELINE PROJECTION                     |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL POPULATION                        | 4,883 | 5,054 | 5,230 | 5,414 | 5,603 | 5,799 | 6,002 | 6,212 | 6,430 | 6,655 | 6,888 | 7,129 |
| Direct Influx As % Increase Over Basel. | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Influx As % Increase Over Basel.  | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF WASILLA

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFUX                      |       |       |       |       |       |       |        |        |        |        |        |        |
| Direct Construction                        | 61    | 61    | 61    | 64    | 64    | 64    | 64     | 61     | 61     | 57     | 57     | 57     |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 61    | 61    | 61    | 64    | 64    | 64    | 64     | 61     | 61     | 57     | 57     | 57     |
| Support Construction                       | 9     | 9     | 9     | 9     | 9     | 9     | 9      | 9      | 9      | 9      | 9      | 9      |
| Support Operations                         | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3      | 3      | 3      | 3      | 3      |
| Subtotal Support                           | 12    | 12    | 12    | 12    | 12    | 12    | 12     | 12     | 12     | 12     | 12     | 12     |
| Total Project                              | 73    | 73    | 73    | 76    | 76    | 76    | 76     | 73     | 73     | 69     | 69     | 69     |
| BASLINE PROJECTION                         | 6,523 | 7,012 | 7,538 | 8,103 | 8,711 | 9,364 | 10,067 | 10,822 | 11,633 | 12,506 | 13,444 | 14,452 |
| TOTAL POPULATION                           | 6,596 | 7,085 | 7,611 | 8,179 | 8,787 | 9,440 | 10,143 | 10,895 | 11,706 | 12,575 | 13,513 | 14,521 |
| Direct Influx As %<br>Increase Over Basel. | 1     | 1     | 1     | 1     | 1     | 1     | 1      | 1      | 1      | 1      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1     | 1     | 1     | 1     | 1     | 1     | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF HOUSTON

|                                              | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                          | 57    | 57    | 57    | 61    | 61    | 61    | 61    | 57    | 57    | 57    | 57    | 57    |
| Direct Operations                            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                              | 57    | 57    | 57    | 61    | 61    | 61    | 61    | 57    | 57    | 57    | 57    | 57    |
| Support Construction                         | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     |
| Support Operations                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                             | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     |
| Total Project                                | 63    | 63    | 63    | 67    | 67    | 67    | 67    | 63    | 63    | 63    | 63    | 63    |
| BASLINE PROJECTION                           | 1,729 | 1,902 | 2,092 | 2,301 | 2,531 | 2,785 | 3,063 | 3,369 | 3,706 | 4,077 | 4,485 | 4,933 |
| TOTAL POPULATION                             | 1,792 | 1,965 | 2,155 | 2,368 | 2,598 | 2,852 | 3,130 | 3,432 | 3,769 | 4,140 | 4,548 | 4,996 |
| Direct Influx As %<br>Increase Over Baseline | 3     | 3     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Baseline  | 4     | 3     | 3     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE MUNICIPALITY OF ANCHORAGE

|                                         | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|-----------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED INFLUX                  |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Construction                     | -374    | -228    | -378    | -542    | -650    | -670    | -637    | -436    | -67     | 4       | 4       | 4       |
| Direct Operations                       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Subtotal Direct                         | -374    | -228    | -378    | -542    | -650    | -670    | -637    | -436    | -67     | 4       | 4       | 4       |
| Support Construction                    | 1,234   | 1,193   | 1,233   | 1,302   | 1,356   | 1,368   | 1,341   | 1,251   | 1,155   | 1,136   | 1,137   | 1,138   |
| Support Operations                      | 500     | 500     | 501     | 538     | 538     | 538     | 539     | 539     | 633     | 633     | 634     | 634     |
| Subtotal Support                        | 1,734   | 1,693   | 1,734   | 1,840   | 1,894   | 1,906   | 1,880   | 1,790   | 1,788   | 1,769   | 1,771   | 1,772   |
| Total Project                           | 1,360   | 1,465   | 1,356   | 1,298   | 1,244   | 1,236   | 1,243   | 1,354   | 1,721   | 1,773   | 1,775   | 1,776   |
| BASELINE PROJECTION                     |         |         |         |         |         |         |         |         |         |         |         |         |
|                                         | 232,952 | 232,679 | 233,735 | 235,060 | 235,981 | 236,936 | 238,077 | 239,256 | 240,532 | 242,083 | 243,768 | 245,605 |
| TOTAL POPULATION                        |         |         |         |         |         |         |         |         |         |         |         |         |
|                                         | 234,312 | 234,344 | 235,089 | 236,358 | 237,225 | 238,172 | 239,320 | 240,610 | 242,253 | 243,856 | 245,543 | 247,381 |
| Direct Influx As % Increase Over Basel. |         |         |         |         |         |         |         |         |         |         |         |         |
|                                         | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Total Influx As % Increase Over Basel.  |         |         |         |         |         |         |         |         |         |         |         |         |
|                                         | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE MUNICIPALITY OF FAIRBANKS

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFUX                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 151    | 140    | 150    | 165    | 180    | 180    | 176    | 147    | 129    | 122    | 122    | 122    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 151    | 140    | 150    | 165    | 180    | 180    | 176    | 147    | 129    | 122    | 122    | 122    |
| Support Construction                       | 131    | 128    | 132    | 138    | 147    | 150    | 151    | 137    | 126    | 121    | 122    | 122    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 131    | 128    | 132    | 138    | 147    | 150    | 151    | 137    | 126    | 121    | 122    | 122    |
| Total Project                              | 282    | 268    | 282    | 303    | 327    | 330    | 327    | 284    | 255    | 243    | 244    | 244    |
| BASELINE PROJECTION                        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL POPULATION                           | 41,360 | 42,177 | 43,198 | 44,320 | 45,390 | 46,483 | 47,682 | 48,948 | 50,244 | 51,571 | 52,984 | 54,470 |
|                                            | 41,642 | 42,445 | 43,480 | 44,623 | 45,717 | 46,813 | 48,009 | 49,232 | 50,499 | 51,814 | 53,228 | 54,714 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE RAILBELT REGION

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IMPACT OF THE PROJECT ON POPULATION  
IN THE STATE

USER = SUS

PAGE: 30

NOT REPORTED AT THIS TIME



IMPACT OF THE PROJECT ON POPULATION  
IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                         | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED INFLUX                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                     | 78    | 78    | 78    | 82    | 85    | 89    | 85    | 78    | 78    | 75    | 75    | 75    |
| Direct Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Construction                    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 9     | 9     | 9     | 9     |
| Support Operations                      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 3     | 3     | 3     | 3     |
| Subtotal Support                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Project                           | 90    | 90    | 90    | 94    | 97    | 101   | 97    | 90    | 90    | 87    | 87    | 87    |
| BASELINE PROJECTION                     |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 5,412 | 5,552 | 5,718 | 5,899 | 6,065 | 6,228 | 6,396 | 6,561 | 6,726 | 6,898 | 7,071 | 7,246 |
| TOTAL POPULATION                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 5,502 | 5,642 | 5,808 | 5,993 | 6,162 | 6,329 | 6,493 | 6,651 | 6,816 | 6,985 | 7,158 | 7,333 |
| Direct Influx As % Increase Over Basol. |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As % Increase Over Basol.  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 1     | 1     | 1     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 167    | 160    | 167    | 170    | 174    | 174    | 174    | 167    | 156    | 156    | 156    | 156    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Support Construction                       | 49     | 48     | 48     | 54     | 56     | 56     | 53     | 50     | 46     | 46     | 46     | 46     |
| Support Operations                         | 15     | 15     | 15     | 15     | 15     | 15     | 15     | 15     | 17     | 17     | 17     | 17     |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Project                              | 231    | 223    | 230    | 239    | 245    | 245    | 242    | 232    | 219    | 219    | 219    | 219    |
| BASELINE PROJECTION                        | 37,538 | 38,508 | 39,666 | 40,922 | 42,067 | 43,204 | 44,364 | 45,512 | 46,658 | 47,851 | 49,050 | 50,260 |
| TOTAL POPULATION                           | 37,769 | 38,731 | 39,896 | 41,161 | 42,312 | 43,449 | 44,606 | 45,744 | 46,877 | 48,070 | 49,269 | 50,479 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN HEALY

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 153  | 149  | 153  | 160  | 163  | 163  | 163  | 153  | 146  | 146  | 146  | 146  |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 153  | 149  | 153  | 160  | 163  | 163  | 163  | 153  | 146  | 146  | 146  | 146  |
| Support Construction                       | 9    | 9    | 9    | 9    | 9    | 12   | 9    | 9    | 9    | 9    | 9    | 9    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 9    | 9    | 9    | 9    | 9    | 12   | 9    | 9    | 9    | 9    | 9    | 9    |
| Total Project                              | 162  | 158  | 162  | 169  | 172  | 175  | 172  | 162  | 155  | 155  | 155  | 155  |
| BASELINE PROJECTION                        | 471  | 483  | 495  | 508  | 520  | 533  | 547  | 560  | 574  | 589  | 603  | 619  |
| TOTAL POPULATION                           | 633  | 641  | 657  | 677  | 692  | 708  | 719  | 722  | 729  | 744  | 758  | 774  |
| Direct Influx As %<br>Increase Over Basel. | 33   | 31   | 31   | 32   | 31   | 31   | 30   | 27   | 25   | 25   | 24   | 24   |
| Total Influx As %<br>Increase Over Basel.  | 34   | 33   | 33   | 33   | 33   | 33   | 31   | 29   | 27   | 26   | 26   | 25   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE CITY OF NENANA

|                                         | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005  |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|
| PROJECT-RELATED INFLUX                  |      |      |      |      |      |      |      |      |      |      |      |       |
| Direct Construction                     | 142  | 142  | 142  | 149  | 153  | 156  | 153  | 142  | 139  | 139  | 139  | 139   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Subtotal Direct                         | 142  | 142  | 142  | 149  | 153  | 156  | 153  | 142  | 139  | 139  | 139  | 139   |
| Support Construction                    | 11   | 9    | 11   | 11   | 11   | 11   | 11   | 11   | 9    | 9    | 9    | 9     |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     |
| Subtotal Support                        | 11   | 9    | 11   | 11   | 11   | 11   | 11   | 11   | 9    | 9    | 9    | 9     |
| Total Project                           | 153  | 151  | 153  | 160  | 164  | 167  | 164  | 153  | 148  | 148  | 148  | 148   |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |       |
| TOTAL POPULATION                        | 817  | 832  | 851  | 876  | 897  | 919  | 935  | 943  | 958  | 978  | 999  | 1,020 |
| Direct Influx As % Increase Over Basal. |      |      |      |      |      |      |      |      |      |      |      |       |
|                                         | 21   | 21   | 20   | 21   | 21   | 21   | 20   | 18   | 17   | 17   | 16   | 16    |
| Total Influx As % Increase Over Basal.  |      |      |      |      |      |      |      |      |      |      |      |       |
|                                         | 23   | 22   | 22   | 22   | 22   | 22   | 21   | 19   | 18   | 18   | 17   | 17    |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN MCKINLEY PARK

|                                         | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED INFLUX                  |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 266  | 259  | 266  | 277  | 280  | 284  | 280  | 266  | 256  | 249  | 249  | 249  |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 266  | 259  | 266  | 277  | 280  | 284  | 280  | 266  | 256  | 249  | 249  | 249  |
| Support Construction                    | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 14   |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 14   |
| Total Project                           | 281  | 274  | 281  | 292  | 295  | 299  | 295  | 280  | 270  | 263  | 263  | 263  |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 45   | 47   | 48   | 49   | 50   | 51   | 53   | 54   | 55   | 57   | 58   | 60   |
| TOTAL POPULATION                        |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 326  | 321  | 329  | 341  | 345  | 350  | 348  | 334  | 325  | 320  | 321  | 323  |
| Direct Influx As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 591  | 551  | 554  | 565  | 560  | 557  | 528  | 493  | 466  | 437  | 429  | 415  |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 624  | 583  | 585  | 595  | 590  | 586  | 557  | 519  | 491  | 461  | 453  | 438  |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE FAIRBANKS-NORTH STAR BOROUGH

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 151    | 140    | 150    | 165    | 180    | 180    | 176    | 147    | 129    | 122    | 122    | 122    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 151    | 140    | 150    | 165    | 180    | 180    | 176    | 147    | 129    | 122    | 122    | 122    |
| Support Construction                       | 260    | 252    | 261    | 275    | 286    | 289    | 287    | 267    | 244    | 241    | 242    | 242    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 260    | 252    | 261    | 275    | 286    | 289    | 287    | 267    | 244    | 241    | 242    | 242    |
| Total Project                              | 411    | 392    | 411    | 440    | 466    | 469    | 463    | 414    | 373    | 363    | 364    | 364    |
| BASELINE PROJECTION                        | 79,523 | 80,033 | 80,895 | 81,907 | 82,784 | 83,663 | 84,693 | 85,798 | 86,913 | 88,050 | 89,273 | 90,572 |
| TOTAL POPULATION                           | 79,934 | 80,425 | 81,306 | 82,347 | 83,250 | 84,132 | 85,156 | 86,212 | 87,286 | 88,413 | 89,637 | 90,936 |
| Direct Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN THE LOCAL IMPACT AREA

|                                         | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|-----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFUX                   |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                     | 2,236  | 1,832  | 2,234  | 2,830  | 3,262  | 3,362  | 3,174  | 2,463  | 1,396  | 1,191  | 1,191  | 1,191  |
| Direct Operations                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                         | 2,236  | 1,832  | 2,234  | 2,830  | 3,262  | 3,362  | 3,174  | 2,463  | 1,396  | 1,191  | 1,191  | 1,191  |
| Support Construction                    | 184    | 177    | 181    | 186    | 195    | 194    | 192    | 180    | 164    | 161    | 160    | 160    |
| Support Operations                      | 21     | 21     | 21     | 21     | 21     | 21     | 21     | 21     | 26     | 26     | 26     | 26     |
| Subtotal Support                        | 205    | 198    | 202    | 207    | 216    | 215    | 213    | 201    | 190    | 187    | 186    | 186    |
| Total Project                           | 2,441  | 2,030  | 2,436  | 3,037  | 3,478  | 3,577  | 3,387  | 2,664  | 1,586  | 1,378  | 1,377  | 1,377  |
| BASELINE PROJECTION                     |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL POPULATION                        | 62,033 | 63,641 | 66,341 | 69,417 | 72,280 | 74,867 | 77,278 | 79,231 | 80,924 | 83,647 | 86,699 | 89,887 |
| Direct Influx As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 4      | 3      | 4      | 4      | 5      | 5      | 4      | 3      | 2      | 1      | 1      | 1      |
| Total Influx As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 4      | 3      | 4      | 5      | 5      | 5      | 5      | 4      | 2      | 2      | 2      | 2      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON POPULATION  
IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED INFLUX                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 570    | 560    | 570    | 590    | 601    | 605    | 601    | 570    | 551    | 544    | 544    | 544    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 570    | 560    | 570    | 590    | 601    | 605    | 601    | 570    | 551    | 544    | 544    | 544    |
| Support Construction                       | 136    | 129    | 135    | 141    | 142    | 142    | 139    | 136    | 123    | 119    | 119    | 118    |
| Support Operations                         | 21     | 21     | 21     | 21     | 21     | 21     | 21     | 21     | 26     | 26     | 26     | 26     |
| Subtotal Support                           | 157    | 150    | 156    | 162    | 163    | 163    | 160    | 157    | 149    | 145    | 145    | 144    |
| Total Project                              | 727    | 710    | 726    | 752    | 764    | 768    | 761    | 727    | 700    | 689    | 689    | 688    |
| BASELINE PROJECTION                        | 56,990 | 58,975 | 61,235 | 63,675 | 66,062 | 68,514 | 71,079 | 73,718 | 76,452 | 79,346 | 82,360 | 85,509 |
| TOTAL POPULATION                           | 57,717 | 59,685 | 61,961 | 64,427 | 66,826 | 69,282 | 71,840 | 74,445 | 77,152 | 80,035 | 83,049 | 86,197 |
| Direct Influx As %<br>Increase Over Basel. | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON EMPLOYMENT BY PLACE OF WORK  
IN THE LOCAL IMPACT AREA

|                                          | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                   |       |       |       |       |       |       |       |        |        |        |        |        |        |
| Direct Construction                      | 0     | 0     | 0     | 0     | 1,099 | 1,358 | 1,900 | 2,500  | 2,806  | 3,507  | 3,253  | 2,503  | 1,300  |
| Direct Operations                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 70     |
| Subtotal Direct                          | 0     | 0     | 0     | 0     | 1,099 | 1,358 | 1,900 | 2,500  | 2,806  | 3,507  | 3,253  | 2,503  | 1,370  |
| Support Construction                     | 0     | 0     | 0     | 0     | 105   | 152   | 467   | 589    | 628    | 723    | 687    | 593    | 346    |
| Support Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 3      |
| Subtotal Support                         | 0     | 0     | 0     | 0     | 105   | 152   | 467   | 589    | 628    | 723    | 687    | 593    | 349    |
| Total Project                            | 0     | 0     | 0     | 0     | 1,204 | 1,510 | 2,367 | 3,089  | 3,434  | 4,230  | 3,940  | 3,096  | 1,719  |
| BASELINE PROJECTION                      |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 4,852 | 5,519 | 6,291 | 6,543 | 6,951 | 7,314 | 7,556 | 7,788  | 8,143  | 8,582  | 8,754  | 9,290  | 9,584  |
| TOTAL EMPLOYMENT                         |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 4,852 | 5,519 | 6,291 | 6,543 | 8,155 | 8,824 | 9,923 | 10,877 | 11,577 | 12,812 | 12,694 | 12,386 | 11,303 |
| Direct Influx As % Increase Over Basel.  |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 0     | 0     | 0     | 0     | 16    | 19    | 25    | 32     | 35     | 41     | 37     | 27     | 14     |
| Support Influx As % Increase Over Basel. |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 0     | 0     | 0     | 0     | 2     | 2     | 6     | 8      | 8      | 8      | 8      | 6      | 4      |
| Total Impact As % Increase Over Basel.   |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 0     | 0     | 0     | 0     | 17    | 21    | 31    | 40     | 42     | 49     | 45     | 33     | 18     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                             | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED IMPACT                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                         | 0     | 0     | 0     | 0     | 112   | 160   | 203   | 268   | 305   | 397   | 362   | 271   | 139   |
| Direct Operations                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                             | 0     | 0     | 0     | 0     | 112   | 160   | 203   | 268   | 305   | 397   | 362   | 271   | 139   |
| Support Construction                        | 0     | 0     | 0     | 0     | 90    | 128   | 162   | 241   | 275   | 357   | 326   | 244   | 125   |
| Support Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 3     |
| Subtotal Support                            | 0     | 0     | 0     | 0     | 90    | 128   | 162   | 241   | 275   | 357   | 326   | 244   | 128   |
| Total Project                               | 0     | 0     | 0     | 0     | 202   | 288   | 365   | 509   | 580   | 754   | 688   | 515   | 267   |
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE PROJECTION                         | 4,291 | 4,942 | 5,698 | 5,932 | 6,322 | 6,667 | 6,891 | 7,103 | 7,438 | 7,857 | 8,008 | 8,522 | 8,794 |
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL EMPLOYMENT                            | 4,291 | 4,942 | 5,698 | 5,932 | 6,524 | 6,955 | 7,256 | 7,612 | 8,018 | 8,611 | 8,696 | 9,037 | 9,061 |
| =====                                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 2     | 2     | 3     | 4     | 4     | 5     | 5     | 3     | 2     |
| Support Influx As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 1     | 2     | 2     | 3     | 4     | 5     | 4     | 3     | 2     |
| Total Impact As %<br>Increase Over Basel.   | 0     | 0     | 0     | 0     | 3     | 4     | 5     | 7     | 8     | 10    | 9     | 6     | 3     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

|                                          | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                   |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                      | 0    | 0    | 0    | 0    | 77   | 120  | 124  | 166  | 191  | 255  | 232  | 168  | 87   |
| Direct Operations                        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                          | 0    | 0    | 0    | 0    | 77   | 120  | 124  | 166  | 191  | 255  | 232  | 168  | 87   |
| Support Construction                     | 0    | 0    | 0    | 0    | 15   | 24   | 25   | 33   | 38   | 51   | 46   | 34   | 17   |
| Support Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                         | 0    | 0    | 0    | 0    | 15   | 24   | 25   | 33   | 38   | 51   | 46   | 34   | 17   |
| Total Project                            | 0    | 0    | 0    | 0    | 92   | 144  | 149  | 199  | 229  | 306  | 278  | 202  | 104  |
| BASELINE PROJECTION                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL EMPLOYMENT                         | 561  | 577  | 593  | 611  | 629  | 647  | 665  | 685  | 705  | 725  | 746  | 768  | 790  |
| Direct Influx As % Increase Over Basel.  | 0    | 0    | 0    | 0    | 12   | 19   | 19   | 24   | 27   | 35   | 31   | 22   | 11   |
| Support Influx As % Increase Over Basel. | 0    | 0    | 0    | 0    | 2    | 4    | 4    | 5    | 5    | 7    | 6    | 4    | 2    |
| Total Impact As % Increase Over Basel.   | 0    | 0    | 0    | 0    | 15   | 22   | 22   | 29   | 33   | 42   | 37   | 26   | 13   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE MUNICIPALITY OF ANCHORAGE

|                                             | 1981    | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|---------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED IMPACT                      |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Construction                         | 0       | 0       | 0       | 0       | 383     | 465     | 541     | 765     | 870     | 1,134   | 1,038   | 772     | 374     |
| Direct Operations                           | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Subtotal Direct                             | 0       | 0       | 0       | 0       | 383     | 465     | 541     | 765     | 870     | 1,134   | 1,038   | 772     | 374     |
| Support Construction                        | 0       | 0       | 0       | 0       | 460     | 558     | 649     | 995     | 1,131   | 1,474   | 1,349   | 1,004   | 486     |
| Support Operations                          | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 85      |
| Subtotal Support                            | 0       | 0       | 0       | 0       | 460     | 558     | 649     | 995     | 1,131   | 1,474   | 1,349   | 1,004   | 571     |
| Total Project                               | 0       | 0       | 0       | 0       | 843     | 1,023   | 1,190   | 1,760   | 2,001   | 2,608   | 2,387   | 1,776   | 945     |
| BASELINE PROJECTION                         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| TOTAL EMPLOYMENT                            | 101,518 | 104,574 | 108,291 | 110,452 | 115,249 | 119,028 | 120,528 | 121,764 | 124,994 | 129,493 | 129,468 | 135,193 | 136,922 |
|                                             | =====   | =====   | =====   | =====   | =====   | =====   | =====   | =====   | =====   | =====   | =====   | =====   | =====   |
| Direct Influx As %<br>Increase Over Basel.  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 1       | 1       | 1       | 1       | 1       | 0       |
| Support Influx As %<br>Increase Over Basel. | 0       | 0       | 0       | 0       | 0       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 0       |
| Total Impact As %<br>Increase Over Basel.   | 0       | 0       | 0       | 0       | 1       | 1       | 1       | 1       | 2       | 2       | 2       | 1       | 1       |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE FAIRBANKS-NORTH STAR BOROUGH

|                                             | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED IMPACT                      | <hr/>  |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                         | 0      | 0      | 0      | 0      | 244    | 309    | 403    | 534    | 598    | 747    | 696    | 534    | 277    |
| Direct Operations                           | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                             | 0      | 0      | 0      | 0      | 244    | 309    | 403    | 534    | 598    | 747    | 696    | 534    | 277    |
| Support Construction                        | 0      | 0      | 0      | 0      | 122    | 155    | 202    | 267    | 299    | 448    | 418    | 320    | 166    |
| Support Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                            | 0      | 0      | 0      | 0      | 122    | 155    | 202    | 267    | 299    | 448    | 418    | 320    | 166    |
| Total Project                               | 0      | 0      | 0      | 0      | 366    | 464    | 605    | 801    | 897    | 1,195  | 1,114  | 854    | 443    |
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE PROJECTION                         | 30,887 | 31,979 | 32,387 | 32,844 | 33,915 | 34,837 | 35,384 | 35,661 | 36,359 | 37,418 | 37,613 | 38,574 | 39,608 |
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL EMPLOYMENT                            | 30,887 | 31,979 | 32,387 | 32,844 | 34,281 | 35,301 | 35,989 | 36,462 | 37,256 | 38,613 | 38,727 | 39,428 | 40,051 |
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 2      | 2      | 2      | 2      | 1      | 1      |
| Support Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| Total Impact As %<br>Increase Over Basel.   | 0      | 0      | 0      | 0      | 1      | 1      | 2      | 2      | 3      | 3      | 3      | 2      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE SOUTHEAST FAIRBANKS CENSUS DIVISION

|                                          | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                      | 0     | 0     | 0     | 0     | 2     | 2     | 3     | 4     | 5     | 6     | 6     | 4     | 2     |
| Direct Operations                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                          | 0     | 0     | 0     | 0     | 2     | 2     | 3     | 4     | 5     | 6     | 6     | 4     | 2     |
| Support Construction                     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 0     |
| Support Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                         | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 0     |
| Total Project                            | 0     | 0     | 0     | 0     | 2     | 2     | 4     | 5     | 6     | 7     | 7     | 5     | 2     |
| BASELINE PROJECTION                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 1,469 | 1,521 | 1,540 | 1,562 | 1,613 | 1,657 | 1,683 | 1,696 | 1,729 | 1,780 | 1,789 | 1,835 | 1,884 |
| TOTAL EMPLOYMENT                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 1,469 | 1,521 | 1,540 | 1,562 | 1,615 | 1,659 | 1,687 | 1,701 | 1,735 | 1,787 | 1,796 | 1,940 | 1,886 |
| Direct Influx As % Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Influx As % Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Impact As % Increase Over Basel.   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE KENAI-COOK INLET CENSUS DIVISION

|                                               | 1981  | 1982  | 1983  | 1984  | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED IMPACT                        |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Direct Construction                           | 0     | 0     | 0     | 0     | 76     | 92     | 106    | 151    | 172    | 224    | 204    | 153    | 74     |
| Direct Operations                             | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                               | 0     | 0     | 0     | 0     | 76     | 92     | 106    | 151    | 172    | 224    | 204    | 153    | 74     |
| -----                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Support Construction                          | 0     | 0     | 0     | 0     | 30     | 37     | 42     | 60     | 69     | 112    | 102    | 77     | 37     |
| Support Operations                            | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                              | 0     | 0     | 0     | 0     | 30     | 37     | 42     | 60     | 69     | 112    | 102    | 77     | 37     |
| -----                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Total Project                                 | 0     | 0     | 0     | 0     | 106    | 129    | 148    | 211    | 241    | 336    | 306    | 230    | 111    |
| -----                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| BASELINE PROJECTION                           | 9,049 | 9,209 | 9,254 | 9,551 | 10,092 | 10,554 | 10,821 | 11,067 | 11,500 | 12,059 | 12,202 | 12,894 | 13,215 |
| -----                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| TOTAL EMPLOYMENT                              | 9,049 | 9,209 | 9,254 | 9,551 | 10,198 | 10,683 | 10,969 | 11,278 | 11,741 | 12,395 | 12,508 | 13,124 | 13,326 |
| =====                                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Direct Influx As %<br>Increase Over Baseline  | 0     | 0     | 0     | 0     | 1      | 1      | 1      | 1      | 2      | 2      | 2      | 1      | 1      |
| Support Influx As %<br>Increase Over Baseline | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      |
| Total Impact As %<br>Increase Over Baseline   | 0     | 0     | 0     | 0     | 1      | 1      | 1      | 2      | 2      | 3      | 3      | 2      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE SEWARD CENSUS DIVISION

|                                          | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                      | 0     | 0     | 0     | 0     | 2     | 1     | 1     | 2     | 3     | 4     | 4     | 2     | 1     |
| Direct Operations                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                          | 0     | 0     | 0     | 0     | 2     | 1     | 1     | 2     | 3     | 4     | 4     | 2     | 1     |
| Support Construction                     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 2     | 2     | 1     | 0     |
| Support Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                         | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 2     | 2     | 1     | 0     |
| Total Project                            | 0     | 0     | 0     | 0     | 3     | 1     | 1     | 3     | 4     | 6     | 6     | 3     | 1     |
| BASELINE PROJECTION                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 1,749 | 1,808 | 1,878 | 1,918 | 2,005 | 2,075 | 2,105 | 2,131 | 2,192 | 2,275 | 2,279 | 2,385 | 2,420 |
| TOTAL EMPLOYMENT                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 1,749 | 1,808 | 1,878 | 1,918 | 2,008 | 2,076 | 2,106 | 2,134 | 2,196 | 2,281 | 2,285 | 2,388 | 2,421 |
| Direct Influx As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Influx As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Impact As % Increase Over Basel.   |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

|                                               | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED IMPACT                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                           | 0     | 0     | 0     | 0     | 21    | 29    | 37    | 48    | 54    | 67    | 62    | 48    | 25    |
| Direct Operations                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                               | 0     | 0     | 0     | 0     | 21    | 29    | 37    | 48    | 54    | 67    | 62    | 48    | 25    |
| Support Construction                          | 0     | 0     | 0     | 0     | 6     | 9     | 11    | 14    | 16    | 20    | 19    | 14    | 8     |
| Support Operations                            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                              | 0     | 0     | 0     | 0     | 6     | 9     | 11    | 14    | 16    | 20    | 19    | 14    | 8     |
| Total Project                                 | 0     | 0     | 0     | 0     | 27    | 38    | 48    | 62    | 70    | 87    | 81    | 62    | 33    |
| -----                                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASILINE PROJECTION                           | 2,869 | 3,148 | 4,168 | 4,313 | 4,492 | 4,249 | 4,512 | 4,643 | 4,667 | 4,644 | 4,678 | 4,741 | 4,814 |
| -----                                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL EMPLOYMENT                              | 2,869 | 3,148 | 4,168 | 4,313 | 4,519 | 4,287 | 4,560 | 4,705 | 4,737 | 4,731 | 4,759 | 4,803 | 4,847 |
| =====                                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Influx As %<br>Increase Over Baseline  | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Support Influx As %<br>Increase Over Baseline | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Impact As %<br>Increase Over Baseline   | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE LOCAL IMPACT AREA

|                                          | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                   |       |       |       |       |       |       |       |        |        |        |        |        |        |
| Direct Construction                      | 0     | 0     | 0     | 0     | 1,099 | 1,358 | 1,900 | 2,500  | 2,806  | 3,507  | 3,253  | 2,503  | 1,300  |
| Direct Operations                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 70     |
| Subtotal Direct                          | 0     | 0     | 0     | 0     | 1,099 | 1,358 | 1,900 | 2,500  | 2,806  | 3,507  | 3,253  | 2,503  | 1,370  |
| Support Construction                     | 0     | 0     | 0     | 0     | 105   | 152   | 467   | 589    | 628    | 723    | 687    | 593    | 346    |
| Support Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 3      |
| Subtotal Support                         | 0     | 0     | 0     | 0     | 105   | 152   | 467   | 589    | 628    | 723    | 687    | 593    | 349    |
| Total Project                            | 0     | 0     | 0     | 0     | 1,204 | 1,510 | 2,367 | 3,089  | 3,434  | 4,230  | 3,940  | 3,096  | 1,719  |
| BASELINE PROJECTION                      |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 4,852 | 5,519 | 6,291 | 6,543 | 6,951 | 7,314 | 7,556 | 7,788  | 8,143  | 8,582  | 8,754  | 9,290  | 9,584  |
| TOTAL EMPLOYMENT                         |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 4,852 | 5,519 | 6,291 | 6,543 | 8,155 | 8,824 | 9,923 | 10,877 | 11,577 | 12,812 | 12,694 | 12,386 | 11,303 |
| Direct Influx As % Increase Over Basel.  |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 0     | 0     | 0     | 0     | 16    | 19    | 25    | 32     | 35     | 41     | 37     | 27     | 14     |
| Support Influx As % Increase Over Basel. |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 0     | 0     | 0     | 0     | 2     | 2     | 6     | 8      | 8      | 8      | 8      | 6      | 4      |
| Total Impact As % Increase Over Basel.   |       |       |       |       |       |       |       |        |        |        |        |        |        |
|                                          | 0     | 0     | 0     | 0     | 17    | 21    | 31    | 40     | 42     | 49     | 45     | 33     | 18     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE RAILBELT REGION

NOT REPORTED AT THIS TIME

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE STATE OF ALASKA

| 1982                      | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|
| NOT REPORTED AT THIS TIME |      |      |      |      |      |      |      |      |      |      |      |

NOT REPORTED AT THIS TIME

IMPACT OF THE PROJECT ON EMPLOYMENT BY PLACE OF WORK  
IN THE LOCAL IMPACT AREA

|                                             | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED IMPACT                      | <hr/>  |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                         | 804    | 494    | 798    | 1,246  | 1,601  | 1,693  | 1,500  | 889    | 152    | 0      | 0      | 0      |
| Direct Operations                           | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 170    | 170    | 170    | 170    |
| Subtotal Direct                             | 949    | 639    | 943    | 1,391  | 1,746  | 1,838  | 1,645  | 1,034  | 322    | 170    | 170    | 170    |
| Support Construction                        | 217    | 133    | 219    | 324    | 364    | 387    | 360    | 279    | 41     | 0      | 0      | 0      |
| Support Operations                          | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 9      | 9      | 9      | 9      |
| Subtotal Support                            | 224    | 140    | 226    | 331    | 371    | 394    | 367    | 286    | 50     | 9      | 9      | 9      |
| Total Project                               | 1,173  | 779    | 1,169  | 1,722  | 2,117  | 2,232  | 2,012  | 1,320  | 372    | 179    | 179    | 179    |
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE PROJECTION                         | 9,769  | 9,984  | 10,229 | 10,496 | 10,760 | 11,037 | 11,341 | 11,660 | 11,999 | 12,365 | 12,756 | 13,171 |
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL EMPLOYMENT                            | 10,942 | 10,763 | 11,398 | 12,218 | 12,877 | 13,269 | 13,353 | 12,980 | 12,371 | 12,544 | 12,935 | 13,350 |
| <hr/>                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Influx As %<br>Increase Over Basel.  | 10     | 6      | 9      | 13     | 16     | 17     | 15     | 9      | 3      | 1      | 1      | 1      |
| Support Influx As %<br>Increase Over Basel. | 2      | 1      | 2      | 3      | 3      | 4      | 3      | 3      | 0      | 0      | 0      | 0      |
| Total Impact As %<br>Increase Over Basel.   | 12     | 8      | 11     | 16     | 20     | 20     | 18     | 11     | 3      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                             | 1994  | 1995  | 1996  | 1997  | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                      |       |       |       |       |        |        |        |        |        |        |        |        |
| Direct Construction                         | 85    | 52    | 85    | 136   | 174    | 185    | 161    | 87     | 16     | 0      | 0      | 0      |
| Direct Operations                           | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                             | 85    | 52    | 85    | 136   | 174    | 185    | 161    | 87     | 16     | 0      | 0      | 0      |
| Support Construction                        | 77    | 47    | 77    | 122   | 157    | 167    | 145    | 78     | 14     | 0      | 0      | 0      |
| Support Operations                          | 7     | 7     | 7     | 7     | 7      | 7      | 7      | 7      | 9      | 9      | 9      | 9      |
| Subtotal Support                            | 84    | 54    | 84    | 129   | 164    | 174    | 152    | 85     | 23     | 9      | 9      | 9      |
| Total Project                               | 169   | 106   | 169   | 265   | 338    | 359    | 313    | 172    | 39     | 9      | 9      | 9      |
| BASELINE PROJECTION                         |       |       |       |       |        |        |        |        |        |        |        |        |
|                                             | 8,956 | 9,147 | 9,368 | 9,510 | 9,848  | 10,098 | 10,375 | 10,666 | 10,976 | 11,313 | 11,673 | 12,056 |
| TOTAL EMPLOYMENT                            |       |       |       |       |        |        |        |        |        |        |        |        |
|                                             | 9,125 | 9,253 | 9,537 | 9,875 | 10,186 | 10,457 | 10,688 | 10,838 | 11,015 | 11,322 | 11,682 | 12,065 |
| Direct Influx As %<br>Increase Over Basel.  | 1     | 1     | 1     | 1     | 2      | 2      | 2      | 1      | 0      | 0      | 0      | 0      |
| Support Influx As %<br>Increase Over Basel. | 1     | 1     | 1     | 1     | 2      | 2      | 2      | 1      | 0      | 0      | 0      | 0      |
| Total Impact As %<br>Increase Over Basel.   | 2     | 1     | 2     | 3     | 3      | 4      | 3      | 2      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

|                                          | 1994 | 1995 | 1996 | 1997 | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                   |      |      |      |      |       |       |       |       |       |       |       |       |
| Direct Construction                      | 53   | 32   | 52   | 82   | 109   | 117   | 99    | 51    | 10    | 0     | 0     | 0     |
| Direct Operations                        | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                          | 53   | 32   | 52   | 82   | 109   | 117   | 99    | 51    | 10    | 0     | 0     | 0     |
| Support Construction                     | 11   | 6    | 10   | 16   | 22    | 35    | 30    | 15    | 3     | 0     | 0     | 0     |
| Support Operations                       | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                         | 11   | 6    | 10   | 16   | 22    | 35    | 30    | 15    | 3     | 0     | 0     | 0     |
| Total Project                            | 64   | 38   | 62   | 98   | 131   | 152   | 129   | 66    | 13    | 0     | 0     | 0     |
| BASELINE PROJECTION                      |      |      |      |      |       |       |       |       |       |       |       |       |
|                                          | 813  | 837  | 861  | 885  | 912   | 939   | 966   | 994   | 1,023 | 1,052 | 1,083 | 1,115 |
| TOTAL EMPLOYMENT                         |      |      |      |      |       |       |       |       |       |       |       |       |
|                                          | 877  | 875  | 923  | 984  | 1,043 | 1,091 | 1,095 | 1,060 | 1,036 | 1,052 | 1,083 | 1,115 |
| Direct Influx As % Increase Over Basel.  |      |      |      |      |       |       |       |       |       |       |       |       |
|                                          | 7    | 4    | 6    | 9    | 12    | 13    | 10    | 5     | 1     | 0     | 0     | 0     |
| Support Influx As % Increase Over Basel. |      |      |      |      |       |       |       |       |       |       |       |       |
|                                          | 1    | 1    | 1    | 2    | 2     | 4     | 3     | 2     | 0     | 0     | 0     | 0     |
| Total Impact As % Increase Over Basel.   |      |      |      |      |       |       |       |       |       |       |       |       |
|                                          | 8    | 5    | 7    | 11   | 14    | 16    | 13    | 7     | 1     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE MUNICIPALITY OF ANCHORAGE

|                                             | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -----                                       |         |         |         |         |         |         |         |         |         |         |         |         |
| PROJECT-RELATED IMPACT                      |         |         |         |         |         |         |         |         |         |         |         |         |
| -----                                       |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Construction                         | 231     | 142     | 227     | 370     | 492     | 529     | 455     | 243     | 45      | 0       | 0       | 0       |
| Direct Operations                           | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Subtotal Direct                             | 231     | 142     | 227     | 370     | 492     | 529     | 455     | 243     | 45      | 0       | 0       | 0       |
| Support Construction                        | 300     | 185     | 295     | 518     | 689     | 741     | 637     | 340     | 63      | 0       | 0       | 0       |
| Support Operations                          | 177     | 177     | 177     | 190     | 190     | 190     | 190     | 190     | 223     | 223     | 223     | 223     |
| Subtotal Support                            | 477     | 362     | 472     | 708     | 879     | 931     | 827     | 530     | 286     | 223     | 223     | 223     |
| Total Project                               | 708     | 504     | 699     | 1,078   | 1,371   | 1,460   | 1,282   | 773     | 331     | 223     | 223     | 223     |
| -----                                       |         |         |         |         |         |         |         |         |         |         |         |         |
| BASELINE PROJECTION                         | 136,917 | 137,316 | 138,142 | 139,235 | 140,226 | 141,337 | 142,779 | 144,351 | 146,105 | 148,155 | 150,432 | 152,906 |
| -----                                       |         |         |         |         |         |         |         |         |         |         |         |         |
| TOTAL EMPLOYMENT                            | 137,625 | 137,820 | 138,841 | 140,313 | 141,597 | 142,797 | 144,061 | 145,124 | 146,436 | 148,378 | 150,655 | 153,129 |
| =====                                       |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Influx As %<br>Increase Over Basel.  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Support Influx As %<br>Increase Over Basel. | 0       | 0       | 0       | 1       | 1       | 1       | 1       | 0       | 0       | 0       | 0       | 0       |
| Total Impact As %<br>Increase Over Basel.   | 1       | 0       | 1       | 1       | 1       | 1       | 1       | 1       | 0       | 0       | 0       | 0       |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE FAIRBANKS-NORTH STAR BOROUGH

|                                             | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED IMPACT                      |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                         | 173    | 106    | 170    | 265    | 341    | 361    | 321    | 184    | 33     | 0      | 0      | 0      |
| Direct Operations                           | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                             | 173    | 106    | 170    | 265    | 341    | 361    | 321    | 184    | 33     | 0      | 0      | 0      |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| Support Construction                        | 104    | 64     | 102    | 159    | 205    | 217    | 225    | 129    | 23     | 0      | 0      | 0      |
| Support Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                            | 104    | 64     | 102    | 159    | 205    | 217    | 225    | 129    | 23     | 0      | 0      | 0      |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                               | 277    | 170    | 272    | 424    | 546    | 578    | 546    | 313    | 56     | 0      | 0      | 0      |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE PROJECTION                         | 40,056 | 40,286 | 40,557 | 40,867 | 41,167 | 41,473 | 41,904 | 42,392 | 42,919 | 43,478 | 44,124 | 44,827 |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL EMPLOYMENT                            | 40,333 | 40,456 | 40,829 | 41,291 | 41,713 | 42,051 | 42,450 | 42,705 | 42,975 | 43,478 | 44,124 | 44,827 |
| =====                                       |        |        |        |        |        |        |        |        |        |        |        |        |
|                                             |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| Support Influx As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| Total Impact As %<br>Increase Over Basel.   | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE SOUTHEAST FAIRBANKS CENSUS DIVISION

|                                             | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED IMPACT                      | <hr/> |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                         | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| Direct Operations                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                             | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| Support Construction                        | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| Support Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                            | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| Total Project                               | 1     | 1     | 1     | 1     | 2     | 2     | 3     | 1     | 0     | 0     | 0     | 0     |
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE PROJECTION                         | 1,905 | 1,916 | 1,929 | 1,944 | 1,958 | 1,972 | 1,993 | 2,016 | 2,041 | 2,068 | 2,098 | 2,132 |
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL EMPLOYMENT                            | 1,906 | 1,917 | 1,930 | 1,945 | 1,960 | 1,974 | 1,996 | 2,017 | 2,041 | 2,068 | 2,098 | 2,132 |
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Influx As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Impact As %<br>Increase Over Basel.   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1993.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE KENAI-COOK INLET CENSUS DIVISION

|                                               | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <hr/>                                         |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED IMPACT                        | <hr/>  |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                           | 45     | 28     | 44     | 74     | 97     | 104    | 90     | 47     | 9      | 0      | 0      | 0      |
| Direct Operations                             | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                               | 45     | 28     | 44     | 74     | 97     | 104    | 90     | 47     | 9      | 0      | 0      | 0      |
| Support Construction                          | 23     | 14     | 22     | 37     | 49     | 52     | 54     | 28     | 5      | 0      | 0      | 0      |
| Support Operations                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                              | 23     | 14     | 22     | 37     | 49     | 52     | 54     | 28     | 5      | 0      | 0      | 0      |
| Total Project                                 | 68     | 42     | 66     | 111    | 146    | 156    | 144    | 75     | 14     | 0      | 0      | 0      |
| <hr/>                                         |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE PROJECTION                           | 13,370 | 13,566 | 13,806 | 14,076 | 14,338 | 14,616 | 14,931 | 15,265 | 15,622 | 16,016 | 16,441 | 16,893 |
| <hr/>                                         |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL EMPLOYMENT                              | 13,438 | 13,608 | 13,872 | 14,187 | 14,484 | 14,772 | 15,075 | 15,340 | 15,636 | 16,016 | 16,441 | 16,893 |
| <hr/>                                         |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Influx As %<br>Increase Over Baseline  | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| Support Influx As %<br>Increase Over Baseline | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Impact As %<br>Increase Over Baseline   | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE SEWARD CENSUS DIVISION

|                                             | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED IMPACT                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                         | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| Direct Operations                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                             | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| Support Construction                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Project                               | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE PROJECTION                         | 2,425 | 2,437 | 2,457 | 2,481 | 2,504 | 2,529 | 2,560 | 2,593 | 2,630 | 2,672 | 2,719 | 2,769 |
| -----                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL EMPLOYMENT                            | 2,426 | 2,438 | 2,458 | 2,482 | 2,506 | 2,531 | 2,562 | 2,594 | 2,630 | 2,672 | 2,719 | 2,769 |
| =====                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Influx As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Impact As %<br>Increase Over Basel.   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Urth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

|                                             | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED IMPACT                      | <hr/> |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                         | 16    | 10    | 16    | 23    | 30    | 31    | 29    | 17    | 2     | 0     | 0     | 0     |
| Direct Operations                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                             | 16    | 10    | 16    | 23    | 30    | 31    | 29    | 17    | 2     | 0     | 0     | 0     |
| Support Construction                        | 5     | 3     | 5     | 7     | 9     | 12    | 12    | 7     | 1     | 0     | 0     | 0     |
| Support Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                            | 5     | 3     | 5     | 7     | 9     | 12    | 12    | 7     | 1     | 0     | 0     | 0     |
| Total Project                               | 21    | 13    | 21    | 30    | 39    | 43    | 41    | 24    | 3     | 0     | 0     | 0     |
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE PROJECTION                         | 4,886 | 4,975 | 5,080 | 5,196 | 5,326 | 5,455 | 5,589 | 5,721 | 5,855 | 5,993 | 6,134 | 6,279 |
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL EMPLOYMENT                            | 4,907 | 4,988 | 5,101 | 5,226 | 5,365 | 5,498 | 5,630 | 5,745 | 5,858 | 5,993 | 6,134 | 6,279 |
| <hr/>                                       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| Support Influx As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Impact As %<br>Increase Over Basel.   | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE LOCAL IMPACT AREA

|                                          | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                   |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                      | 804    | 494    | 798    | 1,245  | 1,601  | 1,693  | 1,500  | 889    | 152    | 0      | 0      | 0      |
| Direct Operations                        | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 170    | 170    | 170    | 170    |
| Subtotal Direct                          | 949    | 639    | 943    | 1,391  | 1,746  | 1,838  | 1,645  | 1,034  | 322    | 170    | 170    | 170    |
| Support Construction                     | 217    | 133    | 219    | 324    | 364    | 387    | 360    | 279    | 41     | 0      | 0      | 0      |
| Support Operations                       | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 9      | 9      | 9      | 9      |
| Subtotal Support                         | 224    | 140    | 226    | 331    | 371    | 394    | 367    | 286    | 50     | 9      | 9      | 9      |
| Total Project                            | 1,173  | 779    | 1,169  | 1,722  | 2,117  | 2,232  | 2,012  | 1,320  | 372    | 179    | 179    | 179    |
| BASELINE PROJECTION                      |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 9,769  | 9,984  | 10,229 | 10,496 | 10,760 | 11,037 | 11,341 | 11,660 | 11,999 | 12,365 | 12,756 | 13,171 |
| TOTAL EMPLOYMENT                         |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 10,942 | 10,763 | 11,398 | 12,218 | 12,877 | 13,269 | 13,353 | 12,980 | 12,371 | 12,544 | 12,935 | 13,350 |
| Direct Influx As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 10     | 6      | 9      | 13     | 16     | 17     | 15     | 9      | 3      | 1      | 1      | 1      |
| Support Influx As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 2      | 1      | 2      | 3      | 3      | 4      | 3      | 3      | 0      | 0      | 0      | 0      |
| Total Impact As % Increase Over Basel.   |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 12     | 8      | 11     | 16     | 20     | 20     | 18     | 11     | 3      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 61

