## Information on Estimating Local Government Highway Bonds

During FY 1997, the Highway Funding and Motor Fuel Division of the Office of Highway Information Management (OHIM) entered into a research contract involving the estimation of local government highway bond information, by State, during a particular calendar year. The data are necessary for OHIM to produce a complete picture of local governments' financial involvement (revenues, expenditures, and debt) in highway activities. This research data would supplement State reported data on local government highway bonds. For example, for six States that did not report local government highway finance for 1995, the researcher's database contained local government highway bond data. This allowed FHWA to substitute those data in the researcher's database instead of estimating them.

The researchers surveyed a number of municipal bond information sources and discovered what they considered to be the best source for the data. Using this database, researchers provided FHWA with a spreadsheet that listed all municipal bond issues by local governments for highway purposes. The data included the net proceeds from bonds and notes, debt service (interest and redemption payments), and the status of local government highway debt (opening debt, issues, redemptions, and closing debt).

Local government highway bond issues, which totaled $\$ 4.325$ billion for 1995 data, constitute 11 percent of receipts, an important portion of government highway revenue, as indicated in the attached table on the Proceeds from the Sale of Bonds and Notes.

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|  | Proceeds of sale of bonds \& notes (amount issued) |  |  | Interest Payments in 1995 |  |  | Redemptions in 1995 |  |  | Total interest | Opening debt 1/1/95 |  |  | Closing debt 12/31/95 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State Total | Bonds | Notes | Total | Bonds | Notes | Total | Bonds | Notes | Total | \& redemptions | Bonds | Notes | Total | Bonds | Notes | Total |
| Alaska | 0 | 0 | 0 | 630,565 | 0 | 630,565 | 885,000 | 0 | 885,000 | 1,515,565 | 9,680,000 | 0 | 9,680,000 | 8,795,000 | 0 | 8,795,000 |
| Alabama | 10,355,000 | 0 | 10,355,000 | 3,366,998 | 0 | 3,366,998 | 4,600,000 | 0 | 4,600,000 | 7,966,999 | 61,565,000 | 0 | 61,565,000 | 67,320,000 | 0 | 67,320,000 |
| Arkansas | 0 | 0 | 0 | 589,958 | 0 | 589,958 | 415,000 | 0 | 415,000 | 1,004,958 | 8,685,000 | 0 | 8,685,000 | 8,270,000 | 0 | 8,270,000 |
| Arizona | 10,900,000 | 0 | 10,900,000 | 37,126,216 | 0 | 37,126,216 | 29,782,091 | 0 | 29,782,091 | 66,908,307 | 644,169,578 | 0 | 644,169,578 | 625,287,486 | 0 | 625,287,486 |
| California | 1,532,431,549 | 0 | 1,532,431,549 | 117,143,105 | 0 | 117,143,105 | 113,285,739 | 0 | 113,285,739 | 230,428,844 | 2,319,091,651 | 0 | 2,319,091,651 | 3,738,237,462 | 0 | 3,738,237,462 |
| Colorado | 4,725,000 | 0 | 4,725,000 | 6,796,111 | 0 | 6,796,111 | 8,855,769 | 0 | 8,855,769 | 15,651,880 | 656,512,979 | 0 | 656,512,979 | 652,382,210 | 0 | 652,382,210 |
| Connecticut | 0 | 0 | 0 | 380,020 | 0 | 380,020 | 760,000 | 0 | 760,000 | 1,140,020 | 7,280,000 | 0 | 7,280,000 | 6,520,000 | 0 | 6,520,000 |
| Delaware | 0 | 0 | 0 | 5,255,840 | 0 | 5,255,840 | 930,000 | 0 | 930,000 | 6,185,840 | 102,110,000 | 0 | 102,110,000 | 101,180,000 | 0 | 101,180,000 |
