## Sample Debenture Amortization Schedule

Lift Station Upgrades

| *Principal | $\$ 6,500,000.00$ |
| :--- | ---: |
| **Budgeted Interest for 10 year debt | $2.200 \%$ |
| Term | 10 |
| Annual Payments | $\$ 731,215.27$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | :--- | :--- | :--- | ---: |
|  |  |  |  |  | $\$ 6,500,000.00$ |
| 1 | $\$ 6,500,000.00$ | $\$ 588,215.27$ | $\$ 143,000.00$ | $\$ 731,215.27$ | $\$ 5,911,784.73$ |
| 2 | $\$ 5,911,784.73$ | $\$ 601,156.00$ | $\$ 130,059.26$ | $\$ 731,215.27$ | $\$ 5,310,628.73$ |
| 3 | $\$ 5,310,628.73$ | $\$ 614,381.44$ | $\$ 116,833.83$ | $\$ 731,215.27$ | $\$ 4,696,247.29$ |
| 4 | $\$ 4,696,247.29$ | $\$ 627,897.83$ | $\$ 103,317.44$ | $\$ 731,215.27$ | $\$ 4,068,349.47$ |
| 5 | $\$ 4,068,349.47$ | $\$ 641,711.58$ | $\$ 89,503.69$ | $\$ 731,215.27$ | $\$ 3,426,637.89$ |
| 6 | $\$ 3,426,637.89$ | $\$ 655,829.23$ | $\$ 75,386.03$ | $\$ 731,215.27$ | $\$ 2,770,808.65$ |
| 7 | $\$ 2,770,808.65$ | $\$ 670,257.48$ | $\$ 60,957.79$ | $\$ 731,215.27$ | $\$ 2,100,551.17$ |
| 8 | $\$ 2,100,551.17$ | $\$ 685,003.14$ | $\$ 46,212.13$ | $\$ 731,215.27$ | $\$ 1,415,548.03$ |
| 9 | $\$ 1,415,548.03$ | $\$ 700,073.21$ | $\$ 31,142.06$ | $\$ 731,215.27$ | $\$ 715,474.82$ |
| 10 | $\$ 715,474.82$ | $\$ 715,474.82$ | $\$ 15,740.45$ | $\$ 731,215.27$ | $\$ 0.00$ |



| Principal | Interest |
| :---: | ---: |
| $\$ 6,500,000.00$ | $\$ 812,152.68$ |

[^0][^1]
## Sample Debenture Amortization Schedule

Lower Townsite 4 Way Chamber - Construction

| $*$ Principal | $\$ 5,000,000.00$ |
| :--- | ---: |
| $* *$ Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 336,078.54$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 5,000,000.00$ |
| 2 | $\$ 5,000,000.00$ | $\$ 186,078.54$ | $\$ 150,000.00$ | $\$ 336,078.54$ | $\$ 4,813,921.46$ |
| 3 | $\$ 4,622,260.57$ | $\$ 197,410.72$ | $\$ 138,667.82$ | $\$ 336,078.54$ | $\$ 4,622,260.57$ |
| 4 | $\$ 4,424,849.85$ | $\$ 203,333.04$ | $\$ 132,745.50$ | $\$ 336,078.54$ | $\$ 4,424,849.85$ |
| 5 | $\$ 4,221,516.80$ | $\$ 209,433.03$ | $\$ 126,645.50$ | $\$ 336,078.54$ | $\$ 4,221,516.80$ |
| 6 | $\$ 4,012,083.77$ | $\$ 215,716.02$ | $\$ 120,362.51$ | $\$ 336,078.54$ | $\$ 4,012,083.77$ |
| 7 | $\$ 3,796,367.75$ | $\$ 222,187.51$ | $\$ 113,891.03$ | $\$ 336,078.54$ | $\$ 3,796,367.75$ |
| 8 | $\$ 3,574,180.24$ | $\$ 228,853.13$ | $\$ 107,225.41$ | $\$ 336,078.54$ | $\$ 3,574,180.24$ |
| 9 | $\$ 3,345,327.11$ | $\$ 235,718.72$ | $\$ 100,359.81$ | $\$ 336,078.54$ | $\$ 3,345,327.11$ |
| 10 | $\$ 3,109,608.38$ | $\$ 242,790.29$ | $\$ 93,288.25$ | $\$ 336,078.54$ | $\$ 3,109,608.38$ |
| 11 | $\$ 2,866,818.10$ | $\$ 250,074.00$ | $\$ 86,004.54$ | $\$ 336,078.54$ | $\$ 2,866,818.10$ |
| 12 | $\$ 2,616,744.10$ | $\$ 257,576.21$ | $\$ 78,502.32$ | $\$ 336,078.54$ | $\$ 2,616,744.10$ |
| 13 | $\$ 2,359,167.89$ | $\$ 265,303.50$ | $\$ 70,775.04$ | $\$ 336,078.54$ | $\$ 2,359,167.89$ |
| 14 | $\$ 2,093,864.39$ | $\$ 273,262.61$ | $\$ 62,815.93$ | $\$ 336,078.54$ | $\$ 2,093,864.39$ |
| 15 | $\$ 1,820,601.78$ | $\$ 281,460.48$ | $\$ 54,618.05$ | $\$ 336,078.54$ | $\$ 1,820,601.78$ |
| 16 | $\$ 1,539,141.30$ | $\$ 289,904.30$ | $\$ 46,174.24$ | $\$ 336,078.54$ | $\$ 1,539,141.30$ |
| 17 | $\$ 1,249,237.00$ | $\$ 298,601.43$ | $\$ 37,477.11$ | $\$ 336,078.54$ | $\$ 1,249,237.00$ |
| 18 | $\$ 950,635.57$ | $\$ 307,559.47$ | $\$ 28,519.07$ | $\$ 336,078.54$ | $\$ 950,635.57$ |
| 19 | $\$ 643,076.10$ | $\$ 316,786.26$ | $\$ 19,292.28$ | $\$ 336,078.54$ | $\$ 643,076.10$ |
| 20 | $\$ 326,289.84$ | $\$ 326,289.84$ | $\$ 9,788.70$ | $\$ 336,078.54$ | $\$ 326,289.84$ |
|  |  |  |  | $\$ 0.00$ |  |

Total

| Principal | Interest |
| :--- | ---: |
| $\$ 5,000,000.00$ | $\$ 1,721,570.76$ |

Payment $\$ 6,721,570.76$

[^2]
## Sample Debenture Amortization Schedule <br> Conklin Multiplex - Construction

| *Principal | $\$ 41,000,000.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |

Annual Payments
\$2,755,844.01

| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 41,000,000.00$ |
| 1 | $\$ 41,000,000.00$ | $\$ 1,525,844.01$ | $\$ 1,230,000.00$ | $\$ 2,755,844.01$ | $\$ 39,474,155.99$ |
| 2 | $\$ 39,474,155.99$ | $\$ 1,571,619.33$ | $\$ 1,184,224.68$ | $\$ 2,755,844.01$ | $\$ 37,902,536.66$ |
| 3 | $\$ 37,902,536.66$ | $\$ 1,618,767.91$ | $\$ 1,137,076.10$ | $\$ 2,755,844.01$ | $\$ 36,283,768.74$ |
| 4 | $\$ 36,283,768.74$ | $\$ 1,667,330.95$ | $\$ 1,088,513.06$ | $\$ 2,755,844.01$ | $\$ 34,616,437.80$ |
| 5 | $\$ 34,616,437.80$ | $\$ 1,717,350.88$ | $\$ 1,038,493.13$ | $\$ 2,755,844.01$ | $\$ 32,899,086.92$ |
| 6 | $\$ 32,899,086.92$ | $\$ 1,768,871.40$ | $\$ 986,972.61$ | $\$ 2,755,844.01$ | $\$ 31,130,215.51$ |
| 7 | $\$ 31,130,215.51$ | $\$ 1,821,937.55$ | $\$ 933,906.47$ | $\$ 2,755,844.01$ | $\$ 29,308,277.97$ |
| 8 | $\$ 29,308,277.97$ | $\$ 1,876,595.67$ | $\$ 879,248.34$ | $\$ 2,755,844.01$ | $\$ 27,431,682.30$ |
| 9 | $\$ 27,431,682.30$ | $\$ 1,932,893.54$ | $\$ 822,950.47$ | $\$ 2,755,844.01$ | $\$ 25,498,788.75$ |
| 10 | $\$ 25,498,788.75$ | $\$ 1,990,880.35$ | $\$ 764,963.66$ | $\$ 2,755,844.01$ | $\$ 23,507,908.40$ |
| 11 | $\$ 23,507,908.40$ | $\$ 2,050,606.76$ | $\$ 705,237.25$ | $\$ 2,755,844.01$ | $\$ 21,457,301.65$ |
| 12 | $\$ 21,457,301.65$ | $\$ 2,112,124.96$ | $\$ 643,719.05$ | $\$ 2,755,844.01$ | $\$ 19,345,176.68$ |
| 13 | $\$ 19,345,176.68$ | $\$ 2,175,488.71$ | $\$ 580,355.30$ | $\$ 2,755,844.01$ | $\$ 17,169,687.97$ |
| 14 | $\$ 17,169,687.97$ | $\$ 2,240,753.37$ | $\$ 515,090.64$ | $\$ 2,755,844.01$ | $\$ 14,928,934.60$ |
| 15 | $\$ 14,928,934.60$ | $\$ 2,307,975.97$ | $\$ 447,868.04$ | $\$ 2,755,844.01$ | $\$ 12,620,958.63$ |
| 16 | $\$ 12,620,958.63$ | $\$ 2,377,215.25$ | $\$ 378,628.76$ | $\$ 2,755,844.01$ | $\$ 10,243,743.37$ |
| 17 | $\$ 10,243,743.37$ | $\$ 2,448,531.71$ | $\$ 307,312.30$ | $\$ 2,755,844.01$ | $\$ 7,795,211.66$ |
| 18 | $\$ 7,795,211.66$ | $\$ 2,521,987.66$ | $\$ 233,856.35$ | $\$ 2,755,844.01$ | $\$ 5,273,224.00$ |
| 19 | $\$ 5,273,224.00$ | $\$ 2,597,647.29$ | $\$ 158,196.72$ | $\$ 2,755,844.01$ | $\$ 2,675,576.71$ |
| 20 | $\$ 2,675,576.71$ | $\$ 2,675,576.71$ | $\$ 80,267.30$ | $\$ 2,755,844.01$ | $\$ 0.00$ |

