

	INVESTMENT POLICY	Resolution Number	20-26
		Resolution Date	03/18/2020
		Effective Date	03/18/2020
		Revision Date	03/18/2020

I. PURPOSE	To set forth the policy (“ <i>Investment Policy</i> ”) of the North Texas Tollway Authority (“ <i>NTTA</i> ”) regarding the investment of its funds and funds under NTTA’s control (“ <i>NTTA Funds</i> ”) including NTTA’s investment strategy (“ <i>Investment Strategy</i> ”) for each fund or group of funds.
II. POLICY STATEMENT	<p>(A) General. NTTA will invest funds to preserve the principal while</p> <ul style="list-style-type: none"> (1) meeting NTTA’s daily cash flow demands, (2) conforming to the requirements of trust agreements and other documents to which NTTA is a party, and (3) complying with all applicable statutes governing the investment of NTTA Funds, including the Public Funds Investment Act, Chapter 2256, Texas Government Code (“<i>PFIA</i>”). <p>(B) Primary Objectives. The primary objectives, in order of priority, of NTTA’s investment activities are:</p> <ul style="list-style-type: none"> (1) <u>Safety</u>: NTTA will invest in a manner that seeks to preserve capital in the overall portfolio. (2) <u>Liquidity</u>: The investment portfolio will remain sufficiently liquid to enable NTTA to meet all its operating requirements that are reasonably anticipated. (3) <u>Diversification</u>: NTTA will diversify its investments by sector and maturity to reduce market and credit risks. (4) <u>Yield</u>: The investment portfolio will be designed to attain a reasonable market yield throughout budgetary and economic cycles, taking into account the investment risk constraints and the cash flow characteristics of the portfolio.

	<p>(C) Buy and Hold Strategy. NTTA will use a “buy and hold” portfolio strategy, purchasing investments with the intent to hold them until maturity. Maturity dates will be matched with cash flow requirements. NTTA may liquidate investments before maturity:</p> <ul style="list-style-type: none"> (1) to minimize loss of capital if an investment is experiencing declining credit, (2) if cash flow needs require that an investment be liquidated, or (3) if a swap with a positive three-month horizon basis can be executed and fits the needs of the portfolio.
<p>III. RESPONSIBILITIES</p>	<p>(A) Investment Officers.</p> <p>(1) NTTA's Board of Directors (“<i>Board</i>”) has designated NTTA's Treasurer, Assistant Treasurer and Controller as NTTA's investment officers, as described in Section 2256.005(f) of the PFIA (each an “<i>Investment Officer</i>” and collectively the “<i>Investment Officers</i>”). Other than pursuant to applicable trust agreements, bond resolutions or other authorizing instruments requiring certain funds be invested by the trustee under a Trust Agreement (each a “<i>Trustee</i>”) upon direction of NTTA, or pursuant to a contract with an investment advisor to NTTA (“<i>Investment Advisor</i>”), the Investment Officers have primary responsibility for all transactions executed under this Investment Policy.</p> <p>(2) The Assistant Treasurer and Controller perform the duties of the Investment Officers at the direction of or in the absence of the Treasurer.</p> <p>(3) The Treasurer or designee must establish a system of controls to regulate the activities of the Trustees, Investment Advisors and any subordinate officials who perform administrative functions related to the investment of NTTA Funds. The system should include references to and controls for (a) safekeeping of securities and collateral, (b) master repurchase agreements, (c) wire transfer agreements, (d) collateral/depository agreements, and (e) banking services contracts. No person may engage in an investment transaction, deposit, withdrawal, transfer, or otherwise manage NTTA Funds except as provided under the terms of this Investment Policy, the</p>

procedures established by the Treasurer, and the provisions of any trust agreement.

(4) The Treasurer or designee must establish written procedures for the operations of the investment of NTTA Funds consistent with this Investment Policy and the provisions of any trust agreement.

(5) In conjunction with the annual financial audit of the NTTA System, the Investment Officers shall review compliance with, and the Treasurer or designee shall revise as necessary, management controls on investments and adherence to the investment policies as set forth in this Investment Policy.

(6) Investment Officers and NTTA's Chief Financial Officer ("*Chief Financial Officer*"), if the Chief Financial Officer is not also the Treasurer, shall attend at least one training session, from an independent source listed in Attachment D to this Investment Policy, containing at least 10 hours of instruction relating to the person's responsibilities under the PFIA (a) within 12 months after taking office or assuming duties of the office and (b) not less than once each fiscal biennium thereafter. The designated training must include education in investment controls, security risks, strategy risks, market risks, diversification of investment portfolio assets, and compliance with the PFIA.

