



COMMISSIONERS OF THE SINKING FUND

SINKING FUND

Semi-Annual Report

FOR THE PERIOD:
JULY 1, 2021 - DECEMBER 31, 2021

UNAUDITED
FEBRUARY 14, 2022

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STATE OF OHIO

COMMISSIONERS OF THE SINKING FUND SEMI-ANNUAL REPORT FOR THE PERIOD JULY 1, 2021 THROUGH DECEMBER 31, 2021

**Prepared by the Sinking Fund Commission
14-Feb-22**

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State of Ohio

Commissioners of the Sinking Fund

Keith Faber
Auditor of State
President

Term beginning January 14, 2019

Frank LaRose
Secretary of State
Secretary

Term beginning January 14, 2019

Mike DeWine
Governor
Member

Term beginning January 14, 2019

Robert Cole Sprague
Treasurer of State
Member

Term beginning January 14, 2019

Dave Yost
Attorney General
Member

Term beginning January 14, 2019

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TABLE OF CONTENTS

Letter of Transmittal.....	1
Schedule of General Obligation Bonds	2
Schedule of Changes in Debt Principal, Interest Paid and Net Interest Rate Swap Transactions	5
Schedule of Future Bond Service Requirements.....	6
Coal Development Bonds	7
Coal Development Bond Service Fund — Cash Flow Statement	8
Common Schools Bonds	9
Common Schools General Obligation Bonds, Series 2021C Debt Service Schedule.....	10
Common Schools Bond Service Fund — Cash Flow Statement	11
Conservation Projects Bonds	12
Conservation Projects General Obligation Bonds, Series 2021A Debt Service Schedule.....	13
Conservation Projects Bond Service Fund — Cash Flow Statement	14
Higher Education Bonds	15
Higher Education Bond Service Fund — Cash Flow Statement	16
Highway Capital Improvements Bonds	17
Highway Capital Improvements Bond Service Fund — Cash Flow Statement	18
Natural Resources Bonds	19
Natural Resources Bond Service Fund — Cash Flow Statement	20
Veteran's Compensation Bonds.....	21
Veteran's Compensation Bond Service Fund — Cash Flow Statement.....	22
Infrastructure Improvement Bonds	23
Infrastructure Improvement General Obligation Bonds, Series 2021A Debt Service Schedule.....	25
Infrastructure Improvement General Obligation Bonds, Series 2021B Debt Service Schedule.....	26
Infrastructure Improvement Bond Service Fund — Cash Flow Statement	27
Job Ready Site Development Bonds	28
Job Ready Site Development Bond Service Fund — Cash Flow Statement.....	29
Third Frontier Research and Development Bonds	30
Third Frontier Research and Development Bond Service Fund — Cash Flow Statement.....	31

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**STATE OF OHIO
BOARD OF COMMISSIONERS OF THE SINKING FUND**

30 East Broad Street, 9th Floor
Columbus, Ohio 43215

(614) 466-7752

February 14, 2022

The Honorable Mike DeWine, Governor and
The Honorable Members of the Ohio General Assembly:

In accordance with Article VIII, Section 11 of the Ohio Constitution and Section 129.22 of the Ohio Revised Code, we are pleased to submit this full and detailed report of the Commissioners of the Sinking Fund's proceedings.

The Commission prepared this report, which covers general obligation bond balances and activity as of and for the six months that ended December 31, 2021, using the cash basis of accounting. All information presented herein is unaudited.

Brief summaries on the status of the State's general obligation bonds, debt service requirements, and funding sources as of December 31, 2021, and the changes in debt principal, including issuances and maturities, interest and accreted principal paid, and net interest rate swap receipts realized and net interest rate swap payments made, for the period July 1, 2021 through December 31, 2021, immediately follow this letter. The report also presents detailed descriptions and financial information on the ten types of outstanding general obligation bonds and their associated debt service funds. The Commission did not convene any meetings during this reporting period.

This semi-annual report is designed to provide the State of Ohio's citizens, taxpayers, customers, investors and creditors with a general overview of the State's general obligation bonds, and to demonstrate accountability for the money the State borrows. Questions regarding the information provided in this report, or requests for additional information, should be addressed to the Sinking Fund Commission, 30 East Broad Street, 9th Floor, Columbus, Ohio 43215, or by phone at (614) 466-7752.

Respectfully submitted,

Handwritten signature of Keith Faber in blue ink.

Keith Faber, Auditor of State
President

Handwritten signature of Frank LaRose in blue ink.

Frank LaRose, Secretary of State
Secretary

Handwritten signature of Robert Cole Sprague in blue ink.

Robert Cole Sprague, Treasurer of State
Member

Handwritten signature of Mike DeWine in blue ink.

Mike DeWine, Governor of State
Member

Handwritten signature of Dave Yost in blue ink.

Dave Yost, Attorney General of State
Member

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STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS
As of December 31, 2021 (Dollars in 000s)

	COAL DEVELOPMENT BONDS Article VIII, Section 15, of Ohio Constitution 11/5/1985	COMMON SCHOOLS BONDS Article VIII, Section 2(n), of Ohio Constitution 11/2/1999	CONSERVATION PROJECTS BONDS Article VIII, Sections 2(o) and 2(q), of Ohio Constitution 11/4/2008
Legal Authority & Date of Voter Authorization			
Bonds Authorized (A)	\$ 262,000	\$ 6,045,000	\$ 800,000
Bonds Issued (B)	254,000	5,611,200	682,625
Bonds Authorized, but not Issued	8,000	433,800	117,375
Bonds Matured	195,155	2,937,350	329,075
Outstanding Bonded Debt (C)	28,845	2,425,670	346,690
Total Interest Cost to Maturity (D)	59,823	2,913,798	243,379
Interest Paid through 12/31/2021.....	55,660	2,147,489	157,182
Remaining Interest through Maturity (D)	4,163	766,309	86,197
Original Discount on Capital Appreciation Bonds	-	-	-
Accreted Principal Paid through 12/31/2021.....	-	-	-
Remaining Discount through Maturity	-	-	-
Cash Balance in Bond Service Fund	-	-	2
Final Maturity Date	2/1/2030	6/15/2041	3/1/2035
Funding Source(s).....	General Revenue Fund	General Revenue Fund & Net Lottery Proceeds	General Revenue Fund

	HIGHER EDUCATION BONDS Article VIII, Section 2(n), of Ohio Constitution 11/2/1999	HIGHWAY CAPITAL IMPROVEMENTS BONDS Article VIII, Section 2(m), of Ohio Constitution 11/7/1995	NATURAL RESOURCES BONDS Article VIII, Section 2(l), of Ohio Constitution 11/2/1993
Legal Authority & Date of Voter Authorization			
Bonds Authorized (A)	\$ 4,853,000	\$ 3,797,000	\$ 512,000
Bonds Issued (B)	4,374,445	3,381,000	484,490
Bonds Authorized, but not Issued	478,555	416,000	27,510
Bonds Matured	2,043,615	2,493,980	353,705
Outstanding Bonded Debt (C)	2,131,455	880,945	130,920
Total Interest Cost to Maturity (D)	2,343,431	1,086,728	182,787
Interest Paid through 12/31/2021.....	1,634,616	874,533	150,319
Remaining Interest through Maturity (D)	708,815	212,195	32,468
Original Discount on Capital Appreciation Bonds	-	-	-
Accreted Principal Paid through 12/31/2021.....	-	-	-
Remaining Discount through Maturity	-	-	-
Cash Balance in Bond Service Fund	14	66,952	-
Final Maturity Date	5/1/2041	5/1/2035	4/1/2035
Funding Source(s)	General Revenue Fund	Highway User Receipts	General Revenue Fund

All dollar amounts represented have been rounded to the nearest thousand.