Total

| Principal | Interest |
| ---: | ---: |
| $\$ 41,000,000.00$ | $\$ 14,116,880.23$ |

Payment $\$ 55,116,880.23$

[^3]
## Sample Debenture Amortization Schedule

Fort Chipewyan Swimming Pool - Construction

| *Principal | $\$ 6,000,000.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 403,294.25$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 6,000,000.00$ |
| 2 | $\$ 6,000,000.00$ | $\$ 223,294.25$ | $\$ 180,000.00$ | $\$ 403,294.25$ | $\$ 5,776,705.75$ |
| 3 | $\$ 5,546,712.68$ | $\$ 236,892.87$ | $\$ 166,401.38$ | $\$ 403,294.25$ | $\$ 5,546,712.68$ |
| 4 | $\$ 5,309,819.82$ | $\$ 243,999.65$ | $\$ 159,294.59$ | $\$ 403,294.25$ | $\$ 5,309,819.82$ |
| 5 | $\$ 5,065,820.17$ | $\$ 251,319.64$ | $\$ 151,974.60$ | $\$ 403,294.25$ | $\$ 5,065,820.17$ |
| 6 | $\$ 4,814,500.52$ | $\$ 258,859.23$ | $\$ 144,435.02$ | $\$ 403,294.25$ | $\$ 4,814,500.52$ |
| 7 | $\$ 4,555,641.29$ | $\$ 266,625.01$ | $\$ 136,669.24$ | $\$ 403,294.25$ | $\$ 4,555,641.29$ |
| 8 | $\$ 4,289,016.29$ | $\$ 274,623.76$ | $\$ 128,670.49$ | $\$ 403,294.25$ | $\$ 4,289,016.29$ |
| 9 | $\$ 4,014,392.53$ | $\$ 282,862.47$ | $\$ 120,431.78$ | $\$ 403,294.25$ | $\$ 4,014,392.53$ |
| 10 | $\$ 3,731,530.06$ | $\$ 291,348.34$ | $\$ 11,945.90$ | $\$ 403,294.25$ | $\$ 3,731,530.06$ |
| 11 | $\$ 3,440,181.72$ | $\$ 300,088.79$ | $\$ 103,205.45$ | $\$ 403,294.25$ | $\$ 3,440,181.72$ |
| 12 | $\$ 3,140,092.92$ | $\$ 309,091.46$ | $\$ 94,202.79$ | $\$ 403,294.25$ | $\$ 3,140,092.92$ |
| 13 | $\$ 2,831,001.47$ | $\$ 318,364.20$ | $\$ 84,930.04$ | $\$ 403,294.25$ | $\$ 2,831,001.47$ |
| 14 | $\$ 2,512,637.26$ | $\$ 327,915.13$ | $\$ 75,379.12$ | $\$ 403,294.25$ | $\$ 2,512,637.26$ |
| 15 | $\$ 2,184,722.14$ | $\$ 337,752.58$ | $\$ 65,541.66$ | $\$ 403,294.25$ | $\$ 2,184,722.14$ |
| 16 | $\$ 1,846,969.56$ | $\$ 347,885.16$ | $\$ 55,409.09$ | $\$ 403,294.25$ | $\$ 1,846,969.56$ |
| 17 | $\$ 1,499,084.40$ | $\$ 358,321.71$ | $\$ 44,972.53$ | $\$ 403,294.25$ | $\$ 1,499,084.40$ |
| 18 | $\$ 1,140,762.68$ | $\$ 369,071.37$ | $\$ 34,222.88$ | $\$ 403,294.25$ | $\$ 1,140,762.68$ |
| 19 | $\$ 771,691.32$ | $\$ 380,143.51$ | $\$ 23,150.74$ | $\$ 403,294.25$ | $\$ 771,691.32$ |
| 20 | $\$ 391,547.81$ | $\$ 391,547.81$ | $\$ 11,746.43$ | $\$ 403,294.25$ | $\$ 391,547.81$ |
|  |  |  |  | $\$ 0.00$ |  |

Total

| Principal | Interest |
| :--- | ---: |
| $\$ 6,000,000.00$ | $\$ 2,065,884.91$ |

Payment
$\$ 8,065,884.91$

* The entire Principal has not been drawn
${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website


## Sample Debenture Amortization Schedule <br> Safety/Security Facility - City Centre Construction

| *Principal | $\$ 18,266,540.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 1,227,798.41$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 18,266,540.00$ |
| 2 | $\$ 17,266,540.00$ | $\$ 679,802.21$ | $\$ 547,996.20$ | $\$ 1,227,798.41$ | $\$ 17,586,737.79$ |
| 3 | $\$ 16,886,541.51$ | $\$ 721,202.17$ | $\$ 506,596.25$ | $\$ 1,227,798.41$ | $\$ 16,886,541.51$ |
| 4 | $\$ 16,165,339.34$ | $\$ 742,838.23$ | $\$ 484,960.18$ | $\$ 1,227,798.41$ | $\$ 16,165,339.34$ |
| 5 | $\$ 15,422,501.11$ | $\$ 765,123.38$ | $\$ 462,675.03$ | $\$ 1,227,798.41$ | $\$ 15,422,501.11$ |
| 6 | $\$ 14,657,377.74$ | $\$ 788,077.08$ | $\$ 439,721.33$ | $\$ 1,227,798.41$ | $\$ 14,657,377.74$ |
| 7 | $\$ 13,869,300.66$ | $\$ 811,719.39$ | $\$ 416,079.02$ | $\$ 1,227,798.41$ | $\$ 13,057,300.66$ |
| 8 | $\$ 13,057,581.26$ | $\$ 836,070.97$ | $\$ 391,727.44$ | $\$ 1,227,798.41$ | $\$ 12,221,510.29$ |
| 9 | $\$ 12,221,510.29$ | $\$ 861,153.10$ | $\$ 366,645.31$ | $\$ 1,227,798.41$ | $\$ 11,360,357.19$ |
| 10 | $\$ 11,360,357.19$ | $\$ 886,987.70$ | $\$ 340,810.72$ | $\$ 1,227,798.41$ | $\$ 10,473,369.49$ |
| 11 | $\$ 10,473,369.49$ | $\$ 913,597.33$ | $\$ 314,201.08$ | $\$ 1,227,798.41$ | $\$ 9,559,772.17$ |
| 12 | $\$ 9,559,772.17$ | $\$ 941,005.25$ | $\$ 286,793.16$ | $\$ 1,227,798.41$ | $\$ 8,618,766.92$ |
| 13 | $\$ 8,618,766.92$ | $\$ 969,235.40$ | $\$ 258,563.01$ | $\$ 1,227,798.41$ | $\$ 7,649,531.52$ |
| 14 | $\$ 7,649,531.52$ | $\$ 998,312.47$ | $\$ 229,485.95$ | $\$ 1,227,798.41$ | $\$ 6,651,219.05$ |
| 15 | $\$ 6,651,219.05$ | $\$ 1,028,261.84$ | $\$ 199,536.57$ | $\$ 1,227,798.41$ | $\$ 5,622,957.21$ |
| 16 | $\$ 5,622,957.21$ | $\$ 1,059,109.70$ | $\$ 168,688.72$ | $\$ 1,227,798.41$ | $\$ 4,563,847.51$ |
| 17 | $\$ 4,563,847.51$ | $\$ 1,090,882.99$ | $\$ 136,915.43$ | $\$ 1,227,798.41$ | $\$ 3,472,964.53$ |
| 18 | $\$ 3,472,964.53$ | $\$ 1,123,609.48$ | $\$ 104,188.94$ | $\$ 1,227,798.41$ | $\$ 2,349,355.05$ |
| 19 | $\$ 2,349,355.05$ | $\$ 1,157,317.76$ | $\$ 70,480.65$ | $\$ 1,227,798.41$ | $\$ 1,192,037.29$ |
| 20 | $\$ 1,192,037.29$ | $\$ 1,192,037.29$ | $\$ 35,761.12$ | $\$ 1,227,798.41$ | $\$ 0.00$ |


|  | Principal | Interest | Payment |
| :---: | :---: | :---: | :---: |
| Total | \$18,266,540.00 | \$6,289,428.23 | \$24,555,968.23 |