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE RAILBELT REGION

**NOT REPORTED AT THIS TIME**

IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE  
THE STATE OF ALASKA

**NOT REPORTED AT THIS TIME**



GRAVITY MODEL ASSIGNMENTS OF RELOCATORS TO PLACES

|                     | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Palmer              | 5    | 8    | 9    | 12   | 14   | 19   | 17   | 13   | 6    | 4    | 2    | 4    | 6    | 8    | 9    | 7    | 4    | 1    |
| Wasilla             | 6    | 9    | 11   | 14   | 16   | 22   | 20   | 14   | 7    | 4    | 3    | 4    | 7    | 9    | 10   | 8    | 4    | 1    |
| Houston             | 6    | 9    | 10   | 13   | 15   | 21   | 19   | 13   | 7    | 4    | 3    | 4    | 7    | 9    | 9    | 8    | 4    | 1    |
| Talkeetna           | 7    | 11   | 13   | 17   | 20   | 27   | 25   | 18   | 9    | 6    | 3    | 6    | 9    | 11   | 12   | 11   | 5    | 1    |
| Trapper Creek       | 8    | 12   | 13   | 18   | 21   | 28   | 25   | 18   | 9    | 6    | 4    | 6    | 9    | 12   | 12   | 11   | 5    | 1    |
| Suburban Mat-Su     | 16   | 25   | 28   | 38   | 44   | 59   | 53   | 38   | 20   | 12   | 7    | 12   | 19   | 24   | 26   | 23   | 11   | 2    |
| Rural/Remote Mat-Su | 7    | 12   | 14   | 18   | 21   | 29   | 26   | 19   | 9    | 5    | 3    | 5    | 9    | 12   | 13   | 11   | 5    | 1    |
| Cantwell            | 19   | 30   | 21   | 28   | 32   | 43   | 39   | 28   | 15   | 9    | 5    | 9    | 14   | 18   | 20   | 17   | 8    | 2    |
| Healy               | 15   | 23   | 27   | 35   | 41   | 55   | 50   | 36   | 19   | 11   | 7    | 11   | 18   | 23   | 25   | 21   | 11   | 2    |
| Nenana              | 14   | 22   | 25   | 33   | 39   | 52   | 47   | 34   | 17   | 11   | 7    | 11   | 17   | 22   | 23   | 20   | 10   | 2    |
| McKinley Park       | 26   | 41   | 46   | 61   | 71   | 95   | 86   | 62   | 32   | 20   | 12   | 20   | 31   | 40   | 43   | 37   | 19   | 4    |
| Glennallen          | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 1    | 1    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 0    | 0    |
| Valdez              | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    |
| Copper Center       | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 0    | 0    | 0    |
| Gulkana             | 1    | 1    | 1    | 1    | 1    | 2    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    |
| Paxson              | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 1    | 1    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 0    | 0    |
| Anchorage           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    |
| Fairbanks           | 43   | 48   | 38   | 53   | 59   | 74   | 70   | 52   | 27   | 17   | 10   | 16   | 25   | 34   | 35   | 32   | 15   | 3    |
| Total Relocaters    | 176  | 254  | 258  | 345  | 397  | 526  | 480  | 350  | 180  | 111  | 68   | 109  | 171  | 223  | 241  | 207  | 103  | 22   |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE MATANUSKA-SUSITNA BOROUGH

|                                         | 1981  | 1982  | 1983  | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                  |       |       |       |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                     | 0     | 0     | 0     | 0      | 55     | 83     | 446    | 482    | 503    | 553    | 550    | 539    | 400    |
| Direct Operations                       | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 70     |
| Subtotal Direct                         | 0     | 0     | 0     | 0      | 55     | 83     | 446    | 482    | 503    | 553    | 550    | 539    | 470    |
| Support Construction                    | 0     | 0     | 0     | 0      | 15     | 22     | 26     | 40     | 45     | 57     | 55     | 51     | 46     |
| Support Operations                      | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 3      |
| Subtotal Support                        | 0     | 0     | 0     | 0      | 15     | 22     | 26     | 40     | 45     | 57     | 55     | 51     | 49     |
| Total Project                           | 0     | 0     | 0     | 0      | 70     | 105    | 472    | 522    | 548    | 610    | 605    | 590    | 519    |
| BASELINE PROJECTION                     |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 6,810 | 8,664 | 9,611 | 10,362 | 11,186 | 12,005 | 12,700 | 13,387 | 14,301 | 15,375 | 16,078 | 17,220 | 18,103 |
| TOTAL HOUSEHOLDS                        |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 6,810 | 8,664 | 9,611 | 10,362 | 11,256 | 12,110 | 13,172 | 13,909 | 14,849 | 15,985 | 16,683 | 17,810 | 18,622 |
| Direct Impact As % Increase Over Basel. |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 0     | 0     | 0     | 0      | 1      | 1      | 4      | 4      | 4      | 4      | 3      | 3      | 3      |
| Total Influx As % Increase Over Basel.  |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 0     | 0     | 0     | 0      | 1      | 1      | 4      | 4      | 4      | 4      | 4      | 3      | 3      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF PALMER

|                                            | 1981 | 1982 | 1983 | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|--------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 0    | 0    | 0    | 0     | 5     | 8     | 9     | 12    | 15    | 19    | 19    | 18    | 17    |
| Direct Operations                          | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 0    | 0    | 0    | 0     | 5     | 8     | 9     | 12    | 15    | 19    | 19    | 18    | 17    |
| Support Construction                       | 0    | 0    | 0    | 0     | 1     | 2     | 2     | 2     | 3     | 4     | 4     | 3     | 3     |
| Support Operations                         | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 0    | 0    | 0    | 0     | 1     | 2     | 2     | 2     | 3     | 4     | 4     | 3     | 3     |
| Total Project                              | 0    | 0    | 0    | 0     | 6     | 10    | 11    | 14    | 18    | 23    | 23    | 21    | 20    |
| BASELINE PROJECTION                        | 783  | 817  | 944  | 1,007 | 1,073 | 1,143 | 1,219 | 1,299 | 1,385 | 1,476 | 1,529 | 1,584 | 1,641 |
| TOTAL HOUSEHOLDS                           | 783  | 817  | 944  | 1,007 | 1,079 | 1,153 | 1,230 | 1,313 | 1,403 | 1,499 | 1,552 | 1,605 | 1,661 |
| Direct Impact As %<br>Increase Over Basel. | 0    | 0    | 0    | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0     | 1     | 1     | 1     | 1     | 1     | 2     | 2     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF WASILLA

|                                            | 1981 | 1982 | 1983 | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|--------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 0    | 0    | 0    | 0     | 6     | 9     | 10    | 14    | 16    | 22    | 22    | 20    | 19    |
| Direct Operations                          | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 0    | 0    | 0    | 0     | 6     | 9     | 10    | 14    | 16    | 22    | 22    | 20    | 19    |
| Support Construction                       | 0    | 0    | 0    | 0     | 1     | 2     | 2     | 3     | 3     | 4     | 4     | 4     | 3     |
| Support Operations                         | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 0    | 0    | 0    | 0     | 1     | 2     | 2     | 3     | 3     | 4     | 4     | 4     | 3     |
| Total Project                              | 0    | 0    | 0    | 0     | 7     | 11    | 12    | 17    | 19    | 26    | 26    | 24    | 22    |
| BASELINE PROJECTION                        | 670  | 792  | 947  | 1,022 | 1,102 | 1,190 | 1,284 | 1,386 | 1,496 | 1,615 | 1,743 | 1,881 | 2,030 |
| TOTAL HOUSEHOLDS                           | 670  | 792  | 947  | 1,022 | 1,109 | 1,201 | 1,296 | 1,403 | 1,515 | 1,641 | 1,769 | 1,905 | 2,052 |
| Direct Impact As %<br>Increase Over Basel. | 0    | 0    | 0    | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0     | 1     | 1     | 1     | 1     | 1     | 2     | 2     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF HOUSTON

|                                         | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                  |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 0    | 0    | 0    | 0    | 6    | 8    | 10   | 13   | 15   | 21   | 20   | 19   | 18   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 0    | 0    | 0    | 0    | 6    | 8    | 10   | 13   | 15   | 21   | 20   | 19   | 18   |
| Support Construction                    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | 2    |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | 2    |
| Total Project                           | 0    | 0    | 0    | 0    | 7    | 9    | 11   | 15   | 17   | 23   | 22   | 21   | 20   |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 207  | 207  | 210  | 231  | 254  | 280  | 308  | 339  | 373  | 411  | 452  | 498  | 548  |
| TOTAL HOUSEHOLDS                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 207  | 207  | 210  | 231  | 261  | 289  | 319  | 354  | 390  | 434  | 474  | 519  | 568  |
| Direct Impact As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 0    | 0    | 0    | 0    | 2    | 3    | 3    | 4    | 4    | 5    | 4    | 4    | 3    |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 0    | 0    | 0    | 0    | 3    | 3    | 4    | 4    | 5    | 6    | 5    | 4    | 4    |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN TALKEETNA

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 7    | 11   | 13   | 18   | 21   | 27   | 27   | 25   | 23   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 7    | 11   | 13   | 18   | 21   | 27   | 27   | 25   | 23   |
| Support Construction                       | 0    | 0    | 0    | 0    | 2    | 2    | 2    | 4    | 5    | 5    | 5    | 5    | 5    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 2    | 2    | 2    | 4    | 5    | 5    | 5    | 5    | 5    |
| Total Project                              | 0    | 0    | 0    | 0    | 9    | 13   | 15   | 22   | 26   | 32   | 32   | 30   | 28   |
| BASELINE PROJECTION                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL HOUSEHOLDS                           | 89   | 89   | 103  | 108  | 114  | 121  | 127  | 134  | 142  | 149  | 158  | 166  | 175  |
| Direct Impact As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 6    | 9    | 10   | 13   | 15   | 18   | 17   | 15   | 13   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 8    | 11   | 12   | 16   | 18   | 22   | 20   | 18   | 16   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN TRAPPER CREEK

|                                         | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                  |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 0    | 0    | 0    | 0    | 7    | 11   | 13   | 19   | 21   | 28   | 27   | 26   | 23   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 0    | 0    | 0    | 0    | 7    | 11   | 13   | 19   | 21   | 28   | 27   | 26   | 23   |
| Support Construction                    | 0    | 0    | 0    | 0    | 3    | 6    | 6    | 10   | 12   | 15   | 14   | 13   | 12   |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 0    | 0    | 0    | 0    | 3    | 6    | 6    | 10   | 12   | 15   | 14   | 13   | 12   |
| Total Project                           | 0    | 0    | 0    | 0    | 10   | 17   | 19   | 29   | 33   | 43   | 41   | 39   | 35   |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 68   | 68   | 71   | 74   | 78   | 81   | 85   | 88   | 92   | 97   | 101  | 106  | 111  |
| TOTAL HOUSEHOLDS                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 68   | 68   | 71   | 74   | 88   | 98   | 104  | 117  | 125  | 140  | 142  | 145  | 146  |
| Direct Impact As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 0    | 0    | 0    | 0    | 9    | 14   | 15   | 22   | 23   | 29   | 27   | 25   | 21   |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 0    | 0    | 0    | 0    | 13   | 21   | 22   | 33   | 36   | 44   | 41   | 37   | 32   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                         | 1981 | 1982 | 1983 | 1984 | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                  |      |      |      |      |       |       |       |       |       |       |       |       |       |
| Direct Construction                     | 0    | 0    | 0    | 0    | 7     | 11    | 13    | 19    | 22    | 28    | 28    | 27    | 24    |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                         | 0    | 0    | 0    | 0    | 7     | 11    | 13    | 19    | 22    | 28    | 28    | 27    | 24    |
| Support Construction                    | 0    | 0    | 0    | 0    | 2     | 2     | 2     | 3     | 4     | 5     | 5     | 4     | 4     |
| Support Operations                      | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                        | 0    | 0    | 0    | 0    | 2     | 2     | 2     | 3     | 4     | 5     | 5     | 4     | 4     |
| Total Project                           | 0    | 0    | 0    | 0    | 9     | 13    | 15    | 22    | 26    | 33    | 33    | 31    | 28    |
| BASELINE PROJECTION                     |      |      |      |      |       |       |       |       |       |       |       |       |       |
|                                         | 468  | 935  | 930  | 993  | 1,074 | 1,153 | 1,215 | 1,274 | 1,358 | 1,461 | 1,520 | 1,633 | 1,709 |
| TOTAL HOUSEHOLDS                        |      |      |      |      |       |       |       |       |       |       |       |       |       |
|                                         | 468  | 935  | 930  | 993  | 1,083 | 1,166 | 1,230 | 1,296 | 1,384 | 1,494 | 1,553 | 1,664 | 1,737 |
| Direct Impact As % Increase Over Basel. |      |      |      |      |       |       |       |       |       |       |       |       |       |
|                                         | 0    | 0    | 0    | 0    | 1     | 1     | 1     | 2     | 2     | 2     | 2     | 2     | 1     |
| Total Influx As % Increase Over Basel.  |      |      |      |      |       |       |       |       |       |       |       |       |       |
|                                         | 0    | 0    | 0    | 0    | 1     | 1     | 1     | 2     | 2     | 2     | 2     | 2     | 2     |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE SUBURBAN AREA OF THE MATANUSKA-SUSITNA BOROUGH

|                                         | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                  |       |       |       |       |       |       |       |       |       |        |        |        |        |
| Direct Construction                     | 0     | 0     | 0     | 0     | 17    | 25    | 28    | 37    | 43    | 58     | 57     | 54     | 50     |
| Direct Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      |
| Subtotal Direct                         | 0     | 0     | 0     | 0     | 17    | 25    | 28    | 37    | 43    | 58     | 57     | 54     | 50     |
| Support Construction                    | 0     | 0     | 0     | 0     | 6     | 8     | 11    | 16    | 17    | 22     | 21     | 20     | 18     |
| Support Operations                      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 3      |
| Subtotal Support                        | 0     | 0     | 0     | 0     | 6     | 8     | 11    | 16    | 17    | 22     | 21     | 20     | 21     |
| Total Project                           | 0     | 0     | 0     | 0     | 23    | 33    | 39    | 53    | 60    | 80     | 78     | 74     | 71     |
| BASELINE PROJECTION                     |       |       |       |       |       |       |       |       |       |        |        |        |        |
|                                         | 4,420 | 5,667 | 6,402 | 6,910 | 7,468 | 8,016 | 8,444 | 8,854 | 9,440 | 10,152 | 10,565 | 11,342 | 11,875 |
| TOTAL HOUSEHOLDS                        |       |       |       |       |       |       |       |       |       |        |        |        |        |
|                                         | 4,420 | 5,667 | 6,402 | 6,910 | 7,491 | 8,049 | 8,483 | 8,907 | 9,500 | 10,232 | 10,643 | 11,416 | 11,946 |
| Direct Impact As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |        |        |        |        |
|                                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1      | 1      | 1      | 0      |
| Total Influx As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |        |        |        |        |
|                                         | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

|                                           | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990  | 1991  | 1992  | 1993  |
|-------------------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                    |      |      |      |      |      |      |      |      |      |       |       |       |       |
| Direct Construction                       | 0    | 0    | 0    | 0    | 73   | 116  | 119  | 157  | 181  | 246   | 240   | 225   | 209   |
| Direct Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     |
| Subtotal Direct                           | 0    | 0    | 0    | 0    | 73   | 116  | 119  | 157  | 181  | 246   | 240   | 225   | 209   |
| Support Construction                      | 0    | 0    | 0    | 0    | 8    | 9    | 12   | 14   | 16   | 22    | 22    | 19    | 17    |
| Support Operations                        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     |
| Subtotal Support                          | 0    | 0    | 0    | 0    | 8    | 9    | 12   | 14   | 16   | 22    | 22    | 19    | 17    |
| Total Project                             | 0    | 0    | 0    | 0    | 81   | 125  | 131  | 171  | 197  | 268   | 262   | 244   | 226   |
| BASELINE PROJECTION                       |      |      |      |      |      |      |      |      |      |       |       |       |       |
|                                           | 698  | 704  | 716  | 728  | 741  | 754  | 768  | 781  | 795  | 809   | 823   | 838   | 853   |
| TOTAL HOUSEHOLDS                          |      |      |      |      |      |      |      |      |      |       |       |       |       |
|                                           | 698  | 704  | 716  | 728  | 822  | 879  | 899  | 952  | 992  | 1,077 | 1,085 | 1,082 | 1,079 |
| Direct Impact As % Increase Over Baseline |      |      |      |      |      |      |      |      |      |       |       |       |       |
|                                           | 0    | 0    | 0    | 0    | 10   | 15   | 16   | 20   | 23   | 30    | 29    | 27    | 25    |
| Total Influx As % Increase Over Baseline  |      |      |      |      |      |      |      |      |      |       |       |       |       |
|                                           | 0    | 0    | 0    | 0    | 11   | 17   | 17   | 22   | 25   | 33    | 32    | 29    | 27    |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN CANTWELL

|                                           | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|-------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                       | 0    | 0    | 0    | 0    | 19   | 29   | 21   | 27   | 31   | 43   | 41   | 39   | 36   |
| Direct Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                           | 0    | 0    | 0    | 0    | 19   | 29   | 21   | 27   | 31   | 43   | 41   | 39   | 36   |
| Support Construction                      | 0    | 0    | 0    | 0    | 3    | 4    | 4    | 5    | 5    | 7    | 7    | 6    | 5    |
| Support Operations                        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                          | 0    | 0    | 0    | 0    | 3    | 4    | 4    | 5    | 5    | 7    | 7    | 6    | 5    |
| Total Project                             | 0    | 0    | 0    | 0    | 22   | 33   | 25   | 32   | 36   | 50   | 48   | 45   | 41   |
| BASELINE PROJECTION                       |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                           | 68   | 68   | 81   | 82   | 83   | 84   | 85   | 86   | 87   | 88   | 89   | 90   | 91   |
| TOTAL HOUSEHOLDS                          | 68   | 68   | 81   | 82   | 105  | 117  | 110  | 118  | 123  | 138  | 137  | 135  | 132  |
| Direct Impact As % Increase Over Baseline |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                           | 0    | 0    | 0    | 0    | 23   | 35   | 25   | 31   | 36   | 49   | 46   | 43   | 40   |
| Total Influx As % Increase Over Baseline  |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                           | 0    | 0    | 0    | 0    | 27   | 39   | 29   | 37   | 41   | 57   | 54   | 50   | 45   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN MCKINLEY PARK

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 26   | 41   | 46   | 62   | 70   | 96   | 94   | 88   | 81   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 26   | 41   | 46   | 62   | 70   | 96   | 94   | 88   | 81   |
| Support Construction                       | 0    | 0    | 0    | 0    | 2    | 2    | 3    | 4    | 5    | 6    | 6    | 5    | 5    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 2    | 2    | 3    | 4    | 5    | 6    | 6    | 5    | 5    |
| Total Project                              | 0    | 0    | 0    | 0    | 28   | 43   | 49   | 66   | 75   | 102  | 100  | 93   | 86   |
| BASELINE PROJECTION                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL HOUSEHOLDS                           | 10   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 15   |
| Direct Impact As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 217  | 342  | 383  | 477  | 539  | 686  | 671  | 629  | 540  |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 233  | 358  | 408  | 508  | 577  | 729  | 714  | 664  | 573  |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF NENANA

|                                            | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 0    | 0    | 0    | 0    | 13   | 22   | 25   | 33   | 39   | 52   | 51   | 48   | 45   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 0    | 0    | 0    | 0    | 13   | 22   | 25   | 33   | 39   | 52   | 51   | 48   | 45   |
| Support Construction                       | 0    | 0    | 0    | 0    | 2    | 2    | 2    | 3    | 3    | 5    | 5    | 4    | 4    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 0    | 0    | 0    | 0    | 2    | 2    | 2    | 3    | 3    | 5    | 5    | 4    | 4    |
| Total Project                              | 0    | 0    | 0    | 0    | 15   | 24   | 27   | 36   | 42   | 57   | 56   | 52   | 49   |
| BASELINE PROJECTION                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL HOUSEHOLDS                           | 168  | 172  | 176  | 180  | 185  | 190  | 195  | 200  | 205  | 210  | 215  | 221  | 226  |
| Direct Impact As %<br>Increase Over Basel. | 0    | 0    | 0    | 0    | 7    | 12   | 13   | 17   | 19   | 25   | 24   | 22   | 20   |
| Total Influx As %<br>Increase Over Basel.  | 0    | 0    | 0    | 0    | 8    | 13   | 14   | 18   | 21   | 27   | 26   | 24   | 22   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN HEALY

|                                         | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                  |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 0    | 0    | 0    | 0    | 15   | 24   | 27   | 35   | 41   | 55   | 54   | 50   | 47   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 0    | 0    | 0    | 0    | 15   | 24   | 27   | 35   | 41   | 55   | 54   | 50   | 47   |
| Support Construction                    | 0    | 0    | 0    | 0    | 2    | 2    | 2    | 2    | 3    | 4    | 4    | 3    | 3    |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 0    | 0    | 0    | 0    | 2    | 2    | 2    | 2    | 3    | 4    | 4    | 3    | 3    |
| Total Project                           | 0    | 0    | 0    | 0    | 17   | 26   | 29   | 37   | 44   | 59   | 58   | 53   | 50   |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 109  | 112  | 115  | 118  | 122  | 125  | 129  | 133  | 137  | 141  | 145  | 149  | 153  |
| TOTAL HOUSEHOLDS                        |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 109  | 112  | 115  | 118  | 139  | 151  | 158  | 170  | 181  | 200  | 203  | 202  | 203  |
| Direct Impact As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 0    | 0    | 0    | 0    | 12   | 19   | 21   | 26   | 30   | 39   | 37   | 34   | 31   |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 0    | 0    | 0    | 0    | 14   | 21   | 23   | 28   | 32   | 42   | 40   | 36   | 33   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE MUNICIPALITY OF ANCHORAGE

|                                            | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0      | 0      | 0      | 0      | -90    | -147   | -318   | -364   | -398   | -450   | -432   | -360   | -213   |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0      | 0      | 0      | 0      | -90    | -147   | -318   | -364   | -398   | -450   | -432   | -360   | -213   |
| Support Construction                       | 0      | 0      | 0      | 0      | 175    | 218    | 280    | 396    | 447    | 570    | 557    | 518    | 459    |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 85     |
| Subtotal Support                           | 0      | 0      | 0      | 0      | 175    | 218    | 280    | 396    | 447    | 570    | 557    | 518    | 544    |
| Total Project                              | 0      | 0      | 0      | 0      | 85     | 71     | -38    | 32     | 49     | 120    | 125    | 158    | 331    |
| BASELINE PROJECTION                        | 60,137 | 66,002 | 68,578 | 70,352 | 72,331 | 74,043 | 74,783 | 75,339 | 76,987 | 79,232 | 79,383 | 81,512 | 82,183 |
| TOTAL HOUSEHOLDS                           | 60,137 | 66,002 | 68,578 | 70,352 | 72,416 | 74,114 | 74,745 | 75,371 | 77,036 | 79,352 | 79,508 | 81,670 | 82,514 |
| Direct Impact As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -1     | -1     | -1     | -1     | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE FAIRBANKS-NORTH STAR BOROUGH

|                        | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction    | 0      | 0      | 0      | 0      | 43     | 48     | 38     | 53     | 60     | 74     | 72     | 63     | 51     |
| Direct Operations      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct        | 0      | 0      | 0      | 0      | 43     | 48     | 38     | 53     | 60     | 74     | 72     | 63     | 51     |
| Support Construction   | 0      | 0      | 0      | 0      | 35     | 44     | 61     | 80     | 90     | 120    | 118    | 110    | 98     |
| Support Operations     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support       | 0      | 0      | 0      | 0      | 35     | 44     | 61     | 80     | 90     | 120    | 118    | 110    | 98     |
| Total Project          | 0      | 0      | 0      | 0      | 78     | 92     | 99     | 133    | 150    | 194    | 190    | 173    | 149    |
| BASELINE PROJECTION    |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                        | 19,407 | 21,752 | 22,200 | 22,777 | 23,347 | 23,908 | 24,422 | 24,701 | 25,198 | 26,033 | 26,307 | 26,744 | 27,423 |
| TOTAL HOUSEHOLDS       |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                        | 19,407 | 21,752 | 22,200 | 22,777 | 23,425 | 24,000 | 24,521 | 24,834 | 25,348 | 26,227 | 26,497 | 26,917 | 27,572 |
| Direct Impact As %     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Increase Over Basel.   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Increase Over Basel.   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN MUNICIPALITY OF FAIRBANKS

|                                            | 1981  | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 0     | 0      | 0      | 0      | 43     | 48     | 38     | 53     | 60     | 74     | 72     | 63     | 51     |
| Direct Operations                          | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0     | 0      | 0      | 0      | 43     | 48     | 38     | 53     | 60     | 74     | 72     | 63     | 51     |
| Support Construction                       | 0     | 0      | 0      | 0      | 17     | 22     | 30     | 40     | 46     | 62     | 61     | 57     | 50     |
| Support Operations                         | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 0     | 0      | 0      | 0      | 17     | 22     | 30     | 40     | 46     | 62     | 61     | 57     | 50     |
| Total Project                              | 0     | 0      | 0      | 0      | 60     | 70     | 68     | 93     | 106    | 136    | 133    | 120    | 101    |
| BASLINE PROJECTION                         | 9,124 | 10,481 | 10,801 | 11,186 | 11,575 | 11,968 | 12,340 | 12,599 | 12,979 | 13,537 | 13,811 | 14,177 | 14,678 |
| TOTAL HOUSEHOLDS                           | 9,124 | 10,481 | 10,801 | 11,186 | 11,635 | 12,038 | 12,408 | 12,692 | 13,085 | 13,673 | 13,944 | 14,297 | 14,779 |
| Direct Impact As %<br>Increase Over Basel. | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE SOUTHEAST FAIRBANKS BOROUGH

|                                            | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED IMPACT                     | ----- |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 0     | 0     | 0     | 0     | 2     | 2     | 3     | 4     | 5     | 6     | 6     | 4     | 2     |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 0     | 0     | 0     | 0     | 2     | 2     | 3     | 4     | 5     | 6     | 6     | 4     | 2     |
| Support Construction                       | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Project                              | 0     | 0     | 0     | 0     | 2     | 2     | 4     | 5     | 6     | 7     | 7     | 5     | 3     |
| -----                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE PROJECTION                        | 1,857 | 2,165 | 2,209 | 2,266 | 2,323 | 2,379 | 2,430 | 2,458 | 2,507 | 2,590 | 2,618 | 2,661 | 2,729 |
| -----                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL HOUSEHOLDS                           | 1,857 | 2,165 | 2,209 | 2,266 | 2,325 | 2,381 | 2,434 | 2,463 | 2,513 | 2,597 | 2,625 | 2,666 | 2,732 |
| -----                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Impact As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

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IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE KENAI-COOK INLET CENSUS DIVISION

|                                            | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |        |        |        |        |        |        |        |
| Direct Construction                        | 0     | 0     | 0     | 0     | -18   | -29   | -63    | -72    | -78    | -89    | -86    | -71    | -42    |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 0     | 0     | 0     | 0     | -18   | -29   | -63    | -72    | -78    | -89    | -86    | -71    | -42    |
| Support Construction                       | 0     | 0     | 0     | 0     | 13    | 16    | 22     | 29     | 33     | 45     | 44     | 41     | 36     |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 0     | 0     | 0     | 0     | 13    | 16    | 22     | 29     | 33     | 45     | 44     | 41     | 36     |
| Total Project                              | 0     | 0     | 0     | 0     | -5    | -13   | -41    | -43    | -45    | -44    | -42    | -30    | -6     |
| BASELINE PROJECTION                        | 7,995 | 8,203 | 8,513 | 8,953 | 9,438 | 9,905 | 10,250 | 10,584 | 11,079 | 11,683 | 11,988 | 12,610 | 13,023 |
| TOTAL HOUSEHOLDS                           | 7,995 | 8,203 | 8,513 | 8,953 | 9,433 | 9,892 | 10,209 | 10,541 | 11,034 | 11,639 | 11,946 | 12,580 | 13,017 |
| Direct Impact As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | -1     | -1     | -1     | -1     | -1     | -1     | 0      |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE SEWARD CENSUS DIVISION

|                                         | 1981 | 1982 | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                  |      |      |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                     | 0    | 0    | 0     | 0     | 0     | -1    | -2    | -2    | -2    | -2    | -2    | -2    | -1    |
| Direct Operations                       | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                         | 0    | 0    | 0     | 0     | 0     | -1    | -2    | -2    | -2    | -2    | -2    | -2    | -1    |
| Support Construction                    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Operations                      | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                        | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Project                           | 0    | 0    | 0     | 0     | 0     | -1    | -2    | -2    | -2    | -2    | -2    | -2    | -1    |
| BASELINE PROJECTION                     |      |      |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 970  | 999  | 1,022 | 1,058 | 1,100 | 1,137 | 1,160 | 1,182 | 1,220 | 1,269 | 1,284 | 1,333 | 1,359 |
| TOTAL HOUSEHOLDS                        |      |      |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 970  | 999  | 1,022 | 1,058 | 1,100 | 1,136 | 1,158 | 1,180 | 1,218 | 1,267 | 1,282 | 1,331 | 1,358 |
| Direct Impact As % Increase Over Basel. |      |      |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As % Increase Over Basel.  |      |      |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE VALDEZ-CHITINA-WHITTIER DIVISION

|                                            | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 0     | 0     | 0     | 0     | 4     | 5     | 4     | 5     | 6     | 7     | 7     | 5     | 2     |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 0     | 0     | 0     | 0     | 4     | 5     | 4     | 5     | 6     | 7     | 7     | 5     | 2     |
| Support Construction                       | 0     | 0     | 0     | 0     | 5     | 7     | 9     | 12    | 14    | 17    | 16    | 16    | 14    |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 0     | 0     | 0     | 0     | 5     | 7     | 9     | 12    | 14    | 17    | 16    | 16    | 14    |
| Total Project                              | 0     | 0     | 0     | 0     | 9     | 12    | 13    | 17    | 20    | 24    | 23    | 21    | 16    |
| BASELINE PROJECTION                        | 2,689 | 2,984 | 3,925 | 4,019 | 4,096 | 3,815 | 4,061 | 4,244 | 4,310 | 4,371 | 4,440 | 4,557 | 4,669 |
| TOTAL HOUSEHOLDS                           | 2,689 | 2,984 | 3,925 | 4,019 | 4,105 | 3,827 | 4,074 | 4,261 | 4,330 | 4,395 | 4,463 | 4,578 | 4,685 |
| Direct Impact As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE LOCAL IMPACT AREA

|                                         | 1981  | 1982  | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                  |       |       |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                     | 0     | 0     | 0      | 0      | 128    | 199    | 565    | 639    | 684    | 799    | 790    | 764    | 609    |
| Direct Operations                       | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 70     |
| Subtotal Direct                         | 0     | 0     | 0      | 0      | 128    | 199    | 565    | 639    | 684    | 799    | 790    | 764    | 679    |
| Support Construction                    | 0     | 0     | 0      | 0      | 29     | 40     | 49     | 69     | 79     | 101    | 99     | 90     | 81     |
| Support Operations                      | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 3      |
| Subtotal Support                        | 0     | 0     | 0      | 0      | 29     | 40     | 49     | 69     | 79     | 101    | 99     | 90     | 84     |
| Total Project                           | 0     | 0     | 0      | 0      | 157    | 239    | 614    | 708    | 763    | 900    | 889    | 854    | 763    |
| BASELINE PROJECTION                     |       |       |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 7,508 | 9,368 | 10,327 | 11,090 | 11,927 | 12,759 | 13,468 | 14,168 | 15,096 | 16,194 | 16,901 | 18,058 | 18,956 |
| TOTAL HOUSEHOLDS                        |       |       |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 7,508 | 9,368 | 10,327 | 11,090 | 12,084 | 12,998 | 14,082 | 14,876 | 15,859 | 17,084 | 17,790 | 18,912 | 19,719 |
| Direct Impact As % Increase Over Basel. |       |       |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 0     | 0     | 0      | 0      | 1      | 2      | 4      | 5      | 5      | 5      | 5      | 4      | 4      |
| Total Influx As % Increase Over Basel.  |       |       |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 0     | 0     | 0      | 0      | 1      | 2      | 5      | 5      | 5      | 6      | 5      | 5      | 4      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE RAILBELT REGION

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PAGE: 85

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PAGE: 86  
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IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE STATE OF ALASKA

NOT REPORTED AT THIS TIME



IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                         | 1981  | 1982  | 1983  | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                  |       |       |       |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                     | 0     | 0     | 0     | 0      | 55     | 83     | 96     | 132    | 153    | 203    | 200    | 189    | 174    |
| Direct Operations                       | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                         | 0     | 0     | 0     | 0      | 55     | 83     | 96     | 132    | 153    | 203    | 200    | 189    | 174    |
| Support Construction                    | 0     | 0     | 0     | 0      | 16     | 23     | 26     | 40     | 46     | 57     | 55     | 51     | 47     |
| Support Operations                      | 0     | 0     | 0     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 3      |
| Subtotal Support                        | 0     | 0     | 0     | 0      | 16     | 23     | 26     | 40     | 46     | 57     | 55     | 51     | 50     |
| Total Project                           | 0     | 0     | 0     | 0      | 71     | 106    | 122    | 172    | 199    | 260    | 255    | 240    | 224    |
| BASELINE PROJECTION                     |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 6,831 | 8,668 | 9,616 | 10,362 | 11,186 | 12,005 | 12,700 | 13,387 | 14,301 | 15,375 | 16,078 | 17,220 | 18,103 |
| TOTAL HOUSEHOLDS                        |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 6,831 | 8,668 | 9,616 | 10,362 | 11,257 | 12,111 | 12,822 | 13,559 | 14,500 | 15,635 | 16,333 | 17,460 | 18,327 |
| Direct Impact As % Increase Over Basel. |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 0     | 0     | 0     | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| Total Influx As % Increase Over Basel.  |       |       |       |        |        |        |        |        |        |        |        |        |        |
|                                         | 0     | 0     | 0     | 0      | 1      | 1      | 1      | 1      | 1      | 2      | 2      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 312    | 254    | 315    | 380    | 383    | 384    | 383    | 374    | 188    | 160    | 160    | 160    |
| Direct Operations                          | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 170    | 170    | 170    | 170    |
| Subtotal Direct                            | 457    | 399    | 460    | 525    | 528    | 529    | 528    | 519    | 358    | 330    | 330    | 330    |
| Support Construction                       | 44     | 43     | 44     | 46     | 47     | 47     | 47     | 45     | 41     | 40     | 40     | 40     |
| Support Operations                         | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 9      | 9      | 9      | 9      |
| Subtotal Support                           | 51     | 50     | 51     | 53     | 54     | 54     | 54     | 52     | 50     | 49     | 49     | 49     |
| Total Project                              | 508    | 449    | 511    | 578    | 582    | 583    | 582    | 571    | 408    | 379    | 379    | 379    |
| BASELINE PROJECTION                        | 18,921 | 19,678 | 20,542 | 21,468 | 22,386 | 23,336 | 24,342 | 25,376 | 26,454 | 27,599 | 28,807 | 30,066 |
| TOTAL HOUSEHOLDS                           | 19,429 | 20,127 | 21,053 | 22,046 | 22,968 | 23,919 | 24,924 | 25,947 | 26,862 | 27,978 | 29,186 | 30,445 |
| Direct Impact As %<br>Increase Over Basel. | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 1      | 1      | 1      | 1      |
| Total Influx As %<br>Increase Over Basel.  | 3      | 2      | 3      | 3      | 3      | 3      | 2      | 2      | 2      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF PALMER

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 16    | 16    | 16    | 17    | 17    | 17    | 17    | 16    | 15    | 15    | 15    | 15    |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 16    | 16    | 16    | 17    | 17    | 17    | 17    | 16    | 15    | 15    | 15    | 15    |
| Support Construction                       | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     |
| Support Operations                         | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Subtotal Support                           | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     |
| Total Project                              | 20    | 20    | 20    | 21    | 21    | 21    | 21    | 20    | 19    | 19    | 19    | 19    |
| BASELINE PROJECTION                        | 1,700 | 1,762 | 1,824 | 1,890 | 1,958 | 2,028 | 2,101 | 2,177 | 2,255 | 2,336 | 2,419 | 2,507 |
| TOTAL HOUSEHOLDS                           | 1,720 | 1,782 | 1,844 | 1,911 | 1,979 | 2,049 | 2,122 | 2,197 | 2,274 | 2,355 | 2,438 | 2,526 |
| Direct Impact As %<br>Increase Over Basel. | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Basel.  | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF WASILLA

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 18    | 18    | 18    | 19    | 19    | 19    | 19    | 18    | 18    | 17    | 17    | 17    |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 18    | 18    | 18    | 19    | 19    | 19    | 19    | 18    | 18    | 17    | 17    | 17    |
| Support Construction                       | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     |
| Support Operations                         | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Subtotal Support                           | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     |
| Total Project                              | 22    | 22    | 22    | 23    | 23    | 23    | 23    | 22    | 22    | 21    | 21    | 21    |
| BASELINE PROJECTION                        |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL HOUSEHOLDS                           | 2,191 | 2,365 | 2,553 | 2,755 | 2,974 | 3,210 | 3,467 | 3,742 | 4,039 | 4,361 | 4,707 | 5,082 |
|                                            | 2,213 | 2,387 | 2,575 | 2,778 | 2,997 | 3,233 | 3,490 | 3,764 | 4,061 | 4,382 | 4,728 | 5,103 |
| Direct Impact As %<br>Increase Over Basel. | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     |
| Total Influx As %<br>Increase Over Basel.  | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF HOUSTON

|                                              | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|----------------------------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                       |      |      |      |      |      |      |       |       |       |       |       |       |
| Direct Construction                          | 17   | 17   | 17   | 18   | 18   | 18   | 18    | 17    | 17    | 17    | 17    | 17    |
| Direct Operations                            | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                              | 17   | 17   | 17   | 18   | 18   | 18   | 18    | 17    | 17    | 17    | 17    | 17    |
| Support Construction                         | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2     | 2     | 2     | 2     | 2     |
| Support Operations                           | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                             | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2     | 2     | 2     | 2     | 2     |
| Total Project                                | 19   | 19   | 19   | 20   | 20   | 20   | 20    | 19    | 19    | 19    | 19    | 19    |
| BASELINE PROJECTION                          |      |      |      |      |      |      |       |       |       |       |       |       |
| TOTAL HOUSEHOLDS                             | 603  | 664  | 731  | 804  | 885  | 975  | 1,073 | 1,181 | 1,300 | 1,432 | 1,576 | 1,735 |
| Direct Impact As %<br>Increase Over Baseline | 3    | 3    | 2    | 2    | 2    | 2    | 2     | 1     | 1     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Baseline  | 3    | 3    | 3    | 3    | 2    | 2    | 2     | 2     | 2     | 1     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN TALKEETNA

|                                         | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                  |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 22   | 22   | 22   | 23   | 23   | 23   | 23   | 22   | 21   | 21   | 21   | 21   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 22   | 22   | 22   | 23   | 23   | 23   | 23   | 22   | 21   | 21   | 21   | 21   |
| Support Construction                    | 5    | 4    | 5    | 5    | 5    | 5    | 5    | 5    | 4    | 4    | 4    | 4    |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 5    | 4    | 5    | 5    | 5    | 5    | 5    | 5    | 4    | 4    | 4    | 4    |
| Total Project                           | 27   | 26   | 27   | 28   | 28   | 28   | 28   | 27   | 25   | 25   | 25   | 25   |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 185  | 195  | 206  | 217  | 230  | 242  | 255  | 270  | 284  | 300  | 317  | 334  |
| TOTAL HOUSEHOLDS                        | 212  | 221  | 233  | 245  | 258  | 270  | 283  | 297  | 309  | 325  | 342  | 359  |
| Direct Impact As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 12   | 11   | 11   | 11   | 10   | 10   | 9    | 8    | 7    | 7    | 7    | 6    |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 15   | 13   | 13   | 13   | 12   | 12   | 11   | 10   | 9    | 8    | 8    | 8    |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN TRAPPER CREEK

|                                         | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                  |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                     | 23   | 22   | 23   | 23   | 24   | 24   | 24   | 23   | 22   | 22   | 22   | 22   |
| Direct Operations                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                         | 23   | 22   | 23   | 23   | 24   | 24   | 24   | 23   | 22   | 22   | 22   | 22   |
| Support Construction                    | 12   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 11   | 10   | 10   | 10   |
| Support Operations                      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                        | 12   | 11   | 12   | 12   | 12   | 12   | 12   | 12   | 11   | 10   | 10   | 10   |
| Total Project                           | 35   | 33   | 35   | 35   | 36   | 36   | 36   | 35   | 33   | 32   | 32   | 32   |
| BASELINE PROJECTION                     |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 115  | 121  | 126  | 132  | 138  | 145  | 151  | 158  | 165  | 173  | 181  | 189  |
| TOTAL HOUSEHOLDS                        | 150  | 154  | 161  | 167  | 174  | 181  | 187  | 193  | 198  | 205  | 213  | 221  |
| Direct Impact As % Increase Over Basel. |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 20   | 18   | 18   | 17   | 17   | 17   | 16   | 15   | 13   | 13   | 12   | 12   |
| Total Influx As % Increase Over Basel.  |      |      |      |      |      |      |      |      |      |      |      |      |
|                                         | 30   | 27   | 28   | 27   | 26   | 25   | 24   | 22   | 20   | 19   | 18   | 17   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 23    | 23    | 23    | 24    | 25    | 26    | 25    | 23    | 23    | 22    | 22    | 22    |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 23    | 23    | 23    | 24    | 25    | 26    | 25    | 23    | 23    | 22    | 22    | 22    |
| Support Construction                       | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 3     | 3     |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     |
| Subtotal Support                           | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     |
| Total Project                              | 27    | 27    | 27    | 28    | 29    | 30    | 29    | 27    | 27    | 26    | 26    | 26    |
| BASELINE PROJECTION                        |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL HOUSEHOLDS                           | 1,776 | 1,834 | 1,900 | 1,972 | 2,040 | 2,108 | 2,178 | 2,248 | 2,320 | 2,394 | 2,471 | 2,548 |
|                                            | 1,803 | 1,851 | 1,927 | 2,000 | 2,069 | 2,138 | 2,207 | 2,275 | 2,347 | 2,420 | 2,497 | 2,574 |
| Direct Impact As %<br>Increase Over Basel. | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Influx As %<br>Increase Over Basel.  | 2     | 2     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE SUBURBAN AREA OF THE MATANUSKA-SUSITNA BOROUGH

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 49     | 47     | 49     | 50     | 51     | 51     | 51     | 49     | 46     | 46     | 46     | 46     |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 49     | 47     | 49     | 50     | 51     | 51     | 51     | 49     | 46     | 46     | 46     | 46     |
| Support Construction                       | 16     | 16     | 16     | 18     | 19     | 19     | 18     | 17     | 16     | 16     | 16     | 16     |
| Support Operations                         | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 6      | 6      | 6      | 6      |
| Subtotal Support                           | 21     | 21     | 21     | 23     | 24     | 24     | 23     | 22     | 22     | 22     | 22     | 22     |
| Total Project                              | 70     | 68     | 70     | 73     | 75     | 75     | 74     | 71     | 68     | 68     | 68     | 68     |
| BASELINE PROJECTION                        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL HOUSEHOLDS                           | 12,340 | 12,734 | 13,196 | 13,695 | 14,164 | 14,636 | 15,121 | 15,608 | 16,100 | 16,615 | 17,138 | 17,672 |
| Direct Impact As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |

Source: Frank Drth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE RAILSALT PORTION OF THE YUKON-KOYUKUK BOROUGH

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 200   | 196   | 200   | 208   | 212   | 214   | 211   | 200   | 193   | 190   | 190   | 190   |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 200   | 196   | 200   | 208   | 212   | 214   | 211   | 200   | 193   | 190   | 190   | 190   |
| Support Construction                       | 17    | 16    | 17    | 17    | 19    | 19    | 19    | 17    | 16    | 16    | 16    | 16    |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 17    | 16    | 17    | 17    | 19    | 19    | 19    | 17    | 16    | 16    | 16    | 16    |
| Total Project                              | 217   | 212   | 217   | 225   | 231   | 233   | 230   | 217   | 209   | 206   | 206   | 206   |
| BASELINE PROJECTION                        | 868   | 883   | 899   | 915   | 931   | 948   | 965   | 982   | 1,000 | 1,018 | 1,036 | 1,055 |
| TOTAL HOUSEHOLDS                           | 1,085 | 1,095 | 1,116 | 1,140 | 1,162 | 1,181 | 1,195 | 1,199 | 1,209 | 1,224 | 1,242 | 1,261 |
| Direct Impact As %<br>Increase Over Basel. | 23    | 22    | 22    | 23    | 23    | 23    | 22    | 20    | 19    | 19    | 18    | 18    |
| Total Influx As %<br>Increase Over Basel.  | 25    | 24    | 24    | 25    | 25    | 25    | 24    | 22    | 21    | 20    | 20    | 20    |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN CANTWELL

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 35   | 34   | 35   | 36   | 37   | 37   | 36   | 35   | 34   | 33   | 33   | 33   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 35   | 34   | 35   | 36   | 37   | 37   | 36   | 35   | 34   | 33   | 33   | 33   |
| Support Construction                       | 5    | 5    | 5    | 5    | 6    | 6    | 6    | 5    | 5    | 5    | 5    | 5    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 5    | 5    | 5    | 5    | 6    | 6    | 6    | 5    | 5    | 5    | 5    | 5    |
| Total Project                              | 40   | 39   | 40   | 41   | 43   | 43   | 42   | 40   | 39   | 38   | 38   | 38   |
| BASELINE PROJECTION                        | 92   | 93   | 94   | 95   | 96   | 98   | 99   | 100  | 101  | 102  | 104  | 105  |
| TOTAL HOUSEHOLDS                           | 132  | 132  | 134  | 136  | 139  | 141  | 141  | 140  | 140  | 140  | 142  | 143  |
| Direct Impact As %<br>Increase Over Basel. | 38   | 37   | 37   | 38   | 39   | 38   | 36   | 35   | 34   | 32   | 32   | 31   |
| Total Influx As %<br>Increase Over Basel.  | 44   | 42   | 43   | 43   | 45   | 44   | 42   | 40   | 39   | 37   | 37   | 36   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN MCKINLEY PARK

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 78   | 76   | 78   | 81   | 82   | 83   | 82   | 78   | 75   | 73   | 73   | 73   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 78   | 76   | 78   | 81   | 82   | 83   | 82   | 78   | 75   | 73   | 73   | 73   |
| Support Construction                       | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| Total Project                              | 83   | 81   | 83   | 86   | 87   | 88   | 97   | 83   | 80   | 78   | 78   | 78   |
| BASELINE PROJECTION                        | 15   | 16   | 16   | 17   | 17   | 17   | 18   | 19   | 19   | 20   | 20   | 21   |
| TOTAL HOUSEHOLDS                           | 98   | 97   | 99   | 103  | 104  | 105  | 105  | 102  | 99   | 98   | 98   | 99   |
| Direct Impact As %<br>Increase Over Basel. | 520  | 475  | 488  | 477  | 482  | 488  | 456  | 411  | 395  | 365  | 365  | 348  |
| Total Influx As %<br>Increase Over Basel.  | 553  | 506  | 519  | 506  | 512  | 518  | 483  | 437  | 421  | 390  | 390  | 371  |

Source: Frank Urth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE CITY OF NENANA

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 42   | 42   | 42   | 44   | 45   | 46   | 45   | 42   | 41   | 41   | 41   | 41   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 42   | 42   | 42   | 44   | 45   | 46   | 45   | 42   | 41   | 41   | 41   | 41   |
| Support Construction                       | 4    | 3    | 4    | 4    | 4    | 4    | 4    | 4    | 3    | 3    | 3    | 3    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 4    | 3    | 4    | 4    | 4    | 4    | 4    | 4    | 3    | 3    | 3    | 3    |
| Total Project                              | 46   | 45   | 46   | 48   | 49   | 50   | 49   | 46   | 44   | 44   | 44   | 44   |
| BASELINE PROJECTION                        | 232  | 238  | 244  | 251  | 257  | 264  | 270  | 277  | 284  | 292  | 299  | 307  |
| TOTAL HOUSEHOLDS                           | 278  | 283  | 290  | 299  | 306  | 314  | 319  | 323  | 328  | 336  | 343  | 351  |
| Direct Impact As %<br>Increase Over Basel. | 18   | 18   | 17   | 18   | 18   | 17   | 17   | 15   | 14   | 14   | 14   | 13   |
| Total Influx As %<br>Increase Over Basel.  | 20   | 19   | 19   | 19   | 19   | 19   | 18   | 17   | 16   | 15   | 15   | 14   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN HEALY

|                                            | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED IMPACT                     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Construction                        | 45   | 44   | 45   | 47   | 48   | 48   | 48   | 45   | 43   | 43   | 43   | 43   |
| Direct Operations                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Direct                            | 45   | 44   | 45   | 47   | 48   | 48   | 48   | 45   | 43   | 43   | 43   | 43   |
| Support Construction                       | 3    | 3    | 3    | 3    | 3    | 4    | 3    | 3    | 3    | 3    | 3    | 3    |
| Support Operations                         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Subtotal Support                           | 3    | 3    | 3    | 3    | 3    | 4    | 3    | 3    | 3    | 3    | 3    | 3    |
| Total Project                              | 48   | 47   | 48   | 50   | 51   | 52   | 51   | 48   | 46   | 46   | 46   | 46   |
| BASELINE PROJECTION                        | 158  | 163  | 167  | 172  | 177  | 182  | 188  | 193  | 199  | 205  | 211  | 218  |
| TOTAL HOUSEHOLDS                           | 206  | 210  | 215  | 222  | 228  | 234  | 239  | 241  | 245  | 251  | 257  | 264  |
| Direct Impact As %<br>Increase Over Basel. | 29   | 27   | 27   | 27   | 27   | 26   | 26   | 23   | 22   | 21   | 20   | 20   |
| Total Influx As %<br>Increase Over Basel.  | 30   | 29   | 29   | 29   | 29   | 29   | 27   | 25   | 23   | 22   | 22   | 21   |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE MUNICIPALITY OF ANCHORAGE

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | -133   | -81    | -134   | -192   | -230   | -237   | -225   | -154   | -24    | 1      | 1      | 1      |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | -133   | -81    | -134   | -192   | -230   | -237   | -225   | -154   | -24    | 1      | 1      | 1      |
| Support Construction                       | 437    | 422    | 436    | 460    | 479    | 483    | 473    | 441    | 407    | 400    | 400    | 400    |
| Support Operations                         | 177    | 177    | 177    | 190    | 190    | 190    | 190    | 190    | 223    | 223    | 223    | 223    |
| Subtotal Support                           | 614    | 599    | 613    | 650    | 669    | 673    | 663    | 631    | 630    | 623    | 623    | 623    |
| Total Project                              | 481    | 518    | 479    | 458    | 439    | 436    | 438    | 477    | 606    | 624    | 624    | 624    |
| BASELINE PROJECTION                        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL HOUSEHOLDS                           | 82,490 | 82,406 | 82,650 | 83,060 | 83,356 | 83,634 | 83,978 | 84,334 | 84,724 | 85,240 | 85,773 | 86,359 |
|                                            | 82,971 | 82,924 | 83,129 | 83,518 | 83,795 | 84,070 | 84,416 | 84,811 | 85,330 | 85,864 | 86,397 | 86,983 |
| Direct Impact As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE FAIRBANKS-NORTH STAR BOROUGH

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <hr/>                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED IMPACT                     | <hr/>  |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 46     | 42     | 45     | 50     | 54     | 54     | 53     | 44     | 39     | 37     | 37     | 37     |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 46     | 42     | 45     | 50     | 54     | 54     | 53     | 44     | 39     | 37     | 37     | 37     |
| Support Construction                       | 92     | 89     | 92     | 97     | 101    | 102    | 101    | 94     | 86     | 85     | 85     | 85     |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 92     | 89     | 92     | 97     | 101    | 102    | 101    | 94     | 86     | 85     | 85     | 85     |
| Total Project                              | 138    | 131    | 137    | 147    | 155    | 156    | 154    | 138    | 125    | 122    | 122    | 122    |
| <hr/>                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE PROJECTION                        | 28,110 | 28,270 | 28,565 | 28,912 | 29,201 | 29,500 | 29,853 | 30,221 | 30,603 | 30,993 | 31,401 | 31,847 |
| TOTAL HOUSEHOLDS                           | 28,248 | 28,401 | 28,702 | 29,059 | 29,356 | 29,656 | 30,007 | 30,359 | 30,728 | 31,115 | 31,523 | 31,969 |
| <hr/>                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Impact As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN MUNICIPALITY OF FAIRBANKS

|                                         | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|-----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                  |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                     | 46     | 42     | 45     | 50     | 54     | 54     | 53     | 44     | 39     | 37     | 37     | 37     |
| Direct Operations                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                         | 46     | 42     | 45     | 50     | 54     | 54     | 53     | 44     | 39     | 37     | 37     | 37     |
| Support Construction                    | 48     | 47     | 48     | 50     | 53     | 54     | 54     | 49     | 45     | 43     | 43     | 43     |
| Support Operations                      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                        | 48     | 47     | 48     | 50     | 53     | 54     | 54     | 49     | 45     | 43     | 43     | 43     |
| Total Project                           | 94     | 89     | 93     | 100    | 107    | 108    | 107    | 93     | 84     | 80     | 80     | 80     |
| BASELINE PROJECTION                     |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 15,189 | 15,427 | 15,737 | 16,081 | 16,404 | 16,733 | 17,096 | 17,481 | 17,874 | 18,275 | 18,702 | 19,153 |
| TOTAL HOUSEHOLDS                        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 15,283 | 15,516 | 15,830 | 16,181 | 16,511 | 16,841 | 17,203 | 17,574 | 17,958 | 18,355 | 18,782 | 19,233 |
| Direct Impact As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |        |        |
|                                         | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE SOUTHEAST FAIRBANKS BOROUGH

|                                         | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                     | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| Direct Operations                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                         | 1     | 1     | 1     | 1     | 2     | 2     | 2     | 1     | 0     | 0     | 0     | 0     |
| Support Construction                    | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Support Operations                      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                        | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| Total Project                           | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 1     | 1     | 1     | 1     |
| BASELINE PROJECTION                     |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 2,797 | 2,813 | 2,843 | 2,877 | 2,905 | 2,935 | 2,970 | 3,007 | 3,045 | 3,084 | 3,125 | 3,169 |
| TOTAL HOUSEHOLDS                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 2,799 | 2,815 | 2,845 | 2,879 | 2,908 | 2,938 | 2,973 | 3,009 | 3,046 | 3,085 | 3,126 | 3,170 |
| Direct Impact As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1993.