Note: Some totals may not foot due to rounding.

(continued)

STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS
As of December 31, 2021 (Dollars in 000s)
(Continued)

	VETERAN'S COMPENSATION BONDS Article VIII, Section 2(r), of Ohio Constitution 11/3/2009 (E)	INFRASTRUCTURE IMPROVEMENT BONDS Article VIII, Sections 2(p) and 2(s), of Ohio Constitution 5/6/2014	JOB READY SITE DEVELOPMENT BONDS Article VIII, Section 2(p), of Ohio Constitution 11/8/2005 (F)
Legal Authority & Date of Voter Authorization			
Bonds Authorized (A)	\$ 200,000	\$ 4,900,000	\$ 150,000
Bonds Issued (B)	83,910	4,517,936	150,000
Bonds Authorized, but not Issued	-	382,064	-
Bonds Matured	64,350	2,548,222	145,500
Outstanding Bonded Debt (C)	20,170	1,897,740	4,500
Total Interest Cost to Maturity (D)	18,739	2,243,316	31,840
Interest Paid through 12/31/2021	17,942	1,605,334	31,660
Remaining Interest through Maturity (D)	797	637,982	180
Original Discount on Capital Appreciation Bonds	-	269,198	-
Accreted Principal Paid through 12/31/2021	-	269,198	-
Remaining Discount through Maturity	-	-	-
Cash Balance in Bond Service Fund	-	16	-
Final Maturity Date	4/1/2026	3/1/2041	11/1/2022
Funding Source(s)	General Revenue Fund	General Revenue Fund	General Revenue Fund

	THIRD FRONTIER RESEARCH AND DEVELOPMENT BONDS Article VIII, Section 2(p), of Ohio Constitution 5/4/2010
Legal Authority & Date of Voter Authorization	
Bonds Authorized (A)	\$ 1,200,000
Bonds Issued (B)	971,000
Bonds Authorized, but not Issued	229,000
Bonds Matured	721,065
Outstanding Bonded Debt (C)	249,425
Total Interest Cost to Maturity (D)	180,727
Interest Paid through 12/31/2021	158,551
Remaining Interest through Maturity (D)	22,176
Original Discount on Capital Appreciation Bonds	-
Accreted Principal Paid through 12/31/2021	-
Remaining Discount through Maturity	-
Cash Balance in Bond Service Fund	5
Final Maturity Date	5/1/2029
Funding Source(s)	General Revenue Fund

All dollar amounts represented have been rounded to the nearest thousand.
Note: Some totals may not foot due to rounding.

(continued)

STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS
As of December 31, 2021
(Continued)

Notes:

- (A) The amounts of general obligation bonds authorized for Common Schools and for Higher Education were reduced by \$800 million and \$950 million, respectively, by HB562 enacted by the General Assembly in 2008. The proceeds generated by the Buckeye Tobacco Settlement Financing Authority transaction were used to fund such purposes in lieu of bonded debt until the proceeds from the Settlement, specified for the School Building Assistance Fund and the Higher Education Improvement Fund, were expended. As of June 30, 2012, all such payments from the Authority to the School Building Assistance Fund were made.
- (B) The "Bonds Issued" balance includes bonds that have been refunded, but excludes refunding bonds (i.e., bonds issued solely to refund prior bonds). Also, not more than:
- \$50 million in Conservation Projects Bonds may be issued in any fiscal year, plus the principal amount of those obligations that in any prior fiscal year could have been but were not issued within the \$50 million fiscal year limit.
 - \$220 million in Highway Capital Improvements Bonds may be issued in any fiscal year, plus the principal amount of highway obligations that in any prior fiscal year could have been but were not issued within the \$220 million fiscal year limit.
 - \$50 million in Natural Resources Bonds may be issued in any fiscal year.
 - \$200 million in Infrastructure Improvement Bonds may be issued annually. In May 2014, voters approved an amendment which authorized a ten-year extension of the existing local government infrastructure program (authorized November 2005). The amendment increased the allowable annual issuance amount from \$150 million to \$175 million in the first five fiscal years and \$200 million in each fiscal year thereafter.
 - \$1.2 billion in Third Frontier Research and Development Bonds may be issued. Beginning with Fiscal Year 2013, no more than \$175 million may be issued in any fiscal year, plus in each case the principal amount of obligations that in any prior fiscal year could have been but were not issued.
- (C) The "Outstanding Bonded Debt" balance excludes bonds refunded, but includes refunding bonds in cases when issued. Also, not more than
- \$100 million in Coal Development Bonds may be outstanding at any time.
 - \$400 million in Conservation Projects Bonds may be outstanding at any time.
 - \$1.2 billion in Highway Capital Improvements Bonds may be outstanding at any time.
 - \$200 million in Natural Resources Bonds may be outstanding at any time.
- (D) The "Total Interest Cost to Maturity" and "Remaining Interest through Maturity" balances for the Common Schools Bonds and the Infrastructure Improvement Bonds include estimates for interest payable on variable rate bonds.
- (E) On December 31, 2013, the State's authority to issue additional bonds under Section 2(r) of Article VIII of the Constitution expired.
- (F) Authorization to issue under Section 2(p) of Article VIII has been exhausted.

STATE OF OHIO
SCHEDULE OF CHANGES IN GENERAL OBLIGATION DEBT PRINCIPAL, INTEREST PAID
AND NET INTEREST RATE SWAP TRANSACTIONS
For the Six Months Ended December 31, 2021 (Dollars in 000s)