(B) Board of Directors.

(1) The Board is responsible for (a) designating by resolution investment officers required under the PFIA, (b) annually reviewing this Investment Policy and Investment Strategy (Attachment A to this Investment Policy) and, if revisions are approved, adopting by resolution the revised Investment Policy and/or Investment Strategy, and (c) receiving and reviewing quarterly investment reports. The Board shall, at least annually, approve banks, broker/dealers, primary dealers, and insurance companies authorized to engage in investment transactions with NTTA. The Board shall, at least every five years, designate a depository bank pursuant to Section IV(K) of this Investment Policy.

(2) The Board may delegate to a Board committee the responsibility for reviewing NTTA's investment

	<p>portfolio and strategy and for advising the Investment Officers.</p> <p>(C) Investment Advisor. NTTA may, from time to time, employ United States of America (“U.S.”) Securities and Exchange Commission (“SEC”) registered and licensed individuals or firms as an Investment Advisor to assist the Investment Officers in carrying out this Investment Policy and the Investment Strategy and complying with the requirements of the PFIA.</p>
<p>IV. SCOPE</p>	<p>(A) General.</p> <p>(1) This Investment Policy applies to all NTTA financial assets, other than any retirement, deferred compensation or other employee benefit plans maintained by NTTA. These funds are accounted for in NTTA’s annual comprehensive financial reports and defined in the Investment Strategy in Attachment A to this Investment Policy as “Type I Funds,” “Type II Funds,” “Type III Funds,” “Type IV Funds,” “Type V Funds” or “Liquidity Buffer Accounts” (each a “Fund Type”).</p> <p>(2) NTTA may consolidate and commingle cash balances by Fund Type for investment efficiency and maximization of investment earnings. Investment income will be allocated to the various funds based on their respective balances and in accordance with generally accepted accounting principles. Earnings distributions will be reported as part of the investment reports.</p> <p>(B) Standard of Care.</p> <p>(1) Investment Officers will use the “prudent person” standard of care when managing NTTA’s investment portfolio. Pursuant to the PFIA, investments shall be made with judgment and care, under circumstances then prevailing, that persons of prudence, discretion, and intelligence would exercise in the management of their own affairs. Investments will be made not for speculation, but for investment, considering the probable safety of the capital as well as the probable income to be derived.</p> <p>(2) Investment Officers acting in good faith and in accordance with this Investment Policy shall not have personal liability for an individual security’s credit risk or</p>

market price changes, provided deviations from expectations are reported to appropriate supervisors in a timely fashion and appropriate action is taken to control adverse developments.

(3) Investment Officers will take all prudent measures to liquidate investments that are no longer authorized investments under the PFIA and this Investment Policy, including through loss of a minimally-required credit rating under the PFIA or a Trust Agreement. Ratings shall be monitored using nationally recognized financial information sources, including credit rating agency websites. If the credit rating relating to any investment is placed under credit watch by a credit rating agency, Investment Officers shall closely monitor the investment and take such action as is prudent to protect the value of the investment. The status of each investment found to be on negative credit watch must be communicated to appropriate supervisors on a timely basis.

(C) Ethics and Conflicts of Interest.

(1) Investment Officers must refrain from personal business activity that could conflict with the proper execution of this Investment Policy or that could impair their ability to make impartial investment decisions. Investment Officers shall disclose any material interests in financial institutions with which they conduct business. Investment Officers shall further disclose any personal financial/investment positions or business relationships with NTTA investment counterparties that could impact the investment portfolio. Investment Officers are subject to NTTA's Employee Ethics Policy.

(2) Investment Officers shall not undertake personal investment transactions with the same firm or individual with which business is conducted on behalf of NTTA. An Investment Officer who has a personal business relationship with an organization offering to engage in an investment transaction with NTTA shall file a statement disclosing that personal business interest pursuant to the NTTA Ethics Policy. An Investment Officer who is related within the second degree by affinity or consanguinity as determined under the PFIA to an individual seeking to sell an investment to NTTA shall file a statement disclosing that relationship. Any statement required under this subsection must be filed

with the Texas Ethics Commission, the NTTA Secretary, and the NTTA Ethics Officer.

(D) Reporting.

(1) Investment Officers shall prepare and submit to the Board a written investment report on no less than a quarterly basis that complies with PFI requirements and reporting requirements imposed by the Board.

(2) Investment Officers must maintain complete detail and transaction data to record and document investment activity, including competitive bidding.

(3) On an annual basis, an independent auditor shall review the investment reports and report the results of that review to the Board.

(E) Financial Institutions and Broker/Dealers.

