# Arapahoe-Holbrook Public Schools
## Refunding Analysis of Series 2016 General Obligation Bonds
## Callable 12/15/2021 @ Par

### Non-Rated Uniform Savings Solution

| | Series 2016 Bonds | | | | Series 2021 Refunding Bonds | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Maturity** | **Rate** | **Principal** | **Interest** | **Total** | **Rate** | **Principal** | **Interest** | **Total** | **Savings** |
| 12/15/2021 | | | | | | | | | |
| 12/15/2022 | 2.050% | 550,000.00 | 192,967.50 | 742,967.50 | 0.400% | 620,000.00 | 69,540.00 | 689,540.00 | 53,427.50 |
| 12/15/2023 | 2.250% | 560,000.00 | 181,692.50 | 741,692.50 | 0.450% | 625,000.00 | 67,060.00 | 692,060.00 | 49,632.50 |
| 12/15/2024 | 2.400% | 575,000.00 | 169,092.50 | 744,092.50 | 0.550% | 630,000.00 | 64,247.50 | 694,247.50 | 49,845.00 |
| 12/15/2025 | 2.600% | 590,000.00 | 155,292.50 | 745,292.50 | 0.700% | 635,000.00 | 60,782.50 | 695,782.50 | 49,510.00 |
| 12/15/2026 | 2.750% | 605,000.00 | 139,952.50 | 744,952.50 | 0.850% | 640,000.00 | 56,337.50 | 696,337.50 | 48,615.00 |
| 12/15/2027 | 2.900% | 620,000.00 | 123,315.00 | 743,315.00 | 1.050% | 640,000.00 | 50,897.50 | 690,897.50 | 52,417.50 |
| 12/15/2028 | 3.000% | 635,000.00 | 105,335.00 | 740,335.00 | 1.200% | 645,000.00 | 44,177.50 | 689,177.50 | 51,157.50 |
| 12/15/2029 | 3.150% | 555,000.00 | 86,285.00 | 641,285.00 | 1.300% | 555,000.00 | 36,437.50 | 591,437.50 | 49,847.50 |
| 12/15/2030 | 3.150% | 570,000.00 | 68,802.50 | 638,802.50 | 1.400% | 560,000.00 | 29,222.50 | 589,222.50 | 49,580.00 |
| 12/15/2031 | 3.250% | 695,000.00 | 50,847.50 | 745,847.50 | 1.500% | 675,000.00 | 21,382.50 | 696,382.50 | 49,465.00 |
| 12/15/2032 | 3.600% | 100,000.00 | 28,260.00 | 128,260.00 | 1.600% | 65,000.00 | 11,257.50 | 76,257.50 | 52,002.50 |
| 12/15/2033 | 3.600% | 100,000.00 | 24,660.00 | 124,660.00 | 1.750% | 65,000.00 | 10,217.50 | 75,217.50 | 49,442.50 |
| 12/15/2034 | 3.600% | 100,000.00 | 21,060.00 | 121,060.00 | 1.850% | 60,000.00 | 9,080.00 | 69,080.00 | 51,980.00 |
| 12/15/2035 | 3.600% | 100,000.00 | 17,460.00 | 117,460.00 | 1.950% | 60,000.00 | 7,970.00 | 67,970.00 | 49,490.00 |
| 12/15/2036 | 3.600% | 385,000.00 | 13,860.00 | 398,860.00 | 2.000% | 340,000.00 | 6,800.00 | 346,800.00 | 52,060.00 |
| | 3.117% | $ 6,740,000.00 | $ 1,378,882.50 | $ 8,118,882.50 | 1.289% | $ 6,815,000.00 | $ 545,410.00 | $ 7,360,410.00 | $ 758,472.50 |
| | | | | AIC | 1.461% | | | Rounding Amt: | 2,442.50 |
| | | | | | | | | Total Savings: | $ 760,915.00 |

| | |
|---|---|
| Net Present Value Benefit: | $ 690,859.16 |
| Net Present Value Benefit %: | 10.250% |

**Uses of Funds**

| | |
|---|---|
| Refund 2016 Bonds: | $ 6,740,000.00 |
| Underwriter's Discount (0.90%): | 61,335.00 |
| Bond Attorney (0.15%): | 10,222.50 |
| Paying Agent / Escrow: | 1,000.00 |
| Rounding Amount: | 2,442.50 |
| Total: | $ 6,815,000.00 |