<i>Outstanding General Obligation Bond Principal as of July 1, 2021:</i>		
Coal Development Bonds	\$ 28,845	
Common Schools Bonds	2,639,040	
Conservation Projects Bonds	317,275	
Higher Education Bonds	2,297,760	
Highway Capital Improvements Bonds	894,575	
Natural Resources Bonds	132,865	
Veteran's Compensation Bonds.....	20,170	
Infrastructure Improvement Bonds	1,874,140	
Job Ready Site Development Bonds.....	8,825	
Third Frontier Research and Development Bonds	288,625	
<i>Total Outstanding Principal.....</i>	<u>\$ 8,502,120</u>	
<i>General Obligation Bonds Issued - July 1, 2021 through December 31, 2021:</i>		
Common Schools, Series 2021C Refunding.....	\$ 100,130	Date of Issue
Conservation Projects, Series 2021A.....	40,450	November 10, 2021
Infrastructure Improvement, Series 2021A.....	140,710	November 10, 2021
Infrastructure Improvement, Series 2021B Refunding.....	47,905	November 10, 2021
<i>Total Issuances.....</i>	<u>\$ 329,195</u>	
<i>General Obligation Bonds Refunded - July 1, 2021 through December 31, 2021:</i>		
Higher Education.....	\$ 4,490	Date of Refunding
Common Schools.....	126,020	September 15, 2021
Infrastructure Improvement.....	59,205	November 10, 2021
<i>Total Refunded Principal.....</i>	<u>\$ 189,715</u>	
<i>General Obligation Bonds Matured - July 1, 2021 through December 31, 2021:</i>		
Coal Development Bonds	\$ -	
Common Schools Bonds	187,480	
Conservation Projects Bonds	11,035	
Higher Education Bonds	161,815	
Highway Capital Improvements Bonds	13,630	
Natural Resources Bonds	1,945	
Veteran's Compensation Bonds.....	-	
Infrastructure Improvement Bonds	105,810	
Job Ready Site Development Bonds.....	4,325	
Third Frontier Research and Development Bonds	39,200	
<i>Total Maturities.....</i>	<u>\$ 525,240</u>	
<i>Outstanding General Obligation Bond Principal as of December 31, 2021:</i>		
Coal Development Bonds	\$ 28,845	
Common Schools Bonds	2,425,670	
Conservation Projects Bonds	346,690	
Higher Education Bonds	2,131,455	
Highway Capital Improvements Bonds	880,945	
Natural Resources Bonds	130,920	
Veteran's Compensation Bonds.....	20,170	
Infrastructure Improvement Bonds	1,897,740	
Job Ready Site Development Bonds.....	4,500	
Third Frontier Research and Development Bonds	249,425	
<i>Total Outstanding Principal.....</i>	<u>\$ 8,116,360</u>	
<i>Interest Paid, July 1, 2021 through December 31, 2021:</i>		
Coal Development Bonds	\$ 642	
Common Schools Bonds	60,866	
Conservation Projects Bonds	6,545	
Higher Education Bonds	53,868	
Highway Capital Improvements Bonds	21,905	
Natural Resources Bonds	3,081	
Veteran's Compensation Bonds.....	183	
Infrastructure Improvement Bonds	40,757	
Job Ready Site Development Bonds.....	177	
Third Frontier Research and Development Bonds	3,973	
<i>Total Interest Paid.....</i>	<u>\$ 191,997</u>	
<i>Interest Rate Swap Agreements-Net Receipts & Payments,</i>		
<i>July 1, 2021 through December 31, 2021:</i>	Net Swap Receipts	Net Swap Payments
Common Schools Bonds	\$ -	\$ 2,249
Infrastructure Improvement Bonds	-	484
<i>Total Net Receipts and Payments.....</i>	<u>\$ -</u>	<u>\$ 2,733</u>

All dollar amounts represented have been rounded to the nearest thousand.
Note: Some totals may not foot due to rounding. Interest paid and net swap payments and receipts represent actual amounts paid whereas the cash flow statements include rate estimates.

STATE OF OHIO
SCHEDULE OF BOND SERVICE REQUIREMENTS FOR NEXT SIX MONTHS
As of December 31, 2021 (Dollars in 000s)

	COAL DEVELOPMENT BONDS			COMMON SCHOOLS BONDS		
	Principal	Interest	Total	Principal	Interest (A)	Total
Period from January 1, 2022 to June 30, 2022.....	\$ 5,840	\$ 642	\$ 6,482	\$ 111,925	\$ 55,053	\$ 166,978
	CONSERVATION PROJECTS BONDS			HIGHER EDUCATION BONDS		
	Principal	Interest	Total	Principal	Interest	Total
Period from January 1, 2022 to June 30, 2022.....	\$ 25,210	\$ 6,915	\$ 32,125	\$ 54,755	\$ 48,725	\$ 103,480
	HIGHWAY CAPITAL IMPROVEMENTS BONDS			NATURAL RESOURCES BONDS		
	Principal	Interest	Total	Principal	Interest	Total
Period from January 1, 2022 to June 30, 2022.....	\$ 96,540	\$ 21,564	\$ 118,104	\$ 12,380	\$ 3,052	\$ 15,432
	VETERAN'S COMPENSATION BONDS			INFRASTRUCTURE IMPROVEMENT BONDS		
	Principal	Interest	Total	Principal	Interest (A)	Total
Period from January 1, 2022 to June 30, 2022.....	\$ 4,985	\$ 183	\$ 5,168	\$ 48,820	\$ 40,255	\$ 89,075
	JOB READY SITE DEVELOPMENT BONDS			THIRD FRONTIER RESEARCH AND DEVELOPMENT BONDS		
	Principal	Interest	Total	Principal	Interest	Total
Period from January 1, 2022 to June 30, 2022.....	\$ -	\$ 90	\$ 90	\$ 22,385	\$ 3,307	\$ 25,692

Notes:

(A) Estimates for future interest payments on Common Schools and Infrastructure Improvement bonds include, for the variable rate bonds, a constant interest rate of 3.00 percent through maturity. The variable interest rate paid to bondholders is reset weekly until the variable rate bonds mature.

All dollar amounts represented have been rounded to the nearest thousand.

COAL DEVELOPMENT BONDS

On November 5, 1985, voters approved Section 15 of Article VIII of the Ohio Constitution, authorizing the issuance of Coal Development Bonds. The vote was: Yes—1,439,344; No—807,647.

Proceeds of Coal Development Bonds provide financial assistance for research and development of technology that encourages the use of Ohio coal.

Not more than \$100 million in bond principal can be outstanding at any one time.

Coal Development Bonds must mature within 40 years from the date of issuance, or, if issued to retire or refund other obligations issued under this section, within 40 years from the date the debt was originally issued.

Section 15 of Article VIII of the Ohio Constitution was initially implemented by the General Assembly with the adoption of HB750 in 1986, which enacted Sections 1555.01 et seq. of the Ohio Revised Code. Subsequent laws authorizing the issuance of Coal Development Bonds and designating the purposes for which proceeds of such bonds may be used were passed by the General Assembly.

The authority to issue Coal Development Bonds in amounts authorized by the General Assembly was conferred upon the Sinking Fund Commission in HB750. The Commission's authority to issue additional Coal Development Bonds was withdrawn, however, when provisions in HB640 became effective on September 14, 2000. That law enacted Sections 151.01 and 151.07, Ohio Revised Code, which designated the Ohio Public Facilities Commission as the issuer of these bonds. Section 52 of HB640 provides for the Ohio Public Facilities Commission to supersede the Sinking Fund Commission in all matters relating to the Coal Development Bonds.

Legislation for each authorized issuance of Coal Development Bonds further provides that the bonds are to be dated, issued, and sold from time to time in such amounts as necessary to provide sufficient moneys to the credit of the Coal Development Fund, a fund created under Section 1555.15 of the Ohio Revised Code.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund to the Coal Development Bond Service Fund, a fund created under Section 151.07 of the Ohio Revised Code.

STATE OF OHIO
COAL DEVELOPMENT BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

		JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$	1
CASH INFLOWS:		
Transfers from the General Revenue Fund.....		644
Bond Proceeds.....		-
Accrued Interest on Bonds Sold.....		-
Royalties from Research and Development Grants.....		-
Interest Earnings.....		-
Unused Administrative Fees.....		-
TOTAL CASH INFLOWS		644
CASH OUTFLOWS:		
Principal Paid.....		-
Interest Paid.....		640
Bond Sale and Miscellaneous Expenses.....		5
TOTAL CASH OUTFLOWS		645
CASH BALANCE, December 31, 2021	\$	-

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Coal Development Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Coal Development Bond Service Fund for future debt service payments. As of December 31, 2021, for this program the Sinking Fund Commission had \$5 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

COMMON SCHOOLS BONDS

On November 2, 1999, voters approved Section 2(n) of Article VIII of the Ohio Constitution, authorizing the issuance of Common Schools Bonds. The vote was: Yes—1,285,277; No—828,426.

Proceeds of Common Schools Bonds finance the costs of facilities for a system of common schools throughout the state. Such costs include, without limitation, the cost of acquisition, construction, improvement, expansion, planning, and equipping.

There is not a limitation specified in the Constitution as to the amount of bond principal that can be outstanding at any one time for bonds issued pursuant to this section.

