**Attachment I**

**Interest Rates and Amortization Factors 1987/88 through 2011/12**

| Fiscal Year for Plan: | 1987/88 | 1988/89 | 1989/90 | 1990/91 | 1991/92 | 1992/93 | 1993/94 | 1994/95 | 1995/96 | 1996/97 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 2006/07 | 2007/08 | 2008/09 | 2009/10 | 2010/11 | 2011/2012 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year Starts | 1987 1986 | 1988 1987 | 1989 1988 | 1990 1989 | 1991 1990 | 1992 1991 | 1993 1992 | 1994 1993 | 1995 1993 | 1996 1994 | 1997 1995 | 1998 1996 | 1999 1997 | 2000 1998 | 2001 1999 | 2002 2000 | 2003 2001 | 2004 2002 | 2005 2003 | 2006 2004 | 2007 2005 | 2008 2006 | 2009 2007 | 2010 2008 | 2011 2009 |
| Payroll Growth Assumption | 5.50% | 5.50% | 5.50% | 5.50% | 5.50% | 5.25% | 5.25% | 5.25% | 5.25% | 4.50% | 4.50% | 4.50% | 3.75% | 3.75% | 3.75% | 3.75% | 3.75% | 3.75% | 3.25% | 3.25% | 3.25% | 3.25% | 3.25% | 3.25% | 3.25% |
| Actuarial Interest Rate: | 8.50% | 8.50% | 8.50% | 8.50% | 8.50% | 8.75% | 8.75% | 8.75% | 8.75% | 8.50% | 8.50% | 8.50% | 8.25% | 8.25% | 8.25% | 8.25% | 8.25% | 8.25% | 7.75% | 7.75% | 7.75% | 7.75% | 7.75% | 7.75% | 7.75% |
| End of Funding Period: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 18.2244 | 17.7142 | 17.1895 | 16.6499 | 16.0949 | 14.9197 | 14.3826 | 13.8277 | 13.2542 | 12.2535 | 11.6843 | 11.0932 | 10.2040 | 9.6032 | 8.9764 | 8.3223 | 7.6399 | 6.9279 | 6.1815 | 5.4074 | 4.5994 | 3.7563 | 2.8765 | 1.9582 | 1.0000 |
| 2013 | 18.7205 | 18.2244 | 17.7142 | 17.1895 | 16.6499 | 15.4396 | 14.9197 | 14.3826 | 13.8277 | 12.8018 | 12.2535 | 11.6843 | 10.7798 | 10.2040 | 9.6032 | 8.9764 | 8.3223 | 7.6399 | 6.9234 | 6.1815 | 5.4074 | 4.5994 | 3.7563 | 2.8765 | 1.9582 |
| 2014 | 19.2029 | 18.7205 | 18.2244 | 17.7142 | 17.1895 | 15.9427 | 15.4396 | 14.9197 | 14.3826 | 13.3298 | 12.8018 | 12.2535 | 11.3317 | 10.7798 | 10.2040 | 9.6032 | 8.9764 | 8.3223 | 7.6342 | 6.9234 | 6.1815 | 5.4074 | 4.5994 | 3.7563 | 2.8765 |
| 2015 | 19.6720 | 19.2029 | 18.7205 | 18.2244 | 17.7142 | 16.4296 | 15.9427 | 15.4396 | 14.9197 | 13.8384 | 13.3298 | 12.8018 | 11.8606 | 11.3317 | 10.7798 | 10.2040 | 9.6032 | 8.9764 | 8.3154 | 7.6342 | 6.9234 | 6.1815 | 5.4074 | 4.5994 | 3.7563 |
| 2016 | 20.1280 | 19.6720 | 19.2029 | 18.7205 | 18.2244 | 16.9008 | 16.4296 | 15.9427 | 15.4396 | 14.3282 | 13.8384 | 13.3298 | 12.3676 | 11.8606 | 11.3317 | 10.7798 | 10.2040 | 9.6032 | 8.9681 | 8.3154 | 7.6342 | 6.9234 | 6.1815 | 5.4074 | 4.5994 |
| 2017 | 20.5715 | 20.1280 | 19.6720 | 19.2029 | 18.7205 | 17.3569 | 16.9008 | 16.4296 | 15.9427 | 14.8000 | 14.3282 | 13.8384 | 12.8535 | 12.3676 | 11.8606 | 11.3317 | 10.7798 | 10.2040 | 9.5936 | 8.9681 | 8.3154 | 7.6342 | 6.9234 | 6.1815 | 5.4074 |
| 2018 | | 20.5715 | 20.1280 | 19.6720 | 19.2029 | 17.7982 | 17.3569 | 16.9008 | 16.4296 | 15.2544 | 14.8000 | 14.3282 | 13.3191 | 12.8535 | 12.3676 | 11.8606 | 11.3317 | 10.7798 | 10.1929 | 9.5936 | 8.9681 | 8.3154 | 7.6342 | 6.9234 | 6.1815 |
| 2019 | | | 20.5715 | 20.1280 | 19.6720 | 18.2254 | 17.7982 | 17.3569 | 16.9008 | 15.6920 | 15.2544 | 14.8000 | 13.7655 | 13.3191 | 12.8535 | 12.3676 | 11.8606 | 11.3317 | 10.7672 | 10.1929 | 9.5936 | 8.9681 | 8.3154 | 7.6342 | 6.9234 |