(1) At least annually, the Board shall review, revise, and adopt a list of qualified financial institutions that are authorized to engage in investment transactions with NTTA based on recommendations of the Investment Officers. The list of qualified financial institutions is included as Attachment B to this Investment Policy.

(2) Qualified financial institutions shall include only banks, broker/dealers, primary dealers, and insurance companies (for guaranteed investment contracts) doing business in the State of Texas and who are licensed or otherwise registered and in good standing, as applicable, with the Texas State Securities Commission, the Securities and Exchange Commission, the Financial Industry Regulatory Authority (FINRA), or insurance regulatory organizations. Qualification criteria shall also include credit and financial stability, investment product availability, transaction execution expertise, and investment advice. Investment Officers shall obtain and retain basic contact, background, and operational information on each firm.

(3) All business organizations, specifically public funds investment pools and discretionary investment managers, offering to engage in an investment transaction with NTTA must sign the certification form including acceptable amendments thereto, acknowledging that the organization has received and reviewed this Investment Policy and that the

organization has implemented reasonable procedures and controls to prevent investment transactions that are not authorized by this Investment Policy. Re-certification will be executed with any material changes to this Investment Policy. Investment Officers shall have received an executed investment certification before execution of any transactions with the business organization.

(4) NTTA's depository institution shall not be used as a broker/dealer in order to perfect delivery versus payment transactions.

(F) Competitive Offers and/or Bids.

Investment Officers will obtain competitive offers and/or bids from at least three qualified financial institutions for all individual securities purchases and sales except for (1) transactions with money market mutual funds and local government investment pools and (2) new-issue treasury and agency securities through an approved financial institution. The purchase of new-issue treasury and agency securities shall be rotated through qualified broker/dealers. The Investment Officer shall develop and maintain procedures for ensuring competition in the transactions.

(G) Safekeeping.

(1) All securities purchased by NTTA under this Investment Policy or under the terms of a repurchase agreement shall be designated as assets of NTTA, shall be settled on a delivery-versus-payment basis, and shall be stored for safekeeping with an NTTA approved, independent third-party custodian under an executed agreement and providing for original safekeeping receipts/reports.

(2) The Trustee under a Trust Agreement may be designated as a custodian. For funds not held under a Trust Agreement, the custodian shall be a qualified institution of such size and expertise as is necessary to provide the services needed to protect and secure the investment assets of NTTA.

(3) NTTA's independent auditor shall review safekeeping procedures annually.

(H) **Diversification.**

(1) NTTA's policy is to diversify its investment portfolios. Assets shall be diversified to minimize the risk of loss resulting from overconcentration of assets in a specific maturity, a specific issuer, or a specific class of securities. Investment Officers shall determine diversification strategies for all funds and shall review such strategies as required. In establishing specific diversification strategies, the following general policies and constraints shall apply:

(a) Portfolio maturities shall be matched to anticipated liabilities to avoid undue market and liquidity risk.

(b) Maturities selected shall provide for stability of income and liquidity.

(c) Disbursement and payroll dates shall be covered through maturing investments and cash equivalent instruments.

(d) No investment shall have a maturity in excess of five years unless the applicable Trust Agreement authorizes a specific maximum maturity for funds invested pursuant to the Trust Agreement.

(2) Diversification parameters by security type shall not exceed a maximum portfolio percentage of:

	Maximum % of Portfolio
Obligations of the U.S. Treasury:	100%
U.S. government agencies & instrumentalities:	90%
Obligations of the State of Texas or any U.S. state, its agencies, and Instrumentalities:	20%
Fully insured or collateralized CDs — maximum by issuer:	10%
Repurchase agreements:	20%

	<ul style="list-style-type: none"> Flex repurchase agreements for bond funds: 100%
	Bankers acceptances: 5%
	Commercial paper: 20%
	<ul style="list-style-type: none"> Maximum by issuer: 10% Maximum by industry: 10%
	Money market funds: 25%
	<ul style="list-style-type: none"> Maximum percent ownership of fund: 5%
	Mutual funds: 10%
	<ul style="list-style-type: none"> Maximum percent ownership of fund: 5%
	Constant dollar local government investment pools: 70%
	<ul style="list-style-type: none"> Maximum percent ownership of pool: 10%
	Interest Bearing Savings Accounts: 25%
	<p>(I) Authorized NTTA System Investments.</p> <p>(1) In accordance with applicable federal and state laws and the trust agreement for obligations secured by the revenues of the North Texas Tollway Authority System, and in furtherance of the Investment Strategy, only the following investment types, as further defined by the PFIA or such trust agreement, are authorized for the investment of NTTA Funds in funds and accounts created under such trust agreement:</p> <p>(a) Direct and senior obligations of the U.S., its agencies and instrumentalities, with a stated maturity not to exceed five years.</p> <p>(b) Direct and senior obligations of the State of Texas or any U.S. state, including their agencies and instrumentalities, counties, cities, and other political subdivisions rated not less than "A" or its equivalent by two nationally recognized credit</p>

rating agencies, with a stated maturity not to exceed five years.