[^4]
## Sample Debenture Amortization Schedule

Water/Waste - City Centre Construction

| *Principal | $\$ 6,179,936.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 415,388.77$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 6,179,936.00$ |
| 2 | $\$ 6,179,936.00$ | $\$ 229,990.69$ | $\$ 185,398.08$ | $\$ 415,388.77$ | $\$ 5,949,945.31$ |
| 3 | $\$ 5,713,054.90$ | $\$ 243,997.12$ | $\$ 171,391.65$ | $\$ 415,388.77$ | $\$ 5,713,054.90$ |
| 4 | $\$ 5,469,057.77$ | $\$ 251,317.04$ | $\$ 164,071.73$ | $\$ 415,388.77$ | $\$ 5,469,057.77$ |
| 5 | $\$ 5,217,740.73$ | $\$ 258,856.55$ | $\$ 156,532.22$ | $\$ 415,388.77$ | $\$ 5,217,740.73$ |
| 6 | $\$ 4,958,884.19$ | $\$ 266,622.25$ | $\$ 148,766.53$ | $\$ 415,388.77$ | $\$ 4,958,884.19$ |
| 7 | $\$ 4,692,261.94$ | $\$ 274,620.91$ | $\$ 140,767.86$ | $\$ 415,388.77$ | $\$ 4,692,261.94$ |
| 8 | $\$ 4,417,641.03$ | $\$ 282,859.54$ | $\$ 132,529.23$ | $\$ 415,388.77$ | $\$ 4,417,641.03$ |
| 9 | $\$ 4,134,781.49$ | $\$ 291,345.33$ | $\$ 124,043.44$ | $\$ 415,388.77$ | $\$ 4,134,781.49$ |
| 10 | $\$ 3,843,436.16$ | $\$ 300,085.69$ | $\$ 115,303.08$ | $\$ 415,388.77$ | $\$ 3,843,436.16$ |
| 11 | $\$ 3,543,350.47$ | $\$ 309,088.26$ | $\$ 106,300.51$ | $\$ 415,388.77$ | $\$ 3,543,350.47$ |
| 12 | $\$ 3,234,262.22$ | $\$ 318,360.90$ | $\$ 97,027.87$ | $\$ 415,388.77$ | $\$ 3,234,262.22$ |
| 13 | $\$ 2,915,901.31$ | $\$ 327,911.73$ | $\$ 87,477.04$ | $\$ 415,388.77$ | $\$ 2,915,901.31$ |
| 14 | $\$ 2,587,989.58$ | $\$ 337,749.08$ | $\$ 77,639.69$ | $\$ 415,388.77$ | $\$ 2,587,989.58$ |
| 15 | $\$ 2,250,240.50$ | $\$ 347,881.56$ | $\$ 67,507.21$ | $\$ 415,388.77$ | $\$ 2,250,240.50$ |
| 16 | $\$ 1,902,358.94$ | $\$ 358,318.00$ | $\$ 57,070.77$ | $\$ 415,388.77$ | $\$ 1,902,358.94$ |
| 17 | $\$ 1,544,040.94$ | $\$ 369,067.54$ | $\$ 46,321.23$ | $\$ 415,388.77$ | $\$ 1,544,040.94$ |
| 18 | $\$ 1,174,973.39$ | $\$ 380,139.57$ | $\$ 35,249.20$ | $\$ 415,388.77$ | $\$ 1,174,973.39$ |
| 19 | $\$ 794,833.83$ | $\$ 391,543.76$ | $\$ 23,845.01$ | $\$ 415,388.77$ | $\$ 794,833.83$ |
| 20 | $\$ 403,290.07$ | $\$ 403,290.07$ | $\$ 12,098.70$ | $\$ 415,388.77$ | $\$ 403,290.07$ |
|  |  |  |  | $\$ 0.00$ |  |

Total

| Principal | Interest |
| :--- | ---: |
| $\$ 6,179,936.00$ | $\$ 2,127,839.42$ |

Payment
$\$ 8,307,775.42$

[^5]Sample Debenture Amortization Schedule<br>Jubilee Centre/McMurray Experience - Construction

| *Principal | $\$ 18,045,019.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 1,212,908.72$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 18,045,019.00$ |
| 1 | $\$ 18,045,019.00$ | $\$ 671,558.15$ | $\$ 541,350.57$ | $\$ 1,212,908.72$ | $\$ 17,373,460.85$ |
| 2 | $\$ 17,373,460.85$ | $\$ 691,704.90$ | $\$ 521,203.83$ | $\$ 1,212,908.72$ | $\$ 16,681,755.95$ |
| 3 | $\$ 16,681,755.95$ | $\$ 712,456.04$ | $\$ 500,452.68$ | $\$ 1,212,908.72$ | $\$ 15,969,299.91$ |
| 4 | $\$ 15,969,299.91$ | $\$ 733,829.72$ | $\$ 479,079.00$ | $\$ 1,212,908.72$ | $\$ 15,235,470.19$ |
| 5 | $\$ 15,235,470.19$ | $\$ 755,844.62$ | $\$ 457,064.11$ | $\$ 1,212,908.72$ | $\$ 14,479,625.57$ |
| 6 | $\$ 14,479,625.57$ | $\$ 778,519.95$ | $\$ 434,388.77$ | $\$ 1,212,908.72$ | $\$ 13,701,105.62$ |
| 7 | $\$ 13,701,105.62$ | $\$ 801,875.55$ | $\$ 411,033.17$ | $\$ 1,212,908.72$ | $\$ 12,899,230.07$ |
| 8 | $\$ 12,899,230.07$ | $\$ 825,931.82$ | $\$ 386,976.90$ | $\$ 1,212,908.72$ | $\$ 12,073,298.25$ |
| 9 | $\$ 12,073,298.25$ | $\$ 850,709.77$ | $\$ 362,198.95$ | $\$ 1,212,908.72$ | $\$ 11,222,588.48$ |
| 10 | $\$ 11,222,588.48$ | $\$ 876,231.07$ | $\$ 336,677.65$ | $\$ 1,212,908.72$ | $\$ 10,346,357.41$ |
| 11 | $\$ 10,346,357.41$ | $\$ 902,518.00$ | $\$ 310,390.72$ | $\$ 1,212,908.72$ | $\$ 9,443,839.41$ |
| 12 | $\$ 9,443,839.41$ | $\$ 929,593.54$ | $\$ 283,315.18$ | $\$ 1,212,908.72$ | $\$ 8,514,245.87$ |
| 13 | $\$ 8,514,245.87$ | $\$ 957,481.34$ | $\$ 255,427.38$ | $\$ 1,212,908.72$ | $\$ 7,556,764.53$ |
| 14 | $\$ 7,556,764.53$ | $\$ 986,205.78$ | $\$ 226,702.94$ | $\$ 1,212,908.72$ | $\$ 6,570,558.74$ |
| 15 | $\$ 6,570,558.74$ | $\$ 1,015,791.96$ | $\$ 197,116.76$ | $\$ 1,212,908.72$ | $\$ 5,554,766.79$ |
| 16 | $\$ 5,554,766.79$ | $\$ 1,046,265.72$ | $\$ 166,643.00$ | $\$ 1,212,908.72$ | $\$ 4,508,501.07$ |
| 17 | $\$ 4,508,501.07$ | $\$ 1,077,653.69$ | $\$ 135,255.03$ | $\$ 1,212,908.72$ | $\$ 3,430,847.38$ |
| 18 | $\$ 3,430,847.38$ | $\$ 1,109,983.30$ | $\$ 102,925.42$ | $\$ 1,212,908.72$ | $\$ 2,320,864.08$ |
| 19 | $\$ 2,320,864.08$ | $\$ 1,143,282.80$ | $\$ 69,625.92$ | $\$ 1,212,908.72$ | $\$ 1,177,581.28$ |
| 20 | $\$ 1,177,581.28$ | $\$ 1,177,581.28$ | $\$ 35,327.44$ | $\$ 1,212,908.72$ | $\$ 0.00$ |


|  |  | Principal | Interest |
| :--- | :--- | ---: | ---: |
| Total | $\$ 18,045,019.00$ | $\$ 6,213,155.41$ | $\$ 24,258,174.41$ |

[^6]
## Sample Debenture Amortization Schedule

Performing and Visual Arts Centre - Pre-Construction

| *Principal | $\$ 29,449,345.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 1,979,458.56$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | :--- | :--- | :--- | :--- |
|  |  |  |  |  | $\$ 29,449,345.00$ |
| 1 | $\$ 29,449,345.00$ | $\$ 1,095,978.21$ | $\$ 883,480.35$ | $\$ 1,979,458.56$ | $\$ 28,353,366.79$ |
| 2 | $\$ 28,353,366.79$ | $\$ 1,128,857.56$ | $\$ 850,601.00$ | $\$ 1,979,458.56$ | $\$ 27,224,509.23$ |
| 3 | $\$ 27,224,509.23$ | $\$ 1,162,723.29$ | $\$ 816,735.28$ | $\$ 1,979,458.56$ | $\$ 26,061,785.94$ |
| 4 | $\$ 26,061,785.94$ | $\$ 1,197,604.98$ | $\$ 781,853.58$ | $\$ 1,979,458.56$ | $\$ 24,864,180.96$ |
| 5 | $\$ 24,864,180.96$ | $\$ 1,233,533.13$ | $\$ 745,925.43$ | $\$ 1,979,458.56$ | $\$ 23,630,647.83$ |
| 6 | $\$ 23,630,647.83$ | $\$ 1,270,539.13$ | $\$ 708,919.43$ | $\$ 1,979,458.56$ | $\$ 22,360,108.70$ |
| 7 | $\$ 22,360,108.70$ | $\$ 1,308,655.30$ | $\$ 670,803.26$ | $\$ 1,979,458.56$ | $\$ 21,051,453.40$ |
| 8 | $\$ 21,051,453.40$ | $\$ 1,347,914.96$ | $\$ 631,543.60$ | $\$ 1,979,458.56$ | $\$ 19,703,538.44$ |
| 9 | $\$ 19,703,538.44$ | $\$ 1,388,352.41$ | $\$ 591,106.15$ | $\$ 1,979,458.56$ | $\$ 18,315,186.03$ |
| 10 | $\$ 18,315,186.03$ | $\$ 1,430,002.98$ | $\$ 549,455.58$ | $\$ 1,979,458.56$ | $\$ 16,885,183.04$ |
| 11 | $\$ 16,885,183.04$ | $\$ 1,472,903.07$ | $\$ 506,555.49$ | $\$ 1,979,458.56$ | $\$ 15,412,279.97$ |
| 12 | $\$ 15,412,279.97$ | $\$ 1,517,090.16$ | $\$ 462,368.40$ | $\$ 1,979,458.56$ | $\$ 13,895,189.81$ |
| 13 | $\$ 13,895,189.81$ | $\$ 1,562,602.87$ | $\$ 416,855.69$ | $\$ 1,979,458.56$ | $\$ 12,332,586.94$ |
| 14 | $\$ 12,332,586.94$ | $\$ 1,609,480.95$ | $\$ 369,977.61$ | $\$ 1,979,458.56$ | $\$ 10,723,105.99$ |
| 15 | $\$ 10,723,105.99$ | $\$ 1,657,765.38$ | $\$ 321,693.18$ | $\$ 1,979,458.56$ | $\$ 9,065,340.61$ |
| 16 | $\$ 9,065,340.61$ | $\$ 1,707,498.34$ | $\$ 271,960.22$ | $\$ 1,979,458.56$ | $\$ 7,357,842.26$ |
| 17 | $\$ 7,357,842.26$ | $\$ 1,758,723.29$ | $\$ 220,735.27$ | $\$ 1,979,458.56$ | $\$ 5,599,118.97$ |
| 18 | $\$ 5,599,118.97$ | $\$ 1,811,484.99$ | $\$ 167,973.57$ | $\$ 1,979,458.56$ | $\$ 3,787,633.97$ |
| 19 | $\$ 3,787,633.97$ | $\$ 1,865,829.54$ | $\$ 113,629.02$ | $\$ 1,979,458.56$ | $\$ 1,921,804.43$ |
| 20 | $\$ 1,921,804.43$ | $\$ 1,921,804.43$ | $\$ 57,654.13$ | $\$ 1,979,458.56$ | $(\$ 0.00)$ |
|  |  |  |  |  |  |