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IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE KENAI-COOK INLET CENSUS DIVISION

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | -26    | -16    | -27    | -38    | -46    | -47    | -45    | -31    | -5     | 0      | 0      | 0      |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | -26    | -16    | -27    | -38    | -46    | -47    | -45    | -31    | -5     | 0      | 0      | 0      |
| Support Construction                       | 35     | 33     | 35     | 36     | 37     | 38     | 37     | 35     | 33     | 32     | 32     | 32     |
| Support Operations                         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Support                           | 35     | 33     | 35     | 36     | 37     | 38     | 37     | 35     | 33     | 32     | 32     | 32     |
| Total Project                              | 9      | 17     | 8      | -2     | -9     | -9     | -8     | 4      | 28     | 32     | 32     | 32     |
| BASELINE PROJECTION                        | 13,384 | 13,688 | 14,058 | 14,466 | 14,859 | 15,259 | 15,685 | 16,125 | 16,582 | 17,064 | 17,575 | 18,111 |
| TOTAL HOUSEHOLDS                           | 13,393 | 13,705 | 14,066 | 14,464 | 14,850 | 15,250 | 15,677 | 16,129 | 16,610 | 17,096 | 17,607 | 18,143 |
| Direct Impact As %<br>Increase Over Basel. | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Total Influx As %<br>Increase Over Basel.  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE SEWARD CENSUS DIVISION

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Construction                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Project                              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| BASELINE PROJECTION                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                            | 1,378 | 1,392 | 1,412 | 1,435 | 1,456 | 1,477 | 1,500 | 1,524 | 1,549 | 1,575 | 1,604 | 1,634 |
| TOTAL HOUSEHOLDS                           |       |       |       |       |       |       |       |       |       |       |       |       |
|                                            | 1,378 | 1,392 | 1,412 | 1,435 | 1,456 | 1,477 | 1,500 | 1,524 | 1,549 | 1,575 | 1,604 | 1,634 |
| Direct Impact As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE VALDEZ-CHITINA-WHITTIER DIVISION

|                                            | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED IMPACT                     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Construction                        | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 0     | 0     | 0     | 0     |
| Direct Operations                          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Direct                            | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 0     | 0     | 0     | 0     |
| Support Construction                       | 13    | 12    | 13    | 14    | 14    | 15    | 15    | 13    | 12    | 12    | 12    | 12    |
| Support Operations                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Subtotal Support                           | 13    | 12    | 13    | 14    | 14    | 15    | 15    | 13    | 12    | 12    | 12    | 12    |
| Total Project                              | 15    | 14    | 15    | 16    | 17    | 18    | 18    | 15    | 12    | 12    | 12    | 12    |
| BASELINE PROJECTION                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                            | 4,774 | 4,888 | 5,007 | 5,137 | 5,277 | 5,414 | 5,557 | 5,701 | 5,848 | 6,001 | 6,158 | 6,319 |
| TOTAL HOUSEHOLDS                           |       |       |       |       |       |       |       |       |       |       |       |       |
|                                            | 4,789 | 4,902 | 5,022 | 5,153 | 5,294 | 5,432 | 5,575 | 5,716 | 5,860 | 6,013 | 6,170 | 6,331 |
| Direct Impact As %<br>Increase Over Basel. | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total Influx As %<br>Increase Over Basel.  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE LOCAL IMPACT AREA

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 512    | 450    | 515    | 588    | 595    | 598    | 594    | 574    | 381    | 350    | 350    | 350    |
| Direct Operations                          | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 145    | 170    | 170    | 170    | 170    |
| Subtotal Direct                            | 657    | 595    | 660    | 733    | 740    | 743    | 739    | 719    | 551    | 520    | 520    | 520    |
| Support Construction                       | 79     | 76     | 79     | 81     | 85     | 86     | 84     | 80     | 74     | 72     | 72     | 72     |
| Support Operations                         | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 9      | 9      | 9      | 9      |
| Subtotal Support                           | 86     | 83     | 86     | 88     | 92     | 93     | 91     | 87     | 83     | 81     | 81     | 81     |
| Total Project                              | 743    | 678    | 746    | 821    | 832    | 836    | 830    | 806    | 634    | 601    | 601    | 601    |
| BASELINE PROJECTION                        | 19,789 | 20,561 | 21,441 | 22,383 | 23,317 | 24,284 | 25,307 | 26,358 | 27,454 | 28,617 | 29,843 | 31,121 |
| TOTAL HOUSEHOLDS                           | 20,532 | 21,239 | 22,187 | 23,204 | 24,149 | 25,120 | 26,137 | 27,164 | 28,088 | 29,218 | 30,444 | 31,722 |
| Direct Impact As %<br>Increase Over Basel. | 3      | 3      | 3      | 3      | 3      | 3      | 3      | 3      | 2      | 2      | 2      | 2      |
| Total Influx As %<br>Increase Over Basel.  | 4      | 3      | 4      | 4      | 4      | 3      | 3      | 3      | 2      | 2      | 2      | 2      |

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE RAILBELT REGION

**NOT REPORTED AT THIS TIME**

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN THE STATE OF ALASKA

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PAGE: 110

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PAGE: 111

IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS  
IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                            | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED IMPACT                     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Construction                        | 168    | 165    | 168    | 174    | 177    | 178    | 177    | 168    | 162    | 160    | 160    | 160    |
| Direct Operations                          | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Subtotal Direct                            | 168    | 165    | 168    | 174    | 177    | 178    | 177    | 168    | 162    | 160    | 160    | 160    |
| Support Construction                       | 45     | 43     | 45     | 47     | 48     | 48     | 47     | 46     | 42     | 41     | 41     | 41     |
| Support Operations                         | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 9      | 9      | 9      | 9      |
| Subtotal Support                           | 52     | 50     | 52     | 54     | 55     | 55     | 54     | 53     | 51     | 50     | 50     | 50     |
| Total Project                              | 220    | 215    | 220    | 228    | 232    | 233    | 231    | 221    | 213    | 210    | 210    | 210    |
| BASELINE PROJECTION                        | 18,921 | 19,678 | 20,542 | 21,468 | 22,386 | 23,336 | 24,342 | 25,376 | 26,454 | 27,599 | 28,807 | 30,066 |
| TOTAL HOUSEHOLDS                           | 19,141 | 19,893 | 20,762 | 21,696 | 22,618 | 23,569 | 24,573 | 25,597 | 26,667 | 27,809 | 29,017 | 30,276 |
| Direct Impact As %<br>Increase Over Basel. | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| Total Influx As %<br>Increase Over Basel.  | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 112  
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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE MATANUSKA-SUSITNA BOROUGH

|                                                      | 1981  | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         |       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 0     | 0      | 0      | 0      | 70     | 105    | 472    | 522    | 548    | 610    | 605    | 590    | 519    |
|                                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 6,810 | 8,664  | 9,611  | 10,362 | 11,186 | 12,005 | 12,700 | 13,387 | 14,301 | 15,375 | 16,078 | 17,220 | 18,103 |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds                                 | 6,810 | 8,664  | 9,611  | 10,362 | 11,256 | 12,110 | 13,172 | 13,909 | 14,849 | 15,985 | 16,683 | 17,810 | 18,622 |
|                                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 8,582 | 12,013 | 13,404 | 14,148 | 15,048 | 15,960 | 16,725 | 17,478 | 18,484 | 19,674 | 20,435 | 21,789 | 22,826 |
| =====                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 1,772 | 3,349  | 3,793  | 3,786  | 3,792  | 3,850  | 3,553  | 3,569  | 3,635  | 3,689  | 3,752  | 3,979  | 4,204  |
|                                                      |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     |       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 21    | 28     | 28     | 27     | 25     | 24     | 21     | 20     | 20     | 19     | 18     | 18     | 18     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF PALMER

|                              | 1981  | 1982 | 1983 | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND | ----- |      |      |       |       |       |       |       |       |       |       |       |       |
| Total Project                | 0     | 0    | 0    | 0     | 6     | 10    | 11    | 14    | 18    | 23    | 23    | 21    | 20    |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND              |       |      |      |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Baseline Households          | 783   | 817  | 944  | 1,007 | 1,073 | 1,143 | 1,219 | 1,299 | 1,385 | 1,476 | 1,529 | 1,584 | 1,641 |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND    |       |      |      |       |       |       |       |       |       |       |       |       |       |
| BASELINE HOUSING DEMAND      |       |      |      |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Pro. + Baseline Households   | 783   | 817  | 944  | 1,007 | 1,079 | 1,153 | 1,230 | 1,313 | 1,403 | 1,499 | 1,552 | 1,605 | 1,661 |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY              |       |      |      |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units          | 872   | 883  | 970  | 1,035 | 1,103 | 1,175 | 1,253 | 1,335 | 1,423 | 1,517 | 1,571 | 1,628 | 1,687 |
| =====                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND              |       |      |      |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units            | 89    | 66   | 26   | 28    | 24    | 22    | 23    | 22    | 20    | 18    | 19    | 23    | 26    |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of       |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Baseline Housing Units       |       |      |      |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |      |      |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                | 10    | 8    | 3    | 3     | 2     | 2     | 2     | 2     | 1     | 1     | 1     | 1     | 2     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF WASILLA

|                                                      | 1981  | 1982 | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |      |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 0     | 0    | 0     | 0     | 7     | 11    | 12    | 17    | 19    | 26    | 26    | 24    | 22    |
| -----                                                |       |      |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |      |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 670   | 792  | 947   | 1,022 | 1,102 | 1,190 | 1,284 | 1,386 | 1,496 | 1,615 | 1,743 | 1,881 | 2,030 |
| -----                                                |       |      |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Baseline Households                           | 670   | 792  | 947   | 1,022 | 1,109 | 1,201 | 1,296 | 1,403 | 1,515 | 1,641 | 1,769 | 1,905 | 2,052 |
| -----                                                |       |      |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |      |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 718   | 896  | 1,166 | 1,167 | 1,258 | 1,358 | 1,466 | 1,582 | 1,708 | 1,844 | 1,990 | 2,147 | 2,317 |
| -----                                                |       |      |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |      |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 48    | 104  | 219   | 145   | 149   | 157   | 170   | 179   | 193   | 203   | 221   | 242   | 265   |
| -----                                                |       |      |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 7     | 12   | 19    | 12    | 12    | 12    | 12    | 11    | 11    | 11    | 11    | 11    | 11    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF HOUSTON

|                              | 1981  | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                | 0     | 0    | 0    | 0    | 7    | 9    | 11   | 15   | 17   | 23   | 22   | 21   | 20   |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND              |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households          | 207   | 207  | 210  | 231  | 254  | 280  | 308  | 339  | 373  | 411  | 452  | 498  | 548  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND    |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE HOUSING DEMAND      |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Baseline Hseholds     | 207   | 207  | 210  | 231  | 261  | 289  | 319  | 354  | 390  | 434  | 474  | 519  | 568  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY              |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units          | 229   | 229  | 301  | 301  | 317  | 350  | 385  | 423  | 466  | 513  | 564  | 622  | 684  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| *****                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND              |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units            | 22    | 22   | 91   | 70   | 56   | 61   | 66   | 69   | 76   | 79   | 90   | 103  | 116  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of       |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Housing Units       |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                | 10    | 10   | 30   | 23   | 18   | 17   | 17   | 16   | 16   | 15   | 16   | 17   | 17   |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN TALKEETNA

|                                                      | 1981  | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 0     | 0    | 0    | 0    | 9    | 13   | 15   | 22   | 26   | 32   | 32   | 30   | 28   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 89    | 89   | 103  | 108  | 114  | 121  | 127  | 134  | 142  | 149  | 158  | 166  | 175  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehds                                 | 89    | 89   | 103  | 108  | 123  | 134  | 142  | 156  | 168  | 181  | 190  | 196  | 203  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 107   | 126  | 140  | 140  | 140  | 140  | 146  | 154  | 162  | 170  | 180  | 188  | 198  |
| =====                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 18    | 37   | 37   | 32   | 17   | 6    | 4    | -2   | -6   | -11  | -10  | -8   | -5   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | 17    | 29   | 26   | 23   | 12   | 4    | 3    | -1   | -4   | -7   | -6   | -4   | -3   |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN TRAPPER CREEK

|                                                      | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| TOTAL PROJECT-RELATED DEMAND                         |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 0    | 0    | 0    | 0    | 10   | 17   | 19   | 29   | 33   | 43   | 41   | 39   | 35   |
| BASELINE DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 68   | 68   | 71   | 74   | 78   | 81   | 85   | 88   | 92   | 97   | 101  | 106  | 111  |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehds                                 | 68   | 68   | 71   | 74   | 88   | 98   | 104  | 117  | 125  | 140  | 142  | 145  | 146  |
| BASELINE SUPPLY                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 69   | 69   | 80   | 83   | 87   | 91   | 95   | 98   | 102  | 107  | 112  | 117  | 122  |
| =====                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 1    | 1    | 9    | 9    | -1   | -7   | -9   | -19  | -23  | -33  | -30  | -28  | -24  |
| Vacant Units As A % Of<br>Baseline Housing Units     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | 1    | 1    | 11   | 11   | -1   | -8   | -10  | -19  | -23  | -31  | -27  | -24  | -20  |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                                      | 1981 | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TOTAL PROJECT-RELATED DEMAND                         |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 0    | 0     | 0     | 0     | 9     | 13    | 15    | 22    | 26    | 33    | 33    | 31    | 28    |
| BASELINE DEMAND                                      |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 468  | 935   | 930   | 993   | 1,074 | 1,153 | 1,215 | 1,274 | 1,358 | 1,461 | 1,520 | 1,633 | 1,709 |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Baseline Households                           | 468  | 935   | 930   | 993   | 1,083 | 1,166 | 1,230 | 1,296 | 1,384 | 1,494 | 1,553 | 1,664 | 1,737 |
| BASELINE SUPPLY                                      |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 566  | 1,985 | 1,969 | 1,969 | 1,969 | 1,969 | 1,969 | 1,969 | 1,969 | 1,969 | 1,969 | 2,064 | 2,152 |
| =====                                                |      |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 93   | 1,050 | 1,039 | 976   | 886   | 803   | 739   | 673   | 585   | 475   | 416   | 400   | 415   |
| Vacant Units As A % Of<br>Baseline Housing Units     |      |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 17   | 53    | 53    | 50    | 45    | 41    | 38    | 34    | 30    | 24    | 21    | 19    | 19    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                                      | 1981  | 1982  | 1983  | 1984  | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 0     | 0     | 0     | 0     | 23     | 33     | 39     | 53     | 60     | 80     | 78     | 74     | 71     |
|                                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 4,420 | 5,667 | 6,402 | 6,910 | 7,468  | 8,016  | 8,444  | 8,854  | 9,440  | 10,152 | 10,565 | 11,342 | 11,875 |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
|                                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds                                 | 4,420 | 5,667 | 6,402 | 6,910 | 7,491  | 8,049  | 8,483  | 8,907  | 9,500  | 10,232 | 10,643 | 11,416 | 11,946 |
|                                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 5,925 | 7,825 | 8,789 | 9,453 | 10,174 | 10,877 | 11,411 | 11,917 | 12,654 | 13,554 | 14,049 | 15,023 | 15,666 |
| =====                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
|                                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 1,505 | 2,158 | 2,387 | 2,543 | 2,683  | 2,828  | 2,928  | 3,010  | 3,154  | 3,322  | 3,406  | 3,607  | 3,720  |
|                                                      |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     |       |       |       |       |        |        |        |        |        |        |        |        |        |
| -----                                                |       |       |       |       |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 25    | 28    | 27    | 27    | 26     | 26     | 26     | 25     | 25     | 25     | 24     | 24     | 24     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

|                                                      | 1981  | 1982 | 1983 | 1984 | 1985 | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------------------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |      |      |      |      |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |       |       |       |       |       |       |       |       |
| Total Project                                        | 0     | 0    | 0    | 0    | 81   | 125   | 131   | 171   | 197   | 268   | 262   | 244   | 226   |
| -----                                                |       |      |      |      |      |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |      |      |      |      |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 698   | 704  | 716  | 728  | 741  | 754   | 768   | 781   | 795   | 809   | 823   | 838   | 853   |
| -----                                                |       |      |      |      |      |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds                                 | 698   | 704  | 716  | 728  | 822  | 879   | 899   | 952   | 992   | 1,077 | 1,085 | 1,082 | 1,079 |
| -----                                                |       |      |      |      |      |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 927   | 935  | 951  | 967  | 984  | 1,001 | 1,020 | 1,037 | 1,056 | 1,074 | 1,093 | 1,113 | 1,133 |
| =====                                                |       |      |      |      |      |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 229   | 231  | 235  | 239  | 162  | 122   | 121   | 85    | 64    | -3    | 8     | 31    | 54    |
| -----                                                |       |      |      |      |      |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 25    | 25   | 25   | 25   | 17   | 12    | 12    | 8     | 6     | 0     | 1     | 3     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN CANTWELL

|                                                      | 1981  | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 0     | 0    | 0    | 0    | 22   | 33   | 25   | 32   | 36   | 50   | 48   | 45   | 41   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 68    | 68   | 81   | 82   | 83   | 84   | 85   | 86   | 87   | 88   | 89   | 90   | 91   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehds                                 | 68    | 68   | 81   | 82   | 105  | 117  | 110  | 118  | 123  | 138  | 137  | 135  | 132  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 96    | 97   | 126  | 127  | 127  | 128  | 129  | 130  | 130  | 131  | 132  | 133  | 133  |
| =====                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 28    | 29   | 45   | 45   | 22   | 11   | 19   | 12   | 7    | -7   | -5   | -2   | 1    |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | 29    | 30   | 36   | 35   | 17   | 9    | 15   | 9    | 5    | -5   | -4   | -2   | 1    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Urth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN HEALY

|                                                      | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 0    | 0    | 0    | 0    | 17   | 26   | 29   | 37   | 44   | 59   | 58   | 53   | 50   |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 109  | 112  | 115  | 118  | 122  | 125  | 129  | 133  | 137  | 141  | 145  | 149  | 153  |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehds                                 | 109  | 112  | 115  | 118  | 139  | 151  | 158  | 170  | 181  | 200  | 203  | 202  | 203  |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 145  | 149  | 153  | 157  | 162  | 166  | 171  | 177  | 182  | 187  | 193  | 198  | 203  |
| =====                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 36   | 37   | 38   | 39   | 23   | 15   | 13   | 7    | 1    | -13  | -10  | -4   | 0    |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | 25   | 25   | 25   | 25   | 14   | 9    | 8    | 4    | 1    | -7   | -5   | -2   | 0    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF NENANA

|                              | 1981  | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                | 0     | 0    | 0    | 0    | 15   | 24   | 27   | 36   | 42   | 57   | 56   | 52   | 49   |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND              |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households          | 168   | 172  | 176  | 180  | 185  | 190  | 195  | 200  | 205  | 210  | 215  | 221  | 226  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND    |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE HOUSING DEMAND      |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehds         | 168   | 172  | 176  | 180  | 200  | 214  | 222  | 236  | 247  | 267  | 271  | 273  | 275  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY              |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units          | 223   | 228  | 234  | 239  | 246  | 252  | 259  | 266  | 272  | 279  | 286  | 293  | 300  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| *****                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND              |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units            | 55    | 56   | 58   | 59   | 46   | 38   | 37   | 30   | 25   | 12   | 15   | 20   | 25   |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of       |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Housing Units       |       |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                | 25    | 25   | 25   | 25   | 19   | 15   | 14   | 11   | 9    | 4    | 5    | 7    | 8    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN MCKINLEY PARK

|                                                      | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 0    | 0    | 0    | 0    | 28   | 43   | 49   | 66   | 75   | 102  | 100  | 93   | 86   |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 10   | 11   | 11   | 12   | 12   | 12   | 12   | 13   | 13   | 14   | 14   | 14   | 15   |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehd                                  | 10   | 11   | 11   | 12   | 40   | 55   | 61   | 79   | 88   | 116  | 114  | 107  | 101  |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 13   | 15   | 15   | 16   | 16   | 16   | 16   | 17   | 17   | 19   | 19   | 19   | 20   |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| *****                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 3    | 4    | 4    | 4    | -24  | -39  | -45  | -62  | -71  | -97  | -95  | -88  | -81  |
|                                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate%                                        | 23   | 27   | 27   | 25   | -150 | -244 | -281 | -365 | -418 | -511 | -500 | -463 | -405 |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE MUNICIPALITY OF ANCHORAGE

|                                                      | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 0      | 0      | 0      | 0      | 85     | 71     | -38    | 32     | 49     | 120    | 125    | 158    | 331    |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 60,137 | 66,002 | 68,578 | 70,352 | 72,331 | 74,043 | 74,783 | 75,339 | 76,987 | 79,232 | 79,383 | 81,512 | 82,183 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehd                                  | 60,137 | 66,002 | 68,578 | 70,352 | 72,416 | 74,114 | 74,745 | 75,371 | 77,036 | 79,352 | 79,508 | 81,670 | 82,514 |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 69,890 | 71,354 | 74,138 | 76,056 | 78,196 | 80,046 | 80,846 | 81,448 | 83,229 | 85,656 | 85,819 | 88,121 | 88,846 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 9,753  | 5,352  | 5,560  | 5,704  | 5,780  | 5,932  | 6,101  | 6,077  | 6,193  | 6,304  | 6,311  | 6,451  | 6,332  |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 14     | 8      | 8      | 8      | 7      | 7      | 8      | 8      | 7      | 7      | 7      | 7      | 7      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE FAIRBANKS-NORTH STAR BOROUGH

|                              | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                | 0      | 0      | 0      | 0      | 78     | 92     | 99     | 133    | 150    | 194    | 190    | 173    | 149    |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households          | 19,407 | 21,752 | 22,200 | 22,777 | 23,347 | 23,908 | 24,422 | 24,701 | 25,198 | 26,033 | 26,307 | 26,744 | 27,423 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE HOUSING DEMAND      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds         | 19,407 | 21,752 | 22,200 | 22,777 | 23,425 | 24,000 | 24,521 | 24,834 | 25,348 | 26,227 | 26,497 | 26,917 | 27,572 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units          | 22,708 | 22,897 | 23,368 | 23,976 | 24,576 | 25,166 | 25,707 | 26,001 | 26,524 | 27,403 | 27,692 | 28,152 | 28,866 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| *****                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units            | 3,301  | 1,145  | 1,168  | 1,199  | 1,151  | 1,166  | 1,186  | 1,167  | 1,176  | 1,176  | 1,195  | 1,235  | 1,294  |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Housing Units       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate%                | 15     | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 4      | 4      | 4      | 4      | 5      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.



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PAGE: 127  
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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE MUNICIPALITY OF FAIRBANKS

|                                                      | 1981  | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 0     | 0      | 0      | 0      | 60     | 70     | 68     | 93     | 106    | 136    | 133    | 120    | 101    |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      | ----- |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 9,124 | 10,481 | 10,801 | 11,186 | 11,575 | 11,968 | 12,340 | 12,599 | 12,979 | 13,537 | 13,811 | 14,177 | 14,678 |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds                                 | 9,124 | 10,481 | 10,801 | 11,186 | 11,635 | 12,038 | 12,408 | 12,692 | 13,085 | 13,673 | 13,944 | 14,297 | 14,779 |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      | ----- |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 9,124 | 11,319 | 11,664 | 12,080 | 12,500 | 12,924 | 13,326 | 13,606 | 14,016 | 14,619 | 14,915 | 15,310 | 15,851 |
| =====                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      | ----- |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 0     | 838    | 863    | 894    | 865    | 886    | 918    | 914    | 931    | 946    | 971    | 1,013  | 1,072  |
| -----                                                |       |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 0     | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 128  
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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE KENAI-COOK INLET CENSUS DIVISION

|                              | 1981  | 1982  | 1983  | 1984  | 1985  | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND | ----- |       |       |       |       |        |        |        |        |        |        |        |        |
| Total Project                | 0     | 0     | 0     | 0     | -5    | -13    | -41    | -43    | -45    | -44    | -42    | -30    | -6     |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| BASELINE DEMAND              |       |       |       |       |       |        |        |        |        |        |        |        |        |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Baseline Households          | 7,995 | 8,203 | 8,513 | 8,953 | 9,438 | 9,905  | 10,250 | 10,584 | 11,079 | 11,683 | 11,988 | 12,610 | 13,023 |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND    |       |       |       |       |       |        |        |        |        |        |        |        |        |
| BASELINE HOUSING DEMAND      |       |       |       |       |       |        |        |        |        |        |        |        |        |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds         | 7,995 | 8,203 | 8,513 | 8,953 | 9,433 | 9,892  | 10,209 | 10,541 | 11,034 | 11,639 | 11,946 | 12,580 | 13,017 |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY              |       |       |       |       |       |        |        |        |        |        |        |        |        |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Baseline Hse. Units          | 8,416 | 8,635 | 8,961 | 9,424 | 9,935 | 10,426 | 10,789 | 11,141 | 11,662 | 12,298 | 12,619 | 13,274 | 13,708 |
| =====                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND              |       |       |       |       |       |        |        |        |        |        |        |        |        |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Vacant Hse. Units            | 421   | 432   | 448   | 471   | 502   | 534    | 580    | 600    | 628    | 659    | 673    | 694    | 691    |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Baseline Housing Units       |       |       |       |       |       |        |        |        |        |        |        |        |        |
| -----                        |       |       |       |       |       |        |        |        |        |        |        |        |        |
| Vacancy Rate*                | 5     | 5     | 5     | 5     | 5     | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 129  
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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE SEWARD CENSUS DIVISION

|                                                      | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 0     | 0     | 0     | 0     | 0     | -1    | -2    | -2    | -2    | -2    | -2    | -2    | -1    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 970   | 999   | 1,022 | 1,058 | 1,100 | 1,137 | 1,160 | 1,182 | 1,220 | 1,269 | 1,284 | 1,333 | 1,359 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehd's                                | 970   | 999   | 1,022 | 1,058 | 1,100 | 1,136 | 1,158 | 1,180 | 1,218 | 1,267 | 1,282 | 1,331 | 1,358 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 1,021 | 1,052 | 1,076 | 1,114 | 1,158 | 1,197 | 1,221 | 1,244 | 1,284 | 1,336 | 1,352 | 1,403 | 1,431 |
| =====                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 51    | 53    | 54    | 56    | 58    | 61    | 63    | 64    | 66    | 69    | 70    | 72    | 73    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE SOUTHEAST FAIRBANKS BOROUGH

|                              | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                | 0     | 0     | 0     | 0     | 2     | 2     | 4     | 5     | 6     | 7     | 7     | 5     | 3     |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households          | 1,857 | 2,165 | 2,209 | 2,266 | 2,323 | 2,379 | 2,430 | 2,458 | 2,507 | 2,590 | 2,618 | 2,661 | 2,729 |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND    |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE HOUSING DEMAND      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds         | 1,857 | 2,165 | 2,209 | 2,266 | 2,325 | 2,381 | 2,434 | 2,463 | 2,513 | 2,597 | 2,625 | 2,666 | 2,732 |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units          | 2,450 | 2,279 | 2,325 | 2,385 | 2,445 | 2,504 | 2,558 | 2,587 | 2,639 | 2,726 | 2,756 | 2,801 | 2,873 |
| =====                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units            | 593   | 114   | 116   | 119   | 120   | 123   | 124   | 124   | 126   | 129   | 131   | 135   | 141   |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Housing Units       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                | 24    | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT-  
05/03/84 AT 22:08:53

PAGE: 131  
USER = RLH

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

|                                                      | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 0     | 0     | 0     | 0     | 9     | 12    | 13    | 17    | 20    | 24    | 23    | 21    | 16    |
|                                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 2,689 | 2,984 | 3,925 | 4,019 | 4,096 | 3,815 | 4,061 | 4,244 | 4,310 | 4,371 | 4,440 | 4,557 | 4,669 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds                                 | 2,689 | 2,984 | 3,925 | 4,019 | 4,105 | 3,827 | 4,074 | 4,261 | 4,330 | 4,395 | 4,463 | 4,578 | 4,685 |
|                                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 2,831 | 4,145 | 4,145 | 4,231 | 4,312 | 4,145 | 4,275 | 4,467 | 4,537 | 4,601 | 4,674 | 4,797 | 4,915 |
| =====                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 142   | 1,161 | 220   | 212   | 207   | 318   | 201   | 206   | 207   | 206   | 211   | 219   | 230   |
|                                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     |       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate%                                        | 5     | 28    | 5     | 5     | 5     | 8     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

PAGE: 132  
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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE RAILBELT REGION

NOT REPORTED AT THIS TIME

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE STATE OF ALASKA

USER = SUS  
PAGE: 133

NOT REPORTED AT THIS TIME

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05/03/84 AT 22:09:04

PAGE: 134  
USER = RLM

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                              | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                | 0      | 0      | 0      | 0      | 71     | 106    | 122    | 172    | 199    | 260    | 255    | 240    | 224    |
|                              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households          | 6,831  | 6,668  | 9,616  | 10,362 | 11,186 | 12,005 | 12,700 | 13,387 | 14,301 | 15,375 | 16,078 | 17,220 | 18,103 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE HOUSING DEMAND      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds         | 6,831  | 8,668  | 9,616  | 10,362 | 11,257 | 12,111 | 12,822 | 13,559 | 14,500 | 15,635 | 16,333 | 17,460 | 18,327 |
|                              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units          | 0      | 12,013 | 13,404 | 14,148 | 15,048 | 15,960 | 16,725 | 17,478 | 18,484 | 19,674 | 20,435 | 21,789 | 22,826 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| *****                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units            | -6,831 | 3,345  | 3,788  | 3,786  | 3,791  | 3,849  | 3,903  | 3,919  | 3,984  | 4,039  | 4,102  | 4,329  | 4,499  |
|                              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Housing Units       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                | 0      | 28     | 28     | 27     | 25     | 24     | 23     | 22     | 22     | 21     | 20     | 20     | 20     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.



ECON/HSEIMPTV/DEVILH/8CONRPT4  
05/03/84 AT 22:09:15

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PAGE: 135

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE MATANUSKA-SUSITNA BOROUGH

|                                                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 508    | 449    | 511    | 578    | 582    | 583    | 582    | 571    | 408    | 379    | 379    | 379    |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 18,921 | 19,678 | 20,542 | 21,468 | 22,386 | 23,336 | 24,342 | 25,376 | 26,454 | 27,599 | 28,807 | 30,066 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds                                 | 19,429 | 20,127 | 21,053 | 22,046 | 22,968 | 23,919 | 24,924 | 25,947 | 26,862 | 27,978 | 29,186 | 30,445 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 23,779 | 24,653 | 25,641 | 26,710 | 27,762 | 28,847 | 29,985 | 31,158 | 32,377 | 33,671 | 35,020 | 36,436 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 4,350  | 4,526  | 4,588  | 4,664  | 4,794  | 4,928  | 5,061  | 5,211  | 5,515  | 5,693  | 5,834  | 5,991  |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 18     | 18     | 18     | 18     | 17     | 17     | 17     | 17     | 17     | 17     | 17     | 16     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1993.

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PAGE: 136

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF PALMER

|                                                      | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 20    | 20    | 20    | 21    | 21    | 21    | 21    | 20    | 19    | 19    | 19    | 19    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 1,700 | 1,762 | 1,824 | 1,890 | 1,958 | 2,028 | 2,101 | 2,177 | 2,255 | 2,336 | 2,419 | 2,507 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds                                 | 1,720 | 1,782 | 1,844 | 1,911 | 1,979 | 2,049 | 2,122 | 2,197 | 2,274 | 2,355 | 2,438 | 2,526 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 1,747 | 1,811 | 1,875 | 1,942 | 2,012 | 2,084 | 2,159 | 2,237 | 2,318 | 2,401 | 2,486 | 2,577 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| *****                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 27    | 29    | 31    | 31    | 33    | 35    | 37    | 40    | 44    | 46    | 48    | 51    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF WASHILLA

|                                                      | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 22    | 22    | 22    | 23    | 23    | 23    | 23    | 22    | 22    | 21    | 21    | 21    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 2,191 | 2,365 | 2,553 | 2,755 | 2,974 | 3,210 | 3,467 | 3,742 | 4,039 | 4,361 | 4,707 | 5,082 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hselds                                 | 2,213 | 2,387 | 2,575 | 2,778 | 2,997 | 3,233 | 3,490 | 3,764 | 4,061 | 4,382 | 4,728 | 5,103 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 2,501 | 2,700 | 2,914 | 3,145 | 3,395 | 3,664 | 3,958 | 4,272 | 4,611 | 4,978 | 5,373 | 5,801 |
| =====                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 288   | 313   | 339   | 367   | 398   | 431   | 468   | 508   | 550   | 596   | 645   | 698   |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    | 12    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF HOUSTON

|                                                      | 1994 | 1995 | 1996 | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TOTAL PROJECT-RELATED DEMAND                         |      |      |      |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 19   | 19   | 19   | 20    | 20    | 20    | 20    | 19    | 19    | 19    | 19    | 19    |
| BASELINE DEMAND                                      |      |      |      |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 603  | 664  | 731  | 804   | 885   | 975   | 1,073 | 1,181 | 1,300 | 1,432 | 1,576 | 1,735 |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |      |      |      |       |       |       |       |       |       |       |       |       |
| Pro. + Baseline Households                           | 622  | 683  | 750  | 824   | 905   | 995   | 1,093 | 1,200 | 1,319 | 1,451 | 1,595 | 1,754 |
| BASELINE SUPPLY                                      |      |      |      |       |       |       |       |       |       |       |       |       |
| Baseline Housing Units                               | 753  | 829  | 913  | 1,004 | 1,105 | 1,217 | 1,340 | 1,474 | 1,623 | 1,788 | 1,968 | 2,166 |
| *****                                                |      |      |      |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      |      |      |      |       |       |       |       |       |       |       |       |       |
| Vacant Housing Units                                 | 131  | 146  | 163  | 180   | 200   | 222   | 247   | 274   | 304   | 337   | 373   | 412   |
| Vacant Units As A % Of<br>Baseline Housing Units     |      |      |      |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 17   | 18   | 18   | 18    | 18    | 18    | 18    | 19    | 19    | 19    | 19    | 19    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN TALKEETNA

|                                                      | 1994  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 27    | 26   | 27   | 28   | 28   | 28   | 28   | 27   | 25   | 25   | 25   | 25   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 185   | 195  | 206  | 217  | 230  | 242  | 255  | 270  | 284  | 300  | 317  | 334  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehd                                  | 212   | 221  | 233  | 245  | 258  | 270  | 283  | 297  | 309  | 325  | 342  | 359  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 208   | 219  | 230  | 242  | 255  | 268  | 281  | 297  | 311  | 328  | 345  | 362  |
| =====                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | -4    | -2   | -3   | -3   | -3   | -2   | -2   | 0    | 2    | 3    | 3    | 3    |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | -2    | -1   | -1   | -1   | -1   | -1   | -1   | 0    | 1    | 1    | 1    | 1    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN TRAPPER CREEK

|                              | 1994  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                | 35    | 33   | 35   | 35   | 36   | 36   | 36   | 35   | 33   | 32   | 32   | 32   |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND              |       |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households          | 115   | 121  | 126  | 132  | 138  | 145  | 151  | 158  | 165  | 173  | 181  | 189  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND    |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE HOUSING DEMAND      |       |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Baseline Hsehd        | 150   | 154  | 161  | 167  | 174  | 181  | 187  | 193  | 198  | 205  | 213  | 221  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY              |       |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units          | 126   | 133  | 138  | 144  | 150  | 157  | 164  | 171  | 178  | 186  | 194  | 203  |
| =====                        |       |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND              |       |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units            | -24   | -21  | -23  | -23  | -24  | -24  | -23  | -22  | -20  | -19  | -19  | -18  |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of       |       |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Housing Units       |       |      |      |      |      |      |      |      |      |      |      |      |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                | -19   | -16  | -17  | -16  | -16  | -15  | -14  | -13  | -11  | -10  | -10  | -9   |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 141

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                                      | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 27    | 27    | 27    | 28    | 29    | 30    | 29    | 27    | 27    | 26    | 26    | 26    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 1,776 | 1,834 | 1,900 | 1,972 | 2,040 | 2,108 | 2,178 | 2,248 | 2,320 | 2,394 | 2,471 | 2,548 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds                                 | 1,803 | 1,861 | 1,927 | 2,000 | 2,069 | 2,138 | 2,207 | 2,275 | 2,347 | 2,420 | 2,497 | 2,574 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 2,228 | 2,293 | 2,366 | 2,447 | 2,522 | 2,596 | 2,672 | 2,748 | 2,826 | 2,905 | 2,988 | 3,070 |
| =====                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 425   | 432   | 439   | 447   | 453   | 458   | 465   | 473   | 479   | 485   | 491   | 496   |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 19    | 19    | 19    | 18    | 18    | 18    | 17    | 17    | 17    | 17    | 16    | 16    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

|                                                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 70     | 68     | 70     | 73     | 75     | 75     | 74     | 71     | 68     | 68     | 68     | 68     |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 12,340 | 12,734 | 13,196 | 13,695 | 14,164 | 14,636 | 15,121 | 15,608 | 16,100 | 16,615 | 17,138 | 17,672 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehd                                  | 12,410 | 12,802 | 13,266 | 13,768 | 14,239 | 14,711 | 15,195 | 15,679 | 16,168 | 16,683 | 17,206 | 17,740 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 16,216 | 16,668 | 17,205 | 17,786 | 18,323 | 18,861 | 19,411 | 19,959 | 20,510 | 21,085 | 21,666 | 22,257 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 3,806  | 3,866  | 3,939  | 4,018  | 4,084  | 4,150  | 4,216  | 4,280  | 4,342  | 4,402  | 4,460  | 4,517  |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 24     | 23     | 23     | 23     | 22     | 22     | 22     | 21     | 21     | 21     | 21     | 20     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.



IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

|                              | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                | 217   | 212   | 217   | 225   | 231   | 233   | 230   | 217   | 209   | 206   | 206   | 206   |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND              |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households          | 863   | 883   | 899   | 915   | 931   | 948   | 965   | 982   | 1,000 | 1,018 | 1,036 | 1,055 |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND    |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE HOUSING DEMAND      |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds         | 1,085 | 1,095 | 1,116 | 1,140 | 1,162 | 1,181 | 1,195 | 1,199 | 1,209 | 1,224 | 1,242 | 1,261 |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY              |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units          | 1,153 | 1,173 | 1,194 | 1,215 | 1,236 | 1,259 | 1,282 | 1,304 | 1,328 | 1,352 | 1,376 | 1,401 |
| =====                        |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND              |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units            | 68    | 78    | 78    | 75    | 74    | 78    | 87    | 105   | 119   | 128   | 134   | 140   |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Housing Units       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                | 6     | 7     | 7     | 6     | 6     | 6     | 7     | 8     | 9     | 10    | 10    | 10    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN CANTWELL

|                                                      | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| TOTAL PROJECT-RELATED DEMAND                         |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 40   | 39   | 40   | 41   | 43   | 43   | 42   | 40   | 39   | 38   | 38   | 38   |
| BASELINE DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 92   | 93   | 94   | 95   | 96   | 98   | 99   | 100  | 101  | 102  | 104  | 105  |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |      |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehd's                                | 132  | 132  | 134  | 136  | 139  | 141  | 141  | 140  | 140  | 140  | 142  | 143  |
| BASELINE SUPPLY                                      |      |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 134  | 135  | 135  | 136  | 137  | 139  | 139  | 140  | 140  | 141  | 143  | 144  |
| =====                                                |      |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 2    | 3    | 1    | 0    | -2   | -2   | -2   | 0    | 0    | 1    | 1    | 1    |
| Vacant Units As A % Of<br>Baseline Housing Units     |      |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | 2    | 2    | 1    | 0    | -2   | -1   | -1   | 0    | 0    | 1    | 1    | 1    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 145

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN HEALY

|                                                      | 1994  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 48    | 47   | 48   | 50   | 51   | 52   | 51   | 48   | 46   | 46   | 46   | 46   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 158   | 163  | 167  | 172  | 177  | 182  | 188  | 193  | 199  | 205  | 211  | 218  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hseholds                               | 206   | 210  | 215  | 222  | 228  | 234  | 239  | 241  | 245  | 251  | 257  | 264  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 210   | 216  | 222  | 228  | 235  | 242  | 250  | 256  | 264  | 272  | 280  | 290  |
| =====                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 4     | 6    | 7    | 6    | 7    | 8    | 11   | 15   | 19   | 21   | 23   | 26   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate%                                        | 2     | 3    | 3    | 3    | 3    | 3    | 4    | 6    | 7    | 8    | 8    | 9    |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE CITY OF NENANA

|                                                      | 1994  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 46    | 45   | 46   | 48   | 49   | 50   | 49   | 46   | 44   | 44   | 44   | 44   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 232   | 238  | 244  | 251  | 257  | 264  | 270  | 277  | 284  | 292  | 299  | 307  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + basel. Hseholds                               | 278   | 283  | 290  | 299  | 306  | 314  | 319  | 323  | 328  | 336  | 343  | 351  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 308   | 316  | 324  | 333  | 341  | 351  | 359  | 368  | 377  | 388  | 397  | 408  |
| =====                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | 30    | 33   | 34   | 34   | 35   | 37   | 40   | 45   | 49   | 52   | 54   | 57   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | 10    | 10   | 11   | 10   | 10   | 11   | 11   | 12   | 13   | 13   | 14   | 14   |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1993.

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PAGE: 147

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN MCKINLEY PARK

|                                                      | 1994  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Total Project                                        | 83    | 81   | 83   | 86   | 87   | 88   | 87   | 83   | 80   | 78   | 78   | 78   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Households                                  | 15    | 16   | 16   | 17   | 17   | 17   | 18   | 19   | 19   | 20   | 20   | 21   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Pro. + Basel. Hsehds                                 | 98    | 97   | 99   | 103  | 104  | 105  | 105  | 102  | 99   | 98   | 98   | 99   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE SUPPLY                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Baseline Hse. Units                                  | 20    | 21   | 21   | 23   | 23   | 23   | 24   | 25   | 25   | 27   | 27   | 28   |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| SUPPLY - DEMAND                                      | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Hse. Units                                    | -78   | -76  | -78  | -80  | -81  | -82  | -81  | -77  | -74  | -71  | -71  | -71  |
| -----                                                |       |      |      |      |      |      |      |      |      |      |      |      |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Vacancy Rate*                                        | -390  | -362 | -371 | -348 | -352 | -357 | -338 | -308 | -296 | -263 | -263 | -254 |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 148

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE MUNICIPALITY OF ANCHORAGE

|                                                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TOTAL PROJECT-RELATED DEMAND                         |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 481    | 518    | 479    | 458    | 439    | 436    | 438    | 477    | 606    | 624    | 624    | 624    |
| BASELINE DEMAND                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 82,490 | 82,406 | 82,650 | 83,060 | 83,356 | 83,634 | 83,978 | 84,334 | 84,724 | 85,240 | 85,773 | 86,359 |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Baseline Hsehd                                | 82,971 | 82,924 | 83,129 | 83,518 | 83,795 | 84,070 | 84,416 | 84,811 | 85,330 | 85,864 | 86,397 | 86,983 |
| BASELINE SUPPLY                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 89,178 | 89,088 | 89,351 | 89,795 | 90,115 | 90,415 | 90,787 | 91,172 | 91,594 | 92,151 | 92,728 | 93,361 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 6,207  | 6,164  | 6,222  | 6,277  | 6,320  | 6,345  | 6,371  | 6,361  | 6,264  | 6,287  | 6,331  | 6,378  |
| Vacant Units As A % Of<br>Baseline Housing Units     |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 149

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE FAIRBANKS-NORTH STAR BOROUGH

|                                                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 138    | 131    | 137    | 147    | 155    | 156    | 154    | 138    | 125    | 122    | 122    | 122    |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 28,110 | 28,270 | 28,565 | 28,912 | 29,201 | 29,500 | 29,853 | 30,221 | 30,603 | 30,993 | 31,401 | 31,847 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Baseline Hseholds                             | 28,248 | 28,401 | 28,702 | 29,059 | 29,356 | 29,656 | 30,007 | 30,359 | 30,728 | 31,115 | 31,523 | 31,969 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 29,589 | 29,758 | 30,068 | 30,434 | 30,738 | 31,053 | 31,424 | 31,812 | 32,214 | 32,624 | 33,054 | 33,523 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 1,341  | 1,357  | 1,366  | 1,375  | 1,382  | 1,397  | 1,417  | 1,453  | 1,486  | 1,509  | 1,531  | 1,554  |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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PAGE: 150

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE MUNICIPALITY OF FAIRBANKS

|                                                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 94     | 89     | 93     | 100    | 107    | 108    | 107    | 93     | 84     | 80     | 80     | 80     |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 15,189 | 15,427 | 15,737 | 16,081 | 16,404 | 16,733 | 17,096 | 17,481 | 17,874 | 18,275 | 18,702 | 19,153 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds                                 | 15,283 | 15,516 | 15,830 | 16,181 | 16,511 | 16,841 | 17,203 | 17,574 | 17,958 | 18,355 | 18,782 | 19,233 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 16,403 | 16,660 | 16,995 | 17,366 | 17,715 | 18,070 | 18,462 | 18,878 | 19,302 | 19,735 | 20,197 | 20,684 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 1,120  | 1,144  | 1,165  | 1,185  | 1,204  | 1,229  | 1,259  | 1,304  | 1,344  | 1,380  | 1,415  | 1,451  |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.



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05/03/84 AT 22:10:14

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PAGE: 151

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE KENAI-COOK INLET CENSUS DIVISION

|                              | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                | 9      | 17     | 8      | -2     | -9     | -9     | -8     | 4      | 28     | 32     | 32     | 32     |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND              |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households          | 13,384 | 13,688 | 14,058 | 14,466 | 14,859 | 15,259 | 15,685 | 16,125 | 16,582 | 17,064 | 17,575 | 18,111 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND    |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE HOUSING DEMAND      |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehd          | 13,393 | 13,705 | 14,066 | 14,464 | 14,850 | 15,250 | 15,677 | 16,129 | 16,610 | 17,096 | 17,607 | 18,143 |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY              |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units          | 14,088 | 14,408 | 14,798 | 15,227 | 15,641 | 16,062 | 16,511 | 16,974 | 17,455 | 17,962 | 18,500 | 19,064 |
| =====                        |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND              |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units            | 695    | 703    | 732    | 763    | 791    | 812    | 834    | 845    | 845    | 866    | 893    | 921    |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of       |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Housing Units       |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                        |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate%                | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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05/03/84 AT 22:10:18

USER = RLH

PAGE: 152

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE SEWARD CENSUS DIVISION

|                                                      | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 1,376 | 1,392 | 1,412 | 1,435 | 1,456 | 1,477 | 1,500 | 1,524 | 1,549 | 1,575 | 1,604 | 1,634 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds                                 | 1,378 | 1,392 | 1,412 | 1,435 | 1,456 | 1,477 | 1,500 | 1,524 | 1,549 | 1,575 | 1,604 | 1,634 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 1,451 | 1,465 | 1,486 | 1,511 | 1,533 | 1,555 | 1,579 | 1,604 | 1,631 | 1,658 | 1,698 | 1,720 |
| =====                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 73    | 73    | 74    | 76    | 77    | 78    | 79    | 80    | 82    | 83    | 84    | 86    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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05/03/84 AT 22:10:22

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PAGE: 153

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE SOUTHEAST FAIRBANKS BOROUGH

|                              | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 1     | 1     | 1     | 1     |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND              |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households          | 2,797 | 2,813 | 2,843 | 2,877 | 2,905 | 2,935 | 2,970 | 3,007 | 3,045 | 3,084 | 3,125 | 3,169 |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND    |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE HOUSING DEMAND      |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds         | 2,799 | 2,815 | 2,845 | 2,879 | 2,908 | 2,938 | 2,973 | 3,009 | 3,046 | 3,085 | 3,126 | 3,170 |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY              |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units          | 2,944 | 2,961 | 2,993 | 3,028 | 3,058 | 3,089 | 3,126 | 3,165 | 3,205 | 3,246 | 3,289 | 3,336 |
| =====                        |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND              |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units            | 145   | 146   | 148   | 149   | 150   | 151   | 153   | 156   | 159   | 161   | 163   | 166   |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of       |       |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Housing Units       |       |       |       |       |       |       |       |       |       |       |       |       |
| -----                        |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

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05/03/84 AT 22:10:25

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PAGE: 154

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

|                                                      | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED DEMAND                         | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Total Project                                        | 15    | 14    | 15    | 16    | 17    | 18    | 18    | 15    | 12    | 12    | 12    | 12    |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Households                                  | 4,774 | 4,888 | 5,007 | 5,137 | 5,277 | 5,414 | 5,557 | 5,701 | 5,848 | 6,001 | 6,158 | 6,319 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Pro. + Basel. Hsehds                                 | 4,789 | 4,902 | 5,022 | 5,153 | 5,294 | 5,432 | 5,575 | 5,716 | 5,860 | 6,013 | 6,170 | 6,331 |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| BASELINE SUPPLY                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Baseline Hse. Units                                  | 5,025 | 5,145 | 5,271 | 5,407 | 5,555 | 5,699 | 5,849 | 6,001 | 6,156 | 6,317 | 6,482 | 6,652 |
| =====                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| SUPPLY - DEMAND                                      | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Hse. Units                                    | 236   | 243   | 249   | 254   | 261   | 267   | 274   | 285   | 296   | 304   | 312   | 321   |
| -----                                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Vacant Units As A % Of<br>Baseline Housing Units     | ----- |       |       |       |       |       |       |       |       |       |       |       |
| Vacancy Rate*                                        | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE RAILBELT REGION

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PAGE: 155

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IMPACT OF THE PROJECT ON HOUSING UNITS  
IN THE STATE OF ALASKA

**NOT REPORTED AT THIS TIME**

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PAGE: 157

IMPACT OF THE PROJECT ON HOUSING UNITS  
IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

|                                                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED DEMAND                         |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Project                                        | 220    | 215    | 220    | 228    | 232    | 233    | 231    | 221    | 213    | 210    | 210    | 210    |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE DEMAND                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Households                                  | 18,921 | 19,678 | 20,542 | 21,468 | 22,386 | 23,336 | 24,342 | 25,376 | 26,454 | 27,599 | 28,807 | 30,066 |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL PROJECT-RELATED AND<br>BASELINE HOUSING DEMAND |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Pro. + Basel. Hsehds                                 | 19,141 | 19,893 | 20,762 | 21,696 | 22,618 | 23,569 | 24,573 | 25,597 | 26,667 | 27,809 | 29,017 | 30,276 |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE SUPPLY                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Hse. Units                                  | 23,779 | 24,653 | 25,641 | 26,710 | 27,762 | 28,847 | 29,985 | 31,158 | 32,377 | 33,671 | 35,020 | 36,436 |
| =====                                                |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| SUPPLY - DEMAND                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Hse. Units                                    | 4,638  | 4,760  | 4,879  | 5,014  | 5,144  | 5,278  | 5,412  | 5,561  | 5,710  | 5,862  | 6,003  | 6,160  |
|                                                      |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacant Units As A % Of<br>Baseline Housing Units     |        |        |        |        |        |        |        |        |        |        |        |        |
| -----                                                |        |        |        |        |        |        |        |        |        |        |        |        |
| Vacancy Rate*                                        | 20     | 19     | 19     | 19     | 19     | 18     | 18     | 18     | 18     | 17     | 17     | 17     |

\*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Ortin & Associates, Inc., 1983.