(c) Certificates of deposit issued by or through a depository institution that has its main office or a branch office in the State of Texas that are

(i) guaranteed or insured by the Federal Deposit Insurance Corporation, National Credit Union Share Insurance Fund, or its successor(s) and/or

(ii) secured by obligations described in Section IV (I) (1) (a) or (b) of this Investment Policy, with a stated maturity not to exceed one year.

(d) Direct and reverse repurchase agreements as defined by the PFIA under the terms of a Securities Industry and Financial Markets Association Master Repurchase Agreement and collateralized in accordance with this Investment Policy. Bond proceeds may be invested in a single flex repurchase agreement if the Executive Director and the Chief Financial Officer determine that such an investment is necessary

(i) to comply with federal tax arbitrage restrictions,

(ii) to facilitate arbitrage record-keeping, calculations, and expenditure draws, or

(iii) to lock in positive yields in a declining interest rate environment.

The term of any direct repurchase agreement may not exceed one year, except that the term of a flex repurchase agreement used for bond proceeds may exceed one year but must be based on the expenditure plan of the bonds.

The term of any reverse repurchase agreement may not exceed 90 days after the date the reverse repurchase agreement is delivered. Money received by NTTA under the terms of a reverse repurchase agreement shall be used to acquire additional authorized investments, but the stated maturity of authorized investments acquired must

	<p>not exceed the expiration date of the reverse repurchase agreement.</p> <p>(e) Banker's acceptances with a stated maturity of 180 days or less and whose endorsing banks are constantly monitored as to financial solvency by the Investment Officers.</p> <p>(f) Commercial paper rated not less than "A1"/"P1" (or an equivalent rating) by at least two nationally recognized credit rating agencies with a stated maturity of 365 days or less.</p> <p>(g) AAA-rated, SEC registered, no-load money market mutual funds.</p> <p>(h) AAA-rated, SEC registered, no-load mutual funds with an average weighted maturity of less than two years and invested exclusively in obligations described by Section IV (l) of this Investment Policy, continuously rated as to investment quality by at least one nationally recognized credit rating agency. Such no-load mutual funds are not authorized for bond proceeds, reserves, and funds held for debt service in accordance with the PFIA.</p> <p>(i) Constant dollar, Texas local government investment pools as described by the PFIA and authorized by the Board.</p> <p>(j) Collateralized guaranteed investment contracts ("GICs"), with a defined termination date and secured by direct obligations of the U.S. or its agencies and instrumentalities and pledged to NTTA. GICs are restricted to use for investment of bond proceeds.</p> <p>(k) Interest bearing bank savings deposits issued by state and national banks or a savings bank or a state or federal credit union (having its main or branch office in Texas) that are guaranteed or insured by the Federal Deposit Insurance Corporation or the National Credit Union Share Insurance Fund (or their successor organizations). Also included are collateralized interest bearing savings deposits that have secured the uninsured portion of deposits with</p>
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obligations of the U.S. Treasury and/or Federal agencies and instrumentalities.

(2) Maximum maturities for any authorized investment by Fund type are established in the Investment Strategy.

(J) Proxy Voting.

An Investment Officer shall execute and deliver any proxies for mutual funds to be voted on behalf of NTTA based upon the Investment Officer's determination as to what vote would be most beneficial to NTTA.

(K) Depository Designation.

(1) NTTA will designate one banking institution through a competitive procurement process as NTTA's depository and central banking services provider at least once every five years. Factors in selecting a depository shall include the services provided, cost of services provided, credit worthiness, earnings potential, and collateralization of each banking institution. This institution will be used for normal banking services, including disbursements, deposits, and safekeeping of securities.

(2) Depository agreements executed in accordance with the U.S. Financial Institutions Reform, Recovery and Enforcement Act of 1989 ("FIRREA") will be established before funds are transferred to a depository.

(3) Other banking institutions from which NTTA may purchase certificates of deposit will execute a written depository and collateral contract in accordance with the provisions of this Investment Policy.

(L) Depository Collateral.

(1) Consistent with the requirements of the Texas Public Funds Collateral Act, Chapter 2257, Texas Government Code ("*Collateral Act*"), NTTA requires full collateralization of all NTTA Funds on deposit with a depository bank.