Total

| Principal | Interest |
| :--- | ---: |
| $\$ 29,449,345.00$ | $\$ 10,139,826.25$ |

Payment $\$ 39,589,171.25$

[^7]
## Sample Debenture Amortization Schedule

Sports \& Entertainment Arena - Pre-Construction

| *Principal | $\$ 25,746,331.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 1,730,557.86$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 25,746,331.00$ |
| 1 | $\$ 25,746,331.00$ | $\$ 958,167.93$ | $\$ 772,389.93$ | $\$ 1,730,557.86$ | $\$ 24,788,163.07$ |
| 2 | $\$ 24,788,163.07$ | $\$ 986,912.96$ | $\$ 743,644.89$ | $\$ 1,730,557.86$ | $\$ 23,801,250.11$ |
| 3 | $\$ 23,801,250.11$ | $\$ 1,016,520.35$ | $\$ 714,037.50$ | $\$ 1,730,557.86$ | $\$ 22,784,729.76$ |
| 4 | $\$ 22,784,729.76$ | $\$ 1,047,015.96$ | $\$ 683,541.89$ | $\$ 1,730,557.86$ | $\$ 21,737,713.79$ |
| 5 | $\$ 21,737,713.79$ | $\$ 1,078,426.44$ | $\$ 652,131.41$ | $\$ 1,730,557.86$ | $\$ 20,659,287.35$ |
| 6 | $\$ 20,659,287.35$ | $\$ 1,110,779.24$ | $\$ 619,778.62$ | $\$ 1,730,557.86$ | $\$ 19,548,508.12$ |
| 7 | $\$ 19,548,508.12$ | $\$ 1,144,102.61$ | $\$ 586,455.24$ | $\$ 1,730,557.86$ | $\$ 18,404,405.50$ |
| 8 | $\$ 18,404,405.50$ | $\$ 1,178,425.69$ | $\$ 552,132.17$ | $\$ 1,730,557.86$ | $\$ 17,225,979.81$ |
| 9 | $\$ 17,225,979.81$ | $\$ 1,213,778.46$ | $\$ 516,779.39$ | $\$ 1,730,557.86$ | $\$ 16,012,201.35$ |
| 10 | $\$ 16,012,201.35$ | $\$ 1,250,191.82$ | $\$ 480,366.04$ | $\$ 1,730,557.86$ | $\$ 14,762,009.53$ |
| 11 | $\$ 14,762,009.53$ | $\$ 1,287,697.57$ | $\$ 442,860.29$ | $\$ 1,730,557.86$ | $\$ 13,474,311.96$ |
| 12 | $\$ 13,474,311.96$ | $\$ 1,326,328.50$ | $\$ 404,229.36$ | $\$ 1,730,557.86$ | $\$ 12,147,983.47$ |
| 13 | $\$ 12,147,983.47$ | $\$ 1,366,118.35$ | $\$ 364,439.50$ | $\$ 1,730,557.86$ | $\$ 10,781,865.11$ |
| 14 | $\$ 10,781,865.11$ | $\$ 1,407,101.90$ | $\$ 323,455.95$ | $\$ 1,730,557.86$ | $\$ 9,374,763.21$ |
| 15 | $\$ 9,374,763.21$ | $\$ 1,449,314.96$ | $\$ 281,242.90$ | $\$ 1,730,557.86$ | $\$ 7,925,448.25$ |
| 16 | $\$ 7,925,448.25$ | $\$ 1,492,794.41$ | $\$ 237,763.45$ | $\$ 1,730,557.86$ | $\$ 6,432,653.84$ |
| 17 | $\$ 6,432,653.84$ | $\$ 1,537,578.24$ | $\$ 192,979.62$ | $\$ 1,730,557.86$ | $\$ 4,895,075.60$ |
| 18 | $\$ 4,895,075.60$ | $\$ 1,583,705.59$ | $\$ 146,852.27$ | $\$ 1,730,557.86$ | $\$ 3,311,370.01$ |
| 19 | $\$ 3,311,370.01$ | $\$ 1,631,216.76$ | $\$ 99,341.10$ | $\$ 1,730,557.86$ | $\$ 1,680,153.26$ |
| 20 | $\$ 1,680,153.26$ | $\$ 1,680,153.26$ | $\$ 50,404.60$ | $\$ 1,730,557.86$ | $\$ 0.00$ |
|  |  |  |  |  |  |


|  | Principal | Interest | Payment |
| :--- | :--- | ---: | ---: |
| Total | $\$ 25,746,331.00$ | $\$ 8,864,826.12$ | $\$ 34,611,157.12$ |

[^8]
## Sample Debenture Amortization Schedule <br> MacDonald Island Bridge Construction

| *Principal | $\$ 67,073,670.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 4,508,404.19$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 67,073,670.00$ |
| 1 | $\$ 67,073,670.00$ | $\$ 2,496,194.09$ | $\$ 2,012,210.10$ | $\$ 4,508,404.19$ | $\$ 64,577,475.91$ |
| 2 | $\$ 64,577,475.91$ | $\$ 2,571,079.91$ | $\$ 1,937,324.28$ | $\$ 4,508,404.19$ | $\$ 62,006,396.00$ |
| 3 | $\$ 62,006,396.00$ | $\$ 2,648,212.31$ | $\$ 1,860,191.88$ | $\$ 4,508,404.19$ | $\$ 59,358,183.69$ |
| 4 | $\$ 59,358,183.69$ | $\$ 2,727,658.68$ | $\$ 1,780,745.51$ | $\$ 4,508,404.19$ | $\$ 56,630,525.01$ |
| 5 | $\$ 56,630,525.01$ | $\$ 2,809,488.44$ | $\$ 1,698,915.75$ | $\$ 4,508,404.19$ | $\$ 53,821,036.57$ |
| 6 | $\$ 53,821,036.57$ | $\$ 2,893,773.09$ | $\$ 1,614,631.10$ | $\$ 4,508,404.19$ | $\$ 50,927,263.47$ |
| 7 | $\$ 50,927,263.47$ | $\$ 2,980,586.29$ | $\$ 1,527,817.90$ | $\$ 4,508,404.19$ | $\$ 47,946,677.19$ |
| 8 | $\$ 47,946,677.19$ | $\$ 3,070,003.87$ | $\$ 1,438,400.32$ | $\$ 4,508,404.19$ | $\$ 44,876,673.31$ |
| 9 | $\$ 44,876,673.31$ | $\$ 3,162,103.99$ | $\$ 1,346,300.20$ | $\$ 4,508,404.19$ | $\$ 41,714,569.32$ |
| 10 | $\$ 41,714,569.32$ | $\$ 3,256,967.11$ | $\$ 1,251,437.08$ | $\$ 4,508,404.19$ | $\$ 38,457,602.21$ |
| 11 | $\$ 38,457,602.21$ | $\$ 3,354,676.12$ | $\$ 1,153,728.07$ | $\$ 4,508,404.19$ | $\$ 35,102,926.09$ |
| 12 | $\$ 35,102,926.09$ | $\$ 3,455,316.41$ | $\$ 1,053,087.78$ | $\$ 4,508,404.19$ | $\$ 31,647,609.68$ |
| 13 | $\$ 31,647,609.68$ | $\$ 3,558,975.90$ | $\$ 949,428.29$ | $\$ 4,508,404.19$ | $\$ 28,088,633.78$ |
| 14 | $\$ 28,088,633.78$ | $\$ 3,665,745.18$ | $\$ 842,659.01$ | $\$ 4,508,404.19$ | $\$ 24,422,888.60$ |
| 15 | $\$ 24,422,888.60$ | $\$ 3,775,717.53$ | $\$ 732,686.66$ | $\$ 4,508,404.19$ | $\$ 20,647,171.07$ |
| 16 | $\$ 20,647,171.07$ | $\$ 3,888,989.06$ | $\$ 619,415.13$ | $\$ 4,508,404.19$ | $\$ 16,758,182.01$ |
| 17 | $\$ 16,758,182.01$ | $\$ 4,005,658.73$ | $\$ 502,745.46$ | $\$ 4,508,404.19$ | $\$ 12,752,523.28$ |
| 18 | $\$ 12,752,523.28$ | $\$ 4,125,828.49$ | $\$ 382,575.70$ | $\$ 4,508,404.19$ | $\$ 8,626,694.79$ |
| 19 | $\$ 8,626,694.79$ | $\$ 4,249,603.35$ | $\$ 258,800.84$ | $\$ 4,508,404.19$ | $\$ 4,377,091.45$ |
| 20 | $\$ 4,377,091.45$ | $\$ 4,377,091.45$ | $\$ 131,312.74$ | $\$ 4,508,404.19$ | $\$ 0.00$ |
|  |  |  |  |  |  |

Total

| Principal | Interest |
| :--- | ---: |
| $\$ 67,073,670.00$ | $\$ 23,094,413.80$ |

Payment
\$90,168,083.80

* The entire Principal has not been drawn
${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website