| Florida | 58,165,000 | 0 | 58,165,000 | 82,849,800 | 0 | 82,849,800 | 19,790,000 | 0 | 19,790,000 | 102,639,800 | 1,529,332,542 | 0 | 1,529,332,542 | 1,567,707,542 | 0 | 1,567,707,542 |
| Georgia | 2,000,000 | 0 | 2,000,000 | 280,614 | 0 | 280,614 | 785,000 | 0 | 785,000 | 1,065,614 | 4,995,000 | 0 | 4,995,000 | 6,210,000 | 0 | 6,210,000 |
| Guam | 0 | 0 | 0 | 3,795,187 | 0 | 3,795,187 | 2,165,000 | 0 | 2,165,000 | 5,960,187 | 64,565,000 | 0 | 64,565,000 | 62,400,000 | 0 | 62,400,000 |
| lowa | 692,000 | 1,185,000 | 1,877,000 | 1,312,477 | 52,869 | 1,365,346 | 2,517,000 | 2,795,000 | 5,312,000 | 6,677,346 | 24,320,000 | 2,795,000 | 27,115,000 | 22,495,000 | 1,185,000 | 23,680,000 |
| Idaho | 0 | 0 | 0 | 298,217 | 0 | 298,217 | 110,000 | 0 | 110,000 | 408,217 | 5,482,000 | 0 | 5,482,000 | 5,372,000 | 0 | 5,372,000 |
| Illinois | 290,000 | 0 | 290,000 | 3,838,815 | 0 | 3,838,815 | 8,415,000 | 0 | 8,415,000 | 12,253,815 | 66,350,000 | 0 | 66,350,000 | 58,225,000 | 0 | 58,225,000 |
| Indiana | 0 | 0 | 0 | 24,073,768 | 0 | 24,073,768 | 20,305,000 | 0 | 20,305,000 | 44,378,768 | 454,714,689 | 0 | 454,714,689 | 434,409,689 | 0 | 434,409,689 |
| Kansas | 112,000 | 835,000 | 947,000 | 3,402,207 | 0 | 3,402,207 | 10,241,754 | 0 | 10,241,754 | 13,643,961 | 69,481,754 | 0 | 69,481,754 | 59,352,000 | 835,000 | 60,187,000 |
| Kentucky | 0 | 0 | 0 | 800,417 | 0 | 800,417 | 490,000 | 0 | 490,000 | 1,290,417 | 12,105,000 | 0 | 12,105,000 | 11,615,000 | 0 | 11,615,000 |
| Louisiana | 7,652,000 | 0 | 7,652,000 | 6,335,536 | 0 | 6,335,536 | 4,416,909 | 0 | 4,416,909 | 10,752,445 | 100,554,786 | 0 | 100,554,786 | 103,789,877 | 0 | 103,789,877 |
| Massachusetts | 0 | 1,529,271 | 1,529,271 | 260,427 | 3,250 | 263,677 | 1,535,000 | 380,935 | 1,915,935 | 2,179,612 | 4,930,000 | 380,935 | 5,310,935 | 3,395,000 | 1,529,271 | 4,924,271 |
| Maryland | 0 | 0 | 0 | 48,178 | 876,712 | 924,891 | 660,000 | 40,000,000 | 40,660,000 | 41,584,891 | 1,350,000 | 40,000,000 | 41,350,000 | 690,000 | 0 | 690,000 |
| Michigan | 3,970,000 | 0 | 3,970,000 | 14,025,423 | 0 | 14,025,423 | 24,818,000 | 0 | 24,818,000 | 38,843,423 | 254,905,932 | 0 | 254,905,932 | 234,057,932 | 0 | 234,057,932 |
| Minnesota | 36,800,000 | 0 | 36,800,000 | 4,378,479 | 0 | 4,378,479 | 19,570,000 | 0 | 19,570,000 | 23,948,479 | 87,693,000 | 0 | 87,693,000 | 104,923,000 | 0 | 104,923,000 |
| Missouri | 200,000 | 0 | 200,000 | 2,440,871 | 8,112 | 2,448,983 | 4,942,000 | 337,000 | 5,279,000 | 7,727,983 | 43,771,569 | 337,000 | 44,108,569 | 39,029,569 | 0 | 39,029,569 |
| Mississippi | 0 | 0 | 0 | 4,911,937 | 0 | 4,911,937 | 6,100,000 | 0 | 6,100,000 | 11,011,937 | 88,191,000 | 0 | 88,191,000 | 82,091,000 | 0 | 82,091,000 |
| Montana | 5,000,000 | 0 | 5,000,000 | 137,418 | 0 | 137,418 | 223,000 | 0 | 223,000 | 360,418 | 2,203,000 | 0 | 2,203,000 | 6,980,000 | 0 | 6,980,000 |
| North Carolina | 9,650,000 | 0 | 9,650,000 | 2,347,502 | 0 | 2,347,502 | 2,025,000 | 0 | 2,025,000 | 4,372,502 | 35,175,000 | 0 | 35,175,000 | 42,800,000 | 0 | 42,800,000 |
| North Dakota | 8,655,000 | 0 | 8,655,000 | 1,408,328 | 0 | 1,408,328 | 1,559,722 | 0 | 1,559,722 | 2,968,050 | 19,243,599 | 0 | 19,243,599 | 26,338,877 | 0 | 26,338,877 |
| Nebraska | 2,605,000 | 3,860,000 | 6,465,000 | 504,672 | 209,318 | 713,991 | 1,155,000 | 450,000 | 1,605,000 | 2,318,991 | 10,549,040 | 2,450,000 | 12,999,040 | 11,999,040 | 5,860,000 | 17,859,040 |