Common Schools Bonds must mature no later than December 31 of the 25th calendar year after issuance, except that obligations issued to refund other obligations can mature not later than December 31 of the 25th calendar year after the year in which the original obligation to pay was issued.

Section 2(n) of Article VIII of the Ohio Constitution was initially implemented by the General Assembly with the adoption of SB206, effective September 14, 2000. This legislation set forth, in uncodified law, temporary authority for the Treasurer of State to issue obligations in an aggregate principal amount not to exceed \$150 million (of which \$140 million was issued) and specified the purposes and uses of the proceeds of such obligations. The extra \$10 million was not reauthorized in HB640.

Subsequent to the passage of SB206 and the initial issuance of obligations under this section by the Treasurer of State, the General Assembly passed HB640, which enacted Sections 151.01 and 151.03 of the Ohio Revised Code, effective September 14, 2000. This provides for future issuance of Common Schools Bonds by the Ohio Public Facilities Commission. Section 52.05 of HB640 provides for the Ohio Public Facilities Commission to supersede the Treasurer of State in all matters relating to these bonds.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund and, in the judgment of the Director of the Office of Budget and Management, from net state lottery proceeds in the State Lottery Fund or the Lottery Profits Education Fund, to the Common Schools Bond Service Fund, as created under Section 151.03 of the Ohio Revised Code.

STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS ISSUED
For the Six Months Ended December 31, 2021

\$100,130,000

State of Ohio
Common Schools General Obligation Bonds
Series 2021C (Refunding)

Dated: 11/10/2021

Date	Principal	Interest	Debt Service
3/15/2022	-	1,738,368.06	1,738,368.06
9/15/2022	-	2,503,250.00	2,503,250.00
3/15/2023	-	2,503,250.00	2,503,250.00
9/15/2023	-	2,503,250.00	2,503,250.00
3/15/2024	-	2,503,250.00	2,503,250.00
9/15/2024	-	2,503,250.00	2,503,250.00
3/15/2025	-	2,503,250.00	2,503,250.00
9/15/2025	-	2,503,250.00	2,503,250.00
3/15/2026	12,230,000.00	2,503,250.00	14,733,250.00
9/15/2026	-	2,197,500.00	2,197,500.00
3/15/2027	12,925,000.00	2,197,500.00	15,122,500.00
9/15/2027	-	1,874,375.00	1,874,375.00
3/15/2028	13,565,000.00	1,874,375.00	15,439,375.00
9/15/2028	-	1,535,250.00	1,535,250.00
3/15/2029	14,250,000.00	1,535,250.00	15,785,250.00
9/15/2029	-	1,179,000.00	1,179,000.00
3/15/2030	14,960,000.00	1,179,000.00	16,139,000.00
9/15/2030	-	805,000.00	805,000.00
3/15/2031	15,710,000.00	805,000.00	16,515,000.00
9/15/2031	-	412,250.00	412,250.00
3/15/2032	16,490,000.00	412,250.00	16,902,250.00
Total:	100,130,000.00	37,771,118.06	137,901,118.06

Average Life	7.544 Years
Average Coupon	5.000000%

Net Interest Cost (NIC)	1.393806%
True Interest Cost (TIC)	1.205262%
Bond Yield for Arbitrage Purposes	1.299418%
All Inclusive Cost (AIC)	1.224733%
Net Present Value Savings	\$24,622,268.55

**STATE OF OHIO
COMMON SCHOOLS BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)**

	JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$ 4
CASH INFLOWS:	
Transfers from the General Revenue Fund.....	250,850
Bond Proceeds.....	-
Accrued Interest on Bonds Sold.....	-
Net Receipts from Swap Agreements.....	-
Interest Earnings.....	4
Swap and Variable Rate Overestimate Payments.....	-
TOTAL CASH INFLOWS	250,854
CASH OUTFLOWS:	
Principal Paid.....	187,480
Interest Paid.....	60,838
Net Payments under Swap Agreements.....	2,230
Bond Sale and Miscellaneous Expenses.....	310
TOTAL CASH OUTFLOWS	250,858
CASH BALANCE, December 31, 2021	\$ -

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Common Schools Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Common Schools Bond Service Fund for future debt service payments. As of December 31, 2021, for this program the Sinking Fund Commission had \$271 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

CONSERVATION PROJECTS BONDS

On November 7, 2000, voters approved Section 2(o) of Article VIII of the Ohio Constitution, authorizing the issuance of Conservation Projects Bonds. The vote was: Yes—2,197,773; No—1,628,716.

On November 4, 2008, voters approved Section 2(q) of Article VIII of the Ohio Constitution, authorizing the issuance of an additional \$200 million of Conservation Projects Bonds. The vote was: Yes-3,574,294; No-1,585,410.

Conservation Projects Bonds provide financing for conservation projects. These projects include conservation and preservation of natural areas, open spaces, and farmlands, and other lands devoted to agriculture, including by acquiring land or interests therein; provision of state and local park and recreation facilities, and other actions that permit and enhance the availability, public use and enjoyment of natural areas and open spaces in Ohio; and land, forest, water, and other natural resources management projects.

Not more than \$50 million principal amount of Conservation Projects Bonds, plus the principal amount of those obligations that in any prior fiscal year could have been but were not issued within the \$50 million fiscal-year limit, can be issued in any fiscal year. However, no more than \$400 million in principal can be outstanding at any one time (a combination of Ohio Constitution Article VIII, Sections 2(o) and 2(q)).

Conservation Projects Bonds mature no later than December 31 of the 25th calendar year after issuance, except that obligations issued to refund other obligations mature not later than December 31 of the 25th calendar year after the year in which the original obligation was issued.

Section 2(o) of Article VIII of the Ohio Constitution was implemented by the General Assembly with the adoption of HB3 in 2001, which amended Section 151.01 and Sections 901.21 - 901.23 of the Ohio Revised Code. This bill also enacted Section 151.09, Sections 164.20 - 164.27, and Sections 1519.05 - 1519.06 of the Ohio Revised Code, and set forth the purposes for which bond proceeds may be used. The authority to issue Conservation Projects Bonds in amounts authorized by the General Assembly was conferred upon the Ohio Public Facilities Commission in HB3.

Section 2(q) of Article VIII of the Ohio Constitution was implemented by the General Assembly with the adoption of HB2 in 2009, which amended Section 151.09 (B)(1) of the Ohio Revised Code.

Legislation authorizing the issuance of Conservation Projects Bonds further requires the issuance of bonds when the Ohio Public Works Commission certifies amounts needed for the purposes of: the Clean Ohio Conservation Fund, created in Section 164.27 of the Ohio Revised Code; the Clean Ohio Agricultural Easement Fund, created in Section 901.21 of the Ohio Revised Code; and the Clean Ohio Trail Fund, created in Section 1519.05 of the Ohio Revised Code.

In June 2013, the Ohio General Assembly enacted HB59, which repealed and replaced debt authorization sections of HB482 and HB487 (enacted in June 2012) for the Clean Ohio Trail Fund, the Clean Ohio Conservation Fund, and Clean Ohio Agriculture Easement Fund. This resulted in an overall increase to the authorizations of \$100 million.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund to the Conservation Projects Bond Service Fund, created under Section 151.09 of the Ohio Revised Code.

STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS ISSUED
For the Six Months Ended December 31, 2021

\$40,450,000

State of Ohio
Conservation Projects General Obligation Bonds
Series 2021A

Dated: 11/10/2021

Date	Principal	Interest	Debt Service
3/1/2022	2,135,000.00	623,604.17	2,758,604.17
9/1/2022	-	957,875.00	957,875.00
3/1/2023	2,410,000.00	957,875.00	3,367,875.00
9/1/2023	-	897,625.00	897,625.00
3/1/2024	2,530,000.00	897,625.00	3,427,625.00
9/1/2024	-	834,375.00	834,375.00
3/1/2025	2,655,000.00	834,375.00	3,489,375.00
9/1/2025	-	768,000.00	768,000.00
3/1/2026	2,785,000.00	768,000.00	3,553,000.00
9/1/2026	-	698,375.00	698,375.00
3/1/2027	2,925,000.00	698,375.00	3,623,375.00
9/1/2027	-	625,250.00	625,250.00
3/1/2028	3,075,000.00	625,250.00	3,700,250.00
9/1/2028	-	548,375.00	548,375.00
3/1/2029	3,225,000.00	548,375.00	3,773,375.00
9/1/2029	-	467,750.00	467,750.00
3/1/2030	3,385,000.00	467,750.00	3,852,750.00
9/1/2030	-	383,125.00	383,125.00
3/1/2031	3,555,000.00	383,125.00	3,938,125.00
9/1/2031	-	294,250.00	294,250.00
3/1/2032	3,735,000.00	294,250.00	4,029,250.00
9/1/2032	-	200,875.00	200,875.00
3/1/2033	3,920,000.00	200,875.00	4,120,875.00
9/1/2033	-	102,875.00	102,875.00
3/1/2034	4,115,000.00	102,875.00	4,217,875.00
Total:	40,450,000.00	14,181,104.17	54,631,104.17

Average Life	7.012 Years
Average Coupon	5.000000%

Net Interest Cost (NIC)	1.603492%
True Interest Cost (TIC)	1.379075%
Bond Yield for Arbitrage Purposes	1.299418%
All Inclusive Cost (AIC)	1.405966%

STATE OF OHIO
CONSERVATION PROJECTS BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

		JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$	2
CASH INFLOWS:		
Transfers from the General Revenue Fund.....		17,601
Bond Proceeds.....		-
Accrued Interest on Bonds Sold.....		-
Interest Earnings.....		2
Unused Administrative Fees.....		-
TOTAL CASH INFLOWS		17,603
CASH OUTFLOWS:		
Principal Paid.....		11,035
Interest Paid.....		6,543
Bond Sale and Miscellaneous Expenses.....		25
TOTAL CASH OUTFLOWS		17,603
CASH BALANCE, December 31, 2021	\$	2

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Conservation Projects Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Conservation Projects Bond Service Fund for future debt service payments. As of December 31, 2021 for this program the Sinking Fund Commission had \$36 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

HIGHER EDUCATION BONDS

On November 2, 1999, voters approved Section 2(n) of Article VIII of the Ohio Constitution, authorizing the issuance of Higher Education Bonds. The vote was: Yes—1,285,277; No—828,426.

Higher Education Bonds finance the costs of facilities for state-supported and state-assisted institutions of higher education. Such costs include, without limitation, the cost of acquisition, construction, improvement, expansion, planning, and equipping.

There is not a limitation specified in the Constitution as to the amount of bond principal that can be outstanding at any one time.

Higher Education Bonds mature no later than December 31 of the 25th calendar year after issuance, except that obligations issued to refund other obligations must mature no later than December 31 of the 25th calendar year after the year in which the original obligation to pay was issued.

Section 2(n) of Article VIII of the Ohio Constitution was initially implemented by the General Assembly with the adoption of SB206, effective September 14, 2000. This legislation set forth, in uncodified law, temporary authority for the Ohio Public Facilities Commission to issue obligations under this section in an aggregate principal amount not to exceed \$150 million (all of which was issued), and specified the purposes and uses of the bond proceeds.

Subsequent to the passage of SB206 and the initial issuance of obligations under this section of the Constitution, the General Assembly passed HB640, which enacted Sections 151.01 and 151.04 of the Ohio Revised Code, effective September 14, 2000, providing for the issuance of Higher Education Bonds after that date by the Ohio Public Facilities Commission.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund to the Higher Education Bond Service Fund, as created under Section 151.04 of the Ohio Revised Code.

STATE OF OHIO
HIGHER EDUCATION BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

		JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$	13
CASH INFLOWS:		
Transfers from the General Revenue Fund.....		221,274
Bond Proceeds.....		-
Accrued Interest on Bonds Sold.....		-
Interest Earnings.....		14
Unused Administrative Fees.....		-
TOTAL CASH INFLOWS		221,288
CASH OUTFLOWS:		
Principal Paid.....		166,305
Interest Paid.....		54,907
Bond Sale and Miscellaneous Expenses.....		75
TOTAL CASH OUTFLOWS		221,287
CASH BALANCE, December 31, 2021	\$	14

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Higher Education Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Higher Education Bond Service Fund for future debt service payments. As of December 31, 2021, for this program the Sinking Fund Commission had \$68 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

HIGHWAY CAPITAL IMPROVEMENTS BONDS

On November 7, 1995, voters approved Section 2(m) of Article VIII of the Ohio Constitution, authorizing the issuance of Highway Capital Improvements Bonds. The vote was: Yes—1,398,467; No—856,505.

Highway Capital Improvements Bonds finance the acquisition, construction, reconstruction, expansion, improvement, planning and equipping of highways, including those in the state highway system and urban extensions thereof, those within or leading to public parks or recreation areas, and those within or leading to municipal corporations, and for participation in such highway capital improvements with municipal corporations, counties, townships, or other governmental entities as designated by law, or any one or more of them, by grants, loans, or contributions to them for any such capital improvements.

No more than \$1.2 billion in bond principal for Highway Capital Improvements can be outstanding at any given time. In any given fiscal year, no more than \$220 million in such bonds may be issued, in addition to any unused portion from the \$220 million allocated to prior fiscal years.

Highway Capital Improvements Bonds mature in not more than 30 years from the date of issuance, or if issued to retire or refund other obligations, within 30 years from the date the debt originally was issued.

Section 2(m) of Article VIII of the Ohio Constitution, was initially implemented by the General Assembly with the adoption of SB 257, in 1996, which enacted Sections 5528.51 to 5528.56 of the Ohio Revised Code.

The authority to issue Highway Capital Improvements Bonds in amounts authorized by the General Assembly was conferred upon the Sinking Fund Commission in SB 257. The Commission's authority to issue additional Highway Capital Improvements Bonds was withdrawn, however, when provisions in HB640 became effective on September 14, 2000. The law enacted Sections 151.01 and 151.06 of the Ohio Revised Code, which called upon the Treasurer of State to become the issuer of the bonds. Section 52 of HB640 provides for the Treasurer of State to supersede the Sinking Fund Commission in all matters relating to the bonds.

Legislation authorizing the issuance of Highway Capital Improvements Bonds further requires that the obligations be issued from time to time in such amounts as are necessary to provide sufficient monies to the credit of the Highway Capital Improvement Fund. This fund was created by Section 5528.53 of the Ohio Revised Code to pay costs charged to that fund as estimated by the Director of the Department of Transportation.

In each year that monies referred to in Section 5(a) of Article XII of the Ohio Constitution are available for the payment of debt service on Highway Capital Improvements Bonds, the monies are to be appropriated thereto, and the required application of any other excise taxes are reduced in corresponding amount. Debt service is paid from the Highway Capital Improvements Bond Service Fund, created under Section 151.06 of the Ohio Revised Code.