## Sample Debenture Amortization Schedule

Rural Infrastructure Rehabilitation

| *Principal | $\$ 12,500,000.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 840,196.34$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | $\$ 12,500,000.00$ | $\$ 465,196.34$ | $\$ 375,000.00$ | $\$ 840,196.34$ | $\$ 12,500,000.00$ |
| 2 | $\$ 12,034,803.66$ | $\$ 479,152.24$ | $\$ 361,044.11$ | $\$ 840,196.34$ | $\$ 12,034,803.66$ |
| 3 | $\$ 11,555,651.42$ | $\$ 493,526.80$ | $\$ 346,669.54$ | $\$ 840,196.34$ | $\$ 11,062,124.62$ |
| 4 | $\$ 11,062,124.62$ | $\$ 508,332.61$ | $\$ 331,863.74$ | $\$ 840,196.34$ | $\$ 10,553,792.01$ |
| 5 | $\$ 10,553,792.01$ | $\$ 523,582.58$ | $\$ 316,613.76$ | $\$ 840,196.34$ | $\$ 10,030,209.43$ |
| 6 | $\$ 10,030,209.43$ | $\$ 539,290.06$ | $\$ 300,906.28$ | $\$ 840,196.34$ | $\$ 9,490,919.36$ |
| 7 | $\$ 9,490,919.36$ | $\$ 555,468.76$ | $\$ 284,727.58$ | $\$ 840,196.34$ | $\$ 8,935,450.60$ |
| 8 | $\$ 8,935,450.60$ | $\$ 572,132.83$ | $\$ 268,063.52$ | $\$ 840,196.34$ | $\$ 8,363,317.77$ |
| 9 | $\$ 8,363,317.77$ | $\$ 589,296.81$ | $\$ 250,899.53$ | $\$ 840,196.34$ | $\$ 7,774,020.96$ |
| 10 | $\$ 7,774,020.96$ | $\$ 606,975.72$ | $\$ 233,220.63$ | $\$ 840,196.34$ | $\$ 7,167,045.25$ |
| 11 | $\$ 7,167,045.25$ | $\$ 625,184.99$ | $\$ 215,011.36$ | $\$ 840,196.34$ | $\$ 6,541,860.26$ |
| 12 | $\$ 6,541,860.26$ | $\$ 643,940.54$ | $\$ 196,255.81$ | $\$ 840,196.34$ | $\$ 5,897,919.72$ |
| 13 | $\$ 5,897,919.72$ | $\$ 663,258.75$ | $\$ 176,937.59$ | $\$ 840,196.34$ | $\$ 5,234,660.97$ |
| 14 | $\$ 5,234,660.97$ | $\$ 683,156.52$ | $\$ 157,039.83$ | $\$ 840,196.34$ | $\$ 4,551,504.45$ |
| 15 | $\$ 4,551,504.45$ | $\$ 703,651.21$ | $\$ 136,545.13$ | $\$ 840,196.34$ | $\$ 3,847,853.24$ |
| 16 | $\$ 3,847,853.24$ | $\$ 724,760.75$ | $\$ 115,435.60$ | $\$ 840,196.34$ | $\$ 3,123,092.49$ |
| 17 | $\$ 3,123,092.49$ | $\$ 746,503.57$ | $\$ 93,692.77$ | $\$ 840,196.34$ | $\$ 2,376,588.92$ |
| 18 | $\$ 2,376,588.92$ | $\$ 768,898.68$ | $\$ 71,297.67$ | $\$ 840,196.34$ | $\$ 1,607,690.24$ |
| 19 | $\$ 1,607,690.24$ | $\$ 791,965.64$ | $\$ 48,230.71$ | $\$ 840,196.34$ | $\$ 815,724.61$ |
| 20 | $\$ 815,724.61$ | $\$ 815,724.61$ | $\$ 24,471.74$ | $\$ 840,196.34$ | $\$ 0.00$ |
|  |  |  |  |  |  |


|  | Principal | Interest | Payment |
| :---: | :---: | :---: | :---: |
| Total | \$12,500,000.00 | \$4,303,926.90 | \$16,803,926.90 |

[^9]
## Sample Debenture Amortization Schedule

Regional Landfill - Lateral Expansion of Cells 1, 2 \& 3

| $*$ Principal | $\$ 5,700,000.00$ |
| :--- | ---: |
| $* *$ Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 383,129.53$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | $\$ 5,700,000.00$ | $\$ 212,129.53$ | $\$ 171,000.00$ | $\$ 383,129.53$ | $\$ 5,700,000.00$ |
| 2 | $\$ 5,487,870.47$ | $\$ 218,493.42$ | $\$ 164,636.11$ | $\$ 383,129.53$ | $\$ 5,487,870.47$ |
| 3 | $\$ 5,269,377.05$ | $\$ 225,048.22$ | $\$ 158,081.31$ | $\$ 383,129.53$ | $\$ 5,269,377.05$ |
| 4 | $\$ 5,044,328.83$ | $\$ 231,799.67$ | $\$ 151,329.86$ | $\$ 383,129.53$ | $\$ 5,044,328.83$ |
| 5 | $\$ 4,812,529.16$ | $\$ 238,753.66$ | $\$ 144,375.87$ | $\$ 383,129.53$ | $\$ 4,812,529.16$ |
| 6 | $\$ 4,573,775.50$ | $\$ 245,916.27$ | $\$ 137,213.26$ | $\$ 383,129.53$ | $\$ 4,573,775.50$ |
| 7 | $\$ 4,327,859.23$ | $\$ 253,293.76$ | $\$ 129,835.78$ | $\$ 383,129.53$ | $\$ 4,327,859.23$ |
| 8 | $\$ 4,074,565.47$ | $\$ 260,892.57$ | $\$ 122,236.96$ | $\$ 383,129.53$ | $\$ 4,074,565.47$ |
| 9 | $\$ 3,813,672.90$ | $\$ 268,719.35$ | $\$ 114,410.19$ | $\$ 383,129.53$ | $\$ 3,813,672.90$ |
| 10 | $\$ 3,544,953.56$ | $\$ 276,780.93$ | $\$ 106,348.61$ | $\$ 383,129.53$ | $\$ 3,544,953.56$ |
| 11 | $\$ 3,268,172.63$ | $\$ 285,084.35$ | $\$ 98,045.18$ | $\$ 383,129.53$ | $\$ 3,268,172.63$ |
| 12 | $\$ 2,983,088.28$ | $\$ 293,636.88$ | $\$ 89,492.65$ | $\$ 383,129.53$ | $\$ 2,983,088.28$ |
| 13 | $\$ 2,689,451.39$ | $\$ 302,445.99$ | $\$ 80,683.54$ | $\$ 383,129.53$ | $\$ 2,689,451.39$ |
| 14 | $\$ 2,387,005.40$ | $\$ 311,519.37$ | $\$ 71,610.16$ | $\$ 383,129.53$ | $\$ 2,387,005.40$ |
| 15 | $\$ 2,075,486.03$ | $\$ 320,864.95$ | $\$ 62,264.58$ | $\$ 383,129.53$ | $\$ 2,075,486.03$ |
| 16 | $\$ 1,754,621.08$ | $\$ 330,490.90$ | $\$ 52,638.63$ | $\$ 383,129.53$ | $\$ 1,754,621.08$ |
| 17 | $\$ 1,424,130.18$ | $\$ 340,405.63$ | $\$ 42,723.91$ | $\$ 383,129.53$ | $\$ 1,424,130.18$ |
| 18 | $\$ 1,083,724.55$ | $\$ 350,617.80$ | $\$ 32,511.74$ | $\$ 383,129.53$ | $\$ 1,083,724.55$ |
| 19 | $\$ 733,106.75$ | $\$ 361,136.33$ | $\$ 21,993.20$ | $\$ 383,129.53$ | $\$ 733,106.75$ |
| 20 | $\$ 371,970.42$ | $\$ 371,970.42$ | $\$ 11,159.11$ | $\$ 383,129.53$ | $\$ 371,970.42$ |
|  |  |  |  | $\$ 0.00$ |  |

Total

| Principal | Interest | Payment |
| :---: | ---: | ---: |
| $\$ 5,700,000.00$ | $\$ 1,962,590.67$ | $\$ 7,662,590.67$ |

[^10]
## Sample Debenture Amortization Schedule <br> Southwest Water Supply Line - Design

| *Principal |  |  | \$5,000,000.00 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| **Budgeted Interest for 20 year debt |  |  | $3.000 \%$ |  |  |
| Term |  |  | 20 |  |  |
| Annual Payments |  |  | \$336,078.54 |  |  |
| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
|  |  |  |  |  | \$5,000,000.00 |
| 1 | \$5,000,000.00 | \$186,078.54 | \$150,000.00 | \$336,078.54 | \$4,813,921.46 |
| 2 | \$4,813,921.46 | \$191,660.89 | \$144,417.64 | \$336,078.54 | \$4,622,260.57 |
| 3 | \$4,622,260.57 | \$197,410.72 | \$138,667.82 | \$336,078.54 | \$4,424,849.85 |
| 4 | \$4,424,849.85 | \$203,333.04 | \$132,745.50 | \$336,078.54 | \$4,221,516.80 |
| 5 | \$4,221,516.80 | \$209,433.03 | \$126,645.50 | \$336,078.54 | \$4,012,083.77 |
| 6 | \$4,012,083.77 | \$215,716.02 | \$120,362.51 | \$336,078.54 | \$3,796,367.75 |
| 7 | \$3,796,367.75 | \$222,187.51 | \$113,891.03 | \$336,078.54 | \$3,574,180.24 |
| 8 | \$3,574,180.24 | \$228,853.13 | \$107,225.41 | \$336,078.54 | \$3,345,327.11 |
| 9 | \$3,345,327.11 | \$235,718.72 | \$100,359.81 | \$336,078.54 | \$3,109,608.38 |
| 10 | \$3,109,608.38 | \$242,790.29 | \$93,288.25 | \$336,078.54 | \$2,866,818.10 |
| 11 | \$2,866,818.10 | \$250,074.00 | \$86,004.54 | \$336,078.54 | \$2,616,744.10 |
| 12 | \$2,616,744.10 | \$257,576.21 | \$78,502.32 | \$336,078.54 | \$2,359,167.89 |
| 13 | \$2,359,167.89 | \$265,303.50 | \$70,775.04 | \$336,078.54 | \$2,093,864.39 |
| 14 | \$2,093,864.39 | \$273,262.61 | \$62,815.93 | \$336,078.54 | \$1,820,601.78 |
| 15 | \$1,820,601.78 | \$281,460.48 | \$54,618.05 | \$336,078.54 | \$1,539,141.30 |
| 16 | \$1,539,141.30 | \$289,904.30 | \$46,174.24 | \$336,078.54 | \$1,249,237.00 |
| 17 | \$1,249,237.00 | \$298,601.43 | \$37,477.11 | \$336,078.54 | \$950,635.57 |
| 18 | \$950,635.57 | \$307,559.47 | \$28,519.07 | \$336,078.54 | \$643,076.10 |
| 19 | \$643,076.10 | \$316,786.26 | \$19,292.28 | \$336,078.54 | \$326,289.84 |
| 20 | \$326,289.84 | \$326,289.84 | \$9,788.70 | \$336,078.54 | \$0.00 |