VILLAGE CONSTRUCTION WORKERS  
BY LABOR CATEGORY, ORIGIN,  
AND MARITAL STATUS

|                        | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Mar. Anch. Laborers    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. Anch. SS/Skilled  | 0    | 0    | 138  | 175  | 173  | 129  | 146  | 165  | 86   | 55   | 34   | 57   | 89   | 105  | 99   | 112  | 89   | 10   |
| Mar. Anch. Eng./Adm.   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. Fair. Laborers    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. Fair. SS/Skilled  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. Fair. Eng./Adm.   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. O Ala Laborers    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. O Ala SS/Skilled  | 0    | 0    | 13   | 16   | 18   | 23   | 21   | 15   | 8    | 5    | 3    | 5    | 8    | 11   | 11   | 11   | 8    | 1    |
| Mar. O Ala Eng./Adm.   | 0    | 0    | 10   | 13   | 15   | 18   | 17   | 13   | 7    | 4    | 3    | 4    | 7    | 6    | 9    | 7    | 6    | 1    |
| Mar. Out-St Laborers   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Mar. Out-St SS/Skilled | 0    | 0    | 39   | 49   | 55   | 69   | 64   | 46   | 24   | 15   | 10   | 16   | 25   | 32   | 34   | 34   | 25   | 3    |
| Mar. Out-St Eng./Adm.  | 0    | 0    | 59   | 79   | 89   | 111  | 102  | 78   | 41   | 26   | 15   | 25   | 39   | 50   | 53   | 42   | 34   | 5    |
| -----                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Married Workers        | 0    | 0    | 259  | 332  | 350  | 350  | 350  | 317  | 166  | 105  | 65   | 107  | 168  | 206  | 206  | 206  | 162  | 20   |
| -----                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Sin. Anch. Laborers    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. Anch. SS/Skilled  | 0    | 0    | 48   | 0    | 0    | 0    | 0    | 0    | 31   | 20   | 13   | 21   | 10   | 0    | 0    | 0    | 17   | 3    |
| Sin. Anch. Eng./Adm.   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. Fair. Laborers    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. Fair. SS/Skilled  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. Fair. Eng./Adm.   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. O Ala Laborers    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. O Ala SS/Skilled  | 0    | 0    | 5    | 0    | 0    | 0    | 0    | 0    | 3    | 2    | 1    | 2    | 3    | 0    | 0    | 0    | 3    | 0    |
| Sin. O Ala Eng./Adm.   | 0    | 0    | 3    | 0    | 0    | 0    | 0    | 0    | 2    | 2    | 1    | 2    | 2    | 0    | 0    | 0    | 2    | 0    |
| Sin. Out-St Laborers   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Sin. Out-St SS/Skilled | 0    | 0    | 14   | 0    | 0    | 0    | 0    | 4    | 9    | 6    | 3    | 6    | 9    | 0    | 0    | 0    | 9    | 1    |
| Sin. Out-St Eng./Adm.  | 0    | 0    | 21   | 18   | 0    | 0    | 0    | 29   | 15   | 9    | 6    | 9    | 14   | 0    | 0    | 0    | 13   | 2    |
| -----                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Single Workers         | 0    | 0    | 91   | 18   | 0    | 0    | 0    | 33   | 60   | 39   | 24   | 40   | 38   | 0    | 0    | 0    | 44   | 6    |
| =====                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Total Village Worker   | 0    | 0    | 350  | 350  | 350  | 350  | 350  | 350  | 226  | 144  | 89   | 147  | 206  | 206  | 206  | 206  | 206  | 26   |

-----  
Mar. = Married  
Sin. = Single  
Anch. = Anchorage Origin  
Fair. = Fairbanks Origin  
O Ala = Other Alaska Origin  
Out-St = Out-of-State Origin  
Laborers = Unskilled Workers  
SS/Skilled = Semi-Skilled/Skilled Workers  
Eng./Adm. = Engineering/Administrative workers



ECON/CWFPQHV/CONSTR/ECONRPT4  
05/03/84 AT 22:11:05

USER = RLH

PAGE: 159

CONSTRUCTION WORK FORCE BY RESIDENT  
AND NONRESIDENT STATUS

1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002

## Local Impact Area

## Resident workers

## Matanuska-Susitna Borough

|                      |    |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |    |
|----------------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|----|
| Village Resid. worke | 0  | 0  | 350 | 350 | 350 | 350 | 350 | 350 | 226 | 144 | 89 | 147 | 206 | 206 | 206 | 206 | 206 | 26 |
| Palmer Resid. worke  | 10 | 14 | 18  | 24  | 27  | 36  | 32  | 25  | 12  | 8   | 4  | 8   | 12  | 16  | 17  | 14  | 8   | 2  |
| Wasilla Resid. worke | 11 | 16 | 21  | 27  | 31  | 40  | 37  | 27  | 14  | 8   | 6  | 8   | 14  | 17  | 19  | 16  | 9   | 2  |
| Houston Resid. worke | 7  | 10 | 12  | 16  | 18  | 25  | 23  | 16  | 8   | 5   | 4  | 5   | 8   | 11  | 11  | 10  | 5   | 1  |
| Talkeetna Res. worke | 8  | 12 | 14  | 19  | 22  | 29  | 27  | 20  | 10  | 7   | 3  | 7   | 10  | 12  | 13  | 12  | 6   | 1  |
| Trap. Cr. Res. worke | 8  | 13 | 14  | 19  | 22  | 29  | 26  | 19  | 10  | 6   | 4  | 6   | 10  | 13  | 13  | 12  | 5   | 1  |
| Suburban Res. worke  | 55 | 76 | 100 | 132 | 149 | 190 | 174 | 132 | 69  | 42  | 25 | 42  | 66  | 84  | 90  | 78  | 44  | 7  |
| Rural/Rem Res. worke | 13 | 19 | 24  | 31  | 36  | 46  | 43  | 32  | 16  | 9   | 6  | 9   | 16  | 21  | 22  | 19  | 10  | 2  |

|                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Total Mat-Su Borou | 112 | 160 | 553 | 618 | 655 | 747 | 712 | 621 | 365 | 229 | 141 | 232 | 342 | 380 | 391 | 367 | 293 | 42 |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|

## Railbelt Portion of Y-K Bor.

|                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| Cantwell Res. worke  | 19 | 30 | 21 | 28 | 32 | 43 | 39 | 28 | 15 | 9  | 5  | 9  | 14 | 18 | 20 | 17 | 8  | 2 |
| Healy Resid. worke   | 15 | 23 | 27 | 35 | 41 | 55 | 50 | 36 | 19 | 11 | 7  | 11 | 18 | 23 | 25 | 21 | 11 | 2 |
| Nenana Resid. worke  | 14 | 22 | 25 | 33 | 39 | 52 | 47 | 34 | 17 | 11 | 7  | 11 | 17 | 22 | 23 | 20 | 10 | 2 |
| McK. Park Res. worke | 26 | 41 | 46 | 61 | 71 | 95 | 86 | 62 | 32 | 20 | 12 | 20 | 31 | 40 | 43 | 37 | 19 | 4 |
| Y-K Drig. Res. worke | 3  | 4  | 6  | 8  | 9  | 11 | 10 | 8  | 4  | 2  | 1  | 2  | 4  | 6  | 6  | 4  | 3  | 0 |

|                    |    |     |     |     |     |     |     |     |    |    |    |    |    |     |     |    |    |    |
|--------------------|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----|----|----|----|
| Total Y-K Res. Wor | 77 | 120 | 124 | 166 | 191 | 255 | 232 | 168 | 87 | 53 | 32 | 52 | 82 | 109 | 117 | 99 | 51 | 10 |
|--------------------|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----|----|----|----|

## Nonresident Workers

|                |     |      |      |      |      |      |      |      |     |     |     |     |     |      |      |      |     |     |
|----------------|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|-----|-----|
| Work Camp Site | 910 | 1078 | 1223 | 1716 | 1960 | 2505 | 2309 | 1714 | 848 | 522 | 321 | 514 | 822 | 1112 | 1185 | 1034 | 545 | 100 |
|----------------|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|-----|-----|

|                    |      |      |      |      |      |      |      |      |      |     |     |     |      |      |      |      |     |     |
|--------------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|-----|-----|
| TOTAL CONSTRUCTION | 1099 | 1356 | 1997 | 2499 | 2804 | 3499 | 3248 | 2500 | 1299 | 806 | 494 | 799 | 1244 | 1595 | 1695 | 1497 | 892 | 153 |
|--------------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|-----|-----|

Sums may not equal totals due to independent rounding.

FSER/WATERY/WATERWAH/FSERRPT3  
 Alternate 01 of 01  
 05/04/84 AT 14:59:47

USER = SUS

PAGE: 161

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF PALMER - PEAK WATER SUPPLY REQUIREMENTS  
 (IN GALLONS)

| YEARS                                        | 1985    | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|----------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED REQUIREMENTS                 |         |         |         |         |         |         |         |         |         |
| Direct Project                               | 3713    | 5821    | 6703    | 8864    | 10631   | 13709   | 13810   | 13259   | 12480   |
| Total Project                                | 4332    | 7068    | 7960    | 10130   | 12545   | 16280   | 16400   | 15215   | 14450   |
| -----                                        |         |         |         |         |         |         |         |         |         |
| BASELINE                                     | 640816  | 687507  | 737766  | 791658  | 849463  | 911465  | 950336  | 990765  | 1032993 |
| -----                                        |         |         |         |         |         |         |         |         |         |
| TOTAL REQUIREMENTS                           | 645149  | 694576  | 745726  | 801788  | 862008  | 927745  | 966736  | 1005981 | 1047444 |
| =====                                        |         |         |         |         |         |         |         |         |         |
| Direct Require. As %<br>Increase Over Basel. |         |         |         | 1       | 1       | 1       | 1       | 1       | 1       |
| Total Require. As %<br>Increase Over Basel.  |         | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       |
| 1983 Capacity                                | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 |
| Excess (Under) Cap.                          | 384850  | 335423  | 284273  | 228211  | 167991  | 102254  | 63263   | 24018   | (17444) |
| % Capacity Utiliz.                           | 62      | 67      | 72      | 77      | 83      | 90      | 93      | 97      | 101     |

Source: Frank Orth & Associates, Inc.

FSEK/WATERV/WATERWAH/FSERRPT3  
 Alternate 01 of 01  
 05/04/84 AT 14:59:55

USER = SUS

PAGE: 102

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES  
 IN THE CITY OF PALMER  
 (IN GALLONS)

| YEARS                                        | 1985    | 1986    | 1987    | 1988     | 1989     | 1990     | 1991     | 1992     | 1993     |
|----------------------------------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| PROJECT-RELATED REQUIREMENTS                 |         |         |         |          |          |          |          |          |          |
| Direct Project                               | 1875    | 2947    | 3402    | 4509     | 5421     | 7006     | 7073     | 6806     | 6420     |
| Total Project                                | 2188    | 3578    | 4040    | 5153     | 6396     | 8320     | 8400     | 7810     | 7433     |
| BASELINE                                     | 323677  | 346105  | 374444  | 402738   | 433142   | 465810   | 486757   | 508576   | 531395   |
| TOTAL REQUIREMENTS                           | 325866  | 351684  | 378484  | 407892   | 439538   | 474130   | 495157   | 516387   | 538829   |
| Direct Require. As %<br>Increase Over Basel. |         |         |         | 1        | 1        | 1        | 1        | 1        | 1        |
| Total Require. As %<br>Increase Over Basel.  |         | 1       | 1       | 1        | 1        | 1        | 1        | 1        | 1        |
| 1983 Capacity                                | 300000  | 300000  | 300000  | 300000   | 300000   | 300000   | 300000   | 300000   | 300000   |
| Excess (Under) Cap.                          | (25866) | (51684) | (78484) | (107892) | (139538) | (174130) | (195157) | (216387) | (238829) |
| % Capacity Utiliz.                           | 108     | 117     | 126     | 135      | 146      | 158      | 165      | 172      | 179      |

Source: Frank Urtn & Associates, Inc.

FSER/WATERV/WATERWAH/FSERRPT3  
 Alternate 01 of 01  
 05/04/84 AT 15:00:02

USER = SUS

PAGE: 163

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF WASILLA - AVERAGE WATER REQUIREMENTS  
 (IN GALLONS)

| YEARS                                        | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |        |        |        |        |        |        |        |        |        |
| Direct Project                               | 2984   | 4564   | 5010   | 6753   | 7787   | 10855  | 10894  | 9913   | 9364   |
| Total Project                                | 3410   | 5420   | 5869   | 8046   | 9085   | 12592  | 12637  | 11663  | 10681  |
| BASELINE                                     | 483442 | 521603 | 562896 | 607209 | 655148 | 706894 | 762776 | 822835 | 887844 |
| TOTAL REQUIREMENTS                           | 486852 | 527023 | 568766 | 615255 | 664233 | 719486 | 775414 | 834498 | 898525 |
| Direct Require. As %<br>Increase Over Basel. |        |        |        | 1      | 1      | 1      | 1      | 1      | 1      |
| Total Require. As %<br>Increase Over Basel.  |        | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| 1983 Capacity                                | 900000 | 900000 | 900000 | 900000 | 900000 | 900000 | 900000 | 900000 | 900000 |
| Excess (Under) Cap.                          | 413147 | 372976 | 331233 | 284744 | 235766 | 180513 | 124585 | 65501  | 1474   |
| % Capacity Utiliz.                           | 54     | 58     | 63     | 68     | 73     | 79     | 86     | 92     | 99     |

Source: Frank Orth & Associates, Inc.

FSER/WATERV/WATERWAM/FSERKPT3  
 Alternate 01 of 01  
 05/04/84 AT 15:00:07

USER = SJS

PAGE: 164

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF WASILLA - PEAK WATER SUPPLY REQUIREMENTS  
 (IN GALLONS)

| YEARS                                        | 1985   | 1986   | 1987   | 1988   | 1989    | 1990     | 1991     | 1992     | 1993     |
|----------------------------------------------|--------|--------|--------|--------|---------|----------|----------|----------|----------|
| -----                                        |        |        |        |        |         |          |          |          |          |
| PROJECT-RELATED REQUIREMENTS                 | -----  |        |        |        |         |          |          |          |          |
| Direct Project                               | 4332   | 6652   | 7331   | 9919   | 11482   | 16065    | 16184    | 14781    | 14012    |
| Total Project                                | 4951   | 7900   | 8588   | 11818  | 13395   | 18636    | 18773    | 17389    | 15983    |
| -----                                        |        |        |        |        |         |          |          |          |          |
| BASELINE                                     | 701886 | 760271 | 823650 | 891908 | 965985  | 1046204  | 1133110  | 1226827  | 1328572  |
| -----                                        |        |        |        |        |         |          |          |          |          |
| TOTAL REQUIREMENTS                           | 706837 | 768171 | 832238 | 903727 | 979381  | 1064840  | 1151884  | 1244216  | 1344555  |
| -----                                        |        |        |        |        |         |          |          |          |          |
| Direct Require. As %<br>Increase Over Basel. |        |        |        | 1      | 1       | 1        | 1        | 1        | 1        |
| Total Require. As %<br>Increase Over Basel.  |        | 1      | 1      | 1      | 1       | 1        | 1        | 1        | 1        |
| 1983 Capacity                                | 900000 | 900000 | 900000 | 900000 | 900000  | 900000   | 900000   | 900000   | 900000   |
| Excess (Under) Cap.                          | 193162 | 131823 | 67761  | (3727) | (79381) | (164840) | (251884) | (344216) | (444555) |
| % Capacity Utiliz.                           | 78     | 95     | 92     | 100    | 108     | 118      | 127      | 138      | 149      |

Source: Frank Orth & Associates, Inc.

FSEB/WATERV/WATERWAM/FSEBKP13  
 Alternate 01 of 01  
 05/04/84 AT 15:00:11

USER = SUS

PAGE: 165

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES  
 IN THE CITY OF WASILLA  
 (IN GALLONS)

| YEARS                                     | 1985     | 1986     | 1987     | 1988     | 1989     | 1990     | 1991     | 1992     | 1993     |
|-------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| PROJECT-RELATED REQUIREMENTS              |          |          |          |          |          |          |          |          |          |
| Direct Project                            | 2188     | 3368     | 3721     | 5046     | 5854     | 8210     | 8289     | 7587     | 7208     |
| Total Project                             | 2501     | 4000     | 4358     | 6012     | 6830     | 9524     | 9615     | 8926     | 8222     |
| BASELINE                                  |          |          |          |          |          |          |          |          |          |
|                                           | 354524   | 384947   | 418033   | 453738   | 492556   | 534669   | 580373   | 629751   | 683448   |
| TOTAL REQUIREMENTS                        |          |          |          |          |          |          |          |          |          |
|                                           | 357025   | 388947   | 422392   | 459751   | 499387   | 544193   | 589989   | 638677   | 691670   |
| Direct Require. As % Increase Over Basel. |          |          |          |          |          |          |          |          |          |
|                                           |          |          |          | 1        | 1        | 1        | 1        | 1        | 1        |
| Total Require. As % Increase Over Basel.  |          |          |          |          |          |          |          |          |          |
|                                           |          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| 1983 Capacity                             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Excess (Under) Cap.                       | (357025) | (388947) | (422392) | (459751) | (499387) | (544193) | (589989) | (638677) | (691670) |
| % Capacity Utiliz.                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

Source: Frank Orth & Associates, Inc.

FSEF/WATERV/WATEROCH/FSEFREP13  
 Alternate 01 of 01  
 05/04/84 AT 15:00:19

PAGE: 166  
 USER = SUS

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF PALMER - AVERAGE WATER REQUIREMENTS  
 (IN GALLONS)

| YEARS                                    | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED REQUIREMENTS             |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Project                           | 7929    | 7957    | 7986    | 8460    | 8490    | 8520    | 8550    | 8100    | 7950    | 7950    | 7950    | 7950    |
| Total Project                            | 9691    | 9726    | 9761    | 10241   | 10277   | 10313   | 10350   | 9900    | 9750    | 9750    | 9750    | 9750    |
| BASELINE                                 |         |         |         |         |         |         |         |         |         |         |         |         |
|                                          | 717030  | 744800  | 773489  | 803551  | 834552  | 866797  | 900300  | 931800  | 964500  | 998250  | 1033200 | 1069350 |
| TOTAL REQUIREMENTS                       | 726721  | 754526  | 783250  | 813792  | 844929  | 877111  | 910650  | 941700  | 974250  | 1008000 | 1042950 | 1079100 |
| Direct Require. As % Increase Over Basel |         |         |         |         |         |         |         |         |         |         |         |         |
|                                          | 1       | 1       | 1       | 1       | 1       |         |         |         |         |         |         |         |
| Total Require. As % Increase Over Basel  |         |         |         |         |         |         |         |         |         |         |         |         |
|                                          | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       |         |         |         |
| 1985 Capacity                            | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 |
| Excess (Under) Cap.                      | 303278  | 275473  | 246749  | 216207  | 185170  | 152888  | 119350  | 88300   | 55750   | 22000   | -12950  | -49100  |
| % Capacity Utiliz.                       | 70      | 73      | 76      | 79      | 82      | 85      | 88      | 91      | 94      | 97      | 101     | 104     |

Source: Frank Orth & Associates, Inc.

FSER/WATERV/WATERDCH/FSORRFT3  
 Alternate 01 of 01  
 05/04/84 AT 15:00:23

PAGE: 167  
 USER # SUS

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF PALMER - PEAK WATER SUPPLY REQUIREMENTS  
 (IN GALLONS)

| YEARS                                    | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED REQUIREMENTS             |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Project                           | 11908   | 11993   | 12078   | 12840   | 12930   | 13020   | 13110   | 12420   | 12190   | 12190   | 12190   | 12190   |
| Total Project                            | 14564   | 14658   | 14763   | 15543   | 15652   | 15761   | 15870   | 15180   | 14950   | 14950   | 14950   | 14950   |
| BASELINE                                 |         |         |         |         |         |         |         |         |         |         |         |         |
|                                          | 1076830 | 1122520 | 1169368 | 1219574 | 1270996 | 1324613 | 1380460 | 1428760 | 1478900 | 1530650 | 1584240 | 1639670 |
| TOTAL REQUIREMENTS                       | 1091384 | 1137178 | 1184631 | 1235117 | 1286648 | 1340374 | 1396330 | 1443940 | 1493850 | 1545600 | 1599190 | 1654620 |
| Direct Require. As % Increase Over Basel |         |         |         |         |         |         |         |         |         |         |         |         |
|                                          | 1       | 1       | 1       | 1       | 1       |         |         |         |         |         |         |         |
| Total Require. As % Increase Over Basel  |         |         |         |         |         |         |         |         |         |         |         |         |
|                                          | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       |         |         |         |
| 1983 Capacity                            | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 | 1030000 |
| Excess (Under) Cap.                      | -61384  | -107178 | -154631 | -205117 | -256648 | -310374 | -366330 | -413940 | -463850 | -515600 | -569190 | -624620 |
| % Capacity Utiliz.                       | 105     | 110     | 115     | 119     | 124     | 130     | 135     | 140     | 145     | 150     | 155     | 160     |

Source: Frank Orth & Associates, Inc.



FSER/WATERV/WATERDCH/FS-RRPT3  
 Alternate 01 of 01  
 05/04/84 AT 15:00:29

PAGE: 168  
 USER = SUS

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES  
 IN THE CITY OF PALMER  
 (IN GALLONS)

| YEARS                        | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -----                        |         |         |         |         |         |         |         |         |         |         |         |         |
| PROJECT-RELATED REQUIREMENTS | -----   |         |         |         |         |         |         |         |         |         |         |         |
| Direct Project               | 6138    | 6195    | 6252    | 6660    | 6720    | 6780    | 6840    | 6480    | 6360    | 6360    | 6360    | 6360    |
| Total Project                | 7503    | 7572    | 7642    | 8062    | 8134    | 8207    | 8280    | 7920    | 7800    | 7800    | 7800    | 7800    |
| -----                        |         |         |         |         |         |         |         |         |         |         |         |         |
| BASELINE                     | 555120  | 579880  | 605578  | 632583  | 660564  | 689775  | 720240  | 745440  | 771600  | 798600  | 826560  | 855480  |
| -----                        |         |         |         |         |         |         |         |         |         |         |         |         |
| TOTAL REQUIREMENTS           | 562623  | 587452  | 613221  | 640645  | 668698  | 697983  | 728520  | 753360  | 779400  | 806400  | 834360  | 863280  |
| =====                        |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Require. As %         |         |         |         |         |         |         |         |         |         |         |         |         |
| Increase Over Basel          | 1       | 1       | 1       | 1       | 1       |         |         |         |         |         |         |         |
| Total Require. As %          |         |         |         |         |         |         |         |         |         |         |         |         |
| Increase Over Basel          | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       |         |         |         |
| -----                        |         |         |         |         |         |         |         |         |         |         |         |         |
| 1983 Capacity                | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  | 300000  |
| Excess (Under) Cap.          | -262623 | -287452 | -313221 | -340645 | -368698 | -397983 | -428520 | -453360 | -479400 | -506400 | -534360 | -563280 |
| % Capacity Utiliz.           | 187     | 195     | 204     | 213     | 222     | 232     | 242     | 251     | 259     | 268     | 278     | 287     |

Source: Frank Orth & Associates, Inc.

FSER/WATERV/WATERDCH/FSERRPT3  
 Alternate 01 of 01  
 05/04/34 AT 15:00:35

PAGE: 169  
 USER = SUS

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF WASSILLA - AVERAGE WATER REQUIREMENTS  
 (IN GALLONS)

| YEARS                                       | 1994   | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004     | 2005     |
|---------------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| PROJECT-RELATED REQUIREMENTS                |        |         |         |         |         |         |         |         |         |         |          |          |
| Direct Project                              | 8957   | 8989    | 9021    | 9498    | 9532    | 9566    | 9600    | 9150    | 9150    | 8550    | 8550     | 8550     |
| Total Project                               | 10719  | 10757   | 10796   | 11280   | 11320   | 11360   | 11400   | 10950   | 10950   | 10350   | 10350    | 10350    |
| BASELINE                                    |        |         |         |         |         |         |         |         |         |         |          |          |
|                                             | 957851 | 1033347 | 1114830 | 1202655 | 1297480 | 1399671 | 1510050 | 1623300 | 1744950 | 1875900 | 2016600  | 2167800  |
| TOTAL REQUIREMENTS                          |        |         |         |         |         |         |         |         |         |         |          |          |
|                                             | 968570 | 1044105 | 1125626 | 1213935 | 1308600 | 1411031 | 1521450 | 1634250 | 1755900 | 1886250 | 2026950  | 2178150  |
| Direct Require. As %<br>Increase Over Basel |        |         |         |         |         |         |         |         |         |         |          |          |
| Total Require. As %<br>Increase Over Basel  |        |         |         |         |         |         |         |         |         |         |          |          |
|                                             | 1      | 1       |         |         |         |         |         |         |         |         |          |          |
| 1983 Capacity                               | 900000 | 900000  | 900000  | 900000  | 900000  | 900000  | 900000  | 900000  | 900000  | 900000  | 900000   | 900000   |
| Excess (Under) Cap.                         | -68570 | -144105 | -225626 | -313935 | -408800 | -511031 | -621450 | -734250 | -855900 | -986250 | -1126950 | -1278150 |
| % Capacity Utiliz.                          | 107    | 116     | 125     | 134     | 145     | 156     | 169     | 181     | 195     | 209     | 225      | 242      |

Source: Frank Orth & Associates, Inc.

FSEF/WATERV/WATERDOH/FSEFAPTS  
 Alternate 01 of 01  
 05/04/84 AT 15:00:41

PAGE: 170  
 USER = SUS

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES  
 IN THE CITY OF WASILLA - PEAK WATER SUPPLY REQUIREMENTS  
 (IN GALLONS)

| YEARS                        | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED REQUIREMENTS |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Project               | 13452   | 13548   | 13644   | 14416   | 14517   | 14618   | 14720   | 14030   | 14030   | 13110   | 13110   | 13110   |
| Total Project                | 16098   | 16213   | 16328   | 17120   | 17240   | 17360   | 17480   | 16790   | 16790   | 15870   | 15870   | 15870   |
| BASELINE                     | 1438493 | 1557402 | 1696131 | 1825307 | 1976021 | 2138934 | 2315410 | 2489060 | 2675590 | 2876380 | 3092120 | 3323960 |
| TOTAL REQUIREMENTS           | 1454591 | 1573615 | 1702460 | 1842427 | 1993261 | 2156294 | 2332890 | 2505850 | 2692380 | 2892250 | 3107990 | 3339830 |

Direct Require. As %  
 Increase Over Basel

Total Require. As %  
 Increase Over Basel

|                     |         |         |         |         |          |          |          |          |          |          |          |          |
|---------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1983 Capacity       | 900000  | 900000  | 900000  | 900000  | 900000   | 900000   | 900000   | 900000   | 900000   | 900000   | 900000   | 900000   |
| Excess (Under) Cap. | -554591 | -673615 | -802460 | -942427 | -1093261 | -1256294 | -1432890 | -1605850 | -1792380 | -1992250 | -2207990 | -2439830 |
| % Capacity Utiliz.  | 161     | 174     | 189     | 204     | 221      | 239      | 259      | 278      | 299      | 321      | 345      | 371      |

Source: Frank Orth & Associates, Inc.

FSER/WATERV/WATERDCH/FSERRPT3  
 Alternate 01 of 01  
 05/04/84 AT 15:00:45

PAGE: 171  
 USER = SUS

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES  
 IN THE CITY OF WASILLA  
 (IN GALLONS)

| YEARS                                       | 1994    | 1995    | 1996    | 1997    | 1998     | 1999     | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     |
|---------------------------------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| PROJECT-RELATED REQUIREMENTS                |         |         |         |         |          |          |          |          |          |          |          |          |
| Direct Project                              | 6934    | 6998    | 7063    | 7477    | 7545     | 7612     | 7680     | 7320     | 7320     | 6840     | 6840     | 6840     |
| Total Project                               | 8298    | 8375    | 8452    | 8880    | 8960     | 9040     | 9120     | 8760     | 8760     | 8280     | 8280     | 8280     |
| BASELINE                                    | 741562  | 804534  | 872821  | 946771  | 1026981  | 1113823  | 1208040  | 1298640  | 1395960  | 1500720  | 1613280  | 1734240  |
| TOTAL REQUIREMENTS                          | 749861  | 812910  | 881273  | 955651  | 1035941  | 1122863  | 1217160  | 1307400  | 1404720  | 1509000  | 1621560  | 1742520  |
| Direct Require. As %<br>Increase Over Basel |         |         |         |         |          |          |          |          |          |          |          |          |
| Total Require. As %<br>Increase Over Basel  | 1       | 1       |         |         |          |          |          |          |          |          |          |          |
| 1983 Capacity                               | 0       | 0       | 0       | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Excess (Under) Cap.                         | -749861 | -812910 | -881273 | -955651 | -1035941 | -1122863 | -1217160 | -1307400 | -1404720 | -1509000 | -1621560 | -1742520 |
| % Capacity Utiliz.                          | 0       | 0       | 0       | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

Source: Frank Urth & Associates, Inc.

FSER/SOLIDV/SOLIDWA1/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:00

USER = SUS

PAGE: 172

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH  
 (IN ACRES)

| YEARS                                         | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                  |        |        |        |        |        |        |        |        |        |
| Direct Project                                | .15    | .20    | .38    | .52    | .59    | .74    | .72    | .62    | .41    |
| Total Project                                 | .16    | .21    | .39    | .53    | .61    | .76    | .75    | .64    | .44    |
| Total Cum. Impact                             | .16    | .37    | .76    | 1.29   | 1.90   | 2.66   | 3.41   | 4.05   | 4.49   |
| BASELINE (Cum.)                               |        |        |        |        |        |        |        |        |        |
| TOTAL REQUIREMENTS                            | 18.25  | 23.59  | 29.59  | 36.22  | 43.55  | 51.75  | 60.50  | 69.94  | 79.87  |
| Direct Requirements As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |
|                                               | 2.25   | 3.90   | 6.77   | 8.52   | 8.78   | 9.95   | 9.00   | 7.05   | 4.32   |
| Total Requirements As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |
|                                               | 3.46   | 4.09   | 6.95   | 8.69   | 9.08   | 10.22  | 9.38   | 7.27   | 4.84   |
| 1981 Capacity                                 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 |
| Excess (Under) Cap.                           | 193.75 | 188.41 | 182.41 | 175.78 | 168.45 | 160.25 | 151.50 | 142.06 | 132.13 |
| % Capacity Utiliz.                            | 6.61   | 11.13  | 13.96  | 17.08  | 20.54  | 24.41  | 28.54  | 32.99  | 37.67  |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDV/SOLIDWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:04

USER = SUS

PAGE: 173

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)  
 (IN ACRES)

| YEARS                                            | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                     |        |        |        |        |        |        |        |        |        |
| Direct Project                                   | .02    | .04    | .04    | .06    | .07    | .10    | .11    | .10    | .10    |
| Total Project                                    | .03    | .04    | .05    | .08    | .10    | .13    | .13    | .13    | .12    |
| Total Cum. Impact                                | .03    | .08    | .14    | .22    | .32    | .46    | .59    | .73    | .86    |
| -----                                            |        |        |        |        |        |        |        |        |        |
| BASELINE (Cum.)                                  | 18.07  | 23.20  | 28.80  | 34.91  | 41.62  | 49.06  | 57.05  | 65.85  | 75.34  |
| -----                                            |        |        |        |        |        |        |        |        |        |
| TOTAL REQUIREMENTS                               | 18.10  | 23.28  | 28.94  | 35.13  | 41.95  | 49.52  | 57.65  | 66.59  | 76.20  |
| =====                                            |        |        |        |        |        |        |        |        |        |
| Direct Requirements As %<br>Increase Over Basel. | .55    | .77    | .85    | 1.08   | 1.17   | 1.47   | 1.39   | 1.23   | 1.08   |
| Total Requirements As %<br>Increase Over Basel.  | .69    | .96    | 1.05   | 1.37   | 1.49   | 1.84   | 1.73   | 1.53   | 1.35   |
| 1981 Capacity                                    | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 |
| Excess (Under) Cap.                              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| % Capacity Utiliz.                               | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDV/SOLIDW4H/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:10

USER = SUS

PAGE: 174

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN TRAPPER CREEK  
 (IN ACRES)

| YEARS                                         | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                  |       |       |       |       |       |       |       |       |       |
| Direct Project                                | 0.00  | .01   | .01   | .01   | .01   | .02   | .01   | .01   | .01   |
| Total Project                                 | 0.00  | .01   | .01   | .01   | .02   | .02   | .02   | .02   | .02   |
| Total Cum. Impact                             | 0.00  | .01   | .02   | .03   | .05   | .07   | .09   | .11   | .13   |
| BASELINE (Cum.)                               |       |       |       |       |       |       |       |       |       |
|                                               | .14   | .17   | .21   | .25   | .29   | .34   | .39   | .44   | .50   |
| TOTAL REQUIREMENTS                            |       |       |       |       |       |       |       |       |       |
|                                               | .14   | .18   | .23   | .28   | .34   | .41   | .48   | .55   | .63   |
| Direct Requirements As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |
|                                               | 0.00  | 33.33 | 25.00 | 25.00 | 25.00 | 40.00 | 20.00 | 20.00 | 16.67 |
| Total Requirements As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |
|                                               | 0.00  | 33.33 | 25.00 | 25.00 | 50.00 | 40.00 | 40.00 | 40.00 | 33.33 |
| 1991 Capacity                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| Excess (Under) Cap.                           | (.14) | (.18) | (.23) | (.28) | (.34) | (.41) | (.48) | (.55) | (.63) |
| % Capacity Utiliz.                            | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |

Source: Frank Orth & Associates, Inc.

FSER/SLIDV/SLIDWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:15

USER = SUS

PAGE: 175

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN TALKEETNA  
 (IN ACRES)

| YEARS                                         | 1985 | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                  |      |       |       |       |       |       |       |       |       |
| Direct Project                                | 0.00 | .01   | .01   | .01   | .01   | .01   | .01   | .01   | .01   |
| Total Project                                 | 0.00 | .01   | .01   | .01   | .01   | .02   | .02   | .02   | .02   |
| Total Cum. Impact                             | 0.00 | .01   | .02   | .03   | .04   | .06   | .08   | .10   | .12   |
| BASELINE (Cum.)                               |      |       |       |       |       |       |       |       |       |
|                                               | .19  | .24   | .30   | .36   | .43   | .50   | .58   | .66   | .75   |
| TOTAL REQUIREMENTS                            |      |       |       |       |       |       |       |       |       |
|                                               | .19  | .25   | .32   | .39   | .47   | .56   | .66   | .76   | .87   |
| Direct Requirements As % Increase Over Basel. |      |       |       |       |       |       |       |       |       |
|                                               | 0.00 | 20.00 | 16.67 | 16.67 | 14.29 | 14.29 | 12.50 | 12.50 | 11.11 |
| Total Requirements As % Increase Over Basel.  |      |       |       |       |       |       |       |       |       |
|                                               | 0.00 | 20.00 | 16.67 | 16.67 | 14.29 | 28.57 | 25.00 | 25.00 | 22.22 |
| 1981 Capacity                                 |      |       |       |       |       |       |       |       |       |
|                                               | 5.00 | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  |
| Excess (Under) Cap.                           |      |       |       |       |       |       |       |       |       |
|                                               | 4.81 | 4.75  | 4.68  | 4.61  | 4.53  | 4.44  | 4.34  | 4.24  | 4.13  |
| % Capacity Utiliz.                            |      |       |       |       |       |       |       |       |       |
|                                               | 3.80 | 5.00  | 6.40  | 7.80  | 9.40  | 11.20 | 13.20 | 15.20 | 17.40 |

Source: Frank Orth & Associates, Inc.



FSER/SOLIDV/SOLIDWAM/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:20

USER = SUS

PAGE: 176

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN CANTWELL  
 (IN ACRES)

| YEARS                                         | 1985  | 1986  | 1987  | 1988  | 1989  | 1990   | 1991  | 1992  | 1993  |
|-----------------------------------------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                  |       |       |       |       |       |        |       |       |       |
| Direct Project                                | .01   | .01   | .01   | .01   | .02   | .02    | .02   | .02   | .02   |
| Total Project                                 | .01   | .01   | .01   | .02   | .02   | .03    | .03   | .03   | .02   |
| Total Cum. Impact                             | .01   | .02   | .03   | .05   | .07   | .10    | .13   | .16   | .18   |
| BASELINE (Cum.)                               |       |       |       |       |       |        |       |       |       |
|                                               | .11   | .14   | .17   | .20   | .23   | .26    | .30   | .34   | .38   |
| TOTAL REQUIREMENTS                            |       |       |       |       |       |        |       |       |       |
|                                               | .12   | .16   | .20   | .25   | .30   | .36    | .43   | .50   | .56   |
| Direct Requirements As % Increase Over Basel. |       |       |       |       |       |        |       |       |       |
|                                               | 33.33 | 33.33 | 33.33 | 33.33 | 66.67 | 66.67  | 50.00 | 50.00 | 50.00 |
| Total Requirements As % Increase Over Basel.  |       |       |       |       |       |        |       |       |       |
|                                               | 33.33 | 33.33 | 33.33 | 66.67 | 66.67 | 100.00 | 75.00 | 75.00 | 50.00 |
| 1981 Capacity                                 | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00   | 2.00  | 2.00  | 2.00  |
| Excess (Under) Cap.                           | 1.88  | 1.84  | 1.80  | 1.75  | 1.70  | 1.64   | 1.57  | 1.50  | 1.44  |
| % Capacity Utiliz.                            | 6.00  | 8.00  | 10.00 | 12.50 | 15.00 | 18.00  | 21.50 | 25.00 | 28.00 |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDV/SOLIDCH/FSERKPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:32

USER = SUS

PAGE: 177

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH  
 (IN ACRES)

| YEARS                                         | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004    | 2005    |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| PROJECT-RELATED REQUIREMENTS                  |        |        |        |        |        |        |        |        |        |        |         |         |
| Direct Project                                | .35    | .29    | .37    | .49    | .59    | .63    | .60    | .46    | .26    | .22    | .22     | .22     |
| Total Project                                 | .38    | .32    | .40    | .52    | .62    | .66    | .64    | .50    | .29    | .25    | .25     | .25     |
| Total Cum. Impact                             | 4.87   | 5.19   | 5.59   | 6.11   | 6.73   | 7.39   | 8.03   | 8.53   | 8.82   | 9.07   | 9.32    | 9.57    |
| BASELINE (Cum.)                               |        |        |        |        |        |        |        |        |        |        |         |         |
|                                               | 85.55  | 96.38  | 107.95 | 120.32 | 133.50 | 147.53 | 162.46 | 177.94 | 193.99 | 210.65 | 227.95  | 245.91  |
| TOTAL REQUIREMENTS                            |        |        |        |        |        |        |        |        |        |        |         |         |
|                                               | 90.42  | 101.57 | 113.54 | 126.43 | 140.23 | 154.92 | 170.49 | 186.47 | 202.81 | 219.72 | 237.27  | 255.48  |
| Direct Requirements As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |         |         |
|                                               | 3.44   | 2.68   | 3.20   | 3.96   | 4.48   | 4.49   | 4.02   | 2.97   | 1.62   | 1.32   | 1.27    | 1.22    |
| Total Requirements As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |         |         |
|                                               | 3.74   | 2.95   | 3.46   | 4.20   | 4.70   | 4.70   | 4.29   | 3.23   | 1.81   | 1.50   | 1.45    | 1.39    |
| 1981 Capacity                                 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00  | 212.00  |
| Excess (Under) Cap.                           | 121.58 | 110.43 | 98.46  | 85.57  | 71.77  | 57.08  | 41.51  | 25.53  | 9.19   | (7.72) | (25.27) | (43.48) |
| % Capacity Utiliz.                            | 42.65  | 47.91  | 53.56  | 59.64  | 66.15  | 73.08  | 80.42  | 87.96  | 95.67  | 103.64 | 111.92  | 120.51  |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDV/SOLIDOCN/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:58

USER = SUS

PAGE: 178

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)  
 (IN ACRES)

| YEARS                                         | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                  |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                                | .10    | .10    | .10    | .11    | .12    | .12    | .12    | .12    | .11    | .11    | .11    | .11    |
| Total Project                                 | .13    | .13    | .13    | .14    | .15    | .15    | .16    | .15    | .14    | .14    | .14    | .14    |
| Total Cum. Impact                             | .99    | 1.12   | 1.25   | 1.40   | 1.55   | 1.71   | 1.87   | 2.02   | 2.17   | 2.31   | 2.46   | 2.60   |
| BASELINE (Cum.)                               |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL REQUIREMENTS                            | 86.50  | 97.46  | 109.17 | 121.68 | 135.01 | 149.20 | 164.28 | 179.92 | 196.12 | 212.93 | 230.37 | 248.47 |
| Direct Requirements As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |        |        |
|                                               | 1.00   | .95    | .93    | .93    | .91    | .88    | .85    | .77    | .72    | .69    | .66    | .64    |
| Total Requirements As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |        |        |
|                                               | 1.28   | 1.20   | 1.19   | 1.18   | 1.16   | 1.12   | 1.07   | .99    | .92    | .87    | .84    | .80    |
| 1981 Capacity                                 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 | 212.00 |
| Excess (Under) Cap.                           | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| % Capacity Utiliz.                            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDIV/SOLIDDOC/FSERAPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:31:46

USER = SUS

PAGE: 179

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN TRAPPER CREEK  
 (IN ACRES)

| YEARS                                         | 1994  | 1995  | 1996  | 1997  | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|-----------------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                  |       |       |       |       |        |        |        |        |        |        |        |        |
| Direct Project                                | .01   | .01   | .01   | .02   | .02    | .02    | .02    | .02    | .02    | .02    | .02    | .02    |
| Total Project                                 | .02   | .02   | .02   | .02   | .02    | .02    | .02    | .02    | .02    | .02    | .02    | .02    |
| Total Cum. Impact                             | .15   | .17   | .19   | .21   | .23    | .25    | .27    | .29    | .31    | .33    | .35    | .37    |
| BASELINE (Cum.)                               |       |       |       |       |        |        |        |        |        |        |        |        |
|                                               | .56   | .63   | .70   | .78   | .86    | .95    | 1.04   | 1.14   | 1.24   | 1.34   | 1.45   | 1.56   |
| TOTAL REQUIREMENTS                            |       |       |       |       |        |        |        |        |        |        |        |        |
|                                               | .71   | .80   | .89   | .99   | 1.09   | 1.20   | 1.31   | 1.43   | 1.55   | 1.67   | 1.80   | 1.93   |
| Direct Requirements As % Increase Over Basel. |       |       |       |       |        |        |        |        |        |        |        |        |
|                                               | 16.67 | 14.29 | 14.29 | 25.00 | 25.00  | 22.22  | 22.22  | 20.00  | 20.00  | 20.00  | 18.18  | 18.18  |
| Total Requirements As % Increase Over Basel.  |       |       |       |       |        |        |        |        |        |        |        |        |
|                                               | 33.33 | 28.57 | 28.57 | 25.00 | 25.00  | 22.22  | 22.22  | 20.00  | 20.00  | 20.00  | 18.18  | 18.18  |
| 1981 Capacity                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| Excess (Under) Cap.                           | (.71) | (.80) | (.89) | (.99) | (1.09) | (1.20) | (1.31) | (1.43) | (1.55) | (1.67) | (1.80) | (1.93) |
| % Capacity Utiliz.                            | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDV/SOLIDDCH/FSERKPT4  
 Alternate J1 of 01  
 05/04/84 AT 15:01:52

USER = SUS PAGE: 180

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN TALKEETNA  
 (IN ACRES)

| YEARS                        | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project               | .01   | .01   | .01   | .02   | .02   | .02   | .02   | .02   | .01   | .01   | .01   | .01   |
| Total Project                | .02   | .02   | .02   | .02   | .02   | .02   | .02   | .02   | .02   | .02   | .02   | .02   |
| Total Cum. Impact            | .14   | .16   | .18   | .20   | .22   | .24   | .26   | .28   | .30   | .32   | .34   | .36   |
| BASELINE (Cum.)              |       |       |       |       |       |       |       |       |       |       |       |       |
|                              | .85   | .95   | 1.08  | 1.20  | 1.33  | 1.48  | 1.64  | 1.80  | 1.97  | 2.15  | 2.34  | 2.54  |
| TOTAL REQUIREMENTS           |       |       |       |       |       |       |       |       |       |       |       |       |
|                              | .99   | 1.12  | 1.26  | 1.40  | 1.55  | 1.72  | 1.90  | 2.08  | 2.27  | 2.47  | 2.68  | 2.90  |
| Direct Requirements As %     |       |       |       |       |       |       |       |       |       |       |       |       |
| Increase Over Basel.         | 10.00 | 9.09  | 8.33  | 16.67 | 15.38 | 13.33 | 12.50 | 12.50 | 5.88  | 5.56  | 5.26  | 5.00  |
| Total Requirements As %      |       |       |       |       |       |       |       |       |       |       |       |       |
| Increase Over Basel.         | 20.00 | 18.13 | 16.67 | 16.67 | 15.38 | 13.33 | 12.50 | 12.50 | 11.76 | 11.11 | 10.53 | 10.00 |
| 1981 Capacity                |       |       |       |       |       |       |       |       |       |       |       |       |
|                              | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  | 5.00  |
| Excess (Under) Cap.          |       |       |       |       |       |       |       |       |       |       |       |       |
|                              | 4.01  | 3.88  | 3.74  | 3.60  | 3.45  | 3.28  | 3.10  | 2.92  | 2.73  | 2.53  | 2.32  | 2.10  |
| % Capacity Utiliz.           |       |       |       |       |       |       |       |       |       |       |       |       |
|                              | 19.60 | 22.40 | 25.20 | 28.00 | 31.00 | 34.40 | 38.00 | 41.60 | 45.40 | 49.40 | 53.60 | 58.00 |

Source: Frank Orth & Associates, Inc.

FSER/SOLIDV/SOLIDDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:01:57

USER = SUS

PAGE: 181

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES  
 IN CANTWELL  
 (IN ACRES)

| YEARS                                         | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|-----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                                | .02   | .02   | .02   | .02   | .03   | .03   | .03   | .03   | .02   | .02   | .02   | .02   |
| Total Project                                 | .02   | .02   | .03   | .03   | .03   | .03   | .03   | .03   | .03   | .03   | .03   | .03   |
| Total Cum. Impact                             | .20   | .22   | .25   | .28   | .31   | .34   | .37   | .40   | .43   | .46   | .49   | .52   |
| BASELINE (Cum.)                               |       |       |       |       |       |       |       |       |       |       |       |       |
|                                               | .42   | .47   | .52   | .57   | .62   | .67   | .73   | .79   | .85   | .91   | .97   | 1.03  |
| TOTAL REQUIREMENTS                            |       |       |       |       |       |       |       |       |       |       |       |       |
|                                               | .62   | .69   | .77   | .85   | .93   | 1.01  | 1.10  | 1.19  | 1.28  | 1.37  | 1.46  | 1.55  |
| Direct Requirements As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |       |       |       |
|                                               | 50.00 | 40.00 | 40.00 | 40.00 | 60.00 | 60.00 | 50.00 | 50.00 | 33.33 | 33.33 | 33.33 | 33.33 |
| Total Requirements As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                               | 50.00 | 40.00 | 60.00 | 60.00 | 60.00 | 60.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 |
| 1981 Capacity                                 | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  | 2.00  |
| Excess (Under) Cap.                           | 1.38  | 1.31  | 1.23  | 1.15  | 1.07  | .99   | .90   | .81   | .72   | .63   | .54   | .45   |
| % Capacity Utiliz.                            | 31.00 | 34.50 | 38.50 | 42.50 | 46.50 | 50.50 | 55.00 | 59.50 | 64.00 | 68.50 | 73.00 | 77.50 |

Source: Frank Orth & Associates, Inc.