STATE OF OHIO
HIGHWAY CAPITAL IMPROVEMENTS BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

		JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$	187
 CASH INFLOWS:		
Transfers from Highway Operating Fund.....		102,319
Bond Proceeds.....		-
Accrued Interest on Bonds Sold.....		-
Interest Earnings.....		7
Unused Administrative Fees.....		-
		102,326
 CASH OUTFLOWS:		
Principal Paid.....		13,630
Interest Paid.....		21,901
Bond Sale and Miscellaneous Expenses.....		30
		35,561
 CASH BALANCE, December 31, 2021	 \$	 66,952

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Highway Capital Improvements Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Highway Capital Improvements Bond Service Fund for future debt service payments. As of December 31, 2021, for this program the Sinking Fund Commission had \$30 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

NATURAL RESOURCES BONDS

On November 2, 1993, voters approved Section 2(l) of Article VIII of the Ohio Constitution, authorizing the issuance of Natural Resources Bonds. The vote was: Yes—1,547,841; No—1,008,182.

Natural Resources Bonds finance or assist in the financing of the costs of capital improvements for state and local parks and land and water recreation facilities; soil and water restoration and protection; land management, including preservation of natural areas and reforestation; water management, including dam safety, stream, and lake management, and flood control and flood damage reduction; fish and wildlife resource management; and other projects that enhance the use and enjoyment of natural resources by individuals. Such capital improvements include, without limitation, the cost of acquisition, construction, reconstruction, expansion, improvement, planning, and equipping.

Not more than \$50 million in principal can be issued in any fiscal year, and not more than \$200 million in principal can be outstanding at any one time.

Natural Resources Bonds must mature within 25 years from the date of issuance, or, if issued to retire or refund other obligations issued under this section, within 25 years from the date the debt was originally issued.

The General Assembly initially implemented Section 2(l) of Article VIII of the Ohio Constitution with the adoption of HB790 in 1994, which enacted Sections 1557.01 et seq. of the Ohio Revised Code. This bill also specified the appropriate uses of proceeds derived from these bonds.

The authority to issue Natural Resources Bonds in amounts authorized by the General Assembly was delegated to the Sinking Fund Commission in HB790. The Commission's authority to issue additional Natural Resources Bonds was withdrawn, however, when provisions in HB640 became effective on September 14, 2000. The law enacted Sections 151.01 and 151.05 of the Ohio Revised Code, which designated the Ohio Public Facilities Commission as the issuer of these bonds. Section 52 of HB640 provides for the Ohio Public Facilities Commission to supersede the Sinking Fund Commission in all matters relating to the bonds.

Legislation authorizing the issuance of Natural Resources Bonds further provides that the bonds are to be dated, issued, and sold from time to time in such amounts as necessary to provide sufficient moneys to the credit of the Ohio Parks and Natural Resources Fund. This fund was created under Section 1557.04 of the Ohio Revised Code to pay costs to service these bonds, as estimated by the Director of the Department of Natural Resources.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified to the Natural Resources Projects Bond Service Fund, as created under Section 151.05 of the Ohio Revised Code.

**STATE OF OHIO
NATURAL RESOURCES BOND SERVICE FUND
Cash Flow Statement**

For the Six Months Ended December 31, 2021 (Dollars in 000s)

	JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$ -
CASH INFLOWS:	
Transfers from the General Revenue Fund.....	5,048
Bond Proceeds.....	-
Accrued Interest on Bonds Sold.....	-
Interest Earnings.....	-
Unused Administrative Fees.....	-
TOTAL CASH INFLOWS	5,048
CASH OUTFLOWS:	
Principal Paid.....	1,945
Interest Paid.....	3,078
Bond Sale and Miscellaneous Expenses.....	25
TOTAL CASH OUTFLOWS	5,048
CASH BALANCE, December 31, 2021	\$ -

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Natural Resources Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Natural Resources Bond Service Fund for future debt service payments. As of December 31, 2021 for this program the Sinking Fund Commission had \$24 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

VETERAN'S COMPENSATION BONDS

On November 3, 2009, voters approved Section 2(r) of Article VIII of the Ohio Constitution, authorizing the issuance of Veteran's Compensation Bonds. The vote was: Yes—2,227,521; No—876,520.

Proceeds from Veteran's Compensation Bonds provide compensation to veterans who have served in active duty in the United States armed forces at any time during the Persian Gulf, Afghanistan, and Iraq conflicts. The State was authorized to issue up to \$200 million in general obligation bonds.

Veteran's Compensation Bonds mature not later than December 31 of the 15th calendar year after issuance, except obligations issued to refund other obligations shall mature not later than December 31 of the 15th calendar year after the year in which the original obligation was issued.

As of December 31, 2013, additional obligations cannot be issued under this section except those issued to retire or refund obligations previously issued.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund to the Veteran's Compensation Bond Service Fund.

STATE OF OHIO
VETERAN'S COMPENSATION BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

	JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$ -
CASH INFLOWS:	
Transfers from the General Revenue Fund.....	184
Bond Proceeds.....	-
Accrued Interest on Bonds Sold.....	-
Interest Earnings.....	-
Unused Administrative Fees.....	-
TOTAL CASH INFLOWS	184
CASH OUTFLOWS:	
Principal Paid.....	-
Interest Paid.....	181
Bond Sale and Miscellaneous Expenses.....	3
TOTAL CASH OUTFLOWS	184
CASH BALANCE, December 31, 2021	\$ -

Interest paid has been rounded down to ensure correct ending cash balance.

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Veteran's Compensation Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Veteran's Compensation Bond Service Fund for future debt service payments. As of December 31, 2021 for this program the Sinking Fund Commission had \$3 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

INFRASTRUCTURE IMPROVEMENT BONDS

On November 3, 1987, voters approved Section 2(k) of Article VIII of the Ohio Constitution, authorizing the issuance of Infrastructure Improvement Bonds. The vote was: Yes—1,674,913; No—689,383.

The bonds financed or assisted in the financing of the costs of public infrastructure capital improvements of municipal corporations, counties, townships, and other governmental entities. Capital improvements included, without limitation, the cost of acquisition, construction, reconstruction, expansion, improvement, planning, and equipping.

Section 2(k) was initially implemented by the General Assembly with the adoption of HB704 in 1988. This enacted Chapter 164 of the Ohio Revised Code, and specified the purposes for which the bond proceeds could be used. The authority to issue Infrastructure Improvement Bonds in amounts authorized by the General Assembly was conferred upon the Treasurer of State.

Under the original authorization, not more than \$120 million in principal could be issued in any calendar year, provided that the aggregate total principal amount of bonds and other obligations issued did not exceed \$1.2 billion. Of the authorized amount, the Treasurer of State issued bonds totaling \$1,199,986,136.

Infrastructure Improvement Bonds mature in not more than 30 years from the date of issuance, or if issued to retire or refund other obligations, within 30 years from the date the debt originally was issued.

On November 7, 1995, voters approved Section 2(m), Article VIII of the Ohio Constitution, authorizing the issuance of additional Infrastructure Improvement Bonds. The vote was: Yes—1,404,834; No—865,698.

Under Section 2(m), the capital improvements were limited to roads and bridges, wastewater treatment systems, water supply systems, solid waste disposal facilities, storm water and sanitary collection, storage, and treatment facilities, including real property, interests in real property, facilities, and equipment related to or incidental thereto, and included, without limitation, the cost of acquisition, construction, reconstruction, expansion, improvement, planning, and equipping.