Total

| Principal | Interest |
| :--- | ---: |
| $\$ 5,000,000.00$ | $\$ 1,721,570.76$ |

Payment
$\$ 6,721,570.76$

* The entire Principal has not been drawn
${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website


## Sample Debenture Amortization Schedule

MacDonald Island Utility Expansion Construction

| *Principal | $\$ 19,000,000.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 1,277,098.44$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 19,000,000.00$ |
| 1 | $\$ 19,000,000.00$ | $\$ 707,098.44$ | $\$ 570,000.00$ | $\$ 1,277,098.44$ | $\$ 18,292,901.56$ |
| 2 | $\$ 18,292,901.56$ | $\$ 728,311.40$ | $\$ 548,787.05$ | $\$ 1,277,098.44$ | $\$ 17,564,590.16$ |
| 3 | $\$ 17,564,590.16$ | $\$ 750,160.74$ | $\$ 526,937.70$ | $\$ 1,277,098.44$ | $\$ 16,814,429.42$ |
| 4 | $\$ 16,814,429.42$ | $\$ 772,665.56$ | $\$ 504,432.88$ | $\$ 1,277,098.44$ | $\$ 16,041,763.86$ |
| 5 | $\$ 16,041,763.86$ | $\$ 795,845.53$ | $\$ 481,252.92$ | $\$ 1,277,098.44$ | $\$ 15,245,918.33$ |
| 6 | $\$ 15,245,918.33$ | $\$ 819,720.89$ | $\$ 457,377.55$ | $\$ 1,277,098.44$ | $\$ 14,426,197.43$ |
| 7 | $\$ 14,426,197.43$ | $\$ 844,312.52$ | $\$ 432,785.92$ | $\$ 1,277,098.44$ | $\$ 13,581,884.91$ |
| 8 | $\$ 13,581,884.91$ | $\$ 869,641.90$ | $\$ 407,456.55$ | $\$ 1,277,098.44$ | $\$ 12,712,243.02$ |
| 9 | $\$ 12,712,243.02$ | $\$ 895,731.15$ | $\$ 381,367.29$ | $\$ 1,277,098.44$ | $\$ 11,816,511.86$ |
| 10 | $\$ 11,816,511.86$ | $\$ 922,603.09$ | $\$ 354,495.36$ | $\$ 1,277,098.44$ | $\$ 10,893,908.77$ |
| 11 | $\$ 10,893,908.77$ | $\$ 950,281.18$ | $\$ 326,817.26$ | $\$ 1,277,098.44$ | $\$ 9,943,627.59$ |
| 12 | $\$ 9,943,627.59$ | $\$ 978,789.62$ | $\$ 298,308.83$ | $\$ 1,277,098.44$ | $\$ 8,964,837.98$ |
| 13 | $\$ 8,964,837.98$ | $\$ 1,008,153.31$ | $\$ 268,945.14$ | $\$ 1,277,098.44$ | $\$ 7,956,684.67$ |
| 14 | $\$ 7,956,684.67$ | $\$ 1,038,397.90$ | $\$ 238,700.54$ | $\$ 1,277,098.44$ | $\$ 6,918,286.77$ |
| 15 | $\$ 6,918,286.77$ | $\$ 1,069,549.84$ | $\$ 207,548.60$ | $\$ 1,277,098.44$ | $\$ 5,848,736.92$ |
| 16 | $\$ 5,848,736.92$ | $\$ 1,101,636.34$ | $\$ 175,462.11$ | $\$ 1,277,098.44$ | $\$ 4,747,100.59$ |
| 17 | $\$ 4,747,100.59$ | $\$ 1,134,685.43$ | $\$ 142,413.02$ | $\$ 1,277,098.44$ | $\$ 3,612,415.16$ |
| 18 | $\$ 3,612,415.16$ | $\$ 1,168,725.99$ | $\$ 108,372.45$ | $\$ 1,277,098.44$ | $\$ 2,443,689.17$ |
| 19 | $\$ 2,443,689.17$ | $\$ 1,203,787.77$ | $\$ 73,310.68$ | $\$ 1,277,098.44$ | $\$ 1,239,901.40$ |
| 20 | $\$ 1,239,901.40$ | $\$ 1,239,901.40$ | $\$ 37,197.04$ | $\$ 1,277,098.44$ | $\$ 0.00$ |
|  |  |  |  |  |  |


|  | Principal | Interest | Payment |
| :---: | :---: | :---: | :---: |
| Total | \$19,000,000.00 | \$6,541,968.89 | \$25,541,968.89 |

[^11]
## Sample Debenture Amortization Schedule

MacDonald Island Bridge Pre-Construction

| *Principal | $\$ 9,389,425.00$ |
| :--- | ---: |
| **Budgeted Interest for 20 year debt | $3.000 \%$ |
| Term | 20 |
| Annual Payments | $\$ 631,116.85$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 9,389,425.00$ |
| 1 | $\$ 9,389,425.00$ | $\$ 349,434.10$ | $\$ 281,682.75$ | $\$ 631,116.85$ | $\$ 9,039,990.90$ |
| 2 | $\$ 9,039,990.90$ | $\$ 359,917.12$ | $\$ 271,199.73$ | $\$ 631,116.85$ | $\$ 8,680,073.79$ |
| 3 | $\$ 8,680,073.79$ | $\$ 370,714.63$ | $\$ 260,402.21$ | $\$ 631,116.85$ | $\$ 8,309,359.15$ |
| 4 | $\$ 8,309,359.15$ | $\$ 381,836.07$ | $\$ 249,280.77$ | $\$ 631,116.85$ | $\$ 7,927,523.08$ |
| 5 | $\$ 7,927,523.08$ | $\$ 393,291.15$ | $\$ 237,825.69$ | $\$ 631,116.85$ | $\$ 7,534,231.93$ |
| 6 | $\$ 7,534,231.93$ | $\$ 405,089.89$ | $\$ 226,026.96$ | $\$ 631,116.85$ | $\$ 7,129,142.04$ |
| 7 | $\$ 7,129,142.04$ | $\$ 417,242.58$ | $\$ 213,874.26$ | $\$ 631,116.85$ | $\$ 6,711,899.46$ |
| 8 | $\$ 6,711,899.46$ | $\$ 429,759.86$ | $\$ 201,356.98$ | $\$ 631,116.85$ | $\$ 6,282,139.60$ |
| 9 | $\$ 6,282,139.60$ | $\$ 442,652.66$ | $\$ 188,464.19$ | $\$ 631,116.85$ | $\$ 5,839,486.94$ |
| 10 | $\$ 5,839,486.94$ | $\$ 455,932.24$ | $\$ 175,184.61$ | $\$ 631,116.85$ | $\$ 5,383,554.70$ |
| 11 | $\$ 5,383,554.70$ | $\$ 469,610.20$ | $\$ 161,506.64$ | $\$ 631,116.85$ | $\$ 4,913,944.50$ |
| 12 | $\$ 4,913,944.50$ | $\$ 483,698.51$ | $\$ 147,418.33$ | $\$ 631,116.85$ | $\$ 4,430,245.99$ |
| 13 | $\$ 4,430,245.99$ | $\$ 498,209.47$ | $\$ 132,907.38$ | $\$ 631,116.85$ | $\$ 3,932,036.52$ |
| 14 | $\$ 3,932,036.52$ | $\$ 513,155.75$ | $\$ 117,961.10$ | $\$ 631,116.85$ | $\$ 3,418,880.77$ |
| 15 | $\$ 3,418,880.77$ | $\$ 528,550.42$ | $\$ 102,566.42$ | $\$ 631,116.85$ | $\$ 2,890,330.35$ |
| 16 | $\$ 2,890,330.35$ | $\$ 544,406.93$ | $\$ 86,709.91$ | $\$ 631,116.85$ | $\$ 2,345,923.42$ |
| 17 | $\$ 2,345,923.42$ | $\$ 560,739.14$ | $\$ 70,377.70$ | $\$ 631,116.85$ | $\$ 1,785,184.27$ |
| 18 | $\$ 1,785,184.27$ | $\$ 577,561.32$ | $\$ 53,555.53$ | $\$ 631,116.85$ | $\$ 1,207,622.96$ |
| 19 | $\$ 1,207,622.96$ | $\$ 594,888.16$ | $\$ 36,228.69$ | $\$ 631,116.85$ | $\$ 612,734.80$ |
| 20 | $\$ 612,734.80$ | $\$ 612,734.80$ | $\$ 18,382.04$ | $\$ 631,116.85$ | $\$ 0.00$ |
|  |  |  |  |  |  |

Total

| Principal | Interest |
| :---: | ---: |
| $\$ 9,389,425.00$ | $\$ 3,232,911.91$ |