FSER/POLICEV/POLICWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:11

USER = SUS

PAGE: 182

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE MATANUSKA-SUSITNA BOROUGH  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |        |        |        |        |        |        |        |        |        |
| Direct Project                               | 1.14   | 1.41   | 2.59   | 3.38   | 3.76   | 4.49   | 4.26   | 3.50   | 2.22   |
| Total Project                                | 1.21   | 1.52   | 2.72   | 3.59   | 3.98   | 4.77   | 4.54   | 3.75   | 2.45   |
| BASELINE (Cum.)                              | 38.85  | 41.52  | 43.79  | 46.04  | 48.97  | 52.41  | 54.66  | 58.21  | 60.99  |
| TOTAL REQUIREMENTS                           | 40.06  | 43.04  | 46.51  | 49.63  | 52.95  | 57.18  | 59.20  | 61.96  | 63.44  |
| Direct Require. As %<br>Increase Over Basel. | 2.93   | 3.40   | 5.91   | 7.34   | 7.68   | 8.57   | 7.79   | 6.01   | 3.64   |
| Total Require. As %<br>Increase Over Basel.  | 3.11   | 3.66   | 6.21   | 7.80   | 8.13   | 9.10   | 8.31   | 6.44   | 4.02   |
| 1983 Capacity                                | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  |
| Excess (Under) Cap.                          | -11.06 | -14.04 | -17.51 | -20.63 | -23.95 | -28.18 | -30.20 | -32.96 | -34.44 |
| % Capacity Utiliz.                           | 138.14 | 148.41 | 160.38 | 171.14 | 182.59 | 197.17 | 204.14 | 213.66 | 218.76 |

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FSER/POLICEV/POLICWAR/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:15

USER = SUS

PAGE: 183

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |        |        |        |        |        |        |        |        |        |
| Direct Project                               | .15    | .21    | .25    | .32    | .38    | .51    | .49    | .47    | .44    |
| Total Project                                | .29    | .43    | .48    | .65    | .75    | .99    | .97    | .92    | .83    |
| BASELINE (Cum.)                              | 38.85  | 41.52  | 43.79  | 46.04  | 48.97  | 52.41  | 54.66  | 58.21  | 60.99  |
| TOTAL REQUIREMENTS                           | 39.14  | 41.95  | 44.27  | 46.69  | 49.72  | 53.40  | 55.63  | 59.13  | 61.82  |
| Direct Require. As %<br>Increase Over Basel. | .39    | .51    | .57    | .70    | .78    | .97    | .90    | .81    | .72    |
| Total Require. As %<br>Increase Over Basel.  | .75    | 1.04   | 1.10   | 1.41   | 1.53   | 1.89   | 1.77   | 1.58   | 1.36   |
| 1983 Capacity                                | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  |
| Excess (Under) Cap.                          | -10.14 | -12.95 | -15.27 | -17.69 | -20.72 | -24.40 | -26.63 | -30.13 | -32.82 |
| % Capacity Utiliz.                           | 134.97 | 144.66 | 152.66 | 161.00 | 171.45 | 184.14 | 191.83 | 203.90 | 213.17 |

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FSER/POLICEV/PELICWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:19

USER = SUS

PAGE: 184

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE CITY OF PALMER  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .03   | .04   | .05   | .06   | .08   | .10   | .10   | .09   | .09   |
| Total Project                                | .03   | .05   | .06   | .07   | .09   | .11   | .11   | .11   | .10   |
| BASELINE (Cum.)                              | 4.66  | 4.96  | 5.28  | 5.63  | 5.99  | 6.38  | 6.61  | 6.84  | 7.08  |
| TOTAL REQUIREMENTS                           | 4.69  | 5.01  | 5.34  | 5.70  | 6.08  | 6.49  | 6.72  | 6.95  | 7.18  |
| Direct Require. As %<br>Increase Over Basel. | .64   | .81   | .95   | 1.07  | 1.34  | 1.57  | 1.51  | 1.32  | 1.27  |
| Total Require. As %<br>Increase Over Basel.  | .64   | 1.01  | 1.14  | 1.24  | 1.50  | 1.72  | 1.66  | 1.61  | 1.41  |
| 1983 Capacity                                | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 |
| Excess (Under) Cap.                          | 9.31  | 8.99  | 8.66  | 8.30  | 7.92  | 7.51  | 7.28  | 7.05  | 6.82  |
| % Capacity Utiliz.                           | 33.50 | 35.79 | 38.14 | 40.71 | 43.43 | 46.36 | 48.00 | 49.64 | 51.29 |

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FSER/POLICEV/POLICWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:24

USER = SUS

PAGE: 185

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE COMMUNITY OF TRAPPER CREEK  
 (NUMBERS OF OFFICERS)

| YEARS                                     | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS              |       |       |       |       |       |       |       |       |       |
| Direct Project                            | .03   | .04   | .05   | .05   | .07   | .10   | .09   | .09   | .08   |
| Total Project                             | .04   | .06   | .07   | .10   | .11   | .14   | .14   | .13   | .11   |
| BASELINE (Cum.)                           |       |       |       |       |       |       |       |       |       |
| TOTAL REQUIREMENTS                        | .29   | .32   | .34   | .38   | .40   | .44   | .45   | .45   | .45   |
| =====                                     |       |       |       |       |       |       |       |       |       |
| Direct Require. As % Increase Over Basel. | 12.00 | 15.38 | 18.52 | 21.43 | 24.14 | 33.33 | 29.03 | 28.13 | 23.53 |
| Total Require. As % Increase Over Basel.  | 16.00 | 23.08 | 25.93 | 35.71 | 37.93 | 46.67 | 45.16 | 40.63 | 32.35 |
| 1983 Capacity                             | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  |
| Excess (Under) Cap.                       | 2.71  | 2.68  | 2.65  | 2.62  | 2.60  | 2.56  | 2.55  | 2.55  | 2.55  |
| % Capacity Utiliz.                        | 9.67  | 10.67 | 11.33 | 12.67 | 13.33 | 14.67 | 15.00 | 15.00 | 15.00 |

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FSER/POLICEV/POLICWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:29

USER = SUS

PAGE: 186

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 AT THE WORK CAMPS AND FAMILY VILLAGES  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1985 | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |      |       |       |       |       |       |       |       |       |
| Direct Project                               | .98  | 1.19  | 2.34  | 3.06  | 3.37  | 3.98  | 3.76  | 3.02  | 1.78  |
| Total Project                                | .98  | 1.19  | 2.34  | 3.06  | 3.37  | 3.98  | 3.76  | 3.02  | 1.78  |
| BASELINE (Cum.)                              | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| TOTAL REQUIREMENTS                           | .98  | 1.19  | 2.34  | 3.06  | 3.37  | 3.98  | 3.76  | 3.02  | 1.78  |
| Direct Require. As %<br>Increase Over Basel. | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| Total Require. As %<br>Increase Over Basel.  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| 1983 Capacity                                | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| Excess (Under) Cap.                          | -.98 | -1.19 | -2.34 | -3.06 | -3.37 | -3.98 | -3.76 | -3.02 | -1.78 |
| % Capacity Utiliz.                           | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |

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PSER/POLICEV/POLICWAH/PSERRPT+  
 Alternata 01 of 01  
 05/04/84 AT 15:02:34

USER = SUS

PAGE: 187

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE COMMUNITY OF CANTWELL  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .06   | .10   | .07   | .09   | .11   | .15   | .14   | .13   | .12   |
| Total Project                                | .07   | .11   | .08   | .10   | .12   | .16   | .16   | .15   | .14   |
| BASELINE (Cum.)                              |       |       |       |       |       |       |       |       |       |
| TOTAL REQUIREMENTS                           | .27   | .32   | .29   | .31   | .34   | .38   | .39   | .38   | .38   |
| Direct Require. As %<br>Increase Over Basel. | 30.00 | 47.62 | 33.33 | 42.86 | 50.00 | 68.18 | 60.87 | 56.52 | 50.00 |
| Total Require. As %<br>Increase Over Basel.  | 35.00 | 52.38 | 38.10 | 47.62 | 54.55 | 72.73 | 69.57 | 65.22 | 58.33 |
| 1985 Capacity                                | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |
| Excess (Under) Cap.                          | .73   | .68   | .71   | .69   | .66   | .62   | .61   | .62   | .62   |
| % Capacity Utiliz.                           | 27.00 | 32.00 | 29.00 | 31.00 | 34.00 | 38.00 | 39.00 | 38.00 | 38.00 |

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FSER/POLICEV/POLICDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:42

USER = SUS PAGE: 188

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE MATANUSKA-SUSITNA BOROUGH  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                               | 1.83   | 1.45   | 1.83   | 2.39   | 2.81   | 2.89   | 2.72   | 2.06   | 1.09   | .91    | .91    | .91    |
| Total Project                                | 2.07   | 1.67   | 2.06   | 2.63   | 3.06   | 3.15   | 2.97   | 2.29   | 1.32   | 1.12   | 1.12   | 1.12   |
| BASELINE (Cum.)                              | 63.55  | 65.95  | 68.68  | 71.57  | 74.50  | 77.50  | 80.64  | 83.91  | 87.35  | 90.97  | 94.78  | 98.77  |
| TOTAL REQUIREMENTS                           | 65.62  | 67.62  | 70.74  | 74.20  | 77.56  | 80.65  | 83.61  | 86.20  | 88.67  | 92.09  | 95.90  | 99.89  |
| Direct Require. As %<br>Increase Over Basel. | 2.88   | 2.20   | 2.66   | 3.34   | 3.77   | 3.73   | 3.37   | 2.46   | 1.25   | 1.00   | .96    | .92    |
| Total Require. As %<br>Increase Over Basel.  | 3.26   | 2.53   | 3.00   | 3.67   | 4.11   | 4.06   | 3.68   | 2.73   | 1.51   | 1.23   | 1.18   | 1.13   |
| 1983 Capacity                                | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  |
| Excess (Under) Cap.                          | -36.62 | -38.62 | -41.74 | -45.20 | -48.56 | -51.65 | -54.61 | -57.20 | -59.67 | -63.09 | -66.90 | -70.89 |
| % Capacity Utiliz.                           | 226.28 | 233.17 | 243.93 | 255.86 | 267.45 | 278.10 | 288.31 | 297.24 | 305.76 | 317.55 | 330.69 | 344.45 |

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FSE/POLICEV/POLICOCCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:47

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PAGE: 189

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                               | .42    | .42    | .42    | .44    | .44    | .44    | .44    | .42    | .41    | .41    | .41    | .41    |
| Total Project                                | .84    | .81    | .82    | .84    | .87    | .87    | .86    | .82    | .80    | .78    | .78    | .78    |
| BASLINE (Cum.)                               | 63.55  | 65.95  | 69.68  | 71.57  | 74.50  | 77.50  | 80.64  | 83.91  | 87.35  | 90.97  | 94.78  | 98.77  |
| TOTAL REQUIREMENTS                           | 64.37  | 66.76  | 69.50  | 72.41  | 75.37  | 78.37  | 81.50  | 84.73  | 88.15  | 91.75  | 95.56  | 99.55  |
| Direct Require. As %<br>Increase Over Basel. | .66    | .64    | .61    | .61    | .59    | .57    | .55    | .50    | .47    | .45    | .43    | .42    |
| Total Require. As %<br>Increase Over Basel.  | 1.29   | 1.23   | 1.19   | 1.17   | 1.17   | 1.12   | 1.07   | .98    | .92    | .86    | .82    | .79    |
| 1983 Capacity                                | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  | 29.00  |
| Excess (Under) Cap.                          | -35.37 | -37.76 | -40.50 | -43.41 | -46.37 | -49.37 | -52.50 | -55.73 | -59.15 | -62.75 | -66.56 | -70.55 |
| % Capacity Utiliz.                           | 221.97 | 230.21 | 239.66 | 249.69 | 259.90 | 270.24 | 281.03 | 292.17 | 303.97 | 316.38 | 329.52 | 343.28 |

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FSER/POLICEV/POLICDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:02:51

USER = SUS PAGE: 190

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE CITY OF PALMER  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .08   | .08   | .08   | .09   | .09   | .09   | .09   | .08   | .08   | .08   | .08   | .08   |
| Total Project                                | .10   | .10   | .10   | .10   | .10   | .10   | .10   | .10   | .10   | .10   | .10   | .10   |
| BASELINE (Cum.)                              | 7.32  | 7.58  | 7.85  | 8.12  | 8.40  | 8.70  | 9.00  | 9.32  | 9.65  | 9.98  | 10.33 | 10.69 |
| TOTAL REQUIREMENTS                           | 7.42  | 7.68  | 7.95  | 8.22  | 8.50  | 8.80  | 9.10  | 9.42  | 9.75  | 10.08 | 10.43 | 10.79 |
| Direct Require. As %<br>Increase Over Basel. | 1.09  | 1.06  | 1.02  | 1.11  | 1.07  | 1.03  | 1.00  | .86   | .83   | .80   | .77   | .75   |
| Total Require. As %<br>Increase Over Basel.  | 1.37  | 1.32  | 1.27  | 1.23  | 1.19  | 1.15  | 1.11  | 1.07  | 1.04  | 1.00  | .97   | .94   |
| 1983 Capacity                                | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 |
| Excess (Under) Cap.                          | 6.58  | 6.32  | 6.05  | 5.78  | 5.50  | 5.20  | 4.90  | 4.58  | 4.25  | 3.92  | 3.57  | 3.21  |
| % Capacity Utiliz.                           | 53.00 | 54.86 | 56.79 | 58.71 | 60.71 | 62.86 | 65.00 | 67.29 | 69.64 | 72.00 | 74.50 | 77.07 |

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FSER/POLICEV/POLICDCH/FSERRPT-  
 Alternate 01 of 01  
 05/04/84 AT 15:02:56

USER = SUS

PAGE: 191

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE COMMUNITY OF TRAPPER CREEK  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .08   | .08   | .08   | .08   | .08   | .08   | .08   | .08   | .08   | .08   | .08   | .08   |
| Total Project                                | .11   | .11   | .11   | .11   | .12   | .12   | .12   | .11   | .11   | .10   | .10   | .10   |
| BASLINE (Cum.)                               | .35   | .36   | .38   | .39   | .41   | .43   | .44   | .46   | .48   | .50   | .52   | .54   |
| TOTAL REQUIREMENTS                           | .46   | .47   | .49   | .50   | .53   | .55   | .56   | .57   | .59   | .60   | .62   | .64   |
| Direct Require. As %<br>Increase Over Basel. | 22.86 | 22.22 | 21.05 | 20.51 | 19.51 | 18.60 | 18.18 | 17.39 | 16.67 | 16.00 | 15.38 | 14.81 |
| Total Require. As %<br>Increase Over Basel.  | 31.43 | 30.56 | 28.95 | 28.21 | 29.27 | 27.91 | 27.27 | 23.91 | 22.92 | 20.00 | 19.23 | 18.52 |
| 1983 Capacity                                | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  | 3.00  |
| Excess (Under) Cap.                          | 2.54  | 2.53  | 2.51  | 2.50  | 2.47  | 2.45  | 2.44  | 2.43  | 2.41  | 2.40  | 2.38  | 2.36  |
| % Capacity Utiliz.                           | 15.33 | 15.67 | 16.33 | 16.67 | 17.67 | 18.33 | 18.67 | 19.00 | 19.67 | 20.00 | 20.67 | 21.33 |

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PSER/POLICEV/POLICDCH/PSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:01

USER = SUS PAGE: 192

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 AT THE WORK CAMPS AND FAMILY VILLAGES  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002 | 2003 | 2004 | 2005 |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |      |      |      |      |
| Direct Project                               | 1.41  | 1.03  | 1.40  | 1.95  | 2.36  | 2.45  | 2.27  | 1.63  | .68  | .49  | .49  | .49  |
| Total Project                                | 1.41  | 1.03  | 1.40  | 1.95  | 2.36  | 2.45  | 2.27  | 1.63  | .68  | .49  | .49  | .49  |
| BASELINE (Cum.)                              | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL REQUIREMENTS                           | 1.41  | 1.03  | 1.40  | 1.95  | 2.36  | 2.45  | 2.27  | 1.63  | .68  | .49  | .49  | .49  |
| Direct Require. As %<br>Increase Over Basel. | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Require. As %<br>Increase Over Basel.  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 |
| 1983 Capacity                                | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 |
| Excess (Under) Cap.                          | -1.41 | -1.03 | -1.40 | -1.95 | -2.36 | -2.45 | -2.27 | -1.63 | -.68 | -.49 | -.49 | -.49 |
| % Capacity Utiliz.                           | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 |

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FSER/POLICEV/POLICDCH/FSERPPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:05

USER = SUS

PAGE: 193

IMPACT OF THE PROJECT ON POLICE PROTECTION  
 IN THE COMMUNITY OF CANTWELL  
 (NUMBERS OF OFFICERS)

| YEARS                                        | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .12   | .12   | .12   | .12   | .13   | .13   | .12   | .12   | .12   | .11   | .11   | .11   |
| Total Project                                | .13   | .13   | .13   | .14   | .14   | .14   | .14   | .13   | .13   | .13   | .13   | .13   |
| BASELINE (Cum.)                              | .24   | .25   | .25   | .26   | .26   | .27   | .27   | .28   | .28   | .29   | .29   | .30   |
| TOTAL REQUIREMENTS                           | .37   | .38   | .38   | .40   | .40   | .41   | .41   | .41   | .41   | .42   | .42   | .43   |
| Direct Require. As %<br>Increase Over Basel. | 50.00 | 48.00 | 48.00 | 46.15 | 50.00 | 48.15 | 44.44 | 42.86 | 42.86 | 37.93 | 37.93 | 36.67 |
| Total Require. As %<br>Increase Over Basel.  | 54.17 | 52.00 | 52.00 | 53.85 | 53.85 | 51.85 | 51.85 | 46.43 | 46.43 | 44.83 | 44.83 | 43.33 |
| 1983 Capacity                                | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |
| Excess (Under) Cap.                          | .63   | .62   | .62   | .60   | .60   | .59   | .59   | .59   | .59   | .58   | .58   | .57   |
| % Capacity Utiliz.                           | 37.00 | 38.00 | 38.00 | 40.00 | 40.00 | 41.00 | 41.00 | 41.00 | 41.00 | 42.00 | 42.00 | 43.00 |

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FSER/SCHQDLV/SCHQDLNHH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:23

USER = SUS

PAGE: 194

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF PALMER - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED ENROLLMENT                  | ----- |       |       |       |       |       |       |       |       |
| Direct Project                              | 3.0   | 4.0   | 5.0   | 6.0   | 8.0   | 10.0  | 10.0  | 9.0   | 9.0   |
| Total Project                               | 3.0   | 5.0   | 6.0   | 7.0   | 9.0   | 12.0  | 12.0  | 10.0  | 10.0  |
| -----                                       |       |       |       |       |       |       |       |       |       |
| BASELINE                                    | 382.0 | 407.0 | 434.0 | 462.0 | 496.0 | 532.0 | 555.0 | 579.0 | 604.0 |
| -----                                       |       |       |       |       |       |       |       |       |       |
| TOTAL ENROLLMENT                            | 385.0 | 412.0 | 440.0 | 469.0 | 505.0 | 544.0 | 567.0 | 589.0 | 614.0 |
| =====                                       |       |       |       |       |       |       |       |       |       |
| Direct Enroll. As %<br>Increase Over Basel. | .7    | .9    | 1.1   | 1.3   | 1.6   | 1.8   | 1.8   | 1.5   | 1.4   |
| Total Enroll. As %<br>Increase Over Basel.  | .7    | 1.2   | 1.3   | 1.5   | 1.8   | 2.2   | 2.1   | 1.7   | 1.6   |
| 1983 & Planned Cap.                         | 725.0 | 725.0 | 725.0 | 725.0 | 725.0 | 725.0 | 725.0 | 725.0 | 725.0 |
| Excess (Under) Cap.                         | 340.0 | 313.0 | 285.0 | 256.0 | 220.0 | 181.0 | 158.0 | 136.0 | 111.0 |
| % Capacity Utiliz.                          | 53.1  | 56.8  | 60.6  | 64.6  | 69.6  | 75.0  | 78.2  | 81.2  | 84.6  |
| Baseline Classroom<br>Requirements          | 15.2  | 16.2  | 17.3  | 18.4  | 19.8  | 21.2  | 22.2  | 23.1  | 24.1  |
| Project-Related<br>Classroom Require.       | .1    | .2    | .2    | .2    | .3    | .4    | .4    | .4    | .4    |
| Total Classroom<br>Requirements             | 15.4  | 16.4  | 17.6  | 18.7  | 20.2  | 21.7  | 22.6  | 23.5  | 24.5  |

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FSER/SCHDCLV/SCHDLWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:29

USER = SUS

PAGE: 195

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF PALMER - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 2.0    | 4.0    | 4.0    | 6.0    | 6.0    | 8.0    | 8.0    | 8.0    | 7.0    |
| Total Project                               | 2.0    | 5.0    | 5.0    | 7.0    | 7.0    | 9.0    | 9.0    | 9.0    | 8.0    |
| BASELINE                                    | 326.0  | 347.0  | 369.0  | 393.0  | 422.0  | 454.0  | 473.0  | 493.0  | 515.0  |
| TOTAL ENROLLMENT                            | 328.0  | 352.0  | 374.0  | 400.0  | 429.0  | 463.0  | 482.0  | 502.0  | 523.0  |
| Direct Enroll. As %<br>Increase Over Basel. | .6     | 1.1    | 1.0    | 1.5    | 1.4    | 1.7    | 1.6    | 1.6    | 1.3    |
| Total Enroll. As %<br>Increase Over Basel.  | .6     | 1.4    | 1.3    | 1.7    | 1.6    | 1.9    | 1.9    | 1.8    | 1.5    |
| 1983 & Planned Cap.                         | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 |
| Excess (Under) Cap.                         | 1272.0 | 1248.0 | 1226.0 | 1200.0 | 1171.0 | 1137.0 | 1118.0 | 1098.0 | 1077.0 |
| % Capacity Utiliz.                          | 20.5   | 22.0   | 23.3   | 25.0   | 26.8   | 28.9   | 30.1   | 31.3   | 32.6   |
| Baseline Classroom<br>Requirements          | 15.5   | 16.5   | 17.5   | 18.7   | 20.1   | 21.6   | 22.5   | 23.4   | 24.5   |
| Project-Related<br>Classroom Require.       | .1     | .2     | .2     | .3     | .3     | .4     | .4     | .4     | .3     |
| Total Classroom<br>Requirements             | 15.6   | 16.7   | 17.8   | 19.0   | 20.4   | 22.0   | 22.9   | 23.9   | 24.9   |

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FSEB/SCHDULV/SCHDULAH/FSEBRPT.  
 Alternate 01 of 01  
 05/04/84 AT 15:03:35

USER = SUS

PAGE: 195

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF PALMER - TOTAL SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 5.0    | 8.0    | 9.0    | 12.0   | 14.0   | 18.0   | 18.0   | 17.0   | 16.0   |
| Total Project                               | 5.0    | 10.0   | 11.0   | 14.0   | 16.0   | 21.0   | 21.0   | 19.0   | 18.0   |
| BASELINE                                    | 708.0  | 754.0  | 803.0  | 855.0  | 918.0  | 986.0  | 1028.0 | 1072.0 | 1119.0 |
| TOTAL ENROLLMENT                            | 713.0  | 764.0  | 814.0  | 869.0  | 934.0  | 1007.0 | 1049.0 | 1091.0 | 1137.0 |
| Direct Enroll. As %<br>Increase Over Basel. | .7     | 1.0    | 1.1    | 1.4    | 1.5    | 1.8    | 1.7    | 1.5    | 1.4    |
| Total Enroll. As %<br>Increase Over Basel.  | .7     | 1.3    | 1.3    | 1.6    | 1.7    | 2.1    | 2.0    | 1.7    | 1.6    |
| 1983 & Planned Cap.                         | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 |
| Excess (Under) Cap.                         | 1612.0 | 1561.0 | 1511.0 | 1456.0 | 1391.0 | 1318.0 | 1276.0 | 1234.0 | 1188.0 |
| % Capacity Utiliz.                          | 30.6   | 32.8   | 35.0   | 37.3   | 40.1   | 43.3   | 45.1   | 46.9   | 48.9   |
| Baseline Classroom<br>Requirements          | 30.8   | 32.8   | 34.9   | 37.1   | 39.9   | 42.9   | 44.7   | 46.6   | 48.6   |
| Project-Related<br>Classroom Require.       | .2     | .4     | .4     | .6     | .6     | .9     | .9     | .8     | .7     |
| Total Classroom<br>Requirements             | 31.0   | 33.2   | 35.4   | 37.8   | 40.6   | 43.8   | 45.6   | 47.4   | 49.4   |

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FSER/SCHDULV/SCHDLWH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:42

USER = SUS

PAGE: 197

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF WASILLA - PRIMARY SCHOOL CHILDREN

| YEARS                                         | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                         |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED ENROLLMENT                    | -----  |        |        |        |        |        |        |        |        |
| Direct Project                                | 3.0    | 5.0    | 5.0    | 7.0    | 8.0    | 11.0   | 11.0   | 10.0   | 10.0   |
| Total Project                                 | 3.0    | 6.0    | 6.0    | 8.0    | 9.0    | 13.0   | 13.0   | 12.0   | 11.0   |
| -----                                         |        |        |        |        |        |        |        |        |        |
| BASELINE                                      | 419.0  | 450.0  | 484.0  | 520.0  | 564.0  | 611.0  | 662.0  | 717.0  | 777.0  |
| -----                                         |        |        |        |        |        |        |        |        |        |
| TOTAL ENROLLMENT                              | 422.0  | 456.0  | 490.0  | 528.0  | 573.0  | 624.0  | 675.0  | 729.0  | 788.0  |
| =====                                         |        |        |        |        |        |        |        |        |        |
| Direct Enroll. As %<br>Increase Over Baseline | .7     | 1.1    | 1.0    | 1.3    | 1.4    | 1.8    | 1.6    | 1.3    | 1.2    |
| Total Enroll. As %<br>Increase Over Baseline  | .7     | 1.3    | 1.2    | 1.5    | 1.6    | 2.1    | 1.9    | 1.6    | 1.4    |
| 1983 & Planned Cap.                           | 1050.0 | 1050.0 | 1050.0 | 1050.0 | 1050.0 | 1050.0 | 1050.0 | 1050.0 | 1050.0 |
| Excess (Under) Cap.                           | 628.0  | 594.0  | 560.0  | 522.0  | 477.0  | 426.0  | 375.0  | 321.0  | 262.0  |
| % Capacity Utiliz.                            | 40.1   | 43.4   | 46.6   | 50.2   | 54.5   | 59.4   | 64.2   | 69.4   | 75.0   |
| Baseline Classroom<br>Requirements            | 16.7   | 18.0   | 19.3   | 20.8   | 22.5   | 24.4   | 26.4   | 28.6   | 31.0   |
| Project-Related<br>Classroom Require.         | .1     | .2     | .2     | .3     | .3     | .5     | .5     | .4     | .4     |
| Total Classroom<br>Requirements               | 16.8   | 18.2   | 19.6   | 21.1   | 22.9   | 24.9   | 27.0   | 29.1   | 31.5   |

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 Alternate 01 of 01  
 03/04/84 AT 15:03:47

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PAGE: 198

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF WASHILLA - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 3.0    | 4.0    | 5.0    | 6.0    | 7.0    | 10.0   | 10.0   | 9.0    | 8.0    |
| Total Project                               | 3.0    | 5.0    | 6.0    | 7.0    | 8.0    | 11.0   | 11.0   | 10.0   | 9.0    |
| BASELINE                                    | 357.0  | 384.0  | 412.0  | 443.0  | 480.0  | 521.0  | 564.0  | 611.0  | 662.0  |
| TOTAL ENROLLMENT                            | 360.0  | 389.0  | 418.0  | 450.0  | 488.0  | 532.0  | 575.0  | 621.0  | 671.0  |
| Direct Enroll. As %<br>Increase Over Basel. | .8     | 1.0    | 1.2    | 1.3    | 1.4    | 1.9    | 1.7    | 1.4    | 1.2    |
| Total Enroll. As %<br>Increase Over Basel.  | .8     | 1.3    | 1.4    | 1.5    | 1.6    | 2.1    | 1.9    | 1.6    | 1.3    |
| 1983 & Planned Cap.                         | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 |
| Excess (Under) Cap.                         | 1440.0 | 1411.0 | 1382.0 | 1350.0 | 1312.0 | 1268.0 | 1225.0 | 1179.0 | 1129.0 |
| % Capacity Utiliz.                          | 20.0   | 21.6   | 23.2   | 25.0   | 27.1   | 29.5   | 31.9   | 34.5   | 37.2   |
| Baseline Classroom<br>Requirements          | 17.0   | 18.2   | 19.6   | 21.1   | 22.8   | 24.8   | 26.8   | 29.1   | 31.5   |
| Project-Related<br>Classroom Require.       | .1     | .2     | .2     | .3     | .3     | .5     | .5     | .4     | .4     |
| Total Classroom<br>Requirements             | 17.1   | 18.5   | 19.9   | 21.4   | 23.2   | 25.3   | 27.3   | 29.5   | 31.9   |

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 Alternate 01 of 01  
 05/04/94 AT 15:03:53

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PAGE: 199

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF WASILLA - TOTAL SCHOOL CHILDREN

| YEARS                                         | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                         |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED ENROLLMENT                    | -----  |        |        |        |        |        |        |        |        |
| Direct Project                                | 6.0    | 9.0    | 10.0   | 13.0   | 15.0   | 21.0   | 21.0   | 19.0   | 18.0   |
| Total Project                                 | 6.0    | 11.0   | 12.0   | 15.0   | 17.0   | 24.0   | 24.0   | 22.0   | 20.0   |
| -----                                         |        |        |        |        |        |        |        |        |        |
| BASELINE                                      | 775.0  | 834.0  | 896.0  | 963.0  | 1044.0 | 1132.0 | 1226.0 | 1328.0 | 1439.0 |
| -----                                         |        |        |        |        |        |        |        |        |        |
| TOTAL ENROLLMENT                              | 782.0  | 845.0  | 908.0  | 978.0  | 1061.0 | 1156.0 | 1250.0 | 1350.0 | 1459.0 |
| -----                                         |        |        |        |        |        |        |        |        |        |
| Direct Enroll. As %<br>Increase Over Baseline | .7     | 1.0    | 1.1    | 1.3    | 1.4    | 1.8    | 1.7    | 1.4    | 1.2    |
| Total Enroll. As %<br>Increase Over Baseline  | .7     | 1.3    | 1.3    | 1.5    | 1.6    | 2.1    | 1.9    | 1.6    | 1.3    |
| -----                                         |        |        |        |        |        |        |        |        |        |
| 1983 & Planned Cap.                           | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 |
| Excess (Under) Cap.                           | 2068.0 | 2005.0 | 1942.0 | 1872.0 | 1789.0 | 1694.0 | 1600.0 | 1500.0 | 1391.0 |
| % Capacity Utiliz.                            | 27.4   | 29.6   | 31.8   | 34.3   | 37.2   | 40.5   | 43.8   | 47.3   | 51.1   |
| -----                                         |        |        |        |        |        |        |        |        |        |
| Baseline Classroom<br>Requirements            | 33.7   | 36.2   | 38.9   | 41.9   | 45.4   | 49.2   | 53.3   | 57.7   | 62.6   |
| Project-Related<br>Classroom Require.         | .2     | .4     | .5     | .6     | .7     | 1.0    | 1.0    | .9     | .8     |
| Total Classroom<br>Requirements               | 34.0   | 36.7   | 39.5   | 42.5   | 46.1   | 50.2   | 54.3   | 58.7   | 63.4   |

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 Alternate 01 of 01  
 05/04/84 AT 15:03:59

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PAGE: 200

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TRAPPER CREEK - PRIMARY SCHOOL CHILDREN

| YEARS                                    | 1985  | 1986 | 1987 | 1988 | 1989  | 1990  | 1991  | 1992   | 1993   |
|------------------------------------------|-------|------|------|------|-------|-------|-------|--------|--------|
| -----                                    |       |      |      |      |       |       |       |        |        |
| PROJECT-RELATED ENROLLMENT               | ----- |      |      |      |       |       |       |        |        |
| Direct Project                           | 4.0   | 6.0  | 7.0  | 10.0 | 11.0  | 15.0  | 14.0  | 14.0   | 12.0   |
| Total Project                            | 5.0   | 8.0  | 9.0  | 14.0 | 16.0  | 21.0  | 19.0  | 19.0   | 17.0   |
| -----                                    |       |      |      |      |       |       |       |        |        |
| BASELINE                                 | 30.0  | 31.0 | 33.0 | 34.0 | 36.0  | 37.0  | 39.0  | 41.0   | 43.0   |
| -----                                    |       |      |      |      |       |       |       |        |        |
| TOTAL ENROLLMENT                         | 35.0  | 39.0 | 42.0 | 48.0 | 52.0  | 58.0  | 58.0  | 60.0   | 60.0   |
| -----                                    |       |      |      |      |       |       |       |        |        |
| Direct Enroll. As % Increase Over Basel. | 13.3  | 19.3 | 21.2 | 29.4 | 30.5  | 40.5  | 35.9  | 34.1   | 27.9   |
| Total Enroll. As % Increase Over Basel.  | 16.6  | 25.8 | 27.2 | 41.1 | 44.4  | 56.7  | 48.7  | 46.3   | 39.5   |
| 1983 & Planned Cap.                      | 50.0  | 50.0 | 50.0 | 50.0 | 50.0  | 50.0  | 50.0  | 50.0   | 50.0   |
| Excess (Under) Cap.                      | 15.0  | 11.0 | 8.0  | 2.0  | (2.0) | (8.0) | (8.0) | (10.0) | (10.0) |
| % Capacity Utiliz.                       | 70.0  | 78.0 | 84.0 | 96.0 | 104.0 | 116.0 | 116.0 | 120.0  | 120.0  |
| -----                                    |       |      |      |      |       |       |       |        |        |
| Baseline Classroom Requirements          | 1.2   | 1.2  | 1.3  | 1.3  | 1.4   | 1.4   | 1.5   | 1.6    | 1.7    |
| Project-Related Classroom Require.       | .2    | .3   | .3   | .5   | .6    | .8    | .7    | .7     | .6     |
| Total Classroom Requirements             | 1.4   | 1.5  | 1.6  | 1.9  | 2.0   | 2.3   | 2.3   | 2.4    | 2.4    |

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 Alternate 01 of 01  
 05/04/84 AT 15:04:05

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PAGE: 201

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TRAPPER CREEK - SECONDARY SCHOOL CHILDREN

| YEARS                                    | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                    |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED ENRDLLMENT               | -----  |        |        |        |        |        |        |        |        |
| Direct Project                           | 3.0    | 5.0    | 6.0    | 8.0    | 9.0    | 12.0   | 12.0   | 12.0   | 10.0   |
| Total Project                            | 4.0    | 7.0    | 8.0    | 11.0   | 13.0   | 17.0   | 17.0   | 16.0   | 14.0   |
| -----                                    |        |        |        |        |        |        |        |        |        |
| BASELINE                                 | 26.0   | 27.0   | 28.0   | 29.0   | 30.0   | 32.0   | 33.0   | 35.0   | 37.0   |
| -----                                    |        |        |        |        |        |        |        |        |        |
| TOTAL ENRDLLMENT                         | 30.0   | 34.0   | 36.0   | 40.0   | 43.0   | 49.0   | 50.0   | 51.0   | 51.0   |
| =====                                    |        |        |        |        |        |        |        |        |        |
| Direct Enroll. As % Increase Over Basel. | 11.5   | 18.5   | 21.4   | 27.5   | 30.0   | 37.5   | 36.3   | 34.2   | 27.0   |
| Total Enroll. As % Increase Over Basel.  | 15.3   | 25.9   | 28.5   | 37.9   | 43.3   | 53.1   | 51.5   | 45.7   | 37.8   |
| 1983 & Planned Cap.                      | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| Excess (Under) Cap.                      | (30.0) | (34.0) | (36.0) | (40.0) | (43.0) | (49.0) | (50.0) | (51.0) | (51.0) |
| % Capacity Utiliz.                       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| Baseline Classroom Requirements          | 1.2    | 1.2    | 1.3    | 1.3    | 1.4    | 1.5    | 1.5    | 1.6    | 1.7    |
| Project-Related Classroom Require.       | .1     | .3     | .3     | .5     | .6     | .8     | .8     | .7     | .6     |
| Total Classroom Requirements             | 1.4    | 1.6    | 1.7    | 1.9    | 2.0    | 2.3    | 2.3    | 2.4    | 2.4    |

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 Alternate 01 of 01  
 05/04/84 AT 15:04:11

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PAGE: 202

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TRAPPER CREEK - TOTAL SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 7.0    | 11.0   | 13.0   | 18.0   | 20.0   | 27.0   | 26.0   | 26.0   | 22.0   |
| Total Project                               | 9.0    | 15.0   | 17.0   | 25.0   | 29.0   | 38.0   | 36.0   | 35.0   | 31.0   |
| BASELINE                                    | 56.0   | 58.0   | 61.0   | 63.0   | 66.0   | 69.0   | 72.0   | 76.0   | 80.0   |
| TOTAL ENROLLMENT                            | 65.0   | 73.0   | 78.0   | 88.0   | 95.0   | 107.0  | 108.0  | 111.0  | 111.0  |
| Direct Enroll. As %<br>Increase Over Basel. | 12.5   | 18.9   | 21.3   | 28.5   | 30.3   | 39.1   | 36.1   | 34.2   | 27.5   |
| Total Enroll. As %<br>Increase Over Basel.  | 16.0   | 25.8   | 27.8   | 39.6   | 43.9   | 55.0   | 50.0   | 46.0   | 38.7   |
| 1983 & Planned Cap.                         | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   |
| Excess (Under) Cap.                         | (15.0) | (23.0) | (28.0) | (38.0) | (45.0) | (57.0) | (58.0) | (61.0) | (61.0) |
| % Capacity Utiliz.                          | 130.0  | 146.0  | 156.0  | 176.0  | 190.0  | 214.0  | 216.0  | 222.0  | 222.0  |
| Baseline Classroom<br>Requirements          | 2.4    | 2.5    | 2.6    | 2.7    | 2.8    | 3.0    | 3.1    | 3.3    | 3.4    |
| Project-Related<br>Classroom Require.       | .3     | .6     | .7     | 1.0    | 1.2    | 1.6    | 1.5    | 1.5    | 1.3    |
| Total Classroom<br>Requirements             | 2.8    | 3.1    | 3.3    | 3.8    | 4.1    | 4.6    | 4.7    | 4.8    | 4.8    |

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 Alternate 01 of 01  
 05/04/84 AT 15:04:17

USER = SUS

PAGE: 203

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TALKEETNA - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                       |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED ENROLLMENT                  | ----- |       |       |       |       |       |       |       |       |
| -----                                       | ----- |       |       |       |       |       |       |       |       |
| Direct Project                              | 4.0   | 6.0   | 7.0   | 9.0   | 11.0  | 14.0  | 14.0  | 13.0  | 12.0  |
| Total Project                               | 5.0   | 7.0   | 8.0   | 10.0  | 13.0  | 16.0  | 16.0  | 15.0  | 14.0  |
| -----                                       |       |       |       |       |       |       |       |       |       |
| BASELINE                                    | 44.0  | 46.0  | 49.0  | 51.0  | 54.0  | 57.0  | 61.0  | 64.0  | 68.0  |
| -----                                       | ----- |       |       |       |       |       |       |       |       |
| TOTAL ENROLLMENT                            | 49.0  | 53.0  | 57.0  | 61.0  | 67.0  | 73.0  | 77.0  | 79.0  | 82.0  |
| -----                                       | ===== |       |       |       |       |       |       |       |       |
| Direct Enroll. As %<br>Increase Over Basel. | 9.0   | 13.0  | 14.2  | 17.6  | 20.3  | 24.5  | 22.9  | 20.3  | 17.6  |
| Total Enroll. As %<br>Increase Over Basel.  | 11.3  | 15.2  | 16.3  | 19.6  | 24.0  | 28.0  | 26.2  | 23.4  | 20.5  |
| 1983 & Planned Cap.                         | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Excess (Under) Cap.                         | 51.0  | 47.0  | 43.0  | 39.0  | 33.0  | 27.0  | 23.0  | 21.0  | 18.0  |
| % Capacity Utiliz.                          | 49.0  | 53.0  | 57.0  | 61.0  | 67.0  | 73.0  | 77.0  | 79.0  | 82.0  |
| baseline Classroom<br>Requirements          | 1.7   | 1.8   | 1.9   | 2.0   | 2.1   | 2.2   | 2.4   | 2.5   | 2.7   |
| Project-Related<br>Classroom Require.       | .2    | .2    | .3    | .4    | .5    | .6    | .6    | .6    | .5    |
| Total Classroom<br>Requirements             | 1.9   | 2.1   | 2.2   | 2.4   | 2.6   | 2.9   | 3.0   | 3.1   | 3.2   |

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 Alternate 01 of 01  
 05/04/84 AT 15:04:24

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PAGE: 204

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TALKEETNA - SECONDARY SCHOOL CHILDREN

| YEARS                                         | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|-----------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                         |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED ENROLLMENT                    | -----  |        |        |        |        |        |        |        |        |
| Direct Project                                | 3.0    | 5.0    | 6.0    | 7.0    | 9.0    | 12.0   | 12.0   | 11.0   | 10.0   |
| Total Project                                 | 4.0    | 6.0    | 7.0    | 8.0    | 11.0   | 14.0   | 14.0   | 13.0   | 12.0   |
| -----                                         |        |        |        |        |        |        |        |        |        |
| BASELINE                                      | 38.0   | 39.0   | 41.0   | 44.0   | 46.0   | 49.0   | 52.0   | 55.0   | 58.0   |
| -----                                         |        |        |        |        |        |        |        |        |        |
| TOTAL ENROLLMENT                              | 42.0   | 45.0   | 48.0   | 52.0   | 57.0   | 63.0   | 66.0   | 68.0   | 70.0   |
| =====                                         |        |        |        |        |        |        |        |        |        |
| Direct Enroll. As %<br>Increase Over Baseline | 7.8    | 12.8   | 14.6   | 15.9   | 19.5   | 24.4   | 23.0   | 20.0   | 17.2   |
| Total Enroll. As %<br>Increase Over Baseline  | 10.5   | 15.3   | 17.0   | 18.1   | 23.9   | 28.5   | 26.9   | 23.6   | 20.6   |
| 1983 & Planned Cap.                           | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| Excess (Under) Cap.                           | (42.0) | (45.0) | (48.0) | (52.0) | (57.0) | (63.0) | (66.0) | (68.0) | (70.0) |
| % Capacity Utiliz.                            | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| Baseline Classroom<br>Requirements            | 1.8    | 1.8    | 1.9    | 2.1    | 2.1    | 2.3    | 2.4    | 2.6    | 2.7    |
| Project-Related<br>Classroom Require.         | .1     | .2     | .3     | .3     | .5     | .6     | .6     | .6     | .5     |
| Total Classroom<br>Requirements               | 2.0    | 2.1    | 2.2    | 2.4    | 2.7    | 3.0    | 3.1    | 3.2    | 3.3    |

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 Alternate 01 of 01  
 05/04/84 AT 15:04:23

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PAGE: 205

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TALKEETNA - TOTAL SCHOOL CHILDREN

| YEARS                                    | 1985  | 1986  | 1987  | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|------------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT               |       |       |       |        |        |        |        |        |        |
| Direct Project                           | 7.0   | 11.0  | 13.0  | 16.0   | 20.0   | 26.0   | 26.0   | 24.0   | 22.0   |
| Total Project                            | 9.0   | 13.0  | 15.0  | 18.0   | 24.0   | 30.0   | 30.0   | 28.0   | 26.0   |
| BASELINE                                 | 82.0  | 85.0  | 90.0  | 95.0   | 100.0  | 106.0  | 113.0  | 119.0  | 126.0  |
| TOTAL ENROLLMENT                         | 91.0  | 98.0  | 105.0 | 113.0  | 124.0  | 136.0  | 143.0  | 147.0  | 152.0  |
| Direct Enroll. As % Increase Over Basel. | 8.5   | 12.9  | 14.4  | 16.8   | 20.0   | 24.5   | 23.0   | 20.1   | 17.4   |
| Total Enroll. As % Increase Over Basel.  | 10.9  | 15.2  | 16.6  | 18.9   | 24.0   | 28.3   | 26.5   | 23.5   | 20.6   |
| 1983 & Planned Cap.                      | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| Excess (Under) Cap.                      | 9.0   | 2.0   | (5.0) | (13.0) | (24.0) | (36.0) | (43.0) | (47.0) | (52.0) |
| % Capacity Utiliz.                       | 91.0  | 98.0  | 105.0 | 113.0  | 124.0  | 136.0  | 143.0  | 147.0  | 152.0  |
| Baseline Classroom Requirements          | 3.5   | 3.7   | 3.9   | 4.1    | 4.3    | 4.6    | 4.9    | 5.1    | 5.4    |
| Project-Related Classroom Require.       | .3    | .5    | .6    | .7     | 1.0    | 1.3    | 1.3    | 1.2    | 1.1    |
| Total Classroom Requirements             | 3.9   | 4.2   | 4.5   | 4.9    | 5.3    | 5.9    | 6.2    | 6.4    | 6.6    |

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 Alternate 01 of 01  
 05/04/84 AT 15:04:35

USER # SUS

PAGE: 205

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987    | 1988    | 1989    | 1990     | 1991     | 1992     | 1993     |
|---------------------------------------------|--------|--------|---------|---------|---------|----------|----------|----------|----------|
| -----                                       |        |        |         |         |         |          |          |          |          |
| PROJECT-RELATED ENROLLMENT                  | -----  |        |         |         |         |          |          |          |          |
| Direct Project                              | 29.0   | 44.0   | 192.0   | 248.0   | 268.0   | 295.0    | 294.0    | 270.0    | 207.0    |
| Total Project                               | 35.0   | 52.0   | 202.0   | 263.0   | 285.0   | 317.0    | 315.0    | 290.0    | 226.0    |
| -----                                       |        |        |         |         |         |          |          |          |          |
| BASELINE                                    | 4337.0 | 4632.0 | 4877.0  | 5116.0  | 5480.0  | 5911.0   | 6200.0   | 6658.0   | 7019.0   |
| -----                                       |        |        |         |         |         |          |          |          |          |
| TOTAL ENROLLMENT                            | 4372.0 | 4684.0 | 5079.0  | 5379.0  | 5765.0  | 6228.0   | 6515.0   | 6948.0   | 7245.0   |
| =====                                       |        |        |         |         |         |          |          |          |          |
| Direct Enroll. As %<br>Increase Over Basel. | .6     | .9     | 3.9     | 4.8     | 4.8     | 4.9      | 4.7      | 4.0      | 2.9      |
| Total Enroll. As %<br>Increase Over Basel.  | .8     | 1.1    | 4.1     | 5.1     | 5.2     | 5.3      | 5.0      | 4.3      | 3.2      |
| 1983 & Planned Cap.                         | 4835.0 | 4835.0 | 4835.0  | 4835.0  | 4835.0  | 4835.0   | 4835.0   | 4835.0   | 4835.0   |
| Excess (Under) Cap.                         | 463.0  | 151.0  | (244.0) | (544.0) | (930.0) | (1393.0) | (1680.0) | (2113.0) | (2410.0) |
| % Capacity Utiliz.                          | 90.4   | 96.8   | 105.0   | 111.2   | 119.2   | 128.8    | 134.7    | 143.7    | 149.8    |
| baseline Classroom<br>Requirements          | 173.4  | 185.2  | 195.0   | 204.6   | 219.2   | 236.4    | 248.0    | 266.3    | 280.7    |
| Project-Related<br>Classroom Require.       | 1.4    | 2.0    | 8.0     | 10.5    | 11.4    | 12.6     | 12.6     | 11.6     | 9.0      |
| Total Classroom<br>Requirements             | 174.8  | 187.3  | 203.1   | 215.1   | 230.6   | 249.1    | 260.6    | 277.9    | 289.8    |

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FSER/SCHDOLV/SCHOLWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:04:40

USER = SUS

PAGE: 207

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987    | 1988    | 1989    | 1990     | 1991     | 1992     | 1993     |
|---------------------------------------------|--------|--------|---------|---------|---------|----------|----------|----------|----------|
| -----                                       |        |        |         |         |         |          |          |          |          |
| PROJECT-RELATED ENROLLMENT                  | -----  |        |         |         |         |          |          |          |          |
| Direct Project                              | 25.0   | 38.0   | 163.0   | 211.0   | 228.0   | 251.0    | 250.0    | 230.0    | 176.0    |
| Total Project                               | 30.0   | 45.0   | 171.0   | 224.0   | 243.0   | 270.0    | 268.0    | 247.0    | 192.0    |
| -----                                       |        |        |         |         |         |          |          |          |          |
| BASELINE                                    | 3694.0 | 3946.0 | 4154.0  | 4358.0  | 4668.0  | 5026.0   | 5281.0   | 5672.0   | 5979.0   |
| -----                                       |        |        |         |         |         |          |          |          |          |
| TOTAL ENROLLMENT                            | 3724.0 | 3991.0 | 4325.0  | 4582.0  | 4911.0  | 5306.0   | 5549.0   | 5919.0   | 6171.0   |
| =====                                       |        |        |         |         |         |          |          |          |          |
| Direct Enroll. As %<br>Increase Over Basel. | .6     | .9     | 3.9     | 4.8     | 4.8     | 4.9      | 4.7      | 4.0      | 2.9      |
| Total Enroll. As %<br>Increase Over Basel.  | .8     | 1.1    | 4.1     | 5.1     | 5.2     | 5.3      | 5.0      | 4.3      | 3.2      |
| 1983 & Planned Cap.                         | 4080.0 | 4080.0 | 4080.0  | 4080.0  | 4080.0  | 4080.0   | 4080.0   | 4080.0   | 4080.0   |
| Excess (Under) Cap.                         | 356.0  | 89.0   | (245.0) | (502.0) | (831.0) | (1226.0) | (1469.0) | (1839.0) | (2091.0) |
| % Capacity Utiliz.                          | 91.2   | 97.8   | 106.0   | 112.3   | 120.3   | 130.0    | 136.0    | 145.0    | 151.2    |
| Baseline Classroom<br>Requirements          | 175.9  | 187.9  | 197.9   | 207.5   | 222.2   | 239.8    | 251.4    | 270.1    | 284.7    |
| Project-Related<br>Classroom Require.       | 1.4    | 2.1    | 8.1     | 10.6    | 11.5    | 12.8     | 12.7     | 11.7     | 9.1      |
| Total Classroom<br>Requirements             | 177.3  | 190.0  | 205.9   | 218.1   | 233.8   | 252.6    | 264.2    | 281.8    | 293.8    |

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FSER/SCHDOLV/SCHDLWAM/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:04:45

USER = SUS

PAGE: 208

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH - TOTAL SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986   | 1987    | 1988     | 1989     | 1990     | 1991     | 1992     | 1993     |
|---------------------------------------------|--------|--------|---------|----------|----------|----------|----------|----------|----------|
| PROJECT-RELATED ENROLLMENT                  |        |        |         |          |          |          |          |          |          |
| Direct Project                              | 54.0   | 82.0   | 355.0   | 459.0    | 496.0    | 546.0    | 544.0    | 500.0    | 383.0    |
| Total Project                               | 65.0   | 97.0   | 373.0   | 487.0    | 526.0    | 587.0    | 583.0    | 537.0    | 418.0    |
| BASELINE                                    | 8031.0 | 8578.0 | 9031.0  | 9474.0   | 10148.0  | 10947.0  | 11481.0  | 12330.0  | 12998.0  |
| TOTAL ENROLLMENT                            | 8096.0 | 8675.0 | 9404.0  | 9961.0   | 10676.0  | 11534.0  | 12064.0  | 12867.0  | 13416.0  |
| Direct Enroll. As %<br>Increase Over Basel. | .6     | .9     | 3.9     | 4.8      | 4.8      | 4.9      | 4.7      | 4.0      | 2.9      |
| Total Enroll. As %<br>Increase Over Basel.  | .8     | 1.1    | 4.1     | 5.1      | 5.2      | 5.3      | 5.0      | 4.3      | 3.2      |
| 1983 & Planned Cap.                         | 8915.0 | 8915.0 | 8915.0  | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0   |
| Excess (Under) Cap.                         | 819.0  | 240.0  | (439.0) | (1046.0) | (1761.0) | (2619.0) | (3149.0) | (3952.0) | (4501.0) |
| % Capacity Utiliz.                          | 90.8   | 97.3   | 105.4   | 111.7    | 119.7    | 129.3    | 135.3    | 144.3    | 150.4    |
| Baseline Classroom<br>Requirements          | 349.3  | 373.1  | 392.8   | 412.1    | 441.4    | 476.2    | 499.4    | 536.4    | 565.4    |
| Project-Related<br>Classroom Require.       | 2.6    | 4.2    | 16.2    | 21.1     | 22.9     | 25.5     | 25.3     | 23.3     | 18.1     |
| Total Classroom<br>Requirements             | 352.2  | 377.4  | 409.1   | 433.3    | 464.4    | 501.7    | 524.8    | 559.7    | 583.6    |

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FSER/SCHDOLV/SCHOLWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:04:50