Not more than \$120 million in principal, plus the principal of Infrastructure Improvement Bonds that in any prior fiscal years could have been but were not issued within the \$120 million fiscal-year limit set forth in Section 2(m), could be issued in any fiscal year; and provided further that no infrastructure obligations be issued pursuant to this section until at least \$1,199,500,000 aggregate principal amount of obligations have been issued pursuant to Section 2(k) of Article VIII.

However, no more than \$1.2 billion in principal could be issued under Section 2(m). If bonds are issued to retire or refund obligations previously issued under Section 2(m), the new bonds are not counted against those fiscal year or total issuance limitations to the extent that their principal amount does not exceed the principal amount of the obligations to be refunded or retired.

The 123rd General Assembly passed HB640, which enacted Sections 151.01 and 151.08 of the Ohio Revised Code, effective September 14, 2000. This bill governed the subsequent issuance of Infrastructure Improvement Bonds. With passage of this bill, the issuing authority remained the Treasurer of State.

Subsequently, the 126th General Assembly passed HB16, which amended Section 151.01 of the Ohio Revised Code, providing for further issuance of such obligations by the Ohio Public Facilities Commission. Section 39.02 of HB16, which went into effect on July 1, 2005, provides for the Ohio Public Facilities Commission to supersede the Treasurer of State in all matters relating to the obligations.

On November 8, 2005, voters approved Section 2(p), Article VIII of the Ohio Constitution, authorizing the issuance of additional Infrastructure Improvement Improvements Bonds. The vote was: Yes—1,512,669; No—1,282,571.

(continued)

INFRASTRUCTURE IMPROVEMENT BONDS
(continued)

Not more than \$120 million in principal amount could be issued in each of the first five fiscal years, and not more than \$150 million in principal amount could be issued in each of the next five fiscal years of issuance, plus in each case the principal amount that in any prior fiscal years could have been but were not issued within those fiscal year limits. No public infrastructure obligations may be issued pursuant to this section until at least \$1,199,500,000 in aggregate principal amount of public infrastructure obligations have been issued pursuant to Section 2(m).

On May 6, 2014, voters approved Section 2(s), Article VIII of the Ohio Constitution, authorizing the issuance of additional Infrastructure Improvement Bonds. The vote was: Yes—797,207; No—427,273.

In addition to the authorizations otherwise contained in Article VIII of the Ohio Constitution, the General Assembly may now provide by law, in accordance with and subject to the limitations of this section, for the issuance of bonds and other obligations of the state for the purpose of financing or assisting in the financing of the cost of public infrastructure capital improvements of municipal corporations, counties, townships, and other government entities as designated by law.

Not more than \$1,875,000,000 in principal amount of state general obligations may be issued under Section 2(s) for public infrastructure capital improvements.

Not more than \$175 million principal amount of those years of issuance, and not more than \$200 million principal amount of those obligations may be issued in each of the next five fiscal years of issuance, plus in each case the principal amount of those obligations that in any prior fiscal year could have been but were not issued within those fiscal year limits. No Public Infrastructure obligations may be issued pursuant to this section until all obligations authorized under section 2 (p) have been issued.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund to the Infrastructure Improvement Bond Service Fund.

STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS ISSUED
For the Six Months Ended December 31, 2021

\$140,710,000

State of Ohio
Infrastructure Improvement General Obligation Bonds
Series 2021A

Dated: 11/10/2021

Date	Principal	Interest	Debt Service
3/1/2022	4,915,000.00	2,058,433.33	6,973,433.33
9/1/2022	-	3,215,125.00	3,215,125.00
3/1/2023	4,490,000.00	3,215,125.00	7,705,125.00
9/1/2023	-	3,102,875.00	3,102,875.00
3/1/2024	4,715,000.00	3,102,875.00	7,817,875.00
9/1/2024	-	2,985,000.00	2,985,000.00
3/1/2025	4,950,000.00	2,985,000.00	7,935,000.00
9/1/2025	-	2,861,250.00	2,861,250.00
3/1/2026	5,200,000.00	2,861,250.00	8,061,250.00
9/1/2026	-	2,731,250.00	2,731,250.00
3/1/2027	5,460,000.00	2,731,250.00	8,191,250.00
9/1/2027	-	2,594,750.00	2,594,750.00
3/1/2028	5,730,000.00	2,594,750.00	8,324,750.00
9/1/2028	-	2,451,500.00	2,451,500.00
3/1/2029	6,015,000.00	2,451,500.00	8,466,500.00
9/1/2029	-	2,301,125.00	2,301,125.00
3/1/2030	6,320,000.00	2,301,125.00	8,621,125.00
9/1/2030	-	2,143,125.00	2,143,125.00
3/1/2031	6,635,000.00	2,143,125.00	8,778,125.00
9/1/2031	-	1,977,250.00	1,977,250.00
3/1/2032	6,965,000.00	1,977,250.00	8,942,250.00
9/1/2032	-	1,803,125.00	1,803,125.00
3/1/2033	7,315,000.00	1,803,125.00	9,118,125.00
9/1/2033	-	1,620,250.00	1,620,250.00
3/1/2034	7,680,000.00	1,620,250.00	9,300,250.00
9/1/2034	-	1,428,250.00	1,428,250.00
3/1/2035	8,065,000.00	1,428,250.00	9,493,250.00
9/1/2035	-	1,226,625.00	1,226,625.00
3/1/2036	8,465,000.00	1,226,625.00	9,691,625.00
9/1/2036	-	1,057,325.00	1,057,325.00
3/1/2037	8,805,000.00	1,057,325.00	9,862,325.00
9/1/2037	-	881,225.00	881,225.00
3/1/2038	9,155,000.00	881,225.00	10,036,225.00
9/1/2038	-	698,125.00	698,125.00
3/1/2039	9,525,000.00	698,125.00	10,223,125.00
9/1/2039	-	507,625.00	507,625.00
3/1/2040	9,905,000.00	507,625.00	10,412,625.00
9/1/2040	-	260,000.00	260,000.00
3/1/2041	10,400,000.00	260,000.00	10,660,000.00
Total:	140,710,000.00	73,750,033.33	214,460,033.33

Average Life	11.293 Years
Average Coupon	4.641240%

Net Interest Cost (NIC)	2.469399%
True Interest Cost (TIC)	2.126021%
Bond Yield for Arbitrage Purposes	1.299418%
All Inclusive Cost (AIC)	2.139864%

STATE OF OHIO
SCHEDULE OF GENERAL OBLIGATION BONDS ISSUED
For the Six Months Ended December 31, 2021

\$47,905,000

State of Ohio
Infrastructure Improvement General Obligation Bonds
Series 2021B (Refunding)

Dated: 11/10/2021

Date	Principal	Interest	Debt Service
2/1/2022	-	538,931.25	538,931.25
8/1/2022	-	1,197,625.00	1,197,625.00
2/1/2023	-	1,197,625.00	1,197,625.00
8/1/2023	-	1,197,625.00	1,197,625.00
2/1/2024	-	1,197,625.00	1,197,625.00
8/1/2024	-	1,197,625.00	1,197,625.00
2/1/2025	4,970,000.00	1,197,625.00	6,167,625.00
8/1/2025	-	1,073,375.00	1,073,375.00
2/1/2026	5,215,000.00	1,073,375.00	6,288,375.00
8/1/2026	-	943,000.00	943,000.00
2/1/2027	5,475,000.00	943,000.00	6,418,000.00
8/1/2027	-	806,125.00	806,125.00
2/1/2028	5,750,000.00	806,125.00	6,556,125.00
8/1/2028	-	662,375.00	662,375.00
2/1/2029	6,035,000.00	662,375.00	6,697,375.00
8/1/2029	-	511,500.00	511,500.00
2/1/2030	6,415,000.00	511,500.00	6,926,500.00
8/1/2030	-	351,125.00	351,125.00
2/1/2031	6,810,000.00	351,125.00	7,161,125.00
8/1/2031	-	180,875.00	180,875.00
2/1/2032	7,235,000.00	180,875.00	7,415,875.00
Total:	47,905,000.00	16,781,431.25	64,686,431.25