| New Hampshire | 0 | 0 | 0 | 10,021 | 0 | 10,021 | 410,000 | 0 | 410,000 | 420,021 | 520,000 | - | 520,000 | 110,000 | 0 | 110,000 |
| New Jersey | 0 | 985,500 | 985,500 | 2,832,772 | 4,048 | 2,836,820 | 792,000 | 469,008 | 1,261,008 | 4,097,828 | 48,114,000 | 469,008 | 48,583,008 | 47,322,000 | 985,500 | 48,307,500 |
| New Mexico | 8,990,000 | 0 | 8,990,000 | 1,173,235 | 0 | 1,173,235 | 2,120,000 | 0 | 2,120,000 | 3,293,235 | 21,030,000 | 0 | 21,030,000 | 27,900,000 | 0 | 27,900,000 |
| Nevada | 29,194,000 | 0 | 29,194,000 | 21,517,871 | 0 | 21,517,871 | 20,726,700 | 0 | 20,726,700 | 42,244,571 | 352,143,400 | 0 | 352,143,400 | 360,610,700 | 0 | 360,610,700 |
| New York | 100,000,000 | 0 | 100,000,000 | 28,727,642 | 1,484 | 28,729,126 | 21,425,000 | 726,000 | 22,151,000 | 50,880,126 | 480,305,000 | 726,000 | 481,031,000 | 558,880,000 | 0 | 558,880,000 |
| Ohio | 13,368,513 | 23,670,750 | 37,039,263 | 8,376,137 | 794,081 | 9,170,218 | 12,413,001 | 26,178,000 | 38,591,001 | 47,761,219 | 122,167,501 | 22,228,000 | 144,395,501 | 123, 123,013 | 19,720,750 | 142,843,763 |
| Oklahoma | 2,235,000 | 0 | 2,235,000 | 588,759 | 0 | 588,759 | 335,000 | 0 | 335,000 | 923,759 | 12,220,000 | 0 | 12,220,000 | 14,120,000 | 0 | 14,120,000 |
| Oregon | 0 | 4,085,000 | 4,085,000 | 2,462,222 | 0 | 2,462,222 | 5,305,000 | 0 | 5,305,000 | 7,767,222 | 45,870,000 | 0 | 45,870,000 | 40,565,000 | 4,085,000 | 44,650,000 |
| Pennsylvania | 0 | 0 | 0 | 1,007,773 | 0 | 1,007,773 | 635,000 | 0 | 635,000 | 1,642,773 | 19,170,000 | 0 | 19,170,000 | 18,535,000 | 0 | 18,535,000 |
| Puerto Rico | 0 | 0 | 0 | 81,464,093 | 0 | 81,464,093 | 42,245,000 | 0 | 42,245,000 | 123,709,093 | 1,499,662,770 | 0 | 1,499,662,770 | 1,457,417,770 | 0 | 1,457,417,770 |
| South Carolina | 0 | 0 | 0 | 134,270 |  | 134,270 | 465,000 | 0 | 465,000 | 599,270 | 2,625,000 | 0 | 2,625,000 | 2,160,000 | 0 | 2,160,000 |
| South Dakota | 0 | 0 | 0 | 198,549 | 0 | 198,549 | 50,000 | 0 | 50,000 | 248,549 | 3,320,000 | 0 | 3,320,000 | 3,270,000 | 0 | 3,270,000 |
| Tennessee | 0 | 0 | 0 | 761,592 | 0 | 761,592 | 2,325,000 | 0 | 2,325,000 | 3,086,592 | 15,900,000 | 0 | 15,900,000 | 13,575,000 | 0 | 13,575,000 |
| Texas | 159,320,000 | 0 | 159,320,000 | 125,030,505 | 0 | 125,030,505 | 84,164,989 | 0 | 84,164,989 | 209,195,494 | 2,391,849,482 | 0 | 2,391,849,482 | 2,467,004,493 | 0 | 2,467,004,493 |
| Utah | 0 | 0 | 0 | 653,465 | 0 | 653,465 | 2,749,000 | 0 | 2,749,000 | 3,402,465 | 13,487,000 | 0 | 13,487,000 | 10,738,000 | 0 | 10,738,000 |
| Virginia | 0 | 0 | 0 | 10,056,997 |  | 10,056,997 | 2,080,000 | 0 | 2,080,000 | 12,136,997 | 162,350,000 | 0 | 162,350,000 | 160,270,000 | 0 | 160,270,000 |
| Virgin Islands | 0 | 0 | 0 | 1,705,089 | 0 | 1,705,089 | 1,600,000 | 0 | 1,600,000 | 3,305,089 | 22,710,000 | 0 | 22,710,000 | 21,110,000 | 0 | 21,110,000 |
| Washington | 7,093,514 | 716,500 | 7,810,014 | 2,478,440 | 219,609 | 2,698,049 | 3,972,020 | 795,000 | 4,767,020 | 7,465,069 | 40,647,080 | 5,261,000 | 45,908,080 | 43,768,575 | 5,182,500 | 48,951,075 |
| Wisconsin |  |  |  | 676,686 |  | 676,686 | 1,025,000 | 0 | 1,025,000 | 1,701,686 | 12,885,000 |  | 12,885,000 | 11,860,000 | 0 | 11,860,000 |
| Grand Total | 2,014,403,577 | 36,867,021 | 2,051,270,598 | 618,595,207 | 2,169,484 | 620,764,692 | 496,174,694 | 72,130,943 | 568,305,637 | 1,189,070,329 | 11,955,983,352 | 74,646,943 | 12,030,630,295 | 13,474,212,235 | 39,383,021 | 13,513,595,256 |