USER = SUS

PAGE: 209

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF HOUSTON - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|---------------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT                  |        |         |         |         |         |         |         |         |         |
| Direct Project                              | 3.0    | 4.0     | 5.0     | 7.0     | 8.0     | 11.0    | 10.0    | 10.0    | 9.0     |
| Total Project                               | 3.0    | 4.0     | 5.0     | 8.0     | 9.0     | 12.0    | 11.0    | 11.0    | 10.0    |
| BASELINE                                    | 90.0   | 99.0    | 109.0   | 120.0   | 133.0   | 148.0   | 164.0   | 182.0   | 201.0   |
| TOTAL ENROLLMENT                            | 93.0   | 103.0   | 114.0   | 128.0   | 142.0   | 160.0   | 175.0   | 193.0   | 211.0   |
| Direct Enroll. As %<br>Increase Over Basel. | 3.3    | 4.0     | 4.5     | 5.8     | 6.0     | 7.4     | 6.1     | 5.4     | 4.4     |
| Total Enroll. As %<br>Increase Over Basel.  | 3.3    | 4.0     | 4.5     | 6.6     | 6.7     | 8.1     | 6.7     | 6.0     | 4.9     |
| 1983 & Planned Cap.                         | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Excess (Under) Cap.                         | (93.0) | (103.0) | (114.0) | (128.0) | (142.0) | (160.0) | (175.0) | (193.0) | (211.0) |
| % Capacity Utiliz.                          | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Baseline Classroom<br>Requirements          | 3.6    | 3.9     | 4.3     | 4.8     | 5.3     | 5.9     | 6.5     | 7.2     | 8.0     |
| Project-Related<br>Classroom Require.       | .1     | .1      | .2      | .3      | .3      | .4      | .4      | .4      | .4      |
| Total Classroom<br>Requirements             | 3.7    | 4.1     | 4.5     | 5.1     | 5.6     | 6.4     | 7.0     | 7.7     | 8.4     |

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FSER/SCHOOLV/SCHOLWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:04:58

USER = SUS

PAGE: 210

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF HOUSTON - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1985   | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED ENROLLMENT                  |        |       |       |       |       |       |       |       |       |
| Direct Project                              | 3.0    | 4.0   | 5.0   | 6.0   | 6.0   | 9.0   | 9.0   | 8.0   | 8.0   |
| Total Project                               | 3.0    | 4.0   | 5.0   | 7.0   | 7.0   | 10.0  | 10.0  | 9.0   | 9.0   |
| BASELINE                                    | 77.0   | 85.0  | 93.0  | 102.0 | 114.0 | 126.0 | 140.0 | 155.0 | 172.0 |
| TOTAL ENROLLMENT                            | 80.0   | 89.0  | 98.0  | 109.0 | 121.0 | 136.0 | 150.0 | 164.0 | 181.0 |
| Direct Enroll. As %<br>Increase Over Basel. | 3.9    | 4.7   | 5.3   | 5.8   | 5.2   | 7.1   | 6.4   | 5.1   | 4.6   |
| Total Enroll. As %<br>Increase Over Basel.  | 3.9    | 4.7   | 5.3   | 6.8   | 6.1   | 7.9   | 7.1   | 5.8   | 5.2   |
| 1983 & Planned Cap.                         | 0.0    | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 |
| Excess (Under) Cap.                         | (80.0) | 511.0 | 502.0 | 491.0 | 479.0 | 464.0 | 450.0 | 436.0 | 419.0 |
| % Capacity Utiliz.                          | 0.0    | 14.8  | 16.3  | 18.1  | 20.1  | 22.6  | 25.0  | 27.3  | 30.1  |
| Baseline Classroom<br>Requirements          | 3.6    | 4.0   | 4.4   | 4.8   | 5.4   | 6.0   | 6.6   | 7.3   | 8.1   |
| Project-Related<br>Classroom Require.       | .1     | .1    | .2    | .3    | .3    | .4    | .4    | .4    | .4    |
| Total Classroom<br>Requirements             | 3.8    | 4.2   | 4.6   | 5.1   | 5.7   | 6.4   | 7.1   | 7.8   | 8.6   |

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 Alternate 01 of 01  
 05/04/84 AT 15:05:03

USER = SUS

PAGE: 211

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF HOUSTON - TOTAL SCHOOL CHILDREN

| YEARS                                         | 1985    | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                         |         |       |       |       |       |       |       |       |       |
| PROJECT-RELATED ENROLLMENT                    | -----   |       |       |       |       |       |       |       |       |
| Direct Project                                | 6.0     | 8.0   | 10.0  | 13.0  | 14.0  | 20.0  | 19.0  | 18.0  | 17.0  |
| Total Project                                 | 6.0     | 8.0   | 10.0  | 15.0  | 16.0  | 22.0  | 21.0  | 20.0  | 19.0  |
| -----                                         |         |       |       |       |       |       |       |       |       |
| BASELINE                                      | 167.0   | 184.0 | 202.0 | 222.0 | 247.0 | 274.0 | 304.0 | 337.0 | 373.0 |
| -----                                         |         |       |       |       |       |       |       |       |       |
| TOTAL ENROLLMENT                              | 173.0   | 192.0 | 212.0 | 237.0 | 263.0 | 296.0 | 325.0 | 357.0 | 392.0 |
| =====                                         |         |       |       |       |       |       |       |       |       |
| Direct Enroll. As %<br>Increase Over Baseline | 3.5     | 4.3   | 4.9   | 5.8   | 5.6   | 7.3   | 6.2   | 5.3   | 4.5   |
| Total Enroll. As %<br>Increase Over Baseline  | 3.5     | 4.3   | 4.9   | 6.7   | 6.4   | 8.0   | 6.9   | 5.9   | 5.0   |
| -----                                         |         |       |       |       |       |       |       |       |       |
| 1983 & Planned Cap.                           | 0.0     | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 |
| Excess (Under) Cap.                           | (173.0) | 403.0 | 388.0 | 363.0 | 337.0 | 304.0 | 275.0 | 243.0 | 208.0 |
| % Capacity Utiliz.                            | 0.0     | 32.0  | 35.3  | 39.5  | 43.8  | 49.3  | 54.1  | 59.5  | 65.3  |
| -----                                         |         |       |       |       |       |       |       |       |       |
| Baseline Classroom<br>Requirements            | 7.2     | 8.0   | 8.7   | 9.6   | 10.7  | 11.9  | 13.2  | 14.6  | 16.2  |
| Project-Related<br>Classroom Require.         | .2      | .3    | .4    | .6    | .6    | .9    | .9    | .8    | .8    |
| Total Classroom<br>Requirements               | 7.5     | 8.3   | 9.2   | 10.3  | 11.4  | 12.8  | 14.1  | 15.5  | 17.0  |

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PSER/SCHDCLV/SCHDLWAH/PSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:08

USER = SUS

PAGE: 212

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 ON-SITE - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1985 | 1986 | 1987           | 1988           | 1989           | 1990           | 1991           | 1992           | 1993           |
|---------------------------------------------|------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| PROJECT-RELATED ENROLLMENT                  |      |      |                |                |                |                |                |                |                |
| Direct Project                              | 0.0  | 0.0  | 140.0          | 180.0          | 190.0          | 190.0          | 190.0          | 172.0          | 117.0          |
| Total Project                               | 0.0  | 0.0  | 140.0          | 180.0          | 190.0          | 190.0          | 190.0          | 172.0          | 117.0          |
| BASELINE                                    | 0.0  | 0.0  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| TOTAL ENROLLMENT                            | 0.0  | 0.0  | 140.0          | 180.0          | 190.0          | 190.0          | 190.0          | 172.0          | 117.0          |
| Direct Enroll. As %<br>Increase Over Basel. | 0.0  | 0.0  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Total Enroll. As %<br>Increase Over Basel.  | 0.0  | 0.0  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| 1983 & Planned Cap.                         | 0.0  | 0.0  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Excess (Under) Cap.<br>% Capacity Utiliz.   | 0.0  | 0.0  | (140.0)<br>0.0 | (180.0)<br>0.0 | (190.0)<br>0.0 | (190.0)<br>0.0 | (190.0)<br>0.0 | (172.0)<br>0.0 | (117.0)<br>0.0 |
| Baseline Classroom<br>Requirements          | 0.0  | 0.0  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Project-Related<br>Classroom Require.       | 0.0  | 0.0  | 5.6            | 7.2            | 7.6            | 7.6            | 7.6            | 6.8            | 4.6            |
| Total Classroom<br>Requirements             | 0.0  | 0.0  | 5.6            | 7.2            | 7.6            | 7.6            | 7.6            | 6.8            | 4.6            |

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FSER/SCHDQLV/SCHDLWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:05:13

USER = SUS

PAGE: 213

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 ON-SITE - SECONDARY SCHOOL CHILDREN

| YEARS                                    | 1985 | 1986 | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|------------------------------------------|------|------|---------|---------|---------|---------|---------|---------|---------|
| -----                                    |      |      |         |         |         |         |         |         |         |
| PROJECT-RELATED ENROLLMENT               |      |      |         |         |         |         |         |         |         |
| -----                                    |      |      |         |         |         |         |         |         |         |
| Direct Project                           | 0.0  | 0.0  | 119.0   | 153.0   | 161.0   | 161.0   | 161.0   | 146.0   | 100.0   |
| Total Project                            | 0.0  | 0.0  | 140.0   | 180.0   | 190.0   | 190.0   | 190.0   | 172.0   | 117.0   |
| -----                                    |      |      |         |         |         |         |         |         |         |
| BASELINE                                 | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -----                                    |      |      |         |         |         |         |         |         |         |
| TOTAL ENROLLMENT                         | 0.0  | 0.0  | 140.0   | 180.0   | 190.0   | 190.0   | 190.0   | 172.0   | 117.0   |
| -----                                    |      |      |         |         |         |         |         |         |         |
| Direct Enroll. As % Increase Over Basel. | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Total Enroll. As % Increase Over Basel.  | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 1983 & Planned Cap.                      | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Excess (Under) Cap.                      | 0.0  | 0.0  | (140.0) | (180.0) | (190.0) | (190.0) | (190.0) | (172.0) | (117.0) |
| % Capacity Utiliz.                       | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Baseline Classroom Requirements          | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Project-Related Classroom Require.       | 0.0  | 0.0  | 5.6     | 7.2     | 7.6     | 7.6     | 7.6     | 6.9     | 4.7     |
| Total Classroom Requirements             | 0.0  | 0.0  | 5.6     | 7.2     | 7.6     | 7.6     | 7.6     | 6.9     | 4.7     |

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FSEK/SCHDQLV/SCHOLWAH/FSEKRRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:05:13

USER = SUS

PAGE: 214

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 ON-SITE - TOTAL SCHOOL CHILDREN

| YEARS                                    | 1985 | 1986 | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|------------------------------------------|------|------|---------|---------|---------|---------|---------|---------|---------|
| -----                                    |      |      |         |         |         |         |         |         |         |
| PROJECT-RELATED ENROLLMENT               |      |      |         |         |         |         |         |         |         |
| -----                                    |      |      |         |         |         |         |         |         |         |
| Direct Project                           | 0.0  | 0.0  | 259.0   | 333.0   | 351.0   | 351.0   | 351.0   | 318.0   | 217.0   |
| Total Project                            | 0.0  | 0.0  | 259.0   | 333.0   | 351.0   | 351.0   | 351.0   | 318.0   | 217.0   |
| -----                                    |      |      |         |         |         |         |         |         |         |
| BASELINE                                 | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -----                                    |      |      |         |         |         |         |         |         |         |
| TOTAL ENROLLMENT                         | 0.0  | 0.0  | 259.0   | 333.0   | 351.0   | 351.0   | 351.0   | 318.0   | 217.0   |
| -----                                    |      |      |         |         |         |         |         |         |         |
| Direct Enroll. As % Increase Over Basel. | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Total Enroll. As % Increase Over Basel.  | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 1983 & Planned Cap.                      | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Excess (Under) Cap.                      | 0.0  | 0.0  | (259.0) | (333.0) | (351.0) | (351.0) | (351.0) | (318.0) | (217.0) |
| % Capacity Utiliz.                       | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Baseline Classroom Requirements          | 0.0  | 0.0  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Project-Related Classroom Require.       | 0.0  | 0.0  | 11.2    | 14.4    | 15.2    | 15.2    | 15.2    | 13.8    | 9.4     |
| Total Classroom Requirements             | 0.0  | 0.0  | 11.2    | 14.4    | 15.2    | 15.2    | 15.2    | 13.8    | 9.4     |

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 Alternate 01 of 01  
 05/04/84 AT 15:05:23

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PAGE: 215

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF CANTWELL

| YEARS                                       | 1985  | 1986  | 1987 | 1988  | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------------------------------|-------|-------|------|-------|--------|--------|--------|--------|--------|
| -----                                       |       |       |      |       |        |        |        |        |        |
| PROJECT-RELATED ENROLLMENT                  | ----- |       |      |       |        |        |        |        |        |
| Direct Project                              | 18.0  | 28.0  | 20.0 | 26.0  | 30.0   | 41.0   | 40.0   | 39.0   | 35.0   |
| Total Project                               | 20.0  | 30.0  | 22.0 | 28.0  | 32.0   | 44.0   | 43.0   | 41.0   | 37.0   |
| -----                                       |       |       |      |       |        |        |        |        |        |
| BASELINE                                    | 37.0  | 37.0  | 37.0 | 39.0  | 39.0   | 40.0   | 41.0   | 41.0   | 42.0   |
| -----                                       |       |       |      |       |        |        |        |        |        |
| TOTAL ENROLLMENT                            | 57.0  | 67.0  | 59.0 | 67.0  | 71.0   | 84.0   | 84.0   | 82.0   | 79.0   |
| -----                                       |       |       |      |       |        |        |        |        |        |
| Direct Enroll. As %<br>Increase Over Basel. | 48.6  | 75.6  | 54.0 | 66.6  | 76.9   | 102.5  | 97.5   | 95.1   | 83.3   |
| Total Enroll. As %<br>Increase Over Basel.  | 54.0  | 81.0  | 59.4 | 71.7  | 82.0   | 110.0  | 104.8  | 100.0  | 88.1   |
| 1983 & Planned Cap.                         | 60.0  | 60.0  | 60.0 | 60.0  | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   |
| Excess (Under) Cap.                         | 3.0   | (7.0) | 1.0  | (7.0) | (11.0) | (24.0) | (24.0) | (22.0) | (19.0) |
| % Capacity Utiliz.                          | 95.0  | 111.6 | 98.3 | 111.6 | 118.3  | 140.0  | 140.0  | 136.6  | 131.6  |
| -----                                       |       |       |      |       |        |        |        |        |        |
| Baseline Classroom<br>Requirements          | 1.1   | 1.1   | 1.1  | 1.2   | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    |
| Project-Related<br>Classroom Require.       | .6    | .9    | .6   | .8    | 1.0    | 1.3    | 1.2    | 1.2    | 1.1    |
| Total Classroom<br>Requirements             | 1.7   | 2.0   | 1.8  | 2.0   | 2.2    | 2.5    | 2.5    | 2.5    | 2.4    |

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 Alternate 01 of 01  
 05/04/84 AT 15:05:31

PAGE: 216  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF PALMER - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1994  | 1995  | 1996  | 1997  | 1998   | 1999   | 2000   | 2001    | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|-------|-------|-------|-------|--------|--------|--------|---------|---------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT                  |       |       |       |       |        |        |        |         |         |         |         |         |
| Direct Project                              | 8.0   | 8.0   | 8.0   | 9.0   | 9.0    | 9.0    | 9.0    | 8.0     | 8.0     | 8.0     | 8.0     | 8.0     |
| Total Project                               | 10.0  | 10.0  | 10.0  | 11.0  | 11.0   | 11.0   | 11.0   | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    |
| BASELINE                                    | 630.0 | 657.0 | 685.0 | 715.0 | 745.0  | 777.0  | 810.0  | 839.0   | 868.0   | 898.0   | 930.0   | 962.0   |
| TOTAL ENROLLMENT                            | 640.0 | 667.0 | 695.0 | 726.0 | 756.0  | 788.0  | 821.0  | 849.0   | 878.0   | 908.0   | 940.0   | 972.0   |
| Direct Enroll. As %<br>Increase Over Basel. | 1.2   | 1.2   | 1.1   | 1.2   | 1.2    | 1.1    | 1.1    | .9      | .9      | .8      | .8      | .8      |
| Total Enroll. As %<br>Increase Over Basel.  | 1.5   | 1.5   | 1.4   | 1.5   | 1.4    | 1.4    | 1.3    | 1.1     | 1.1     | 1.1     | 1.0     | 1.0     |
| 1983 & Planned Cap.                         | 725.0 | 725.0 | 725.0 | 725.0 | 725.0  | 725.0  | 725.0  | 725.0   | 725.0   | 725.0   | 725.0   | 725.0   |
| Excess (Under) Cap.                         | 85.0  | 58.0  | 30.0  | (1.0) | (31.0) | (63.0) | (96.0) | (124.0) | (153.0) | (183.0) | (215.0) | (247.0) |
| % Capacity Utiliz.                          | 88.2  | 92.0  | 95.8  | 100.1 | 104.2  | 108.6  | 113.2  | 117.1   | 121.1   | 125.2   | 129.6   | 134.0   |
| Baseline Classroom<br>Requirements          | 25.2  | 26.2  | 27.4  | 28.6  | 29.8   | 31.0   | 32.4   | 33.5    | 34.7    | 35.9    | 37.2    | 38.4    |
| Project-Related<br>Classroom Require.       | .4    | .4    | .4    | .4    | .4     | .4     | .4     | .4      | .4      | .4      | .4      | .4      |
| Total Classroom<br>Requirements             | 25.6  | 26.6  | 27.8  | 29.0  | 30.2   | 31.5   | 32.8   | 33.9    | 35.1    | 36.3    | 37.6    | 38.8    |

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 Alternate 01 of 01  
 05/04/84 AT 15:05:37

PAGE: 217  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF PALMER - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    | 7.0    |
| Total Project                               | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    |
| BASELINE                                    |        |        |        |        |        |        |        |        |        |        |        |        |
|                                             | 537.0  | 560.0  | 584.0  | 609.0  | 635.0  | 662.0  | 690.0  | 714.0  | 739.0  | 765.0  | 792.0  | 820.0  |
| TOTAL ENROLLMENT                            |        |        |        |        |        |        |        |        |        |        |        |        |
|                                             | 545.0  | 568.0  | 592.0  | 617.0  | 643.0  | 670.0  | 698.0  | 722.0  | 747.0  | 773.0  | 800.0  | 828.0  |
| Direct Enroll. As %<br>Increase Over Basel. | 1.3    | 1.2    | 1.2    | 1.1    | 1.1    | 1.0    | 1.0    | .9     | .9     | .9     | .8     | .8     |
| Total Enroll. As %<br>Increase Over Basel.  | 1.4    | 1.4    | 1.3    | 1.3    | 1.2    | 1.2    | 1.1    | 1.1    | 1.0    | 1.0    | 1.0    | .9     |
| 1983 & Planned Cap.                         | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 | 1600.0 |
| Excess (Under) Cap.                         | 1055.0 | 1032.0 | 1008.0 | 983.0  | 957.0  | 930.0  | 902.0  | 878.0  | 853.0  | 827.0  | 800.0  | 772.0  |
| % Capacity Utiliz.                          | 34.0   | 35.5   | 37.0   | 38.5   | 40.1   | 41.8   | 43.6   | 45.1   | 46.6   | 48.3   | 50.0   | 51.7   |
| Baseline Classroom<br>Requirements          | 25.5   | 26.6   | 27.8   | 29.0   | 30.2   | 31.5   | 32.8   | 34.0   | 35.1   | 36.4   | 37.7   | 39.0   |
| Project-Related<br>Classroom Require.       | .3     | .3     | .3     | .3     | .3     | .3     | .3     | .3     | .3     | .3     | .3     | .3     |
| Total Classroom<br>Requirements             | 25.9   | 27.0   | 28.1   | 29.3   | 30.6   | 31.9   | 33.2   | 34.3   | 35.5   | 36.8   | 38.1   | 39.4   |

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 Alternate 01 of 01  
 05/04/84 AT 15:05:45

PAGE: 218  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF PALMER - TOTAL SCHOOL CHILDREN

| YEARS                                    | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT               |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                           | 15.0   | 15.0   | 15.0   | 16.0   | 16.0   | 16.0   | 16.0   | 15.0   | 15.0   | 15.0   | 15.0   | 15.0   |
| Total Project                            | 16.0   | 16.0   | 16.0   | 19.0   | 19.0   | 19.0   | 19.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   |
| BASELINE                                 |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 1167.0 | 1217.0 | 1269.0 | 1324.0 | 1380.0 | 1439.0 | 1500.0 | 1553.0 | 1607.0 | 1663.0 | 1722.0 | 1782.0 |
| TOTAL ENROLLMENT                         |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 1185.0 | 1235.0 | 1287.0 | 1343.0 | 1399.0 | 1458.0 | 1519.0 | 1571.0 | 1625.0 | 1681.0 | 1740.0 | 1800.0 |
| Direct Enroll. As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 1.2    | 1.2    | 1.1    | 1.2    | 1.1    | 1.1    | 1.0    | .9     | .9     | .9     | .8     | .8     |
| Total Enroll. As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 1.5    | 1.4    | 1.4    | 1.4    | 1.3    | 1.3    | 1.2    | 1.1    | 1.1    | 1.0    | 1.0    | 1.0    |
| 1983 & Planned Cap.                      | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 | 2325.0 |
| Excess (Under) Cap.                      | 1140.0 | 1090.0 | 1038.0 | 982.0  | 926.0  | 867.0  | 806.0  | 754.0  | 700.0  | 644.0  | 585.0  | 525.0  |
| % Capacity Utiliz.                       | 50.9   | 53.1   | 55.3   | 57.7   | 60.1   | 62.7   | 65.3   | 67.5   | 69.8   | 72.3   | 74.8   | 77.4   |
| Baseline Classroom Requirements          |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 50.7   | 52.9   | 55.2   | 57.6   | 60.0   | 62.6   | 65.2   | 67.5   | 69.9   | 72.3   | 74.9   | 77.5   |
| Project-Related Classroom Require.       |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | .7     | .7     | .7     | .8     | .8     | .8     | .8     | .7     | .7     | .7     | .7     | .7     |
| Total Classroom Requirements             |        |        |        |        |        |        |        |        |        |        |        |        |
|                                          | 51.5   | 53.7   | 55.9   | 58.4   | 60.8   | 63.4   | 66.0   | 68.3   | 70.6   | 73.1   | 75.7   | 78.3   |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF WASHILLA - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |         |         |         |         |         |         |         |         |
| Direct Project                              | 9.0    | 9.0    | 9.0    | 10.0   | 10.0    | 10.0    | 10.0    | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     |
| Total Project                               | 11.0   | 11.0   | 11.0   | 12.0   | 12.0    | 12.0    | 12.0    | 11.0    | 11.0    | 11.0    | 11.0    | 11.0    |
| BASELINE                                    | 842.0  | 912.0  | 988.0  | 1070.0 | 1159.0  | 1255.0  | 1359.0  | 1461.0  | 1570.0  | 1688.0  | 1815.0  | 1951.0  |
| TOTAL ENROLLMENT                            | 853.0  | 923.0  | 999.0  | 1082.0 | 1171.0  | 1267.0  | 1371.0  | 1472.0  | 1581.0  | 1699.0  | 1826.0  | 1962.0  |
| Direct Enroll. As %<br>Increase Over Basel. | 1.0    | .9     | .9     | .9     | .8      | .8      | .7      | .6      | .5      | .5      | .5      | .4      |
| Total Enroll. As %<br>Increase Over Basel.  | 1.3    | 1.2    | 1.1    | 1.1    | 1.0     | .9      | .8      | .7      | .7      | .6      | .6      | .5      |
| 1983 & Planned Cap.                         | 1050.0 | 1050.0 | 1050.0 | 1050.0 | 1050.0  | 1050.0  | 1050.0  | 1050.0  | 1050.0  | 1050.0  | 1050.0  | 1050.0  |
| Excess (Under) Cap.                         | 197.0  | 127.0  | 51.0   | (32.0) | (121.0) | (217.0) | (321.0) | (422.0) | (531.0) | (649.0) | (776.0) | (912.0) |
| % Capacity Utiliz.                          | 81.2   | 87.9   | 95.1   | 103.0  | 111.5   | 120.6   | 130.5   | 140.1   | 150.5   | 161.8   | 173.9   | 186.8   |
| Baseline Classroom<br>Requirements          | 33.6   | 36.4   | 39.5   | 42.8   | 46.3    | 50.2    | 54.3    | 58.4    | 62.8    | 67.5    | 72.6    | 78.0    |
| Project-Related<br>Classroom Require.       | .4     | .4     | .4     | .4     | .4      | .4      | .4      | .4      | .4      | .4      | .4      | .4      |
| Total Classroom<br>Requirements             | 34.1   | 36.9   | 39.9   | 43.2   | 46.8    | 50.6    | 54.8    | 58.8    | 63.2    | 67.9    | 73.0    | 78.4    |

FSER/SCHODLV/SCHLODCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:05:59

PAGE: 220  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF WASILLA - SECONDARY SCHOOL CHILDREN

| YEARS                                    | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT               |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                           | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 7.0    | 7.0    | 7.0    |
| Total Project                            | 9.0    | 9.0    | 9.0    | 9.0    | 9.0    | 9.0    | 9.0    | 9.0    | 9.0    | 8.0    | 8.0    | 8.0    |
| BASELINE                                 |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE                                 | 717.0  | 777.0  | 842.0  | 911.0  | 987.0  | 1069.0 | 1158.0 | 1245.0 | 1338.0 | 1438.0 | 1546.0 | 1662.0 |
| TOTAL ENROLLMENT                         |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL ENROLLMENT                         | 726.0  | 786.0  | 851.0  | 920.0  | 996.0  | 1078.0 | 1167.0 | 1254.0 | 1347.0 | 1446.0 | 1554.0 | 1670.0 |
| Direct Enroll. As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Enroll. As % Increase Over Basel. | 1.1    | 1.0    | .9     | .8     | .8     | .7     | .6     | .6     | .6     | .4     | .4     | .4     |
| Total Enroll. As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Enroll. As % Increase Over Basel.  | 1.2    | 1.1    | 1.0    | .9     | .9     | .8     | .7     | .7     | .6     | .5     | .5     | .4     |
| 1983 & Planned Cap.                      | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 | 1800.0 |
| Excess (Under) Cap.                      | 1074.0 | 1014.0 | 949.0  | 880.0  | 804.0  | 722.0  | 633.0  | 546.0  | 453.0  | 354.0  | 246.0  | 130.0  |
| % Capacity Utiliz.                       | 40.3   | 43.6   | 47.2   | 51.1   | 55.3   | 59.8   | 64.8   | 69.6   | 74.8   | 80.3   | 86.3   | 92.7   |
| Baseline Classroom Requirements          |        |        |        |        |        |        |        |        |        |        |        |        |
| Baseline Classroom Requirements          | 34.1   | 37.0   | 40.1   | 43.3   | 47.0   | 50.9   | 55.1   | 59.2   | 63.7   | 68.4   | 73.6   | 79.1   |
| Project-Related Classroom Require.       |        |        |        |        |        |        |        |        |        |        |        |        |
| Project-Related Classroom Require.       | .4     | .4     | .4     | .4     | .4     | .4     | .4     | .4     | .4     | .3     | .3     | .3     |
| Total Classroom Requirements             |        |        |        |        |        |        |        |        |        |        |        |        |
| Total Classroom Requirements             | 34.5   | 37.4   | 40.5   | 43.8   | 47.4   | 51.3   | 55.5   | 59.7   | 64.1   | 68.8   | 74.0   | 79.5   |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF WASILLA - TOTAL SCHOOL CHILDREN

| YEARS                      | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003    | 2004    | 2005    |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| -----                      |        |        |        |        |        |        |        |        |        |         |         |         |
| PROJECT-RELATED ENROLLMENT | -----  |        |        |        |        |        |        |        |        |         |         |         |
| Direct Project             | 17.0   | 17.0   | 17.0   | 18.0   | 18.0   | 18.0   | 18.0   | 17.0   | 17.0   | 16.0    | 16.0    | 16.0    |
| Total Project              | 20.0   | 20.0   | 20.0   | 21.0   | 21.0   | 21.0   | 21.0   | 20.0   | 20.0   | 19.0    | 19.0    | 19.0    |
| -----                      |        |        |        |        |        |        |        |        |        |         |         |         |
| BASELINE                   | 1559.0 | 1689.0 | 1830.0 | 1981.0 | 2146.0 | 2324.0 | 2517.0 | 2706.0 | 2908.0 | 3126.0  | 3361.0  | 3613.0  |
| -----                      |        |        |        |        |        |        |        |        |        |         |         |         |
| TOTAL ENROLLMENT           | 1579.0 | 1709.0 | 1850.0 | 2002.0 | 2167.0 | 2345.0 | 2538.0 | 2726.0 | 2928.0 | 3145.0  | 3380.0  | 3632.0  |
| =====                      |        |        |        |        |        |        |        |        |        |         |         |         |
| Direct Enroll. As %        |        |        |        |        |        |        |        |        |        |         |         |         |
| Increase Over Baseline     | 1.0    | 1.0    | .9     | .9     | .8     | .7     | .7     | .6     | .5     | .5      | .4      | .4      |
| Total Enroll. As %         |        |        |        |        |        |        |        |        |        |         |         |         |
| Increase Over Baseline     | 1.2    | 1.1    | 1.0    | 1.0    | .9     | .9     | .8     | .7     | .6     | .6      | .5      | .5      |
| 1983 & Planned Cap.        | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0 | 2850.0  | 2850.0  | 2850.0  |
| Excess (Under) Cap.        | 1271.0 | 1141.0 | 1000.0 | 848.0  | 683.0  | 505.0  | 312.0  | 124.0  | (78.0) | (295.0) | (530.0) | (782.0) |
| % Capacity Utiliz.         | 55.4   | 59.9   | 64.9   | 70.2   | 76.0   | 82.2   | 89.0   | 95.6   | 102.7  | 110.3   | 118.6   | 127.4   |
| Baseline Classroom         |        |        |        |        |        |        |        |        |        |         |         |         |
| Requirements               | 67.8   | 73.4   | 79.6   | 86.1   | 93.3   | 101.1  | 109.5  | 117.7  | 126.5  | 136.0   | 146.2   | 157.1   |
| Project-Related            |        |        |        |        |        |        |        |        |        |         |         |         |
| Classroom Require.         | .8     | .8     | .8     | .9     | .9     | .9     | .9     | .9     | .8     | .8      | .8      | .8      |
| Total Classroom            |        |        |        |        |        |        |        |        |        |         |         |         |
| Requirements               | 68.6   | 74.3   | 80.4   | 87.0   | 94.2   | 102.0  | 110.4  | 118.5  | 127.3  | 136.8   | 147.0   | 158.0   |

FSER/SCHDOLV/SCHOLDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:06:15

PAGE: 222  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TRAPPER CREEK - PRIMARY SCHOOL CHILDREN

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT-RELATED ENROLLMENT                  | -----  |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 12.0   | 11.0   | 12.0   | 12.0   | 12.0   | 12.0   | 12.0   | 12.0   | 11.0   | 11.0   | 11.0   | 11.0   |
| Total Project                               | 17.0   | 15.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 15.0   | 15.0   | 15.0   | 15.0   |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| BASELINE                                    | 45.0   | 47.0   | 50.0   | 52.0   | 54.0   | 57.0   | 60.0   | 62.0   | 65.0   | 67.0   | 70.0   | 73.0   |
| -----                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| TOTAL ENROLLMENT                            | 62.0   | 62.0   | 67.0   | 69.0   | 71.0   | 74.0   | 77.0   | 79.0   | 80.0   | 82.0   | 85.0   | 88.0   |
| =====                                       |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Enroll. As %<br>Increase Over Basel. | 26.6   | 23.4   | 24.0   | 23.0   | 22.2   | 21.0   | 20.0   | 19.3   | 16.9   | 16.4   | 15.7   | 15.0   |
| Total Enroll. As %<br>Increase Over Basel.  | 37.7   | 31.9   | 34.0   | 32.6   | 31.4   | 29.8   | 28.3   | 27.4   | 23.0   | 22.3   | 21.4   | 20.5   |
| 1983 & Planned Cap.                         | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   |
| Excess (Under) Cap.                         | (12.0) | (12.0) | (17.0) | (19.0) | (21.0) | (24.0) | (27.0) | (29.0) | (30.0) | (32.0) | (35.0) | (38.0) |
| % Capacity Utiliz.                          | 124.0  | 124.0  | 134.0  | 138.0  | 142.0  | 148.0  | 154.0  | 158.0  | 160.0  | 164.0  | 170.0  | 176.0  |
| Baseline Classroom<br>Requirements          | 1.8    | 1.8    | 2.0    | 2.0    | 2.1    | 2.2    | 2.4    | 2.4    | 2.6    | 2.6    | 2.8    | 2.9    |
| Project-Related<br>Classroom Require.       | .6     | .6     | .6     | .6     | .6     | .6     | .6     | .6     | .6     | .6     | .6     | .6     |
| Total Classroom<br>Requirements             | 2.4    | 2.4    | 2.6    | 2.7    | 2.8    | 2.9    | 3.0    | 3.1    | 3.2    | 3.2    | 3.4    | 3.5    |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TRAPPER CREEK - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 10.0   | 10.0   | 10.0   | 10.0   | 11.0   | 11.0   | 11.0   | 10.0   | 10.0   | 10.0   | 10.0   | 10.0   |
| Total Project                               | 14.0   | 14.0   | 14.0   | 14.0   | 15.0   | 15.0   | 15.0   | 14.0   | 14.0   | 13.0   | 13.0   | 13.0   |
| BASELINE                                    | 38.0   | 40.0   | 42.0   | 44.0   | 46.0   | 49.0   | 51.0   | 53.0   | 55.0   | 57.0   | 59.0   | 62.0   |
| TOTAL ENROLLMENT                            | 52.0   | 54.0   | 56.0   | 58.0   | 61.0   | 64.0   | 66.0   | 67.0   | 69.0   | 70.0   | 72.0   | 75.0   |
| Direct Enroll. As %<br>Increase Over Basel. | 26.3   | 25.0   | 23.8   | 22.7   | 23.9   | 22.4   | 21.5   | 18.8   | 18.1   | 17.5   | 16.9   | 16.1   |
| Total Enroll. As %<br>Increase Over Basel.  | 36.8   | 35.0   | 33.3   | 31.8   | 32.6   | 30.6   | 29.4   | 26.4   | 25.4   | 22.8   | 22.0   | 20.9   |
| 1983 & Planned Cap.                         | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| Excess (Under) Cap.                         | (52.0) | (54.0) | (56.0) | (58.0) | (61.0) | (64.0) | (66.0) | (67.0) | (69.0) | (70.0) | (72.0) | (75.0) |
| % Capacity Utiliz.                          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| Baseline Classroom<br>Requirements          | 1.8    | 1.9    | 2.0    | 2.1    | 2.1    | 2.3    | 2.4    | 2.5    | 2.6    | 2.7    | 2.8    | 2.9    |
| Project-Related<br>Classroom Require.       | .6     | .6     | .6     | .6     | .7     | .7     | .7     | .6     | .6     | .6     | .6     | .6     |
| Total Classroom<br>Requirements             | 2.4    | 2.5    | 2.6    | 2.7    | 2.9    | 3.0    | 3.1    | 3.1    | 3.2    | 3.3    | 3.4    | 3.5    |



IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TRAPPER CREEK - TOTAL SCHOOL CHILDREN

| YEARS                                    | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003    | 2004    | 2005    |
|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT               |        |        |        |        |        |        |        |        |        |         |         |         |
| Direct Project                           | 22.0   | 21.0   | 22.0   | 22.0   | 23.0   | 23.0   | 23.0   | 22.0   | 21.0   | 21.0    | 21.0    | 21.0    |
| Total Project                            | 31.0   | 29.0   | 31.0   | 31.0   | 32.0   | 32.0   | 32.0   | 31.0   | 29.0   | 28.0    | 28.0    | 28.0    |
| BASELINE                                 |        |        |        |        |        |        |        |        |        |         |         |         |
|                                          | 83.0   | 87.0   | 92.0   | 96.0   | 100.0  | 106.0  | 111.0  | 115.0  | 120.0  | 124.0   | 129.0   | 135.0   |
| TOTAL ENROLLMENT                         | 114.0  | 116.0  | 123.0  | 127.0  | 132.0  | 138.0  | 143.0  | 146.0  | 149.0  | 152.0   | 157.0   | 163.0   |
| Direct Enroll. As % Increase Over Basel. |        |        |        |        |        |        |        |        |        |         |         |         |
|                                          | 26.5   | 24.1   | 23.9   | 22.9   | 23.0   | 21.7   | 20.7   | 19.1   | 17.5   | 16.9    | 16.2    | 15.5    |
| Total Enroll. As % Increase Over Basel.  |        |        |        |        |        |        |        |        |        |         |         |         |
|                                          | 37.3   | 33.3   | 33.7   | 32.2   | 32.0   | 30.1   | 28.8   | 26.9   | 24.1   | 22.5    | 21.7    | 20.7    |
| 1983 & Planned Cap.                      | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0   | 50.0    | 50.0    | 50.0    |
| Excess (Under) Cap.                      | (64.0) | (66.0) | (73.0) | (77.0) | (82.0) | (88.0) | (93.0) | (96.0) | (99.0) | (102.0) | (107.0) | (113.0) |
| % Capacity Utiliz.                       | 228.0  | 232.0  | 246.0  | 254.0  | 264.0  | 276.0  | 286.0  | 292.0  | 298.0  | 304.0   | 314.0   | 326.0   |
| Baseline Classroom Requirements          |        |        |        |        |        |        |        |        |        |         |         |         |
|                                          | 3.6    | 3.7    | 4.0    | 4.1    | 4.3    | 4.6    | 4.8    | 5.0    | 5.2    | 5.3     | 5.6     | 5.8     |
| Project-Related Classroom Require.       |        |        |        |        |        |        |        |        |        |         |         |         |
|                                          | 1.3    | 1.2    | 1.3    | 1.3    | 1.3    | 1.3    | 1.3    | 1.3    | 1.2    | 1.2     | 1.2     | 1.2     |
| Total Classroom Requirements             |        |        |        |        |        |        |        |        |        |         |         |         |
|                                          | 4.9    | 5.0    | 5.3    | 5.5    | 5.7    | 6.0    | 6.2    | 6.3    | 6.4    | 6.6     | 6.8     | 7.0     |

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Alternate 01 of 01  
05/04/84 AT 15:06:40

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
IN THE COMMUNITY OF TALLEETNA - PRIMARY SCHOOL CHILDREN

| YEARS                                    | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT               |       |       |       |       |       |       |        |        |        |        |        |        |
| Direct Project                           | 11.0  | 11.0  | 11.0  | 12.0  | 12.0  | 12.0  | 12.0   | 11.0   | 11.0   | 11.0   | 11.0   | 11.0   |
| Total Project                            | 13.0  | 13.0  | 13.0  | 14.0  | 14.0  | 14.0  | 14.0   | 13.0   | 13.0   | 12.0   | 12.0   | 12.0   |
| BASELINE                                 | 72.0  | 76.0  | 80.0  | 85.0  | 90.0  | 95.0  | 101.0  | 106.0  | 111.0  | 116.0  | 122.0  | 128.0  |
| TOTAL ENROLLMENT                         | 85.0  | 89.0  | 93.0  | 99.0  | 104.0 | 109.0 | 115.0  | 119.0  | 124.0  | 128.0  | 134.0  | 140.0  |
| Direct Enroll. As % Increase Over Basel. | 15.2  | 14.4  | 13.7  | 14.1  | 13.3  | 12.6  | 11.8   | 10.3   | 9.9    | 9.4    | 9.0    | 8.5    |
| Total Enroll. As % Increase Over Basel.  | 18.0  | 17.1  | 16.2  | 16.4  | 15.5  | 14.7  | 13.8   | 12.2   | 11.7   | 10.3   | 9.8    | 9.3    |
| 1983 & Planned Cap.                      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| Excess (Under) Cap.                      | 15.0  | 11.0  | 7.0   | 1.0   | (4.0) | (9.0) | (15.0) | (19.0) | (24.0) | (28.0) | (34.0) | (40.0) |
| % Capacity Utiliz.                       | 85.0  | 89.0  | 93.0  | 99.0  | 104.0 | 109.0 | 115.0  | 119.0  | 124.0  | 128.0  | 134.0  | 140.0  |
| Baseline Classroom Requirements          | 2.8   | 3.0   | 3.2   | 3.4   | 3.6   | 3.8   | 4.0    | 4.2    | 4.4    | 4.6    | 4.8    | 5.1    |
| Project-Related Classroom Require.       | .5    | .5    | .5    | .5    | .5    | .5    | .5     | .5     | .5     | .4     | .4     | .4     |
| Total Classroom Requirements             | 3.4   | 3.5   | 3.7   | 3.9   | 4.1   | 4.3   | 4.6    | 4.7    | 4.9    | 5.1    | 5.3    | 5.6    |

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PSER/SCHDQLV/SCHDLOCH/PSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:06:46

PAGE: 226  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TALLESTNA - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001    | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| -----                                       |        |        |        |        |        |        |        |         |         |         |         |         |
| PROJECT-RELATED ENROLLMENT                  | -----  |        |        |        |        |        |        |         |         |         |         |         |
| Direct Project                              | 10.0   | 10.0   | 10.0   | 10.0   | 10.0   | 10.0   | 10.0   | 10.0    | 9.0     | 9.0     | 9.0     | 9.0     |
| Total Project                               | 12.0   | 11.0   | 12.0   | 12.0   | 12.0   | 12.0   | 12.0   | 12.0    | 10.0    | 10.0    | 10.0    | 10.0    |
| BASELINE                                    | 61.0   | 65.0   | 68.0   | 72.0   | 77.0   | 81.0   | 86.0   | 90.0    | 94.0    | 99.0    | 104.0   | 109.0   |
| TOTAL ENROLLMENT                            | 73.0   | 76.0   | 80.0   | 84.0   | 89.0   | 93.0   | 98.0   | 102.0   | 104.0   | 109.0   | 114.0   | 119.0   |
| =====                                       |        |        |        |        |        |        |        |         |         |         |         |         |
| Direct Enroll. As %<br>Increase Over Basel. | 16.3   | 15.3   | 14.7   | 13.8   | 12.9   | 12.3   | 11.6   | 11.1    | 9.5     | 9.0     | 8.6     | 8.2     |
| Total Enroll. As %<br>Increase Over Basel.  | 19.6   | 16.9   | 17.6   | 16.6   | 15.5   | 14.8   | 13.9   | 13.3    | 10.6    | 10.1    | 9.6     | 9.1     |
| 1983 & Planned Cap.                         | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Excess (Under) Cap.                         | (73.0) | (76.0) | (80.0) | (84.0) | (89.0) | (93.0) | (98.0) | (102.0) | (104.0) | (109.0) | (114.0) | (119.0) |
| % Capacity Utiliz.                          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Baseline Classroom<br>Requirements          | 2.9    | 3.1    | 3.2    | 3.4    | 3.6    | 3.8    | 4.1    | 4.2     | 4.4     | 4.7     | 4.9     | 5.1     |
| Project-Related<br>Classroom Require.       | .5     | .5     | .5     | .5     | .5     | .5     | .5     | .5      | .4      | .4      | .4      | .4      |
| Total Classroom<br>Requirements             | 3.4    | 3.6    | 3.8    | 4.0    | 4.2    | 4.4    | 4.6    | 4.8     | 4.9     | 5.1     | 5.4     | 5.6     |

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FSER/SCHDOLV/SCHDLOCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:06:54

PAGE: 227  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF TALLEETNA - TOTAL SCHOOL CHILDREN

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998   | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| -----                                       |        |        |        |        |        |         |         |         |         |         |         |         |
| PROJECT-RELATED ENROLLMENT                  | -----  |        |        |        |        |         |         |         |         |         |         |         |
| Direct Project                              | 21.0   | 21.0   | 21.0   | 22.0   | 22.0   | 22.0    | 22.0    | 21.0    | 20.0    | 20.0    | 20.0    | 20.0    |
| Total Project                               | 25.0   | 24.0   | 25.0   | 26.0   | 26.0   | 26.0    | 26.0    | 25.0    | 23.0    | 22.0    | 22.0    | 22.0    |
| -----                                       |        |        |        |        |        |         |         |         |         |         |         |         |
| BASELINE                                    | 133.0  | 141.0  | 148.0  | 157.0  | 167.0  | 176.0   | 187.0   | 196.0   | 205.0   | 215.0   | 226.0   | 237.0   |
| -----                                       |        |        |        |        |        |         |         |         |         |         |         |         |
| TOTAL ENROLLMENT                            | 158.0  | 165.0  | 173.0  | 183.0  | 193.0  | 202.0   | 213.0   | 221.0   | 228.0   | 237.0   | 248.0   | 259.0   |
| =====                                       |        |        |        |        |        |         |         |         |         |         |         |         |
| Direct Enroll. As %<br>Increase Over Basel. | 15.7   | 14.8   | 14.1   | 14.0   | 13.1   | 12.5    | 11.7    | 10.7    | 9.7     | 9.3     | 8.8     | 8.4     |
| Total Enroll. As %<br>Increase Over Basel.  | 18.8   | 17.0   | 16.8   | 16.5   | 15.5   | 14.7    | 13.9    | 12.7    | 11.2    | 10.2    | 9.7     | 9.2     |
| 1983 & Planned Cap.                         | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0   | 100.0   | 100.0   | 100.0   | 100.0   | 100.0   | 100.0   |
| Excess (Under) Cap.                         | (58.0) | (65.0) | (73.0) | (83.0) | (93.0) | (102.0) | (113.0) | (121.0) | (128.0) | (137.0) | (148.0) | (159.0) |
| % Capacity Utiliz.                          | 158.0  | 165.0  | 173.0  | 183.0  | 193.0  | 202.0   | 213.0   | 221.0   | 228.0   | 237.0   | 248.0   | 259.0   |
| Baseline Classroom<br>Requirements          | 5.7    | 6.1    | 6.4    | 6.8    | 7.2    | 7.6     | 8.1     | 8.5     | 8.9     | 9.3     | 9.8     | 10.3    |
| Project-Related<br>Classroom Require.       | 1.0    | 1.0    | 1.0    | 1.1    | 1.1    | 1.1     | 1.1     | 1.0     | 1.0     | .9      | .9      | .9      |
| Total Classroom<br>Requirements             | 6.8    | 7.1    | 7.5    | 7.9    | 8.4    | 8.7     | 9.2     | 9.6     | 9.9     | 10.3    | 10.7    | 11.2    |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH - PRIMARY SCHOOL CHILDREN

| YEARS                                         | 1994     | 1995     | 1996     | 1997     | 1998     | 1999     | 2000     | 2001     | 2002     | 2003     | 2004     | 2005    |
|-----------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| -----                                         |          |          |          |          |          |          |          |          |          |          |          |         |
| PROJECT-RELATED ENROLLMENT                    | -----    |          |          |          |          |          |          |          |          |          |          |         |
| Direct Project                                | 200.0    | 176.0    | 201.0    | 237.0    | 259.0    | 260.0    | 259.0    | 230.0    | 160.0    | 148.0    | 148.0    | 148.0   |
| Total Project                                 | 220.0    | 196.0    | 221.0    | 258.0    | 290.0    | 281.0    | 280.0    | 251.0    | 179.0    | 167.0    | 167.0    | 167.0   |
| -----                                         |          |          |          |          |          |          |          |          |          |          |          |         |
| BASELINE                                      | 7355.0   | 7669.0   | 8025.0   | 8407.0   | 8786.0   | 9183.0   | 9596.0   | 9952.0   | 10321.0  | 10712.0  | 11119.0  | 11544.0 |
| -----                                         |          |          |          |          |          |          |          |          |          |          |          |         |
| TOTAL ENROLLMENT                              | 7575.0   | 7865.0   | 8246.0   | 8665.0   | 9066.0   | 9464.0   | 9876.0   | 10203.0  | 10500.0  | 10879.0  | 11286.0  | 11711.0 |
| =====                                         |          |          |          |          |          |          |          |          |          |          |          |         |
| Direct Enroll. As %<br>Increase Over Baseline | 2.7      | 2.2      | 2.5      | 2.8      | 2.9      | 2.8      | 2.7      | 2.3      | 1.5      | 1.3      | 1.3      | 1.2     |
| Total Enroll. As %<br>Increase Over Baseline  | 2.9      | 2.5      | 2.7      | 3.0      | 3.1      | 3.0      | 2.9      | 2.5      | 1.7      | 1.5      | 1.5      | 1.4     |
| 1983 & Planned Cap.                           | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 4835.0   | 0.0     |
| Excess (Under) Cap.                           | (2740.0) | (3030.0) | (3411.0) | (3330.0) | (4231.0) | (4629.0) | (5041.0) | (5368.0) | (5665.0) | (6044.0) | (6451.0) | 11711.0 |
| % Capacity Utiliz.                            | 156.6    | 162.6    | 170.5    | 179.2    | 187.5    | 195.7    | 204.2    | 211.0    | 217.1    | 225.0    | 233.4    | 0.0     |
| Baseline Classroom<br>Requirements            | 294.2    | 306.7    | 321.0    | 336.2    | 351.4    | 367.3    | 383.8    | 398.0    | 412.8    | 428.4    | 444.7    | 461.7   |
| Project-Related<br>Classroom Require.         | 8.8      | 7.8      | 8.2      | 10.3     | 11.2     | 11.2     | 11.2     | 10.0     | 7.1      | 6.6      | 6.6      | 6.6     |
| Total Classroom<br>Requirements               | 303.0    | 314.6    | 329.8    | 346.6    | 362.6    | 378.5    | 395.0    | 408.1    | 420.0    | 435.1    | 451.4    | 468.4   |

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FSER/SCHDDLV/SCHDLDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:07:12