| 2020 | | | | 20.5715 | 20.1280 | 18.6389 | 18.2254 | 17.7982 | 17.3569 | 16.1135 | 15.6920 | 15.2544 | 14.1932 | 13.7655 | 13.3191 | 12.8535 | 12.3676 | 11.8606 | 11.3176 | 10.7672 | 10.1929 | 9.5936 | 8.9681 | 8.3154 | 7.6342 |
| 2021 | | | | | 20.5715 | 19.0390 | 18.6389 | 18.2254 | 17.7982 | 16.5194 | 16.1135 | 15.6920 | 14.6032 | 14.1932 | 13.7655 | 13.3191 | 12.8535 | 12.3676 | 11.8449 | 11.3176 | 10.7672 | 10.1929 | 9.5936 | 8.9681 | 8.3154 |
| 2022 | | | | | | 19.4262 | 19.0390 | 18.6389 | 18.2254 | 16.9104 | 16.5194 | 16.1135 | 14.9961 | 14.6032 | 14.1932 | 13.7655 | 13.3191 | 12.8535 | 12.3502 | 11.8449 | 11.3176 | 10.7672 | 10.1929 | 9.5936 | 8.9681 |
| 2023 | | | | | | | 19.4262 | 19.0390 | 18.6389 | 17.2870 | 16.9104 | 16.5194 | 15.3727 | 14.9961 | 14.6032 | 14.1932 | 13.7655 | 13.3191 | 12.8344 | 12.3502 | 11.8449 | 11.3176 | 10.7672 | 10.1929 | 9.5936 |
| 2024 | | | | | | | | 19.4262 | 19.0390 | 17.6497 | 17.2870 | 16.9104 | 15.7337 | 15.3727 | 14.9961 | 14.6032 | 14.1932 | 13.7655 | 13.2984 | 12.8344 | 12.3502 | 11.8449 | 11.3176 | 10.7672 | 10.1929 |
| 2025 | | | | | | | | | 19.4262 | 17.9990 | 17.6497 | 17.2870 | 16.0796 | 15.7337 | 15.3727 | 14.9961 | 14.6032 | 14.1932 | 13.7430 | 13.2984 | 12.8344 | 12.3502 | 11.8449 | 11.3176 | 10.7672 |
| 2026 | | | | | | | | | | 18.3355 | 17.9990 | 17.6497 | 16.4112 | 16.0796 | 15.7337 | 15.3727 | 14.9961 | 14.6032 | 14.1691 | 13.7430 | 13.2984 | 12.8344 | 12.3502 | 11.8449 | 11.3176 |
| 2027 | | | | | | | | | | | 18.3355 | 17.9990 | 16.7290 | 16.4112 | 16.0796 | 15.7337 | 15.3727 | 14.9961 | 14.5773 | 14.1691 | 13.7430 | 13.2984 | 12.8344 | 12.3502 | 11.8449 |
| 2028 | | | | | | | | | | | | 18.3355 | 17.0335 | 16.7290 | 16.4112 | 16.0796 | 15.7337 | 15.3727 | 14.9685 | 14.5773 | 14.1691 | 13.7430 | 13.2984 | 12.8344 | 12.3502 |
| 2029 | | | | | | | | | | | | | 17.3255 | 17.0335 | 16.7290 | 16.4112 | 16.0796 | 15.7337 | 15.3434 | 14.9685 | 14.5773 | 14.1691 | 13.7430 | 13.2984 | 12.8344 |
| 2030 | | | | | | | | | | | | | | 17.3255 | 17.0335 | 16.7290 | 16.4112 | 16.0796 | 15.7026 | 15.3434 | 14.9685 | 14.5773 | 14.1691 | 13.7430 | 13.2984 |
| 2031 | | | | | | | | | | | | | | | 17.3255 | 17.0335 | 16.7290 | 16.4112 | 16.0468 | 15.7026 | 15.3434 | 14.9685 | 14.5773 | 14.1691 | 13.7430 |
| 2032 | | | | | | | | | | | | | | | | 17.3255 | 17.0335 | 16.7290 | 16.3766 | 16.0468 | 15.7026 | 15.3434 | 14.9685 | 14.5773 | 14.1691 |
| 2033 | | | | | | | | | | | | | | | | | 17.3255 | 17.0335 | 16.6927 | 16.3766 | 16.0468 | 15.7026 | 15.3434 | 14.9685 | 14.5773 |
| 2034 | | | | | | | | | | | | | | | | | | 17.3255 | 16.9956 | 16.6927 | 16.3766 | 16.0468 | 15.7026 | 15.3434 | 14.9685 |
| 2035 | | | | | | | | | | | | | | | | | | | 17.2858 | 16.9956 | 16.6927 | 16.3766 | 16.0468 | 15.7026 | 15.3434 |
| 2036 | | | | | | | | | | | | | | | | | | | | 17.2858 | 16.9956 | 16.6927 | 16.3766 | 16.0468 | 15.7026 |
| 2037 | | | | | | | | | | | | | | | | | | | | | 17.2858 | 16.9956 | 16.6927 | 16.3766 | 16.0468 |
| 2038 | | | | | | | | | | | | | | | | | | | | | | 17.2858 | 16.9956 | 16.6927 | 16.3766 |
| 2039 | | | | | | | | | | | | | | | | | | | | | | | 17.2858 | 16.9956 | 16.6927 |
| 2040 | | | | | | | | | | | | | | | | | | | | | | | | 17.2858 | 16.9956 |
| 2041 | | | | | | | | | | | | | | | | | | | | | | | | | 17.2858 |