Payment \$12,622,336.91

[^12]| Sample Debenture Amortization Schedule |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fort Chipewyan Richardson River Bridge Replacement - Construction |  |  |  |  |  |
| *Principal |  |  | \$4,300,000.00 |  |  |
| **Budgeted Interest for 10 year debt |  |  | 2.200\% |  |  |
| Term |  |  | 10 |  |  |
| Annual Payments |  |  | \$483,727.02 |  |  |
| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
|  |  |  |  |  | \$4,300,000.00 |
| 1 | \$4,300,000.00 | \$389,127.02 | \$94,600.00 | \$483,727.02 | \$3,910,872.98 |
| 2 | \$3,910,872.98 | \$397,687.82 | \$86,039.21 | \$483,727.02 | \$3,513,185.16 |
| 3 | \$3,513,185.16 | \$406,436.95 | \$77,290.07 | \$483,727.02 | \$3,106,748.21 |
| 4 | \$3,106,748.21 | \$415,378.56 | \$68,348.46 | \$483,727.02 | \$2,691,369.65 |
| 5 | \$2,691,369.65 | \$424,516.89 | \$59,210.13 | \$483,727.02 | \$2,266,852.76 |
| 6 | \$2,266,852.76 | \$433,856.26 | \$49,870.76 | \$483,727.02 | \$1,832,996.49 |
| 7 | \$1,832,996.49 | \$443,401.10 | \$40,325.92 | \$483,727.02 | \$1,389,595.39 |
| 8 | \$1,389,595.39 | \$453,155.92 | \$30,571.10 | \$483,727.02 | \$936,439.47 |
| 9 | \$936,439.47 | \$463,125.35 | \$20,601.67 | \$483,727.02 | \$473,314.11 |
| 10 | \$473,314.11 | \$473,314.11 | \$10,412.91 | \$483,727.02 | \$0.00 |
|  |  | Principal | Interest | Payment |  |
|  | Total | \$4,300,000.00 | \$537,270.23 | \$4,837,270.23 |  |

[^13]
## Sample Debenture Amortization Schedule

Business Incubator Construction - City Centre

| *Principal |  |  | \$10,906,143.00 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| **Budgeted Interest for 10 year debt |  |  | $2.200 \%$ |  |  |
| Term |  |  | 10 |  |  |
| Annual Payments |  |  | \$1,226,882.81 |  |  |
| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
|  |  |  |  |  | \$10,906,143.00 |
| 1 | \$10,906,143.00 | \$986,947.67 | \$239,935.15 | \$1,226,882.81 | \$9,919,195.33 |
| 2 | \$9,919,195.33 | \$1,008,660.51 | \$218,222.30 | \$1,226,882.81 | \$8,910,534.82 |
| 3 | \$8,910,534.82 | \$1,030,851.05 | \$196,031.77 | \$1,226,882.81 | \$7,879,683.78 |
| 4 | \$7,879,683.78 | \$1,053,529.77 | \$173,353.04 | \$1,226,882.81 | \$6,826,154.01 |
| 5 | \$6,826,154.01 | \$1,076,707.42 | \$150,175.39 | \$1,226,882.81 | \$5,749,446.58 |
| 6 | \$5,749,446.58 | \$1,100,394.99 | \$126,487.82 | \$1,226,882.81 | \$4,649,051.60 |
| 7 | \$4,649,051.60 | \$1,124,603.68 | \$102,279.14 | \$1,226,882.81 | \$3,524,447.92 |
| 8 | \$3,524,447.92 | \$1,149,344.96 | \$77,537.85 | \$1,226,882.81 | \$2,375,102.96 |
| 9 | \$2,375,102.96 | \$1,174,630.55 | \$52,252.27 | \$1,226,882.81 | \$1,200,472.42 |
| 10 | \$1,200,472.42 | \$1,200,472.42 | \$26,410.39 | \$1,226,882.81 | \$0.00 |


|  | Principal | Interest | Payment |
| :--- | :--- | ---: | ---: |
| Total | $\$ 10,906,143.00$ | $\$ 1,362,685.11$ | $\$ 12,268,828.11$ |

[^14]
## Sample Debenture Amortization Schedule

Arts and Events - City Centre

| *Princi |  |  | \$6,523,943.00 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| **Budg | ed Interest for 10 year |  | 2.200\% |  |  |
| Term |  |  | 10 |  |  |
| Annual | ayments |  | \$733,908.73 |  |  |
| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
|  |  |  |  |  | \$6,523,943.00 |
| 1 | \$6,523,943.00 | \$590,381.98 | \$143,526.75 | \$733,908.73 | \$5,933,561.02 |
| 2 | \$5,933,561.02 | \$603,370.38 | \$130,538.34 | \$733,908.73 | \$5,330,190.63 |
| 3 | \$5,330,190.63 | \$616,644.53 | \$117,264.19 | \$733,908.73 | \$4,713,546.10 |
| 4 | \$4,713,546.10 | \$630,210.71 | \$103,698.01 | \$733,908.73 | \$4,083,335.39 |
| 5 | \$4,083,335.39 | \$644,075.35 | \$89,833.38 | \$733,908.73 | \$3,439,260.04 |
| 6 | \$3,439,260.04 | \$658,245.01 | \$75,663.72 | \$733,908.73 | \$2,781,015.03 |
| 7 | \$2,781,015.03 | \$672,726.40 | \$61,182.33 | \$733,908.73 | \$2,108,288.64 |
| 8 | \$2,108,288.64 | \$687,526.38 | \$46,382.35 | \$733,908.73 | \$1,420,762.26 |
| 9 | \$1,420,762.26 | \$702,651.96 | \$31,256.77 | \$733,908.73 | \$718,110.30 |
| 10 | \$718,110.30 | \$718,110.30 | \$15,798.43 | \$733,908.73 | \$0.00 |


|  | Principal | Interest | Payment |
| :--- | ---: | ---: | ---: |
| Total | $\$ 6,523,943.00$ | $\$ 815,144.27$ | $\$ 7,339,087.27$ |

[^15]
## Sample Debenture Amortization Schedule

| *Principal |  |  | $\begin{array}{r} \$ 37,864,783.00 \\ 2.200 \% \end{array}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| **Bud | ed Interest for 10 ye | debt |  |  |  |
| Term |  |  | 10 |  |  |
| Annual Payments |  |  | \$4,259,585.76 |  |  |
| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
|  |  |  |  |  | \$37,864,783.00 |
| 1 | \$37,864,783.00 | \$3,426,560.53 | \$833,025.23 | \$4,259,585.76 | \$34,438,222.47 |
| 2 | \$34,438,222.47 | \$3,501,944.87 | \$757,640.89 | \$4,259,585.76 | \$30,936,277.60 |
| 3 | \$30,936,277.60 | \$3,578,987.65 | \$680,598.11 | \$4,259,585.76 | \$27,357,289.95 |
| 4 | \$27,357,289.95 | \$3,657,725.38 | \$601,860.38 | \$4,259,585.76 | \$23,699,564.57 |
| 5 | \$23,699,564.57 | \$3,738,195.34 | \$521,390.42 | \$4,259,585.76 | \$19,961,369.23 |
| 6 | \$19,961,369.23 | \$3,820,435.64 | \$439,150.12 | \$4,259,585.76 | \$16,140,933.59 |
| 7 | \$16,140,933.59 | \$3,904,485.22 | \$355,100.54 | \$4,259,585.76 | \$12,236,448.37 |
| 8 | \$12,236,448.37 | \$3,990,383.90 | \$269,201.86 | \$4,259,585.76 | \$8,246,064.47 |
| 9 | \$8,246,064.47 | \$4,078,172.34 | \$181,413.42 | \$4,259,585.76 | \$4,167,892.13 |
| 10 | \$4,167,892.13 | \$4,167,892.13 | \$91,693.63 | \$4,259,585.76 | \$0.00 |


|  |  |  | Principal |
| :--- | :--- | ---: | ---: |
| Total | $\$ 37,864,783.00$ | $\$ 4,731,074.60$ | $\$ 42,595,857.60$ |

[^16]
## Sample Debenture Amortization Schedule

Central Business District Streetscape - City Centre

| *Princi |  |  | 6,240,204.00 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| **Budg | ed Interest for 10 yea |  | 2.200\% |  |  |
| Term |  |  | 10 |  |  |
| Annual | ayments |  | \$701,989.61 |  |  |
| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
|  |  |  |  |  | \$6,240,204.00 |
| 1 | \$6,240,204.00 | \$564,705.12 | \$137,284.49 | \$701,989.61 | \$5,675,498.88 |
| 2 | \$5,675,498.88 | \$577,128.63 | \$124,860.98 | \$701,989.61 | \$5,098,370.25 |
| 3 | \$5,098,370.25 | \$589,825.46 | \$112,164.15 | \$701,989.61 | \$4,508,544.79 |
| 4 | \$4,508,544.79 | \$602,801.62 | \$99,187.99 | \$701,989.61 | \$3,905,743.17 |
| 5 | \$3,905,743.17 | \$616,063.26 | \$85,926.35 | \$701,989.61 | \$3,289,679.91 |
| 6 | \$3,289,679.91 | \$629,616.65 | \$72,372.96 | \$701,989.61 | \$2,660,063.27 |
| 7 | \$2,660,063.27 | \$643,468.21 | \$58,521.39 | \$701,989.61 | \$2,016,595.05 |
| 8 | \$2,016,595.05 | \$657,624.51 | \$44,365.09 | \$701,989.61 | \$1,358,970.54 |
| 9 | \$1,358,970.54 | \$672,092.25 | \$29,897.35 | \$701,989.61 | \$686,878.28 |
| 10 | \$686,878.28 | \$686,878.28 | \$15,111.32 | \$701,989.61 | \$0.00 |


|  | Principal | Interest | Payment |
| :---: | :---: | :---: | :---: |
| Total | \$6,240,204.00 | \$779,692.06 | \$7,019,896.06 |