PAGE: 229  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1994     | 1995     | 1996     | 1997     | 1998     | 1999     | 2000     | 2001     | 2002     | 2003     | 2004     | 2005     |
|---------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| PROJECT-RELATED ENROLLMENT                  |          |          |          |          |          |          |          |          |          |          |          |          |
| Direct Project                              | 170.0    | 150.0    | 171.0    | 202.0    | 221.0    | 221.0    | 221.0    | 197.0    | 137.0    | 127.0    | 127.0    | 127.0    |
| Total Project                               | 187.0    | 167.0    | 186.0    | 220.0    | 239.0    | 239.0    | 239.0    | 214.0    | 154.0    | 143.0    | 143.0    | 143.0    |
| BASELINE                                    | 6265.0   | 6533.0   | 6836.0   | 7162.0   | 7485.0   | 7822.0   | 8174.0   | 8478.0   | 8792.0   | 9125.0   | 9471.0   | 9834.0   |
| TOTAL ENROLLMENT                            | 6452.0   | 6700.0   | 7024.0   | 7382.0   | 7724.0   | 8061.0   | 8413.0   | 8692.0   | 8946.0   | 9268.0   | 9614.0   | 9977.0   |
| Direct Enroll. As %<br>Increase Over Basel. | 2.7      | 2.3      | 2.5      | 2.8      | 2.9      | 2.8      | 2.7      | 2.3      | 1.5      | 1.3      | 1.3      | 1.2      |
| Total Enroll. As %<br>Increase Over Basel.  | 2.9      | 2.5      | 2.7      | 3.0      | 3.1      | 3.0      | 2.9      | 2.5      | 1.7      | 1.5      | 1.5      | 1.4      |
| 1983 & Planned Cap.                         | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 4080.0   | 0.0      |
| Excess (Under) Cap.                         | (2372.0) | (2620.0) | (2944.0) | (3302.0) | (3644.0) | (3981.0) | (4333.0) | (4612.0) | (4866.0) | (5188.0) | (5534.0) | (9977.0) |
| % Capacity Utiliz.                          | 158.1    | 164.2    | 172.1    | 180.9    | 189.3    | 197.5    | 206.2    | 213.0    | 219.2    | 227.1    | 235.6    | 0.0      |
| Baseline Classroom<br>Requirements          | 298.3    | 311.1    | 325.5    | 341.0    | 356.4    | 372.4    | 389.2    | 403.7    | 418.6    | 434.5    | 451.0    | 468.2    |
| Project-Related<br>Classroom Require.       | 8.9      | 7.9      | 8.9      | 10.4     | 11.3     | 11.3     | 11.3     | 10.1     | 7.3      | 6.8      | 6.8      | 6.8      |
| Total Classroom<br>Requirements             | 307.2    | 319.0    | 334.4    | 351.5    | 367.8    | 383.8    | 400.6    | 413.9    | 426.0    | 441.3    | 457.8    | 475.1    |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE MATANUSKA-SUSITNA BOROUGH - TOTAL SCHOOL CHILDREN

| YEARS                                       | 1994     | 1995     | 1996     | 1997     | 1998     | 1999     | 2000     | 2001     | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT                  |          |          |          |          |          |          |          |          |         |         |         |         |
| Direct Project                              | 370.0    | 325.0    | 372.0    | 439.0    | 480.0    | 481.0    | 480.0    | 427.0    | 297.0   | 275.0   | 275.0   | 275.0   |
| Total Project                               | 407.0    | 363.0    | 409.0    | 478.0    | 519.0    | 520.0    | 519.0    | 465.0    | 333.0   | 310.0   | 310.0   | 310.0   |
| BASELINE                                    | 13620.0  | 14202.0  | 14861.0  | 15569.0  | 16271.0  | 17005.0  | 17770.0  | 18430.0  | 19113.0 | 19837.0 | 20590.0 | 21378.0 |
| TOTAL ENROLLMENT                            | 14027.0  | 14565.0  | 15270.0  | 16047.0  | 16790.0  | 17525.0  | 18289.0  | 18895.0  | 19446.0 | 20147.0 | 20900.0 | 21688.0 |
| Direct Enroll. As %<br>Increase Over Basel. | 2.7      | 2.3      | 2.5      | 2.8      | 2.9      | 2.8      | 2.7      | 2.3      | 1.5     | 1.3     | 1.3     | 1.2     |
| Total Enroll. As %<br>Increase Over Basel.  | 2.9      | 2.5      | 2.7      | 3.0      | 3.1      | 3.0      | 2.9      | 2.5      | 1.7     | 1.5     | 1.5     | 1.4     |
| 1983 & Planned Cap.                         | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0   | 8915.0  | 8915.0  | 8915.0  | 0.0     |
| Excess (Under) Cap.                         | (5112.0) | (5650.0) | (6355.0) | (7132.0) | (7875.0) | (8610.0) | (9374.0) | (9980.0) | 10531.0 | 11232.0 | 11985.0 | 21688.0 |
| % Capacity Utiliz.                          | 157.3    | 163.3    | 171.2    | 180.0    | 188.3    | 196.5    | 205.1    | 211.9    | 218.1   | 225.9   | 234.4   | 0.0     |
| Baseline Classroom<br>Requirements          | 592.5    | 617.8    | 646.5    | 677.3    | 707.8    | 739.8    | 773.0    | 801.7    | 831.5   | 863.0   | 895.7   | 930.0   |
| Project-Related<br>Classroom Require.       | 17.7     | 15.7     | 17.7     | 20.8     | 22.5     | 22.6     | 22.5     | 20.2     | 14.4    | 13.4    | 13.4    | 13.4    |
| Total Classroom<br>Requirements             | 610.2    | 633.6    | 664.3    | 698.1    | 730.4    | 762.4    | 795.6    | 822.0    | 846.0   | 876.4   | 909.2   | 943.5   |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF HOUSTON - PRIMARY SCHOOL CHILDREN

| YEARS                                    | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT               |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Project                           | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     | 9.0     |
| Total Project                            | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    | 10.0    |
| BASELINE                                 |         |         |         |         |         |         |         |         |         |         |         |         |
| TOTAL ENROLLMENT                         | 223.0   | 247.0   | 274.0   | 304.0   | 337.0   | 373.0   | 414.0   | 455.0   | 500.0   | 550.0   | 605.0   | 666.0   |
| Direct Enroll. As % Increase Over Basel. |         |         |         |         |         |         |         |         |         |         |         |         |
| Total Enroll. As % Increase Over Basel.  | 4.0     | 3.6     | 3.2     | 2.9     | 2.6     | 2.4     | 2.1     | 1.9     | 1.8     | 1.6     | 1.4     | 1.3     |
| 1983 & Planned Cap.                      |         |         |         |         |         |         |         |         |         |         |         |         |
| Excess (Under) Cap.                      | (233.0) | (257.0) | (284.0) | (314.0) | (347.0) | (383.0) | (424.0) | (465.0) | (510.0) | (560.0) | (615.0) | (676.0) |
| % Capacity Utiliz.                       | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Baseline Classroom Requirements          |         |         |         |         |         |         |         |         |         |         |         |         |
| Project-Related Classroom Require.       | .4      | .4      | .4      | .4      | .4      | .4      | .4      | .4      | .4      | .4      | .4      | .4      |
| Total Classroom Requirements             | 9.3     | 10.2    | 11.3    | 12.5    | 13.8    | 15.3    | 16.9    | 18.6    | 20.4    | 22.4    | 24.6    | 27.0    |



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 Alternate 01 of 01  
 05/04/84 AT 15:07:30

PAGE: 232  
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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF HOUSTON - SECONDARY SCHOOL CHILDREN

| YEARS                                       | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED ENROLLMENT                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                              | 7.0   | 7.0   | 7.0   | 8.0   | 8.0   | 8.0   | 8.0   | 7.0   | 7.0   | 7.0   | 7.0   | 7.0   |
| Total Project                               | 8.0   | 8.0   | 8.0   | 9.0   | 9.0   | 9.0   | 9.0   | 8.0   | 8.0   | 8.0   | 8.0   | 8.0   |
| BASELINE                                    | 190.0 | 211.0 | 234.0 | 259.0 | 287.0 | 318.0 | 352.0 | 387.0 | 426.0 | 469.0 | 516.0 | 567.0 |
| TOTAL ENROLLMENT                            | 198.0 | 219.0 | 242.0 | 268.0 | 296.0 | 327.0 | 361.0 | 395.0 | 434.0 | 477.0 | 524.0 | 575.0 |
| Direct Enroll. As %<br>Increase Over Basel. | 3.6   | 3.3   | 2.9   | 3.0   | 2.7   | 2.5   | 2.2   | 1.8   | 1.6   | 1.4   | 1.3   | 1.2   |
| Total Enroll. As %<br>Increase Over Basel.  | 4.2   | 3.7   | 3.4   | 3.4   | 3.1   | 2.8   | 2.5   | 2.0   | 1.8   | 1.7   | 1.5   | 1.4   |
| 1983 & Planned Cap.                         | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 | 600.0 |
| Excess (Under) Cap.                         | 402.0 | 381.0 | 358.0 | 332.0 | 304.0 | 273.0 | 239.0 | 205.0 | 166.0 | 123.0 | 76.0  | 25.0  |
| % Capacity Utiliz.                          | 33.0  | 36.5  | 40.3  | 44.6  | 49.3  | 54.5  | 60.1  | 65.8  | 72.3  | 79.5  | 87.3  | 95.8  |
| Baseline Classroom<br>Requirements          | 9.0   | 10.0  | 11.1  | 12.3  | 13.6  | 15.1  | 16.7  | 18.4  | 20.2  | 22.3  | 24.5  | 27.0  |
| Project-Related<br>Classroom Require.       | .3    | .3    | .3    | .4    | .4    | .4    | .4    | .3    | .3    | .3    | .3    | .3    |
| Total Classroom<br>Requirements             | 9.4   | 10.4  | 11.5  | 12.7  | 14.1  | 15.5  | 17.1  | 18.8  | 20.6  | 22.7  | 24.9  | 27.3  |

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 Alternate 01 of 01  
 05/04/84 AT 15:07:38

PAGE: 233  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE CITY OF HOUSTON - TOTAL SCHOOL CHILDREN

| YEARS                                       | 1994  | 1995  | 1996  | 1997  | 1998   | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|---------------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED ENROLLMENT                  |       |       |       |       |        |         |         |         |         |         |         |         |
| Direct Project                              | 16.0  | 16.0  | 16.0  | 17.0  | 17.0   | 17.0    | 17.0    | 16.0    | 16.0    | 16.0    | 16.0    | 16.0    |
| Total Project                               | 18.0  | 18.0  | 18.0  | 19.0  | 19.0   | 19.0    | 19.0    | 18.0    | 18.0    | 18.0    | 18.0    | 18.0    |
| BASELINE                                    | 413.0 | 458.0 | 508.0 | 563.0 | 624.0  | 691.0   | 766.0   | 842.0   | 926.0   | 1019.0  | 1121.0  | 1233.0  |
| TOTAL ENROLLMENT                            | 431.0 | 476.0 | 526.0 | 582.0 | 643.0  | 710.0   | 785.0   | 860.0   | 944.0   | 1037.0  | 1139.0  | 1251.0  |
| Direct Enroll. As %<br>Increase Over Basel. | 3.8   | 3.4   | 3.1   | 3.0   | 2.7    | 2.4     | 2.2     | 1.9     | 1.7     | 1.5     | 1.4     | 1.3     |
| Total Enroll. As %<br>Increase Over Basel.  | 4.3   | 3.9   | 3.5   | 3.3   | 3.0    | 2.7     | 2.4     | 2.1     | 1.9     | 1.7     | 1.6     | 1.4     |
| 1983 & Planned Cap.                         | 600.0 | 600.0 | 600.0 | 600.0 | 600.0  | 600.0   | 600.0   | 600.0   | 600.0   | 600.0   | 600.0   | 600.0   |
| Excess (Under) Cap.                         | 169.0 | 124.0 | 74.0  | 18.0  | (43.0) | (110.0) | (185.0) | (260.0) | (344.0) | (437.0) | (539.0) | (651.0) |
| % Capacity Utiliz.                          | 71.8  | 79.3  | 87.6  | 97.0  | 107.1  | 118.3   | 130.8   | 143.3   | 157.3   | 172.8   | 189.8   | 208.5   |
| Baseline Classroom<br>Requirements          | 17.9  | 19.9  | 22.1  | 24.4  | 27.1   | 30.0    | 33.3    | 36.6    | 40.2    | 44.3    | 48.7    | 53.6    |
| Project-Related<br>Classroom Require.       | .7    | .7    | .7    | .8    | .8     | .8      | .8      | .7      | .7      | .7      | .7      | .7      |
| Total Classroom<br>Requirements             | 18.7  | 20.7  | 22.8  | 25.3  | 27.9   | 30.8    | 34.1    | 37.4    | 41.0    | 45.1    | 49.5    | 54.4    |

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FSEK/SCHDOLV/SCHOLDCH/FSEKRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:07:45

PAGE: 234  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 ON-SITE - PRIMARY SCHOOL CHILDREN

| YEARS                                    | 1994           | 1995          | 1996           | 1997           | 1998           | 1999           | 2000           | 2001           | 2002          | 2003          | 2004          | 2005          |
|------------------------------------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
| PROJECT-RELATED ENROLLMENT               |                |               |                |                |                |                |                |                |               |               |               |               |
| Direct Project                           | 113.0          | 91.0          | 114.0          | 147.0          | 168.0          | 168.0          | 168.0          | 144.0          | 76.0          | 65.0          | 65.0          | 65.0          |
| Total Project                            | 113.0          | 91.0          | 114.0          | 147.0          | 168.0          | 168.0          | 168.0          | 144.0          | 76.0          | 65.0          | 65.0          | 65.0          |
| BASELINE                                 |                |               |                |                |                |                |                |                |               |               |               |               |
|                                          | 0.0            | 0.0           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0           | 0.0           | 0.0           | 0.0           |
| TOTAL ENROLLMENT                         | 113.0          | 91.0          | 114.0          | 147.0          | 168.0          | 168.0          | 168.0          | 144.0          | 76.0          | 65.0          | 65.0          | 65.0          |
| Direct Enroll. As % Increase Over Basel. | 0.0            | 0.0           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0           | 0.0           | 0.0           | 0.0           |
| Total Enroll. As % Increase Over Basel.  | 0.0            | 0.0           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0           | 0.0           | 0.0           | 0.0           |
| 1983 & Planned Cap.                      | 0.0            | 0.0           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0           | 0.0           | 0.0           | 0.0           |
| Excess (Under) Cap. % Capacity Utiliz.   | (113.0)<br>0.0 | (91.0)<br>0.0 | (114.0)<br>0.0 | (147.0)<br>0.0 | (168.0)<br>0.0 | (168.0)<br>0.0 | (168.0)<br>0.0 | (144.0)<br>0.0 | (76.0)<br>0.0 | (65.0)<br>0.0 | (65.0)<br>0.0 | (65.0)<br>0.0 |
| Baseline Classroom Requirements          | 0.0            | 0.0           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0           | 0.0           | 0.0           | 0.0           |
| Project-Related Classroom Require.       | 4.5            | 3.6           | 4.5            | 5.8            | 6.7            | 6.7            | 6.7            | 5.7            | 3.0           | 2.6           | 2.6           | 2.6           |
| Total Classroom Requirements             | 4.5            | 3.6           | 4.5            | 5.8            | 6.7            | 6.7            | 6.7            | 5.7            | 3.0           | 2.6           | 2.6           | 2.6           |

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FSER/SCHDOLV/SCHDLOCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:07:52

PAGE: 235  
 USER = SUS

IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 ON-SITE - SECONDARY SCHOOL CHILDREN

| YEARS                                    | 1994    | 1995   | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002   | 2003   | 2004   | 2005   |
|------------------------------------------|---------|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| -----                                    |         |        |         |         |         |         |         |         |        |        |        |        |
| PROJECT-RELATED ENROLLMENT               | -----   |        |         |         |         |         |         |         |        |        |        |        |
| Direct Project                           | 96.0    | 78.0   | 97.0    | 126.0   | 143.0   | 143.0   | 143.0   | 123.0   | 65.0   | 56.0   | 56.0   | 56.0   |
| Total Project                            | 113.0   | 91.0   | 114.0   | 147.0   | 168.0   | 168.0   | 168.0   | 144.0   | 76.0   | 65.0   | 65.0   | 65.0   |
| -----                                    |         |        |         |         |         |         |         |         |        |        |        |        |
| BASELINE                                 | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |
| -----                                    |         |        |         |         |         |         |         |         |        |        |        |        |
| TOTAL ENROLLMENT                         | 113.0   | 91.0   | 114.0   | 147.0   | 168.0   | 168.0   | 168.0   | 144.0   | 76.0   | 65.0   | 65.0   | 65.0   |
| =====                                    |         |        |         |         |         |         |         |         |        |        |        |        |
| Direct Enroll. As % Increase Over Basel. | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |
| Total Enroll. As % Increase Over Basel.  | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |
| 1983 & Planned Cap.                      | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |
| Excess (Under) Cap.                      | (113.0) | (91.0) | (114.0) | (147.0) | (168.0) | (168.0) | (168.0) | (144.0) | (76.0) | (65.0) | (65.0) | (65.0) |
| % Capacity Utiliz.                       | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |
| Baseline Classroom Requirements          | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |
| Project-Related Classroom Require.       | 4.5     | 3.7    | 4.6     | 6.0     | 6.8     | 6.8     | 6.8     | 5.8     | 3.1    | 2.6    | 2.6    | 2.6    |
| Total Classroom Requirements             | 4.5     | 3.7    | 4.6     | 6.0     | 6.8     | 6.8     | 6.8     | 5.8     | 3.1    | 2.6    | 2.6    | 2.6    |

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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 ON-SITE - TOTAL SCHOOL CHILDREN

| YEARS                                    | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    |
|------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -----                                    |         |         |         |         |         |         |         |         |         |         |         |         |
| PROJECT-RELATED ENROLLMENT               | -----   |         |         |         |         |         |         |         |         |         |         |         |
| Direct Project                           | 209.0   | 169.0   | 211.0   | 273.0   | 311.0   | 311.0   | 311.0   | 267.0   | 141.0   | 121.0   | 121.0   | 121.0   |
| Total Project                            | 209.0   | 169.0   | 211.0   | 273.0   | 311.0   | 311.0   | 311.0   | 267.0   | 141.0   | 121.0   | 121.0   | 121.0   |
| -----                                    |         |         |         |         |         |         |         |         |         |         |         |         |
| BASELINE                                 | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -----                                    |         |         |         |         |         |         |         |         |         |         |         |         |
| TOTAL ENROLLMENT                         | 209.0   | 169.0   | 211.0   | 273.0   | 311.0   | 311.0   | 311.0   | 267.0   | 141.0   | 121.0   | 121.0   | 121.0   |
| =====                                    |         |         |         |         |         |         |         |         |         |         |         |         |
| Direct Enroll. As % Increase Over Basel. | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Total Enroll. As % Increase Over Basel.  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 1983 & Planned Cap.                      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Excess (Under) Cap.                      | (209.0) | (169.0) | (211.0) | (273.0) | (311.0) | (311.0) | (311.0) | (267.0) | (141.0) | (121.0) | (121.0) | (121.0) |
| % Capacity Utiliz.                       | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Baseline Classroom Requirements          | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Project-Related Classroom Require.       | 9.0     | 7.3     | 9.1     | 11.8    | 13.5    | 13.5    | 13.5    | 11.6    | 6.1     | 5.2     | 5.2     | 5.2     |
| Total Classroom Requirements             | 9.0     | 7.3     | 9.1     | 11.8    | 13.5    | 13.5    | 13.5    | 11.6    | 6.1     | 5.2     | 5.2     | 5.2     |

FSER/SCHODLV/SCHOLDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:09

PAGE: 237  
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IMPACT OF THE PROJECT ON EDUCATION FACILITIES  
 IN THE COMMUNITY OF CANTWELL

| YEARS                                       | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED ENROLLMENT                  |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Project                              | 34.0   | 33.0   | 34.0   | 35.0   | 36.0   | 36.0   | 35.0   | 34.0   | 33.0   | 32.0   | 32.0   | 32.0   |
| Total Project                               | 36.0   | 35.0   | 36.0   | 37.0   | 39.0   | 39.0   | 38.0   | 36.0   | 35.0   | 34.0   | 34.0   | 34.0   |
| BASELINE                                    | 43.0   | 44.0   | 45.0   | 46.0   | 47.0   | 48.0   | 48.0   | 50.0   | 50.0   | 52.0   | 52.0   | 54.0   |
| TOTAL ENROLLMENT                            | 79.0   | 79.0   | 81.0   | 83.0   | 86.0   | 87.0   | 86.0   | 86.0   | 85.0   | 86.0   | 86.0   | 88.0   |
| Direct Enroll. As %<br>Increase Over Basel. | 79.0   | 75.0   | 75.5   | 76.0   | 76.6   | 75.0   | 72.9   | 68.0   | 66.0   | 61.5   | 61.5   | 59.2   |
| Total Enroll. As %<br>Increase Over Basel.  | 83.7   | 79.5   | 80.0   | 80.4   | 82.9   | 81.2   | 79.1   | 72.0   | 70.0   | 65.3   | 65.3   | 62.9   |
| 1983 & Planned Cap.                         | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   | 60.0   |
| Excess (Under) Cap.                         | (19.0) | (19.0) | (21.0) | (23.0) | (26.0) | (27.0) | (26.0) | (26.0) | (25.0) | (26.0) | (26.0) | (28.0) |
| % Capacity Utiliz.                          | 131.6  | 131.6  | 135.0  | 138.3  | 143.3  | 145.0  | 143.3  | 143.3  | 141.6  | 143.3  | 143.3  | 146.6  |
| Baseline Classroom<br>Requirements          | 1.3    | 1.3    | 1.4    | 1.4    | 1.4    | 1.4    | 1.4    | 1.5    | 1.5    | 1.6    | 1.6    | 1.6    |
| Project-Related<br>Classroom Require.       | 1.1    | 1.0    | 1.1    | 1.1    | 1.2    | 1.2    | 1.1    | 1.1    | 1.0    | 1.0    | 1.0    | 1.0    |
| Total Classroom<br>Requirements             | 2.4    | 2.4    | 2.5    | 2.5    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.7    |

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FSEK/RECREATV/RECREWAH/FSEKPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:03:25

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PAGE: 238

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF PALMER - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                        | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                                | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| BASELINE                                     | 4.1   | 4.4   | 4.7   | 5.0   | 5.4   | 5.7   | 5.9   | 6.1   | 6.4   |
| TOTAL REQUIREMENTS                           | 4.2   | 4.5   | 4.7   | 5.1   | 5.4   | 5.9   | 6.0   | 6.2   | 6.4   |
| Direct Require. As %<br>Increase Over Basel. | .4    | .6    | .8    | .9    | 1.1   | 1.2   | 1.1   | 1.1   | 1.0   |
| Total Require. As %<br>Increase Over Basel.  | .4    | .9    | .8    | .9    | 1.3   | 1.5   | 1.5   | 1.2   | 1.2   |
| Capacity                                     | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   |
| Excess (Under) Cap.                          | (.2)  | (.5)  | (.7)  | (1.1) | (1.4) | (1.8) | (2.0) | (2.2) | (2.4) |
| % Capacity Utiliz.                           | 105.0 | 112.5 | 119.7 | 128.0 | 136.7 | 146.2 | 151.2 | 156.5 | 162.0 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:30

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PAGE: 239

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF PALMER - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                        | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|----------------------------------------------|------|------|------|------|------|------|------|------|------|
| -----                                        |      |      |      |      |      |      |      |      |      |
| PROJECT-RELATED REQUIREMENTS                 |      |      |      |      |      |      |      |      |      |
| -----                                        |      |      |      |      |      |      |      |      |      |
| Direct Project                               | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| Total Project                                | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
|                                              |      |      |      |      |      |      |      |      |      |
| BASELINE                                     | 3.5  | 3.7  | 4.0  | 4.2  | 4.5  | 4.8  | 5.0  | 5.2  | 5.4  |
| -----                                        |      |      |      |      |      |      |      |      |      |
| TOTAL REQUIREMENTS                           | 3.5  | 3.8  | 4.0  | 4.3  | 4.6  | 4.9  | 5.1  | 5.3  | 5.4  |
| =====                                        |      |      |      |      |      |      |      |      |      |
|                                              |      |      |      |      |      |      |      |      |      |
| Direct Require. As %<br>Increase Over Basel. | .5   | .8   | .7   | .9   | 1.0  | 1.2  | 1.1  | 1.1  | 1.1  |
| Total Require. As %<br>Increase Over Basel.  | .5   | .8   | 1.0  | 1.1  | 1.3  | 1.6  | 1.5  | 1.3  | 1.2  |
|                                              |      |      |      |      |      |      |      |      |      |
| Capacity                                     | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 |
| Excess (Under) Cap.                          | 26.9 | 26.7 | 26.4 | 26.1 | 25.8 | 25.5 | 25.3 | 25.2 | 25.0 |
| % Capacity Utiliz.                           | 11.6 | 12.4 | 13.3 | 14.2 | 15.1 | 16.2 | 16.8 | 17.3 | 18.0 |

Source: Frank Orth & Associates, Inc.



FSER/RECREATV/RECREWAH/FSERKPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:34

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PAGE: 240

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF WASILLA - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                     | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS              |       |       |       |       |       |       |       |       |       |
| Direct Project                            | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                             | .0    | .0    | .0    | .0    | .0    | .1    | .1    | .0    | .0    |
| BASELINE                                  |       |       |       |       |       |       |       |       |       |
|                                           | 4.3   | 4.6   | 5.0   | 5.4   | 5.8   | 6.3   | 6.8   | 7.3   | 7.9   |
| TOTAL REQUIREMENTS                        |       |       |       |       |       |       |       |       |       |
|                                           | 4.3   | 4.6   | 5.0   | 5.4   | 5.9   | 6.4   | 6.9   | 7.4   | 8.0   |
| Direct Require. As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |
|                                           | .4    | .8    | .8    | .9    | 1.0   | 1.4   | 1.3   | 1.0   | .8    |
| Total Require. As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |
|                                           | .7    | .8    | 1.0   | 1.2   | 1.2   | 1.5   | 1.4   | 1.2   | 1.1   |
| Capacity                                  | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
| Excess (Under) Cap.                       | (3.3) | (3.6) | (4.0) | (4.4) | (4.9) | (5.4) | (5.9) | (6.4) | (7.0) |
| % Capacity Utiliz.                        | 433.0 | 468.0 | 506.0 | 548.0 | 590.0 | 640.0 | 690.0 | 743.0 | 801.0 |

Source: Frank Orth & Associates, Inc.

PSER/RECREATV/RECREWAM/PSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:39

USER = SUS

PAGE: 241

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF WASHILLA - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                        | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|----------------------------------------------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED REQUIREMENTS                 |      |      |      |      |      |      |      |      |      |
| Direct Project                               | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| Total Project                                | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| BASELINE                                     | 3.6  | 3.9  | 4.2  | 4.5  | 4.9  | 5.3  | 5.7  | 6.2  | 6.7  |
| TOTAL REQUIREMENTS                           | 3.6  | 3.9  | 4.2  | 4.5  | 5.0  | 5.4  | 5.8  | 6.2  | 6.7  |
| Direct Require. As %<br>Increase Over Basel. | .5   | .7   | .7   | 1.0  | 1.0  | 1.3  | 1.2  | 1.1  | .9   |
| Total Require. As %<br>Increase Over Basel.  | .5   | 1.0  | .9   | 1.3  | 1.2  | 1.6  | 1.5  | 1.2  | 1.0  |
| Capacity                                     | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 |
| Excess (Under) Cap.                          | 15.3 | 15.0 | 14.7 | 14.3 | 14.0 | 13.5 | 13.1 | 12.7 | 12.2 |
| % Capacity Utiliz.                           | 19.2 | 20.8 | 22.5 | 24.3 | 26.3 | 28.5 | 30.7 | 33.1 | 35.6 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/REGREWH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:43

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PAGE: 242

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF HOUSTON - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                        | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                                        |       |       |       |       |       |       |       |       |       |
| PROJECT-RELATED REQUIREMENTS                 | ----- |       |       |       |       |       |       |       |       |
| Direct Project                               | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                                | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| -----                                        |       |       |       |       |       |       |       |       |       |
| BASELINE                                     | .9    | 1.0   | 1.2   | 1.3   | 1.4   | 1.6   | 1.7   | 1.9   | 2.1   |
| -----                                        |       |       |       |       |       |       |       |       |       |
| TOTAL REQUIREMENTS                           | 1.0   | 1.1   | 1.2   | 1.3   | 1.5   | 1.6   | 1.8   | 2.0   | 2.2   |
| =====                                        |       |       |       |       |       |       |       |       |       |
| Direct Require. As %<br>Increase Over Basel. | 2.0   | 2.7   | 3.3   | 3.7   | 4.1   | 5.0   | 4.5   | 3.6   | 3.2   |
| Total Require. As %<br>Increase Over Basel.  | 3.0   | 3.6   | 3.3   | 4.5   | 4.8   | 5.6   | 5.1   | 4.1   | 3.7   |
| Capacity                                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Excess (Under) Cap.                          | (1.0) | (1.1) | (1.2) | (1.3) | (1.5) | (1.6) | (1.8) | (2.0) | (2.2) |
| % Capacity Utiliz.                           | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF HOUSTON - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                        | 1985  | 1986 | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|------------------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| -----                        |       |      |       |       |       |       |       |       |       |
| PROJECT-RELATED REQUIREMENTS | ----- |      |       |       |       |       |       |       |       |
| Direct Project               | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                | .0    | .0   | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| -----                        |       |      |       |       |       |       |       |       |       |
| BASELINE                     | .8    | .9   | 1.0   | 1.1   | 1.2   | 1.3   | 1.4   | 1.6   | 1.8   |
| -----                        |       |      |       |       |       |       |       |       |       |
| TOTAL REQUIREMENTS           | .8    | .9   | 1.0   | 1.1   | 1.2   | 1.4   | 1.5   | 1.7   | 1.8   |
| =====                        |       |      |       |       |       |       |       |       |       |
| Direct Require. As %         |       |      |       |       |       |       |       |       |       |
| Increase Over Basel.         | 2.3   | 3.2  | 2.9   | 3.5   | 4.0   | 5.1   | 4.7   | 3.6   | 3.3   |
| Total Require. As %          |       |      |       |       |       |       |       |       |       |
| Increase Over Basel.         | 2.3   | 3.2  | 3.9   | 4.4   | 4.8   | 5.8   | 4.7   | 4.2   | 3.8   |
| Capacity                     | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Excess (Under) Cap.          | (.8)  | (.9) | (1.0) | (1.1) | (1.2) | (1.4) | (1.5) | (1.7) | (1.8) |
| % Capacity Utiliz.           | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Source: Frank Orth & Associates, Inc.

FSEK/RECREATV/RECREWAH/FSEKRP4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:52

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PAGE: 244

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN MAT-SU BOROUGH COMMUNITIES - COMMUNITY PARKS  
 (IN ACRES)

| YEARS                                        | 1985  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|----------------------------------------------|-------|------|------|------|------|------|------|------|------|
| -----                                        |       |      |      |      |      |      |      |      |      |
| PROJECT-RELATED REQUIREMENTS                 | ----- |      |      |      |      |      |      |      |      |
| Direct Project                               | .2    | .3   | .4   | .6   | .7   | .9   | .9   | .9   | .8   |
| Total Project                                | .3    | .5   | .5   | .8   | .9   | 1.2  | 1.2  | 1.1  | 1.0  |
| -----                                        |       |      |      |      |      |      |      |      |      |
| BASELINE                                     | 53.6  | 57.6 | 60.9 | 64.2 | 68.6 | 73.8 | 77.1 | 82.6 | 86.8 |
| -----                                        |       |      |      |      |      |      |      |      |      |
| TOTAL REQUIREMENTS                           | 54.0  | 58.1 | 61.5 | 65.0 | 69.6 | 75.0 | 78.3 | 83.8 | 87.9 |
| =====                                        |       |      |      |      |      |      |      |      |      |
| Direct Require. As %<br>Increase Over Basel. | .4    | .6   | .7   | .9   | 1.0  | 1.3  | 1.2  | 1.1  | .9   |
| Total Require. As %<br>Increase Over Basel.  | .6    | .8   | .9   | 1.2  | 1.3  | 1.6  | 1.5  | 1.3  | 1.2  |
| Capacity                                     | 96.5  | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| Excess (Under) Cap.                          | 42.4  | 38.3 | 34.9 | 31.4 | 26.9 | 21.4 | 18.1 | 12.6 | 8.5  |
| % Capacity Utiliz.                           | 55.9  | 60.2 | 63.7 | 67.4 | 72.1 | 77.7 | 81.2 | 86.8 | 91.1 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:08:56

USER = SUS

PAGE: 245

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN CANTWELL - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                        | 1985        | 1986        | 1987        | 1988        | 1989        | 1990        | 1991        | 1992        | 1993        |
|----------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PROJECT-RELATED REQUIREMENTS                 |             |             |             |             |             |             |             |             |             |
| Direct Project                               | .0          | .1          | .0          | .1          | .1          | .1          | .1          | .1          | .1          |
| Total Project                                | .0          | .1          | .1          | .1          | .1          | .2          | .1          | .1          | .1          |
| BASELINE                                     | .3          | .3          | .3          | .3          | .3          | .3          | .3          | .3          | .3          |
| TOTAL REQUIREMENTS                           | .4          | .4          | .4          | .4          | .4          | .5          | .5          | .5          | .5          |
| Direct Require. As %<br>Increase Over Basel. | 21.8        | 33.3        | 24.2        | 32.3        | 35.2        | 50.0        | 45.7        | 42.8        | 40.0        |
| Total Require. As %<br>Increase Over Basel.  | 28.1        | 39.3        | 30.3        | 35.2        | 41.1        | 58.8        | 54.2        | 51.4        | 45.7        |
| Capacity                                     | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Excess (Under) Cap.<br>% Capacity Utiliz.    | (.4)<br>0.0 | (.4)<br>0.0 | (.4)<br>0.0 | (.4)<br>0.0 | (.4)<br>0.0 | (.5)<br>0.0 | (.5)<br>0.0 | (.5)<br>0.0 | (.5)<br>0.0 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREAH/FS-RAPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:00

USER = SUS

PAGE: 246

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN CANTWELL - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                        | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|----------------------------------------------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED REQUIREMENTS                 |      |      |      |      |      |      |      |      |      |
| Direct Project                               | .0   | .1   | .0   | .0   | .1   | .1   | .1   | .1   | .1   |
| Total Project                                | .0   | .1   | .0   | .1   | .1   | .1   | .1   | .1   | .1   |
| BASELINE                                     | .2   | .2   | .2   | .2   | .2   | .2   | .2   | .3   | .3   |
| TOTAL REQUIREMENTS                           | .3   | .3   | .3   | .3   | .4   | .4   | .4   | .4   | .4   |
| =====                                        |      |      |      |      |      |      |      |      |      |
| Direct Require. As %<br>Increase Over Basel. | 22.2 | 35.7 | 25.0 | 32.1 | 34.4 | 48.2 | 48.2 | 43.3 | 40.0 |
| Total Require. As %<br>Increase Over Basel.  | 25.9 | 39.2 | 28.5 | 39.2 | 41.3 | 58.6 | 55.1 | 50.0 | 46.6 |
| Capacity                                     | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Excess (Under) Cap.                          | (.3) | (.3) | (.3) | (.3) | (.4) | (.4) | (.4) | (.4) | (.4) |
| % Capacity Utiliz.                           | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECKFDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:08

USER = SUS PAGE: 247

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF PALMER - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                        | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                               | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                                | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| BASELINE                                     | 6.6   | 6.8   | 7.1   | 7.3   | 7.6   | 7.9   | 8.1   | 8.4   | 8.7   | 9.1   | 9.4   | 9.7   |
| TOTAL REQUIREMENTS                           | 6.7   | 6.9   | 7.1   | 7.4   | 7.7   | 7.9   | 8.2   | 8.5   | 8.8   | 9.1   | 9.5   | 9.8   |
| Direct Require. As %<br>Increase Over Basel. | .9    | .8    | .8    | .9    | .9    | .8    | .8    | .7    | .6    | .6    | .6    | .6    |
| Total Require. As %<br>Increase Over Basel.  | 1.2   | 1.1   | 1.1   | 1.0   | 1.0   | 1.0   | .9    | .9    | .8    | .7    | .7    | .7    |
| Capacity                                     | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   |
| Excess (Under) Cap.                          | (2.7) | (2.9) | (3.1) | (3.4) | (3.7) | (3.9) | (4.2) | (4.5) | (4.8) | (5.1) | (5.5) | (5.8) |
| % Capacity Utiliz.                           | 167.7 | 173.7 | 179.7 | 186.2 | 193.0 | 199.7 | 206.7 | 214.2 | 221.5 | 229.5 | 237.5 | 246.2 |

Source: Frank Orth & Associates, Inc.



FSER/RECREATV/RECREDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:12

USER = SUS

PAGE: 248

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF PALMER - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                       | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED REQUIREMENTS                |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Project                              | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| Total Project                               | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| BASELINE                                    |      |      |      |      |      |      |      |      |      |      |      |      |
|                                             | 5.6  | 5.8  | 6.0  | 6.2  | 6.4  | 6.6  | 6.9  | 7.1  | 7.4  | 7.7  | 7.9  | 8.2  |
| TOTAL REQUIREMENTS                          |      |      |      |      |      |      |      |      |      |      |      |      |
|                                             | 5.6  | 5.8  | 6.0  | 6.2  | 6.5  | 6.7  | 7.0  | 7.2  | 7.5  | 7.7  | 8.0  | 8.3  |
| Direct Require. As % Increase Over Baseline |      |      |      |      |      |      |      |      |      |      |      |      |
|                                             | .8   | .8   | .8   | .9   | .9   | .9   | .8   | .7   | .6   | .6   | .6   | .6   |
| Total Require. As % Increase Over Baseline  |      |      |      |      |      |      |      |      |      |      |      |      |
|                                             | 1.2  | 1.2  | 1.1  | 1.1  | 1.0  | 1.0  | 1.0  | .9   | .8   | .7   | .7   | .7   |
| Capacity                                    | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 |
| Excess (Under) Cap.                         | 24.8 | 24.6 | 24.4 | 24.1 | 23.9 | 23.7 | 23.5 | 23.2 | 23.0 | 22.7 | 22.4 | 22.1 |
| % Capacity Utiliz.                          | 18.6 | 19.2 | 19.9 | 20.6 | 21.4 | 22.1 | 22.9 | 23.7 | 24.5 | 25.4 | 26.3 | 27.3 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:17

USER = SUS

PAGE: 249

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF WASILLA - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                        | 1994  | 1995  | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|----------------------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |       |       |        |        |        |        |        |        |        |        |        |        |
| Direct Project                               | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     |
| Total Project                                | .0    | .0    | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     | .0     |
| -----                                        |       |       |        |        |        |        |        |        |        |        |        |        |
| BASELINE                                     | 8.5   | 9.2   | 9.9    | 10.7   | 11.6   | 12.5   | 13.5   | 14.5   | 15.7   | 17.0   | 18.3   | 19.8   |
| -----                                        |       |       |        |        |        |        |        |        |        |        |        |        |
| TOTAL REQUIREMENTS                           | 8.6   | 9.3   | 10.0   | 10.8   | 11.6   | 12.6   | 13.6   | 14.6   | 15.8   | 17.0   | 18.4   | 19.9   |
| =====                                        |       |       |        |        |        |        |        |        |        |        |        |        |
| Direct Require. As %<br>Increase Over Basel. | .8    | .7    | .7     | .6     | .6     | .5     | .5     | .4     | .4     | .4     | .3     | .3     |
| Total Require. As %<br>Increase Over Basel.  | 1.0   | .9    | .9     | .8     | .7     | .7     | .6     | .6     | .5     | .4     | .4     | .4     |
| Capacity                                     | 1.0   | 1.0   | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| Excess (Under) Cap.                          | (7.6) | (8.3) | (9.0)  | (9.8)  | (10.6) | (11.6) | (12.6) | (13.6) | (14.8) | (16.0) | (17.4) | (18.9) |
| % Capacity Utiliz.                           | 863.0 | 931.0 | 1005.0 | 1083.0 | 1169.0 | 1261.0 | 1361.0 | 1468.0 | 1584.0 | 1709.0 | 1844.0 | 1990.0 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:22

USER = SUS PAGE: 250

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF WASILLA - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                        | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED REQUIREMENTS                 |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Project                               | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| Total Project                                | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   | .0   |
| BASELINE                                     | 7.2  | 7.8  | 8.4  | 9.0  | 9.8  | 10.5 | 11.4 | 12.3 | 13.3 | 14.3 | 15.5 | 16.7 |
| TOTAL REQUIREMENTS                           | 7.3  | 7.8  | 8.4  | 9.1  | 9.8  | 10.6 | 11.5 | 12.4 | 13.4 | 14.4 | 15.6 | 16.8 |
| Direct Require. As %<br>Increase Over Basel. | .8   | .7   | .7   | .6   | .6   | .5   | .5   | .4   | .4   | .4   | .3   | .3   |
| Total Require. As %<br>Increase Over Basel.  | .9   | .9   | .8   | .8   | .8   | .7   | .7   | .5   | .5   | .4   | .4   | .4   |
| Capacity                                     | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 |
| Excess (Under) Cap.                          | 11.7 | 11.1 | 10.5 | 9.8  | 9.1  | 8.3  | 7.4  | 6.5  | 5.6  | 4.5  | 3.4  | 2.1  |
| % Capacity Utiliz.                           | 38.4 | 41.4 | 44.6 | 48.2 | 52.0 | 56.1 | 60.6 | 65.3 | 70.5 | 76.1 | 82.1 | 88.6 |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:27

USER = SUS PAGE: 251

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF HOUSTON - PLAYGROUNDS  
 (IN ACRES)

| YEARS                                     | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS              |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                            | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| BASELINE                                  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 2.3   | 2.5   | 2.8   | 3.1   | 3.4   | 3.8   | 4.1   | 4.6   | 5.0   | 5.5   | 6.1   | 6.7   |
| TOTAL REQUIREMENTS                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 2.4   | 2.6   | 2.9   | 3.2   | 3.5   | 3.8   | 4.2   | 4.6   | 5.1   | 5.6   | 6.2   | 6.8   |
| Direct Require. As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 2.9   | 2.7   | 2.4   | 2.2   | 2.0   | 1.8   | 1.6   | 1.5   | 1.3   | 1.2   | 1.1   | 1.0   |
| Total Require. As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 2.9   | 2.7   | 2.4   | 2.5   | 2.3   | 2.1   | 1.9   | 1.5   | 1.3   | 1.2   | 1.1   | 1.0   |
| Capacity                                  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Excess (Under) Cap.                       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | (2.4) | (2.6) | (2.9) | (3.2) | (3.5) | (3.8) | (4.2) | (4.6) | (5.1) | (5.6) | (6.2) | (6.8) |
| % Capacity Utiliz.                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Source: Frank Orth & Associates, Inc.

FSEI/RECREATV/RECREDCH/FSEIRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:33

USER = SUS PAGE: 252

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN THE CITY OF HOUSTON - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                     | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROJECT-RELATED REQUIREMENTS              |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Project                            | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| Total Project                             | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    | .0    |
| BASELINE                                  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 1.9   | 2.1   | 2.4   | 2.6   | 2.9   | 3.2   | 3.5   | 3.9   | 4.2   | 4.7   | 5.2   | 5.7   |
| TOTAL REQUIREMENTS                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 2.0   | 2.2   | 2.4   | 2.7   | 2.9   | 3.2   | 3.6   | 3.9   | 4.3   | 4.7   | 5.2   | 5.7   |
| Direct Require. As % Increase Over Basel. |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 3.0   | 2.7   | 2.4   | 2.2   | 2.0   | 1.8   | 1.6   | 1.5   | 1.4   | 1.2   | 1.1   | 1.0   |
| Total Require. As % Increase Over Basel.  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 3.0   | 2.7   | 2.4   | 2.6   | 2.4   | 2.1   | 1.9   | 1.5   | 1.4   | 1.2   | 1.1   | 1.0   |
| Capacity                                  |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Excess (Under) Cap.                       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | (2.0) | (2.2) | (2.4) | (2.7) | (2.9) | (3.2) | (3.6) | (3.9) | (4.3) | (4.7) | (5.2) | (5.7) |
| % Capacity Utiliz.                        |       |       |       |       |       |       |       |       |       |       |       |       |
|                                           | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREOCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:37

USER = SUS PAGE: 253

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN MAT-SU BOROUGH COMMUNITIES - COMMUNITY PARKS  
 (IN ACRES)

| YEARS                                        | 1994 | 1995 | 1996  | 1997  | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|----------------------------------------------|------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROJECT-RELATED REQUIREMENTS                 |      |      |       |       |        |        |        |        |        |        |        |        |
| Direct Project                               | .8   | .7   | .8    | .8    | .8     | .8     | .8     | .8     | .7     | .7     | .7     | .7     |
| Total Project                                | 1.0  | 1.0  | 1.0   | 1.0   | 1.1    | 1.1    | 1.1    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| -----                                        |      |      |       |       |        |        |        |        |        |        |        |        |
| BASELINE                                     | 90.8 | 94.4 | 98.6  | 103.0 | 107.4  | 112.0  | 116.8  | 121.8  | 126.9  | 132.4  | 138.2  | 144.3  |
| -----                                        |      |      |       |       |        |        |        |        |        |        |        |        |
| TOTAL REQUIREMENTS                           | 91.8 | 95.4 | 99.6  | 104.1 | 108.5  | 113.1  | 117.9  | 122.8  | 128.0  | 133.4  | 139.2  | 145.3  |
| =====                                        |      |      |       |       |        |        |        |        |        |        |        |        |
| Direct Require. As %<br>Increase Over Basel. | .8   | .8   | .8    | .8    | .7     | .7     | .7     | .6     | .6     | .5     | .5     | .5     |
| Total Require. As %<br>Increase Over Basel.  | 1.1  | 1.0  | 1.0   | 1.0   | 1.0    | 1.0    | .9     | .8     | .8     | .7     | .7     | .7     |
| Capacity                                     | 96.5 | 96.5 | 96.5  | 96.5  | 96.5   | 96.5   | 96.5   | 96.5   | 96.5   | 96.5   | 96.5   | 96.5   |
| Excess (Under) Cap.                          | 4.6  | 1.0  | (3.1) | (7.6) | (12.0) | (16.6) | (21.4) | (26.3) | (31.5) | (36.9) | (42.7) | (48.8) |
| % Capacity Utiliz.                           | 95.2 | 98.9 | 103.2 | 107.9 | 112.5  | 117.2  | 122.2  | 127.3  | 132.6  | 138.3  | 144.3  | 150.6  |

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREDCN/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:07:42

USER = SUS

PAGE: 254

IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN CANTWELL - PLAYGROUNDS  
 (IN ACRES)

| YEARS                        | 1994  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT-RELATED REQUIREMENTS | ----- |      |      |      |      |      |      |      |      |      |      |      |
| Direct Project               | .1    | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   |
| Total Project                | .1    | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| BASELINE                     | .3    | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .4   | .4   | .4   |
| -----                        |       |      |      |      |      |      |      |      |      |      |      |      |
| TOTAL REQUIREMENTS           | .5    | .5   | .5   | .5   | .5   | .5   | .5   | .5   | .5   | .5   | .5   | .5   |
| =====                        |       |      |      |      |      |      |      |      |      |      |      |      |
| Direct Require. As %         |       |      |      |      |      |      |      |      |      |      |      |      |
| Increase Over Basel.         | 38.8  | 36.1 | 37.8 | 37.8 | 37.8 | 36.8 | 35.9 | 35.9 | 33.3 | 32.5 | 31.7 | 31.7 |
| Total Require. As %          |       |      |      |      |      |      |      |      |      |      |      |      |
| Increase Over Basel.         | 44.4  | 41.6 | 43.2 | 43.2 | 45.9 | 44.7 | 41.0 | 41.0 | 38.4 | 37.5 | 36.5 | 36.5 |
| Capacity                     | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Excess (Under) Cap.          | (.5)  | (.5) | (.5) | (.5) | (.5) | (.5) | (.5) | (.5) | (.5) | (.5) | (.5) | (.5) |
| % Capacity Utiliz.           | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

Source: Frank Orth & Associates, Inc.

FSEI/RECREATV/RECREDCI/FSEIAPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:09:47

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IMPACT OF THE PROJECT ON RECREATION FACILITIES  
 IN CANTWELL - NEIGHBORHOOD PARKS  
 (IN ACRES)

| YEARS                                        | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT-RELATED REQUIREMENTS                 |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Project                               | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   |
| Total Project                                | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   | .1   |
| BASELINE                                     |      |      |      |      |      |      |      |      |      |      |      |      |
|                                              | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .3   | .3   |
| TOTAL REQUIREMENTS                           |      |      |      |      |      |      |      |      |      |      |      |      |
|                                              | .4   | .4   | .4   | .4   | .4   | .4   | .4   | .4   | .4   | .4   | .4   | .4   |
| Direct Require. As %<br>Increase Over Basel. | 40.0 | 35.4 | 38.7 | 38.7 | 37.5 | 37.5 | 36.3 | 36.3 | 33.3 | 32.3 | 32.3 | 31.4 |
| Total Require. As %<br>Increase Over Basel.  | 43.3 | 41.9 | 41.9 | 45.1 | 43.7 | 43.7 | 42.4 | 39.3 | 39.3 | 38.2 | 38.2 | 37.1 |
| Capacity                                     | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Excess (Under) Cap.                          | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) | (.4) |
| % Capacity Utiliz.                           | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

Source: Frank Orth & Associates, Inc.



FSER/HOSPITV/HOSPIWAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:10:00

USER = SUS

PAGE: 256

IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS  
 IN THE MATANUSKA-SUSITNA BOROUGH  
 (IN NUMBERS OF BEDS)

| YEARS                                        | 1985   | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|----------------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED REQUIREMENTS                 |        |         |         |         |         |         |         |         |         |
| Direct Project                               | 1.23   | 1.60    | 2.97    | 4.01    | 4.57    | 5.63    | 5.50    | 4.65    | 3.08    |
| Total Project                                | 1.28   | 1.68    | 3.06    | 4.15    | 4.73    | 5.84    | 5.71    | 4.85    | 3.28    |
| BASELINE                                     | 36.85  | 40.55   | 43.95   | 47.43   | 51.80   | 56.92   | 60.81   | 66.46   | 71.24   |
| TOTAL REQUIREMENTS                           | 36.13  | 42.23   | 47.01   | 51.58   | 56.54   | 62.77   | 66.51   | 71.31   | 74.52   |
| Direct Require. As %<br>Increase Over Basel. |        |         |         |         |         |         |         |         |         |
|                                              | 3.35   | 3.95    | 6.77    | 8.45    | 8.82    | 9.89    | 9.04    | 7.00    | 4.33    |
| Total Require. As %<br>Increase Over Basel.  |        |         |         |         |         |         |         |         |         |
|                                              | 3.48   | 4.13    | 6.97    | 8.75    | 9.13    | 10.26   | 9.39    | 7.30    | 4.60    |
| 1981 Capacity                                | 30     | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      |
| Excess (Under) Cap.                          | -8.132 | -12.226 | -17.014 | -21.580 | -26.536 | -32.767 | -36.513 | -41.310 | -44.519 |
| % Capacity Utiliz.                           | 127.11 | 140.75  | 156.71  | 171.93  | 188.45  | 209.22  | 221.71  | 237.70  | 248.40  |

Source: Frank Orth & Associates, Inc.

FSER/HOSPITY/HOSPIMAH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:10:05

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PAGE: 257

IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS  
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)  
 (IN NUMBERS OF BEDS)

| YEARS                                        | 1985   | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    |
|----------------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| PROJECT-RELATED REQUIREMENTS                 |        |         |         |         |         |         |         |         |         |
| Direct Project                               | .20    | .31     | .37     | .51     | .61     | .84     | .84     | .82     | .77     |
| Total Project                                | .25    | .39     | .46     | .65     | .77     | 1.05    | 1.05    | 1.01    | .96     |
| BASELINE                                     | 36.85  | 40.55   | 43.95   | 47.43   | 51.80   | 56.92   | 60.81   | 66.46   | 71.24   |
| TOTAL REQUIREMENTS                           | 37.10  | 40.94   | 44.41   | 48.08   | 52.58   | 57.97   | 61.86   | 67.47   | 72.21   |
| =====                                        |        |         |         |         |         |         |         |         |         |
| Direct Require. As %<br>Increase Over Basel. | .55    | .77     | .85     | 1.08    | 1.17    | 1.47    | 1.39    | 1.23    | 1.08    |
| Total Require. As %<br>Increase Over Basel.  | .69    | .96     | 1.05    | 1.37    | 1.49    | 1.84    | 1.73    | 1.53    | 1.35    |
| 1981 Capacity                                | 30     | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      |
| Excess (Under) Cap.                          | -7.103 | -10.939 | -14.414 | -18.081 | -22.577 | -27.972 | -31.858 | -37.475 | -42.206 |
| % Capacity Utiliz.                           | 123.68 | 136.46  | 148.05  | 160.27  | 175.26  | 193.24  | 206.19  | 224.92  | 240.69  |

Source: Frank Orth & Associates, Inc.