Average Life	7.006 Years
Average Coupon	5.000000%

Net Interest Cost (NIC)	1.352548%
True Interest Cost (TIC)	1.174002%
Bond Yield for Arbitrage Purposes	1.299418%
All Inclusive Cost (AIC)	1.199296%
Net Present Value Savings	\$10,832,590.40

STATE OF OHIO
INFRASTRUCTURE IMPROVEMENT BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

		JULY 1, 2021 THROUGH DECEMBER 31, 2021
	\$	6
CASH BALANCE, July 1, 2021	\$	6
CASH INFLOWS:		
Transfers from the General Revenue Fund.....		147,147
Bond Proceeds.....		-
Accrued Interest on Bonds Sold.....		-
Net Receipts from Swap Agreements.....		-
Interest Earnings.....		16
Other.....		-
TOTAL CASH INFLOWS		147,163
CASH OUTFLOWS:		
Principal Paid.....		105,810
Interest Paid.....		40,733
Payments to Bondholders for Accreted Principal on Capital Appreciation Bonds.....		-
Net Payments under Swap Agreements.....		470
Bond Sale and Miscellaneous Expenses.....		140
TOTAL CASH OUTFLOWS		147,153
CASH BALANCE, December 31, 2021	\$	16

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Infrastructure Improvement Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Infrastructure Improvement Bond Service Fund for future debt service payments. As of December 31, 2021 for this program the Sinking Fund Commission had \$165 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

JOB READY SITE DEVELOPMENT BONDS

On November 8, 2005, voters approved Section 2(p) of Article VIII of the Ohio Constitution, authorizing the issuance of Job Ready Site Development Bonds. The vote was: Yes—1,512,669; No—1,282,571.

Proceeds of Job Ready Site Development Bonds finance local government infrastructure, support research and development applicable to high-tech business, and enhance business site development.

Job Ready Site Development Bonds must mature no later than December 31 of the 25th calendar year after issuance, except that obligations issued to refund other obligations can mature not later than December 31 of the 25th calendar year after the year in which the original obligation to pay was issued.

The constitutional amendment limits Job Ready Site Development Bond issuances to \$150 million, with no more than \$30 million in each of the first three fiscal years and no more than \$15 million in any other fiscal year (plus the principal amount of those obligations that in any prior fiscal year could have been but were not issued).

The authority to issue Job Ready Site Development Bonds in amounts authorized by the General Assembly was conferred upon the Ohio Public Facilities Commission in Section 2 of SB236, effective on January 1, 2006.

As of July 1, 2018, additional obligations cannot be issued under this section except those issued to retire or refund obligations previously issued.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund transfer the amount so certified from the State's General Revenue Fund to the Job Ready Site Development Bond Service Fund, as created under Section 151.11 of the Ohio Revised Code.

STATE OF OHIO
JOB READY SITE DEVELOPMENT BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

	JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$ 1
CASH INFLOWS:	
Transfers from the General Revenue Fund.....	4,503
Bond Proceeds.....	-
Accrued Interest on Bonds Sold.....	-
Interest Earnings.....	-
Unused Administrative Fees.....	-
TOTAL CASH INFLOWS	4,503
CASH OUTFLOWS:	
Principal Paid.....	4,325
Interest Paid.....	174
Bond Sale and Miscellaneous Expenses.....	5
TOTAL CASH OUTFLOWS	4,504
CASH BALANCE, December 31, 2021	\$ -

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Job Ready Site Development Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Job Ready Site Development Bond Service Fund for future debt service payments. As of December 31, 2021, for this program the Sinking Fund Commission had \$5 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

THIRD FRONTIER RESEARCH AND DEVELOPMENT BONDS

On November 8, 2005, voters approved Section 2(p) of Article VIII of the Ohio Constitution, authorizing the issuance of Third Frontier Research and Development Bonds. The vote was: Yes—1,512,669; No—1,282,571.

The authority to issue Third Frontier Research and Development Bonds in amounts authorized by the General Assembly was conferred upon the Ohio Public Facilities Commission in Section 2 of SB236, effective on January 1, 2006.

On May 4, 2010, voters approved Section 2(p) of Article VIII of the Ohio Constitution, authorizing additional issuance of Third Frontier Research and Development Bonds. The vote was: Yes-1,050,265; No-650,988.

The State is authorized to issue the Third Frontier Research and Development Bonds to provide financial assistance for research and development in support of Ohio industry, commerce, and business, including research and product innovation, development, and commercialization as provided for by law, but excluding purposes provided for in Section 15 of Article VIII of the Ohio Constitution. The amendment also authorizes state-supported and state-assisted institutions of higher education to issue obligations to pay costs of research and development purposes.

The State was able to issue up to \$450 million in Third Frontier Research and Development Bonds for the period including state fiscal years 2006 through 2011, no more than \$225 million in fiscal year 2012 and no more than \$175 million in any fiscal year thereafter (plus the principal amount of those obligations that in any prior fiscal year could have been but were not issued).

Third Frontier Research and Development Bonds must mature no later than December 31 of the 25th calendar year after issuance, except that obligations issued to refund other obligations can mature not later than December 31 of the 25th calendar year after the year in which the original obligation to pay was issued.

The Commissioners of the Sinking Fund certify to the Director of the Office of Budget and Management the amount necessary to pay debt service on the bonds. Upon consultation with the Director, the Commissioners of the Sinking Fund issued under this section are provided by a transfer from the State's General Revenue Fund to the Third Frontier Research and Development Bond Service Fund, as created under Section 151.10 of the Ohio Revised Code.

STATE OF OHIO
THIRD FRONTIER RESEARCH AND DEVELOPMENT BOND SERVICE FUND
Cash Flow Statement
For the Six Months Ended December 31, 2021 (Dollars in 000s)

	JULY 1, 2021 THROUGH DECEMBER 31, 2021
CASH BALANCE, July 1, 2021	\$ 6
CASH INFLOWS:	
Transfers from the General Revenue Fund.....	43,174
Bond Proceeds.....	-
Accrued Interest on Bonds Sold.....	-
Interest Earnings.....	-
Unused Administrative Fees.....	-
	-
TOTAL CASH INFLOWS	43,174
CASH OUTFLOWS:	
Principal Paid.....	39,200
Interest Paid.....	3,970
Bond Sale and Miscellaneous Expenses.....	5
	5
TOTAL CASH OUTFLOWS	43,175
CASH BALANCE, December 31, 2021	\$ 5

All dollar amounts represented have been rounded to the nearest thousand.

Note:

In addition to the December 31, 2021 cash balance reported above for the Third Frontier Research and Development Bond Service Fund, the Sinking Fund Commission maintains a custodial account with the Treasurer of State's office for allowable expenses related to costs of issuance and other debt related administrative costs. Any monies in the custodial account for these purposes that remain unused are then deposited into the Third Frontier Research and Development Bond Service Fund for future debt service payments. As of December 31, 2021, for this program the Sinking Fund Commission had less than \$1 thousand in cash on hand in a custodial fund with the Treasurer of State's office.

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PREPARED BY THE SINKING FUND COMMISSION

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