[^17]
## Sample Debenture Amortization Schedule

Surface Parking Relocation/Improvements - Construction

| *Principal | $\$ 4,733,249.00$ |
| :--- | ---: |
| **Budgeted Interest for 10 year debt | $2.200 \%$ |
| Term | 10 |
| Annual Payments | $\$ 532,465.22$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  | $\$ 4,733,249.00$ |
| 1 | $\$ 4,733,249.00$ | $\$ 428,333.74$ | $\$ 104,131.48$ | $\$ 532,465.22$ | $\$ 4,304,915.26$ |
| 2 | $\$ 4,304,915.26$ | $\$ 437,757.09$ | $\$ 94,708.14$ | $\$ 532,465.22$ | $\$ 3,867,158.17$ |
| 3 | $\$ 3,867,158.17$ | $\$ 447,387.74$ | $\$ 85,077.48$ | $\$ 532,465.22$ | $\$ 3,419,770.43$ |
| 4 | $\$ 3,419,770.43$ | $\$ 457,230.27$ | $\$ 75,234.95$ | $\$ 532,465.22$ | $\$ 2,962,540.16$ |
| 5 | $\$ 2,962,540.16$ | $\$ 467,289.34$ | $\$ 65,175.88$ | $\$ 532,465.22$ | $\$ 2,495,250.82$ |
| 6 | $\$ 2,495,250.82$ | $\$ 477,569.70$ | $\$ 54,895.52$ | $\$ 532,465.22$ | $\$ 2,017,681.12$ |
| 7 | $\$ 2,017,681.12$ | $\$ 488,076.24$ | $\$ 44,388.98$ | $\$ 532,465.22$ | $\$ 1,529,604.88$ |
| 8 | $\$ 1,529,604.88$ | $\$ 498,813.91$ | $\$ 33,651.31$ | $\$ 532,465.22$ | $\$ 1,030,790.97$ |
| 9 | $\$ 1,030,790.97$ | $\$ 509,787.82$ | $\$ 22,677.40$ | $\$ 532,465.22$ | $\$ 521,003.15$ |
| 10 | $\$ 521,003.15$ | $\$ 521,003.15$ | $\$ 11,462.07$ | $\$ 532,465.22$ | $\$ 0.00$ |


|  | Principal | Interest | Payment |
| :--- | ---: | ---: | ---: |
| Total | $\$ 4,733,249.00$ | $\$ 591,403.21$ | $\$ 5,324,652.21$ |

[^18]
## Sample Debenture Amortization Schedule

Fort Chipewyan Landfill Public Drop-Off Area Construction \& Lateral Expansion of Cell 1

| *Principal | $\$ 3,100,000.00$ |
| :--- | ---: |
| **Budgeted Interest for 10 year debt | $2.200 \%$ |
| Term | 10 |
| Annual Payments | $\$ 348,733.44$ |


| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | :--- | :--- | :--- | ---: |
|  |  |  |  |  | $\$ 3,100,000.00$ |
| 1 | $\$ 3,100,000.00$ | $\$ 280,533.44$ | $\$ 68,200.00$ | $\$ 348,733.44$ | $\$ 2,819,466.56$ |
| 2 | $\$ 2,819,466.56$ | $\$ 286,705.17$ | $\$ 62,028.26$ | $\$ 348,733.44$ | $\$ 2,532,761.39$ |
| 3 | $\$ 2,532,761.39$ | $\$ 293,012.68$ | $\$ 55,720.75$ | $\$ 348,733.44$ | $\$ 2,239,748.71$ |
| 4 | $\$ 2,239,748.71$ | $\$ 299,458.96$ | $\$ 49,274.47$ | $\$ 348,733.44$ | $\$ 1,940,289.75$ |
| 5 | $\$ 1,940,289.75$ | $\$ 306,047.06$ | $\$ 42,686.37$ | $\$ 348,733.44$ | $\$ 1,634,242.68$ |
| 6 | $\$ 1,634,242.68$ | $\$ 312,780.10$ | $\$ 35,953.34$ | $\$ 348,733.44$ | $\$ 1,321,462.59$ |
| 7 | $\$ 1,321,462.59$ | $\$ 319,661.26$ | $\$ 29,072.18$ | $\$ 348,733.44$ | $\$ 1,001,801.33$ |
| 8 | $\$ 1,001,801.33$ | $\$ 326,693.81$ | $\$ 22,039.63$ | $\$ 348,733.44$ | $\$ 675,107.52$ |
| 9 | $\$ 675,107.52$ | $\$ 333,881.07$ | $\$ 14,852.37$ | $\$ 348,733.44$ | $\$ 341,226.45$ |
| 10 | $\$ 341,226.45$ | $\$ 341,226.45$ | $\$ 7,506.98$ | $\$ 348,733.44$ | $(\$ 0.00)$ |
|  |  |  |  |  |  |


|  | Principal | Interest | Payment |
| :--- | ---: | ---: | ---: |
| Total | $\$ 3,100,000.00$ | $\$ 387,334.35$ | $\$ 3,487,334.35$ |

[^19]
## Sample Debenture Amortization Schedule

Land Acquisition 2013-2014
*Principal $\$ 62,480,000.00$
**Budgeted Interest for 25 year debt 3.100\%
Term
Annual Payments
\$3,628,191.26

| Year | Beginning Balance | Principal | Interest | Payment | End Balance |
| ---: | ---: | ---: | :--- | :--- | :--- |
|  |  |  |  |  | $\$ 62,480,000.00$ |
| 1 | $\$ 62,480,000.00$ | $\$ 1,691,311.26$ | $\$ 1,936,880.00$ | $\$ 3,628,191.26$ | $\$ 60,788,688.74$ |
| 2 | $\$ 60,788,688.74$ | $\$ 1,743,741.91$ | $\$ 1,884,449.35$ | $\$ 3,628,191.26$ | $\$ 59,044,946.82$ |
| 3 | $\$ 59,044,946.82$ | $\$ 1,797,797.91$ | $\$ 1,830,393.35$ | $\$ 3,628,191.26$ | $\$ 57,247,148.91$ |
| 4 | $\$ 57,247,148.91$ | $\$ 1,853,529.65$ | $\$ 1,774,661.62$ | $\$ 3,628,191.26$ | $\$ 55,393,619.26$ |
| 5 | $\$ 55,393,619.26$ | $\$ 1,910,989.07$ | $\$ 1,717,202.20$ | $\$ 3,628,191.26$ | $\$ 53,482,630.20$ |
| 6 | $\$ 53,482,630.20$ | $\$ 1,970,229.73$ | $\$ 1,657,961.54$ | $\$ 3,628,191.26$ | $\$ 51,512,400.47$ |
| 7 | $\$ 51,512,400.47$ | $\$ 2,031,306.85$ | $\$ 1,596,884.41$ | $\$ 3,628,191.26$ | $\$ 49,481,093.62$ |
| 8 | $\$ 49,481,093.62$ | $\$ 2,094,277.36$ | $\$ 1,533,913.90$ | $\$ 3,628,191.26$ | $\$ 47,386,816.26$ |
| 9 | $\$ 47,386,816.26$ | $\$ 2,159,199.96$ | $\$ 1,468,991.30$ | $\$ 3,628,191.26$ | $\$ 45,227,616.30$ |
| 10 | $\$ 45,227,616.30$ | $\$ 2,226,135.16$ | $\$ 1,402,056.11$ | $\$ 3,628,191.26$ | $\$ 43,001,481.14$ |
| 11 | $\$ 43,001,481.14$ | $\$ 2,295,145.35$ | $\$ 1,333,045.92$ | $\$ 3,628,191.26$ | $\$ 40,706,335.79$ |
| 12 | $\$ 40,706,335.79$ | $\$ 2,366,294.85$ | $\$ 1,261,896.41$ | $\$ 3,628,191.26$ | $\$ 38,340,040.94$ |
| 13 | $\$ 38,340,040.94$ | $\$ 2,439,649.99$ | $\$ 1,188,541.27$ | $\$ 3,628,191.26$ | $\$ 35,900,390.94$ |
| 14 | $\$ 35,900,390.94$ | $\$ 2,515,279.14$ | $\$ 1,112,912.12$ | $\$ 3,628,191.26$ | $\$ 33,385,111.80$ |
| 15 | $\$ 33,385,111.80$ | $\$ 2,593,252.80$ | $\$ 1,034,938.47$ | $\$ 3,628,191.26$ | $\$ 30,791,859.00$ |
| 16 | $\$ 30,791,859.00$ | $\$ 2,673,643.63$ | $\$ 954,547.63$ | $\$ 3,628,191.26$ | $\$ 28,118,215.37$ |
| 17 | $\$ 28,118,215.37$ | $\$ 2,756,526.59$ | $\$ 871,664.68$ | $\$ 3,628,191.26$ | $\$ 25,361,688.78$ |
| 18 | $\$ 25,361,688.78$ | $\$ 2,841,978.91$ | $\$ 786,212.35$ | $\$ 3,628,191.26$ | $\$ 22,519,709.87$ |
| 19 | $\$ 22,519,709.87$ | $\$ 2,930,080.26$ | $\$ 698,111.01$ | $\$ 3,628,191.26$ | $\$ 19,589,629.61$ |
| 20 | $\$ 19,589,629.61$ | $\$ 3,020,912.75$ | $\$ 607,278.52$ | $\$ 3,628,191.26$ | $\$ 16,568,716.86$ |
| 21 | $\$ 16,568,716.86$ | $\$ 3,114,561.04$ | $\$ 513,630.22$ | $\$ 3,628,191.26$ | $\$ 13,454,155.82$ |
| 22 | $\$ 13,454,155.82$ | $\$ 3,211,112.43$ | $\$ 417,078.83$ | $\$ 3,628,191.26$ | $\$ 10,243,043.39$ |
| 23 | $\$ 10,243,043.39$ | $\$ 3,310,656.92$ | $\$ 317,534.35$ | $\$ 3,628,191.26$ | $\$ 6,932,386.47$ |
| 24 | $\$ 6,932,386.47$ | $\$ 3,413,287.28$ | $\$ 214,903.98$ | $\$ 3,628,191.26$ | $\$ 3,519,099.19$ |
| 25 | $\$ 3,519,099.19$ | $\$ 3,519,099.19$ | $\$ 109,092.07$ | $\$ 3,628,191.26$ | $\$ 0.00$ |
|  |  |  |  |  |  |

Principal
$\$ 62,480,000.00 \quad \$ 28,224,781.59$

Payment
\$90,704,781.59

* The entire Principal has not been drawn
${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website


[^0]:    Payment
    $\$ 7,312,152.68$

[^1]:    *The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^2]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^3]:    *The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^4]:    The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^5]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^6]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^7]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^8]:    * The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^9]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^10]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^11]:    * The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^12]:    * The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^13]:    * The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^14]:    *The entire Principal has not been drawn
    **The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^15]:    *The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^16]:    * The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^17]:    *The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^18]:    * The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

[^19]:    *The entire Principal has not been drawn
    ${ }^{* *}$ The interest rate reflected above is the December 1, 2012 rate from the ACFA website