FSEK/HOSPITV/HOSP10CH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:10:13

PAGE: 258  
 USER = SUS

IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS  
 IN THE MATANUSKA-SUSITNA BOROUGH  
 (IN NUMBERS OF BEDS)

| YEARS                                        | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003     | 2004     | 2005     |
|----------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| PROJECT-RELATED REQUIREMENTS                 |         |         |         |         |         |         |         |         |         |          |          |          |
| Direct Project                               | 2.64    | 2.17    | 2.75    | 3.63    | 4.32    | 4.56    | 4.38    | 3.43    | 1.76    | 1.69     | 1.72     | 1.75     |
| Total Project                                | 2.84    | 2.37    | 2.97    | 3.86    | 4.56    | 4.79    | 4.62    | 3.67    | 2.19    | 1.91     | 1.95     | 1.99     |
| BASELINE                                     | 75.91   | 80.42   | 85.45   | 90.89   | 96.37   | 102.13  | 108.22  | 114.56  | 121.25  | 128.36   | 135.84   | 143.76   |
| TOTAL REQUIREMENTS                           | 78.75   | 82.79   | 88.42   | 94.73   | 100.93  | 106.93  | 112.84  | 118.23  | 123.44  | 130.28   | 137.79   | 145.74   |
| Direct Require. As %<br>Increase Over Basel. | 3.47    | 2.70    | 3.23    | 4.00    | 4.49    | 4.46    | 4.05    | 2.99    | 1.62    | 1.31     | 1.27     | 1.22     |
| Total Require. As %<br>Increase Over Basel.  | 3.74    | 2.95    | 3.48    | 4.24    | 4.73    | 4.69    | 4.27    | 3.20    | 1.81    | 1.49     | 1.44     | 1.38     |
| 1981 Capacity                                | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30       | 30       | 30       |
| Excess (Under) Cap.                          | -48.751 | -52.789 | -58.419 | -64.735 | -70.931 | -76.925 | -82.841 | -88.231 | -93.436 | -100.276 | -107.791 | -115.745 |
| % Capacity Utiliz.                           | 262.50  | 275.96  | 294.73  | 315.78  | 336.44  | 356.42  | 376.14  | 394.10  | 411.45  | 434.25   | 459.30   | 485.82   |

Source: Frank Orth & Associates, Inc.

FSEK/HOSPITV/HOSPIDCH/FSEKRP14  
 Alternate 01 of 01  
 05/04/84 AT 15:10:12

PAGE: 259  
 USER = SUS

IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS  
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)  
 (IN NUMBERS OF BEDS)

| YEARS                                        | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004     | 2005     |
|----------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| PROJECT-RELATED REQUIREMENTS                 |         |         |         |         |         |         |         |         |         |         |          |          |
| Direct Project                               | .76     | .76     | .80     | .84     | .88     | .90     | .92     | .99     | .87     | .88     | .90      | .91      |
| Total Project                                | .97     | .97     | 1.01    | 1.07    | 1.11    | 1.14    | 1.16    | 1.13    | 1.11    | 1.11    | 1.14     | 1.16     |
| BASELINE                                     | 75.91   | 80.42   | 85.45   | 90.88   | 96.37   | 102.13  | 108.22  | 114.56  | 121.25  | 128.36  | 135.84   | 143.76   |
| TOTAL REQUIREMENTS                           | 76.88   | 81.38   | 86.46   | 91.95   | 97.49   | 103.28  | 109.38  | 115.69  | 122.36  | 129.48  | 136.98   | 144.91   |
| Direct Require. As %<br>Increase Over Basel. | 1.00    | .95     | .93     | .93     | .91     | .88     | .85     | .77     | .72     | .69     | .66      | .64      |
| Total Require. As %<br>Increase Over Basel.  | 1.28    | 1.20    | 1.19    | 1.18    | 1.16    | 1.12    | 1.07    | .99     | .92     | .87     | .84      | .80      |
| 1981 Capacity                                | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30      | 30       | 30       |
| Excess (Under) Cap.                          | -46.876 | -51.384 | -56.460 | -61.952 | -67.498 | -73.276 | -79.376 | -85.695 | -92.358 | -99.477 | -106.978 | -114.914 |
| % Capacity Utiliz.                           | 256.25  | 271.28  | 288.20  | 306.51  | 324.96  | 344.25  | 364.59  | 385.65  | 407.86  | 431.59  | 456.59   | 483.05   |

Source: Frank Orth & Associates, Inc.

FSEB/FISB2H0V/FISCWAH/FSEBRRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:10:33

USER = SUS

PAGE: 260

IMPACTS ON BUDGETS

City of Houston Budget Projections\*

| YEARS               | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|---------------------|------|------|------|------|------|------|------|------|------|
| <hr/>               |      |      |      |      |      |      |      |      |      |
| REVENUES            |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 9    | 12   | 15   | 19   | 21   | 29   | 28   | 26   | 25   |
| Project Total       | 9    | 12   | 15   | 21   | 23   | 31   | 31   | 29   | 28   |
| BASELINE PROJECTION | 307  | 336  | 370  | 407  | 447  | 493  | 541  | 596  | 655  |
| TOTAL REVENUES      | 316  | 349  | 386  | 428  | 471  | 525  | 572  | 624  | 683  |
| EXPENDITURES        |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 8    | 9    | 13   | 17   | 18   | 25   | 24   | 22   | 22   |
| Project Total       | 8    | 11   | 14   | 19   | 21   | 27   | 27   | 25   | 24   |
| BASELINE PROJECTION | 263  | 290  | 319  | 351  | 385  | 425  | 466  | 513  | 564  |
| TOTAL EXPENDITURES  | 271  | 302  | 333  | 369  | 406  | 452  | 494  | 538  | 589  |
| Baseline Deficits   | -44  | -46  | -51  | -56  | -62  | -68  | -75  | -83  | -91  |
| Total Deficits      | -45  | -47  | -53  | -59  | -65  | -73  | -78  | -86  | -94  |

Sums may not equal totals due to independent rounding.

\* Solid waste expenditures during 1983 reflect the building of the sanitary and septage systems. Expenditures after 1983 decrease significantly because they include only charges for operation and maintenance.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 City of Houston Budget Projections\*

| YEARS               | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>REVENUES</b>     |      |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 24   | 24   | 24   | 24   | 24   |
| Project Total       | 26   | 26   | 26   | 28   | 28   | 28   | 28   | 26   | 26   | 26   | 26   | 26   |
| BASELINE PROJECTION | 722  | 794  | 873  | 960  | 1055 | 1162 | 1276 | 1405 | 1545 | 1700 | 1870 | 2056 |
| TOTAL REVENUES      | 747  | 820  | 899  | 988  | 1083 | 1190 | 1305 | 1431 | 1571 | 1725 | 1896 | 2083 |
| <b>EXPENDITURES</b> |      |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 21   | 21   | 21   | 22   | 22   | 22   | 22   | 21   | 21   | 21   | 21   | 21   |
| Project Total       | 22   | 22   | 22   | 24   | 24   | 24   | 24   | 22   | 22   | 22   | 22   | 22   |
| BASELINE PROJECTION | 621  | 684  | 751  | 826  | 909  | 1000 | 1100 | 1210 | 1331 | 1464 | 1610 | 1772 |
| TOTAL EXPENDITURES  | 644  | 705  | 774  | 849  | 934  | 1025 | 1124 | 1232 | 1353 | 1486 | 1632 | 1794 |
| Baseline Deficits   | -101 | -110 | -122 | -134 | -146 | -162 | -176 | -195 | -214 | -236 | -260 | -284 |
| Total Deficits      | -103 | -115 | -125 | -139 | -149 | -165 | -181 | -199 | -218 | -239 | -264 | -289 |

Sums may not equal totals due to independent rounding.

\* Solid waste expenditures during 1983 reflect the building of the sanitary and septage systems. Expenditures after 1983 decrease significantly because they include only charges for operation and maintenance.

Source: Frank Orth & Associates, Inc., 1983.

FSER/FISB2PAV/FISCWAH/FSERRPT4  
Alternate 01 of 01  
05/04/84 AT 15:11:03

USER = SUS

PAGE: 262

IMPACTS ON BUDGETS

City of Palmer Budget Projections\*

| YEARS              | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------|------|------|------|------|------|------|------|------|------|
| REVENUES           |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED    |      |      |      |      |      |      |      |      |      |
| Direct Portion     | 28   | 44   | 51   | 71   | 87   | 116  | 118  | 117  | 113  |
| Project Total      | 30   | 52   | 58   | 79   | 104  | 136  | 141  | 136  | 131  |
| BASLINE PROJECTION | 4684 | 5153 | 5673 | 6249 | 6886 | 7588 | 8134 | 8721 | 9352 |
| TOTAL REVENUES     | 4716 | 5207 | 5733 | 6328 | 6985 | 7722 | 8273 | 8854 | 9485 |
| EXPENDITURES       |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED    |      |      |      |      |      |      |      |      |      |
| Direct Portion     | 26   | 42   | 48   | 66   | 81   | 109  | 111  | 109  | 102  |
| Project Total      | 31   | 50   | 60   | 76   | 96   | 128  | 130  | 124  | 121  |
| BASLINE PROJECTION | 4506 | 4929 | 5396 | 5911 | 6477 | 7104 | 7572 | 8075 | 8613 |
| TOTAL EXPENDITURES | 4533 | 4980 | 5454 | 5985 | 6573 | 7228 | 7702 | 8193 | 8734 |
| Baseline Deficits  | -178 | -224 | -277 | -338 | -409 | -484 | -562 | -646 | -739 |
| Total Deficits     | -183 | -227 | -279 | -343 | -412 | -494 | -571 | -655 | -751 |

Sums may not equal totals due to independent rounding.

\* Budgets include expenditures and revenues from the water and sewer funds.

Source: Frank Orth & Associates, Inc., 1983.

FSER/FISB2PAV/FISCDCH/FSERRPT4  
 Alternate 01 of 01  
 05/04/84 AT 15:11:16

PAGE: 263  
 USER = SUS

# IMPACTS ON BUDGETS

## City of Palmer Budget Projections\*

| YEARS               | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES            |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 113   | 115   | 119   | 132   | 136   | 140   | 148   | 146   | 148   | 153   | 161   | 165   |
| Project Total       | 134   | 141   | 146   | 159   | 164   | 173   | 179   | 176   | 181   | 190   | 198   | 204   |
| BASELINE PROJECTION | 10037 | 10777 | 11573 | 12434 | 13364 | 14370 | 15457 | 16633 | 17907 | 19283 | 20772 | 22389 |
| TOTAL REVENUES      | 10174 | 10919 | 11717 | 12593 | 13530 | 14540 | 15635 | 16810 | 18090 | 19472 | 20971 | 22593 |
| EXPENDITURES        |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 101   | 104   | 108   | 116   | 120   | 123   | 128   | 127   | 129   | 133   | 139   | 143   |
| Project Total       | 125   | 130   | 132   | 143   | 147   | 152   | 158   | 156   | 160   | 165   | 171   | 177   |
| BASELINE PROJECTION | 9195  | 9819  | 10487 | 11209 | 11982 | 12815 | 13711 | 14676 | 15715 | 16835 | 18040 | 19337 |
| TOTAL EXPENDITURES  | 9319  | 9946  | 10619 | 11351 | 12130 | 12966 | 13868 | 14831 | 15876 | 16999 | 18210 | 19515 |
| Baseline Deficits   | -842  | -958  | -1086 | -1225 | -1382 | -1555 | -1746 | -1957 | -2192 | -2448 | -2732 | -3052 |
| Total Deficits      | -855  | -973  | -1098 | -1242 | -1400 | -1574 | -1767 | -1979 | -2214 | -2473 | -2761 | -3078 |

Sums may not equal totals due to independent rounding.

\* Budgets include expenditures and revenues from the water and sewer funds.

Source: Frank Orth & Associates, Inc., 1983.



FSER/FISB2TKV/FISCWAH/FSERRPT+  
Alternate 01 of 01  
05/04/84 AT 15:11:32

USER = SUS

PAGE: 264

IMPACTS ON BUDGETS

Mat-Su Borough Revenue Collections on Behalf of Talkeetna

| YEARS                    | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------------|------|------|------|------|------|------|------|------|------|
| -----                    |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED REVENUES |      |      |      |      |      |      |      |      |      |
| Direct Portion           | 62   | 97   | 115  | 142  | 178  | 230  | 231  | 214  | 196  |
| Project Total            | 77   | 113  | 130  | 173  | 216  | 268  | 269  | 252  | 234  |
| BASELINE PROJECTION      | 892  | 941  | 989  | 1039 | 1091 | 1143 | 1207 | 1268 | 1330 |
| TOTAL REVENUES           | 969  | 1053 | 1119 | 1212 | 1307 | 1411 | 1475 | 1519 | 1564 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

FSER/FISB2TKV/FISCDCH/FSERRPT4  
Alternate 01 of 01  
05/04/84 AT 15:11:43

PAGE: 265  
USER = SUS

IMPACTS ON BUDGETS

Mat-Su Borough Revenue Collections on Behalf of Talkeetna

| YEARS                    | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PROJECT RELATED REVENUES |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion           | 189  | 189  | 190  | 197  | 197  | 197  | 197  | 190  | 180  | 180  | 180  | 180  |
| Project Total            | 226  | 219  | 227  | 235  | 235  | 235  | 235  | 227  | 210  | 208  | 208  | 208  |
| BASELINE PROJECTION      | 1398 | 1468 | 1548 | 1624 | 1707 | 1791 | 1882 | 1976 | 2074 | 2177 | 2285 | 2402 |
| TOTAL REVENUES           | 1624 | 1687 | 1775 | 1859 | 1943 | 2025 | 2116 | 2203 | 2283 | 2384 | 2492 | 2609 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

FSEB/FISB2WAV/FISCWAH/FSEBRRPT\*  
 Alternate 01 of 01  
 05/04/84 AT 15:11:56

USER = SUS

PAGE: 266

# IMPACTS ON BUDGETS

## City of Wasilla Budget Projections\*

| YEARS               | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|---------------------|------|------|------|------|------|------|------|------|------|
| <hr/>               |      |      |      |      |      |      |      |      |      |
| REVENUES            |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 8    | 13   | 14   | 20   | 22   | 32   | 32   | 30   | 27   |
| Project Total       | 8    | 15   | 16   | 22   | 26   | 35   | 35   | 32   | 31   |
| BASELINE PROJECTION | 1347 | 1461 | 1586 | 1722 | 1872 | 2035 | 2210 | 2404 | 2614 |
| TOTAL REVENUES      | 1355 | 1476 | 1603 | 1745 | 1899 | 2070 | 2249 | 2437 | 2645 |
| EXPENDITURES        |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 8    | 12   | 12   | 17   | 20   | 28   | 29   | 27   | 26   |
| Project Total       | 9    | 15   | 15   | 20   | 25   | 33   | 33   | 31   | 29   |
| BASELINE PROJECTION | 1213 | 1319 | 1435 | 1562 | 1697 | 1847 | 2010 | 2187 | 2380 |
| TOTAL EXPENDITURES  | 1222 | 1334 | 1450 | 1581 | 1721 | 1881 | 2044 | 2218 | 2409 |
| Baseline Deficits   | -134 | -142 | -151 | -160 | -175 | -188 | -200 | -217 | -234 |
| Total Deficits      | -133 | -142 | -153 | -164 | -178 | -189 | -205 | -219 | -236 |

Sums may not equal totals due to independent rounding.

\* Projections of revenues and expenditures include fire service area funds that are related to the city portion of the fire service area.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 City of Wasilla Budget Projections\*

| YEARS               | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| REVENUES            |      |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 26   | 26   | 26   | 28   | 28   | 29   | 29   | 28   | 29   | 27   | 27   | 28   |
| Project Total       | 31   | 31   | 33   | 34   | 35   | 35   | 35   | 34   | 34   | 33   | 34   | 35   |
| BASELINE PROJECTION | 2843 | 3093 | 3367 | 3665 | 3990 | 4347 | 4738 | 5164 | 5630 | 6141 | 6698 | 7310 |
| TOTAL REVENUES      | 2874 | 3125 | 3400 | 3698 | 4025 | 4383 | 4773 | 5199 | 5666 | 6175 | 6732 | 7346 |
| EXPENDITURES        |      |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 24   | 24   | 24   | 27   | 27   | 28   | 28   | 26   | 26   | 25   | 25   | 26   |
| Project Total       | 29   | 31   | 31   | 32   | 32   | 33   | 33   | 32   | 33   | 31   | 32   | 32   |
| BASELINE PROJECTION | 2590 | 2819 | 3068 | 3339 | 3635 | 3959 | 4309 | 4691 | 5108 | 5563 | 6059 | 6597 |
| TOTAL EXPENDITURES  | 2619 | 2848 | 3097 | 3371 | 3668 | 3989 | 4341 | 4723 | 5140 | 5594 | 6091 | 6629 |
| Baseline Deficits   | -253 | -274 | -299 | -326 | -355 | -388 | -429 | -473 | -522 | -578 | -639 | -713 |
| Total Deficts       | -255 | -277 | -303 | -327 | -357 | -394 | -432 | -476 | -526 | -581 | -641 | -717 |

Sums may not equal totals due to independent rounding.

\* Projections of revenues and expenditures include fire service area funds that are related to the city portion of the fire service area.

Source: Frank Orth & Associates, Inc., 1983.

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 Alternate 01 of 01  
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PAGE: 268

IMPACTS ON BUDGETS  
 Community of Cantwell Fiscal Projections\*

| YEARS               | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|---------------------|------|------|------|------|------|------|------|------|------|
| <hr/>               |      |      |      |      |      |      |      |      |      |
| REVENUES            |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Project Total       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BASELINE PROJECTION | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| TOTAL REVENUES      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| EXPENDITURES        |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Project Total       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BASELINE PROJECTION | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| TOTAL EXPENDITURES  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Baseline Deficits   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total Deficits      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

Sums may not equal totals due to independent rounding.

\* budgets for Cantwell are incomplete at this time. Therefore, projections of revenues and expenditures were not made at this time.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Community of Cantwell Fiscal Projections\*

| YEARS               | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| REVENUES            |      |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Project Total       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BASELINE PROJECTION | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| TOTAL REVENUES      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| EXPENDITURES        |      |      |      |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED     |      |      |      |      |      |      |      |      |      |      |      |      |
| Direct Portion      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Project Total       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| BASELINE PROJECTION | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| TOTAL EXPENDITURES  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Baseline Deficits   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total Deficits      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

Sums may not equal totals due to independent rounding.

\* Budgets for Cantwell are incomplete at this time. Therefore, projections of revenues and expenditures were not made at this time.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough General Fund\*

| YEARS                 | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES              |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED       |       |       |       |       |       |       |       |       |       |
| Direct Portion        | 954   | 1190  | 2124  | 2848  | 3188  | 3865  | 3770  | 3130  | 2069  |
| Project Total         | 1000  | 1247  | 2187  | 2949  | 3302  | 4011  | 3913  | 3265  | 2199  |
| BASELINE PROJECTION   | 28722 | 30135 | 31382 | 33716 | 36146 | 39068 | 41689 | 44727 | 47790 |
| TOTAL REVENUES        | 29722 | 31380 | 33567 | 36664 | 39448 | 43078 | 45601 | 47991 | 49987 |
| EXPENDITURES          |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED       |       |       |       |       |       |       |       |       |       |
| Direct Portion        | 1050  | 1328  | 2404  | 3161  | 3520  | 4241  | 4055  | 3361  | 2185  |
| Project Total         | 1093  | 1390  | 2476  | 3272  | 3645  | 4402  | 4206  | 3503  | 2321  |
| BASELINE PROJECTION   | 31396 | 33634 | 35525 | 37401 | 39906 | 42873 | 44824 | 48017 | 50492 |
| TOTAL EXPENDITURES    | 32488 | 35024 | 38001 | 40673 | 43550 | 47273 | 49032 | 51519 | 52815 |
| Baseline Deficits     | 2674  | 3499  | 4143  | 3685  | 3760  | 3805  | 3135  | 3290  | 2702  |
| Total Deficits        | 2766  | 3644  | 4434  | 4009  | 4102  | 4195  | 3431  | 3528  | 2828  |
| % increase in deficit | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Sums may not equal totals due to independent rounding.

\* Revenues in 1983 and subsequent years include Municipal Assistance Funds that are received at the end of the fiscal year. Revenue and expenditure projections include both areawide and non-areawide funds. Deficits in 1983 were covered by drawing down the fund balance. Long-term deficits would have to be covered by raising the mill rate or lowering the expenditures.

Source: Frank Orth & Associates, Inc., 1983.

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 Alternate 01 of 01  
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PAGE: 271

# IMPACTS ON BUDGETS

## Mat-Su Borough Service Area Fund

| YEARS              | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------|------|------|------|------|------|------|------|------|------|
| REVENUES           |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED    |      |      |      |      |      |      |      |      |      |
| Direct Portion     | 33   | 41   | 77   | 104  | 117  | 147  | 145  | 120  | 81   |
| Project Total      | 34   | 44   | 79   | 107  | 122  | 152  | 150  | 126  | 86   |
| BASLINE PROJECTION | 2965 | 3305 | 3687 | 4114 | 4594 | 5186 | 5795 | 6478 | 7244 |
| TOTAL REVENUES     | 2999 | 3349 | 3766 | 4222 | 4715 | 5338 | 5944 | 6603 | 7329 |
| EXPENDITURES       |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED    |      |      |      |      |      |      |      |      |      |
| Direct Portion     | 30   | 38   | 71   | 94   | 107  | 131  | 127  | 107  | 70   |
| Project Total      | 31   | 40   | 73   | 98   | 111  | 136  | 132  | 111  | 75   |
| BASLINE PROJECTION | 2877 | 3220 | 3590 | 4003 | 4481 | 5025 | 5599 | 6280 | 7013 |
| TOTAL EXPENDITURES | 2908 | 3260 | 3663 | 4100 | 4591 | 5161 | 5731 | 6391 | 7088 |
| Baseline Deficits  | -88  | -85  | -97  | -111 | -113 | -161 | -196 | -198 | -231 |
| Total Deficits     | -91  | -89  | -103 | -122 | -124 | -177 | -213 | -212 | -241 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1993.



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PAGE: 272

# IMPACTS ON BUDGETS

## Mat-Su Borough Land Management Fund

| YEARS               | 1985 | 1986 | 1987 | 1988 | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------|------|------|------|------|-------|-------|-------|-------|-------|
| REVENUES            |      |      |      |      |       |       |       |       |       |
| PROJECT RELATED     |      |      |      |      |       |       |       |       |       |
| Direct Portion      | 36   | 45   | 82   | 107  | 119   | 143   | 136   | 112   | 72    |
| Project Total       | 37   | 47   | 84   | 111  | 123   | 148   | 141   | 117   | 77    |
| BASELINE PROJECTION | 1075 | 1149 | 1209 | 1269 | 1348  | 1442  | 1501  | 1600  | 1673  |
| TOTAL REVENUES      | 1113 | 1196 | 1294 | 1380 | 1471  | 1590  | 1642  | 1717  | 1750  |
| EXPENDITURES        |      |      |      |      |       |       |       |       |       |
| PROJECT RELATED     |      |      |      |      |       |       |       |       |       |
| Direct Portion      | 11   | 14   | 26   | 33   | 37    | 45    | 42    | 35    | 23    |
| Project Total       | 12   | 15   | 26   | 35   | 38    | 46    | 44    | 36    | 24    |
| BASELINE PROJECTION | 336  | 359  | 377  | 396  | 421   | 450   | 469   | 499   | 522   |
| TOTAL EXPENDITURES  | 347  | 373  | 404  | 431  | 459   | 496   | 513   | 536   | 546   |
| Baseline Deficits   | -739 | -790 | -832 | -873 | -927  | -992  | -1032 | -1101 | -1151 |
| Total Deficits      | -760 | -823 | -890 | -949 | -1012 | -1094 | -1129 | -1181 | -1204 |

Sums may not equal totals due to independent rounding.

Land management surplus funds are transferred into other accounts.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough General Fund\*

| YEARS                 | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002   | 2003   | 2004   | 2005   |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| <hr/>                 |       |       |       |       |       |       |       |       |        |        |        |        |
| REVENUES              |       |       |       |       |       |       |       |       |        |        |        |        |
| PROJECT RELATED       |       |       |       |       |       |       |       |       |        |        |        |        |
| Direct Portion        | 1775  | 1468  | 1876  | 2479  | 2972  | 3155  | 3057  | 2417  | 1393   | 1210   | 1246   | 1284   |
| Project Total         | 1910  | 1606  | 2018  | 2630  | 3132  | 3318  | 3228  | 2581  | 1557   | 1372   | 1413   | 1455   |
| BASELINE PROJECTION   | 51007 | 54398 | 58068 | 62015 | 66213 | 70704 | 75521 | 80679 | 86202  | 92135  | 98493  | 105311 |
| TOTAL REVENUES        | 52919 | 56003 | 60086 | 64645 | 69343 | 74024 | 78750 | 83262 | 87760  | 93507  | 99906  | 106766 |
| EXPENDITURES          |       |       |       |       |       |       |       |       |        |        |        |        |
| PROJECT RELATED       |       |       |       |       |       |       |       |       |        |        |        |        |
| Direct Portion        | 1836  | 1483  | 1859  | 2412  | 2833  | 2948  | 2806  | 2174  | 1233   | 1053   | 1068   | 1085   |
| Project Total         | 1979  | 1625  | 2003  | 2561  | 2985  | 3101  | 2959  | 2325  | 1376   | 1195   | 1211   | 1229   |
| BASELINE PROJECTION   | 52833 | 55036 | 57561 | 60328 | 63130 | 66089 | 69267 | 72640 | 76247  | 80174  | 84410  | 88995  |
| TOTAL EXPENDITURES    | 54810 | 56660 | 59562 | 62887 | 66116 | 69192 | 72226 | 74964 | 77624  | 81369  | 85622  | 90225  |
| Baseline Deficits     | 1826  | 638   | -507  | -1687 | -3083 | -4615 | -6254 | -8039 | -9955  | -11961 | -14083 | -16316 |
| Total Deficits        | 1891  | 657   | -524  | -1758 | -3227 | -4832 | -6524 | -8298 | -10136 | -12138 | -14284 | -16541 |
| % increase in deficit | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      |

Sums may not equal totals due to independent rounding.

\* Revenues in 1983 and subsequent years include Municipal Assistance Funds that are received at the end of the fiscal year. Revenue and expenditure projections include both areawide and non-areawide funds. Deficits in 1983 were covered by drawing down the fund balance. Long-term deficits would have to be covered by raising the mill rate or lowering the expenditures.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough Service Area Fund

| YEARS               | 1994 | 1995 | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES            |      |      |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |      |      |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 70   | 58   | 75    | 101   | 121   | 130   | 127   | 102   | 59    | 51    | 54    | 55    |
| Project Total       | 75   | 64   | 81    | 107   | 128   | 137   | 135   | 108   | 66    | 59    | 61    | 64    |
| BASELINE PROJECTION | 8106 | 9073 | 10161 | 11385 | 12761 | 14309 | 16052 | 18014 | 20223 | 22713 | 25516 | 28676 |
| TOTAL REVENUES      | 8181 | 9137 | 10242 | 11491 | 12888 | 14447 | 16186 | 18123 | 20289 | 22770 | 25578 | 28740 |
| EXPENDITURES        |      |      |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |      |      |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 60   | 49   | 62    | 82    | 97    | 102   | 98    | 77    | 44    | 38    | 38    | 39    |
| Project Total       | 65   | 54   | 67    | 87    | 102   | 108   | 104   | 82    | 49    | 43    | 44    | 45    |
| BASELINE PROJECTION | 7829 | 8736 | 9764  | 10923 | 12222 | 13685 | 15333 | 17191 | 19284 | 21647 | 24313 | 27321 |
| TOTAL EXPENDITURES  | 7894 | 8790 | 9831  | 11010 | 12324 | 13793 | 15437 | 17273 | 19333 | 21690 | 24357 | 27366 |
| Baseline Deficits   | -277 | -337 | -397  | -462  | -539  | -624  | -719  | -823  | -939  | -1066 | -1203 | -1355 |
| Total Deficits      | -287 | -347 | -411  | -481  | -564  | -654  | -749  | -850  | -956  | -1080 | -1221 | -1374 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough Land Management Fund

| YEARS               | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES            |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 60    | 49    | 60    | 78    | 90    | 93    | 88    | 67    | 38    | 32    | 32    | 32    |
| Project Total       | 65    | 53    | 65    | 82    | 95    | 98    | 93    | 72    | 42    | 36    | 36    | 36    |
| BASELINE PROJECTION | 1740  | 1801  | 1870  | 1944  | 2017  | 2092  | 2170  | 2251  | 2334  | 2422  | 2514  | 2611  |
| TOTAL REVENUES      | 1805  | 1854  | 1935  | 2026  | 2112  | 2190  | 2263  | 2323  | 2376  | 2459  | 2551  | 2647  |
| EXPENDITURES        |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 19    | 15    | 19    | 24    | 28    | 29    | 27    | 21    | 12    | 10    | 10    | 10    |
| Project Total       | 20    | 17    | 20    | 26    | 30    | 31    | 29    | 22    | 13    | 11    | 11    | 11    |
| BASELINE PROJECTION | 543   | 562   | 584   | 607   | 630   | 653   | 677   | 703   | 729   | 756   | 785   | 815   |
| TOTAL EXPENDITURES  | 563   | 579   | 604   | 633   | 659   | 684   | 706   | 725   | 742   | 767   | 796   | 826   |
| Baseline Deficits   | -1197 | -1239 | -1286 | -1337 | -1387 | -1439 | -1493 | -1548 | -1605 | -1666 | -1729 | -1796 |
| Total Deficits      | -1242 | -1275 | -1331 | -1393 | -1453 | -1506 | -1557 | -1598 | -1634 | -1692 | -1755 | -1821 |

Sums may not equal totals due to independent rounding.

Land management surplus funds are transferred into other accounts.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough General Fund\*

| YEARS                | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES             |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED      |       |       |       |       |       |       |       |       |       |
| Direct Portion       | 157   | 234   | 266   | 364   | 425   | 572   | 578   | 551   | 512   |
| Project Total        | 198   | 288   | 330   | 462   | 538   | 718   | 722   | 683   | 644   |
| BASILINE PROJECTION  | 28722 | 30135 | 31382 | 33716 | 36146 | 39068 | 41689 | 44727 | 47790 |
| TOTAL REVENUES       | 28920 | 30424 | 31708 | 34177 | 36685 | 39787 | 42409 | 45411 | 48435 |
| EXPENDITURES         |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED      |       |       |       |       |       |       |       |       |       |
| Direct Portion       | 171   | 259   | 301   | 402   | 468   | 630   | 622   | 589   | 545   |
| Project Total        | 216   | 322   | 374   | 513   | 596   | 788   | 776   | 734   | 682   |
| BASILINE PROJECTION  | 31396 | 33634 | 35525 | 37401 | 39906 | 42873 | 44824 | 48017 | 50492 |
| TOTAL EXPENDITURES   | 31612 | 33958 | 35899 | 37915 | 40501 | 43662 | 45601 | 48749 | 51174 |
| Baseline Deficits    | 2674  | 3499  | 4143  | 3685  | 3760  | 3805  | 3135  | 3290  | 2702  |
| Total Deficits       | 2692  | 3534  | 4191  | 3738  | 3816  | 3875  | 3192  | 3338  | 2739  |
| % increase in defici | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Sums may not equal totals due to independent rounding.

\* Revenues in 1985 and in subsequent years include Municipal Assistance funds that are received at the end of each fiscal year. Both the revenue and expenditure projections include areawide and non-areawide funds. Deficits in 1983 were covered by drawing down the fund balance. Long-term deficits would have to be covered by raising mill rates or lowering the expenditures.

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 Alternata 01 of 01  
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PAGE: 277

# IMPACTS ON BUDGETS

## Mat-Su Borough Service Area Fund

| YEARS              | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------|------|------|------|------|------|------|------|------|------|
| <hr/>              |      |      |      |      |      |      |      |      |      |
| REVENUES           |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED    |      |      |      |      |      |      |      |      |      |
| Direct Portion     | 6    | 8    | 9    | 13   | 15   | 22   | 22   | 21   | 20   |
| Project Total      | 7    | 10   | 12   | 17   | 20   | 27   | 28   | 26   | 25   |
| BASLINE PROJECTION | 2965 | 3305 | 3637 | 4114 | 4594 | 5186 | 5795 | 6478 | 7244 |
| TOTAL REVENUES     | 2972 | 3314 | 3698 | 4131 | 4614 | 5213 | 5823 | 6503 | 7269 |
| EXPENDITURES       |      |      |      |      |      |      |      |      |      |
| PROJECT RELATED    |      |      |      |      |      |      |      |      |      |
| Direct Portion     | 5    | 7    | 9    | 12   | 14   | 19   | 19   | 19   | 18   |
| Project Total      | 6    | 9    | 11   | 15   | 18   | 24   | 24   | 23   | 22   |
| BASLINE PROJECTION | 2477 | 3220 | 3590 | 4003 | 4481 | 5025 | 5599 | 6280 | 7013 |
| TOTAL EXPENDITURES | 2483 | 3229 | 3601 | 4018 | 4499 | 5049 | 5624 | 6303 | 7035 |
| Baseline Deficits  | -88  | -85  | -97  | -111 | -113 | -161 | -196 | -198 | -231 |
| Total Deficits     | -89  | -85  | -97  | -113 | -115 | -164 | -199 | -200 | -234 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

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 Alternate 01 of 01  
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PAGE: 278

# IMPACTS ON BUDGETS

## Mat-Su Borough Land Management Fund

| YEARS               | 1985 | 1986 | 1987 | 1988 | 1989 | 1990  | 1991  | 1992  | 1993  |
|---------------------|------|------|------|------|------|-------|-------|-------|-------|
| REVENUES            |      |      |      |      |      |       |       |       |       |
| PROJECT RELATED     |      |      |      |      |      |       |       |       |       |
| Direct Portion      | 5    | 9    | 10   | 14   | 16   | 21    | 21    | 20    | 18    |
| Project Total       | 7    | 11   | 13   | 17   | 20   | 27    | 26    | 24    | 23    |
| BASELINE PROJECTION | 1075 | 1149 | 1209 | 1269 | 1348 | 1442  | 1501  | 1600  | 1673  |
| TOTAL REVENUES      | 1083 | 1160 | 1222 | 1286 | 1368 | 1469  | 1527  | 1624  | 1696  |
| EXPENDITURES        |      |      |      |      |      |       |       |       |       |
| PROJECT RELATED     |      |      |      |      |      |       |       |       |       |
| Direct Portion      | 2    | 3    | 3    | 4    | 5    | 7     | 6     | 6     | 6     |
| Project Total       | 2    | 3    | 4    | 5    | 6    | 8     | 8     | 8     | 7     |
| BASELINE PROJECTION | 336  | 359  | 377  | 396  | 421  | 450   | 469   | 499   | 522   |
| TOTAL EXPENDITURES  | 338  | 362  | 381  | 401  | 427  | 459   | 477   | 507   | 529   |
| Baseline Deficits   | -739 | -790 | -832 | -873 | -927 | -992  | -1032 | -1101 | -1151 |
| Total Deficits      | -745 | -798 | -841 | -885 | -941 | -1010 | -1050 | -1117 | -1167 |

Sums may not equal totals due to independent rounding.

Land management surplus funds are transferred into other accounts.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough General Fund\*

| YEARS                 | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002   | 2003   | 2004   | 2005   |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| <hr/>                 |       |       |       |       |       |       |       |       |        |        |        |        |
| REVENUES              |       |       |       |       |       |       |       |       |        |        |        |        |
| PROJECT RELATED       |       |       |       |       |       |       |       |       |        |        |        |        |
| Direct Portion        | 511   | 517   | 540   | 573   | 603   | 625   | 638   | 624   | 622    | 632    | 650    | 669    |
| Project Total         | 649   | 655   | 688   | 732   | 766   | 793   | 810   | 796   | 788    | 800    | 824    | 848    |
| BASELINE PROJECTION   | 51007 | 54398 | 58068 | 62015 | 66213 | 70704 | 75521 | 80679 | 86202  | 92135  | 98493  | 105311 |
| TOTAL REVENUES        | 51658 | 55054 | 58756 | 62747 | 66980 | 71499 | 76331 | 81474 | 86992  | 92934  | 99316  | 106158 |
| EXPENDITURES          |       |       |       |       |       |       |       |       |        |        |        |        |
| PROJECT RELATED       |       |       |       |       |       |       |       |       |        |        |        |        |
| Direct Portion        | 528   | 523   | 535   | 560   | 575   | 583   | 586   | 562   | 549    | 549    | 558    | 567    |
| Project Total         | 674   | 663   | 682   | 713   | 730   | 740   | 741   | 717   | 698    | 697    | 707    | 717    |
| BASELINE PROJECTION   | 52833 | 55036 | 57561 | 60328 | 63130 | 66089 | 69267 | 72640 | 76247  | 80174  | 84410  | 88995  |
| TOTAL EXPENDITURES    | 53506 | 55698 | 58244 | 61040 | 63860 | 66830 | 70009 | 73356 | 76945  | 80872  | 85116  | 89711  |
| Baseline Deficits     | 1826  | 638   | -507  | -1687 | -3083 | -4615 | -6254 | -8039 | -9955  | -11961 | -14083 | -16316 |
| Total Deficits        | 1848  | 644   | -512  | -1707 | -3120 | -4669 | -6322 | -8118 | -10047 | -12062 | -14200 | -16447 |
| % Increase in deficit | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0      |

Sums may not equal totals due to independent rounding.

\* Revenues in 1983 and in subsequent years include Municipal Assistance funds that are received at the end of each fiscal year. Both the revenue and expenditure projections include areawide and non-areawide funds. Deficits in 1983 were covered by drawing down the fund balance. Long-term deficits would have to be covered by raising mill rates or lowering the expenditures.



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 Alternate 01 of 01  
 05/04/84 AT 15:14:28

PAGE: 280  
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IMPACTS ON BUDGETS  
 Mat-Su Borough Service Area Fund

| YEARS               | 1994 | 1995 | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES            |      |      |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |      |      |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 20   | 21   | 22    | 23    | 25    | 26    | 27    | 26    | 26    | 27    | 28    | 29    |
| Project Total       | 26   | 26   | 28    | 29    | 32    | 33    | 33    | 33    | 33    | 34    | 36    | 37    |
| BASELINE PROJECTION | 8106 | 9073 | 10161 | 11385 | 12761 | 14309 | 16052 | 18014 | 20223 | 22713 | 25516 | 28676 |
| TOTAL REVENUES      | 8131 | 9099 | 10189 | 11415 | 12792 | 14342 | 16085 | 18048 | 20256 | 22746 | 25552 | 28713 |
| EXPENDITURES        |      |      |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |      |      |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 17   | 17   | 18    | 19    | 20    | 20    | 21    | 20    | 20    | 20    | 20    | 20    |
| Project Total       | 22   | 22   | 23    | 24    | 25    | 26    | 26    | 25    | 25    | 25    | 25    | 26    |
| BASELINE PROJECTION | 7829 | 8736 | 9764  | 10923 | 12222 | 13685 | 15333 | 17191 | 19284 | 21647 | 24313 | 27321 |
| TOTAL EXPENDITURES  | 7851 | 8758 | 9787  | 10947 | 12247 | 13711 | 15359 | 17216 | 19309 | 21672 | 24338 | 27347 |
| Baseline Deficits   | -277 | -337 | -397  | -462  | -539  | -624  | -719  | -823  | -939  | -1066 | -1203 | -1355 |
| Total Deficits      | -280 | -341 | -402  | -468  | -545  | -631  | -726  | -832  | -947  | -1074 | -1214 | -1366 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough Land Management Fund

| YEARS               | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES            |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 17    | 17    | 17    | 18    | 18    | 18    | 18    | 17    | 17    | 17    | 17    | 17    |
| Project Total       | 22    | 22    | 22    | 23    | 23    | 23    | 23    | 22    | 21    | 21    | 21    | 21    |
| BASELINE PROJECTION | 1740  | 1801  | 1870  | 1944  | 2017  | 2092  | 2170  | 2251  | 2334  | 2422  | 2514  | 2611  |
| TOTAL REVENUES      | 1762  | 1822  | 1892  | 1967  | 2040  | 2115  | 2193  | 2273  | 2355  | 2443  | 2535  | 2632  |
| EXPENDITURES        |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 5     | 5     | 5     | 6     | 6     | 6     | 6     | 5     | 5     | 5     | 5     | 5     |
| Project Total       | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     |
| BASELINE PROJECTION | 543   | 562   | 584   | 607   | 630   | 653   | 677   | 703   | 729   | 756   | 785   | 815   |
| TOTAL EXPENDITURES  | 550   | 569   | 590   | 614   | 637   | 660   | 685   | 709   | 735   | 763   | 791   | 821   |
| Baseline Deficits   | -1197 | -1239 | -1286 | -1337 | -1387 | -1439 | -1493 | -1548 | -1605 | -1666 | -1729 | -1796 |
| Total Deficits      | -1212 | -1253 | -1302 | -1353 | -1403 | -1455 | -1508 | -1564 | -1620 | -1680 | -1744 | -1811 |

Sums may not equal totals due to independent rounding.

Land management surplus funds are transferred into other accounts.

Source: Frank Orth & Associates, Inc., 1983.

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Alternate 01 of 01  
05/04/84 AT 15:14:47

USER = SUS

PAGE: 282

IMPACTS ON BUDGETS

Municipality of Anchorage Expenditure Projections

| YEARS               | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| REVENUES            |        |        |        |        |        |        |        |        |        |
| PROJECT RELATED     |        |        |        |        |        |        |        |        |        |
| Direct Portion      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Project Total       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BASELINE PROJECTION | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| TOTAL REVENUES      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EXPENDITURES        |        |        |        |        |        |        |        |        |        |
| PROJECT RELATED     |        |        |        |        |        |        |        |        |        |
| Direct Portion      | -227   | -374   | -811   | -927   | -1016  | -1147  | -1103  | -918   | -543   |
| Project Total       | 218    | 182    | -97    | 92     | 125    | 308    | 322    | 405    | 850    |
| BASELINE PROJECTION | 184227 | 188723 | 190744 | 192295 | 196576 | 202449 | 202980 | 208571 | 210439 |
| TOTAL EXPENDITURES  | 184443 | 188905 | 190648 | 192379 | 196702 | 202759 | 203301 | 208977 | 211286 |
| Baseline Deficits   | 184227 | 188723 | 190744 | 192295 | 196576 | 202449 | 202980 | 208571 | 210439 |
| Total Deficits      | 184443 | 188905 | 190648 | 192379 | 196702 | 202759 | 203301 | 208977 | 211286 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1993.

IMPACTS ON BUDGETS

Municipality of Anchorage Expenditure Projections

| YEARS               | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <hr/>               |        |        |        |        |        |        |        |        |        |        |        |        |
| REVENUES            |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT RELATED     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Portion      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Project Total       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| BASELINE PROJECTION | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| TOTAL REVENUES      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| EXPENDITURES        |        |        |        |        |        |        |        |        |        |        |        |        |
| PROJECT RELATED     |        |        |        |        |        |        |        |        |        |        |        |        |
| Direct Portion      | -339   | -206   | -342   | -491   | -590   | -609   | -578   | -396   | -62    | 2      | 2      | 2      |
| Project Total       | 1234   | 1329   | 1228   | 1176   | 1128   | 1122   | 1127   | 1226   | 1561   | 1609   | 1611   | 1611   |
| BASELINE PROJECTION | 211298 | 211232 | 212007 | 213212 | 214048 | 214913 | 215947 | 217016 | 218174 | 219583 | 221111 | 222776 |
| TOTAL EXPENDITURES  | 212533 | 212563 | 213237 | 214390 | 215176 | 216034 | 217076 | 218244 | 219737 | 221189 | 222720 | 224388 |
| Baseline Deficits   | 211298 | 211232 | 212007 | 213212 | 214048 | 214913 | 215947 | 217016 | 218174 | 219583 | 221111 | 222776 |
| Total Deficits      | 212533 | 212563 | 213237 | 214390 | 215176 | 216034 | 217076 | 218244 | 219737 | 221189 | 222720 | 224388 |

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

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Alternate 01 of 01  
05/04/84 AT 15:15:16

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PAGE: 284

IMPACTS ON BUDGETS

City of Fairbanks Expenditure Projections\*

| YEARS               | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| REVENUES            |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Project Total       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| BASELINE PROJECTION | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| TOTAL REVENUES      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| EXPENDITURES        |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 140   | 158   | 128   | 173   | 198   | 249   | 243   | 218   | 177   |
| Project Total       | 183   | 213   | 205   | 279   | 320   | 414   | 411   | 376   | 318   |
| BASELINE PROJECTION | 29010 | 30438 | 31846 | 32998 | 34500 | 36516 | 37810 | 39395 | 41399 |
| TOTAL EXPENDITURES  | 29194 | 30650 | 32051 | 33274 | 34818 | 36929 | 38220 | 39771 | 41715 |
| Baseline Deficits   | 29010 | 30438 | 31846 | 32998 | 34500 | 36516 | 37810 | 39395 | 41399 |
| Total Deficits      | 29194 | 30650 | 32051 | 33274 | 34818 | 36929 | 38220 | 39771 | 41715 |

Sums may not equal totals due to independent rounding.

\* Expenditure projections include only a subset of the municipal utilities system (water, sewer, and electric).

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

City of Fairbanks Expenditure Projections\*

| YEARS               | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <hr/>               |       |       |       |       |       |       |       |       |       |       |       |       |
| REVENUES            |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Project Total       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| BASELINE PROJECTION | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| TOTAL REVENUES      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| EXPENDITURES        |       |       |       |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 160   | 150   | 163   | 181   | 198   | 200   | 198   | 167   | 151   | 141   | 142   | 144   |
| Project Total       | 297   | 285   | 303   | 329   | 359   | 367   | 366   | 323   | 293   | 282   | 286   | 288   |
| BASELINE PROJECTION | 43483 | 44831 | 46423 | 48158 | 49869 | 51642 | 53570 | 55615 | 57734 | 59937 | 62284 | 64769 |
| TOTAL EXPENDITURES  | 43779 | 45116 | 46727 | 48485 | 50229 | 52009 | 53938 | 55937 | 58028 | 60219 | 62571 | 65059 |
| Baseline Deficits   | 43483 | 44831 | 46423 | 48158 | 49869 | 51642 | 53570 | 55615 | 57734 | 59937 | 62284 | 64769 |
| Total Deficts       | 43779 | 45116 | 46727 | 48485 | 50229 | 52009 | 53938 | 55937 | 58028 | 60219 | 62571 | 65059 |

Sums may not equal totals due to independent rounding.

\* Expenditure projections include only a subset of the municipal utilities system (water, sewer, and electric).

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Mat-Su Borough School Budget Projections\*

| YEARS               | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <hr/>               |       |       |       |       |       |       |       |       |       |
| REVENUES            |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 566   | 770   | 2215  | 2906  | 3185  | 3637  | 3604  | 3184  | 2314  |
| Project Total       | 623   | 850   | 2310  | 3053  | 3355  | 3854  | 3811  | 3379  | 2501  |
| BASELINE PROJECTION | 41966 | 44898 | 47522 | 50171 | 53790 | 57972 | 61200 | 65742 | 69669 |
| TOTAL REVENUES      | 42589 | 45747 | 49832 | 53223 | 57145 | 61626 | 65010 | 69121 | 72171 |
| EXPENDITURES        |       |       |       |       |       |       |       |       |       |
| PROJECT RELATED     |       |       |       |       |       |       |       |       |       |
| Direct Portion      | 280   | 425   | 1842  | 2382  | 2574  | 2833  | 2823  | 2595  | 1987  |
| Project Total       | 337   | 503   | 1935  | 2527  | 2740  | 3046  | 3025  | 2786  | 2169  |
| BASELINE PROJECTION | 41673 | 44511 | 46862 | 49161 | 52658 | 56804 | 59575 | 63980 | 67447 |
| TOTAL EXPENDITURES  | 42010 | 45015 | 48797 | 51688 | 55398 | 59850 | 62600 | 66767 | 69616 |
| Baseline Deficits   | -293  | -386  | -660  | -1010 | -1132 | -1168 | -1626 | -1762 | -2222 |
| Total Deficits      | -282  | -369  | -643  | -992  | -1114 | -1144 | -1609 | -1748 | -2219 |

Sums may not equal totals due to independent rounding.  
 \* Enrollment has increased dramatically; it is expected that 6,972 school-age children will attend public school in the Mat-Su Borough School District by June 1984. Revenue and expenditure projections were made under this assumption and therefore, appear higher than in the 1983-1984 initial budget.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS  
 Mat-Su Borough School Budget Projections\*

| YEARS              | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   |
|--------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| REVENUES           |       |       |       |       |       |       |        |        |        |        |        |        |
| PROJECT RELATED    |       |       |       |       |       |       |        |        |        |        |        |        |
| Direct Portion     | 2152  | 1863  | 2212  | 2723  | 3092  | 3179  | 3144   | 2677   | 1746   | 1585   | 1603   | 1622   |
| Project Total      | 2350  | 2063  | 2414  | 2938  | 3310  | 3399  | 3367   | 2895   | 1955   | 1791   | 1812   | 1833   |
| BASLINE PROJECTION | 73516 | 77313 | 81524 | 86049 | 90684 | 95586 | 100760 | 105690 | 110885 | 116430 | 122291 | 128507 |
| TOTAL REVENUES     | 75867 | 79374 | 83938 | 88988 | 93994 | 98986 | 104128 | 108585 | 112839 | 118221 | 124102 | 130340 |
| EXPENDITURES       |       |       |       |       |       |       |        |        |        |        |        |        |
| PROJECT RELATED    |       |       |       |       |       |       |        |        |        |        |        |        |
| Direct Portion     | 1920  | 1692  | 1930  | 2278  | 2491  | 2496  | 2491   | 2216   | 1541   | 1427   | 1427   | 1427   |
| Project Total      | 2112  | 1884  | 2122  | 2480  | 2693  | 2698  | 2693   | 2413   | 1728   | 1609   | 1609   | 1609   |
| BASLINE PROJECTION | 70674 | 73694 | 77114 | 80788 | 84430 | 88239 | 92209  | 95633  | 99177  | 102934 | 106842 | 110930 |
| TOTAL EXPENDITURES | 72786 | 75578 | 79236 | 83268 | 87123 | 90937 | 94902  | 98046  | 100905 | 104543 | 108450 | 112539 |
| Baseline Deficits  | -2841 | -3620 | -4408 | -5263 | -6253 | -7347 | -8553  | -10057 | -11708 | -13495 | -15449 | -17578 |
| Total Deficits     | -2845 | -3632 | -4433 | -5296 | -6298 | -7403 | -8620  | -10133 | -11791 | -13589 | -15555 | -17698 |

Sums may not equal totals due to independent rounding.

\* Enrollment has increased dramatically; it is expected that 6,972 school-age children will attend public school in the Mat-Su Borough School District by June 1984. Revenue and expenditure projections were made under this assumption and therefore, appear higher than in the 1983-1984 initial budget.

Source: Frank Orth & Associates, Inc., 1983.