(2) All time and demand deposits will be collateralized in order to anticipate market price changes to a minimum 102% of market value of principal and accrued interest, less the amount insured

by the Federal Deposit Insurance Corporation. The depository shall be liable for the monitoring and maintaining of collateralization margins. Securities shall be held by an independent third-party with whom NTTA has a current custodial agreement approved by the Board and executed under the terms of FIRREA. Acceptable investment securities for collateral will include only obligations of the U.S., its agencies and instrumentalities, including agency letters of credit and mortgage-backed securities passing the bank test.

(3) An Investment Officer will review and approve provisions relating to safekeeping of collateral, the substitution or release of investment securities, and the method of valuation of securities. Clearly marked evidences of ownership (safekeeping receipt/report) must be supplied immediately to NTTA and retained. Collateral will be priced at least monthly and reviewed by an Investment Officer on a monthly basis to assure that the market value of the pledged securities is adequate.

(M) Repurchase and GIC Collateral.

Each counterparty to a repurchase agreement or GIC is required to execute a master agreement. An executed copy of this master agreement must be on file before any transactions are initiated. Collateral will be in compliance with this Investment Policy and the Collateral Act and will be held in safekeeping by an independent custodian approved by NTTA. Acceptable investment securities for collateral will include only obligations of the U.S., its agencies and instrumentalities, including agency letters of credit and mortgage backed securities with a stated maturity not to exceed ten years.



NORTH TEXAS TOLLWAY AUTHORITY

INVESTMENT STRATEGY (Attachment A to the Investment Policy)	Resolution Number	20-26
	Effective Date	3/18/2020
	Revision Number	9
	Revision Date	3/18/2020

I. PURPOSE	To set forth the investment strategy (the “ <i>Investment Strategy</i> ”) of the North Texas Tollway Authority (“ <i>NTTA</i> ”) for each of the funds or group of funds under <i>NTTA</i> ’s control. This Investment Strategy is an integral part of the Investment Policy. Capitalized terms used in this Investment Strategy that are not otherwise defined herein shall have the meanings assigned to such terms in the Investment Policy.
II. RESPONSIBILITIES	All Investment Officers are responsible for complying with this Investment Strategy in conjunction with the Investment Policy.
III. INVESTMENT STRATEGY	<p>(A) General.</p> <p>(1) In accordance with the PFIA, <i>NTTA</i> investment strategies establish maximum maturities and maximum dollar-weighted average maturity limits for each fund or group of funds constituting <i>NTTA</i> Funds and address the investment objectives for those funds (in order of importance):</p> <ul style="list-style-type: none"> (a) suitability of the investment to the financial requirements of <i>NTTA</i> and the particular Fund Type; (b) preservation and safety of principal; (c) liquidity; (d) marketability of the investment if the need arises to liquidate the investment prior to maturity; (e) diversification of the investment portfolio; and (f) yield. <p>(2) Effective investment strategy development coordinates the primary objectives of <i>NTTA</i>’s Investment Policy and cash management procedures with investment security risk/return analysis to enhance investment earnings and reduce investment risk. <i>NTTA</i> will generally utilize a buy and hold strategy but will evaluate more active strategies, such as swaps or outright sales of securities, for incremental income when appropriate. The structure of the portfolio(s) will be primarily dependent upon the continuing cash flow requirements of the funds represented. The portfolio(s) will reflect both the short-</p>

and long-term needs of a particular fund or group of funds. A limited liquidity buffer will be maintained to cover any unanticipated cash needs, where appropriate.

(3) With a more active position, maturity selections may be extended to gain incremental income or adjust portfolios to economic and market conditions. It is recognized that more active management may increase the overall weighted average maturity of the portfolios due to additional volatility.

(4) The Investment Officers shall monitor and evaluate the ongoing economic environment and incorporate market information from reliable sources as well as current and anticipated NTTA financial conditions when implementing these strategies. A report of NTTA's current strategy and anticipated changes shall be reported to the Board and Finance, Audit, and Administration Committee as part of the quarterly investment reporting.

(5) NTTA expects, but is not required by law, to consolidate and commingle funds from similar Fund Types or all funds in an attempt to maximize investment earnings. Investment income, by fund, will be recognized and allocated monthly, based on respective fund balances for the period in accordance with generally accepted accounting principles.

(B) Fund Type Identification.

(1) Each Fund Type has varying cash flow requirements and liquidity needs. Therefore, specific investment strategies shall be implemented considering the Fund Type's unique requirements. NTTA funds shall be analyzed and invested according to the following Fund Types:

(a) "*Type I Funds*": Type I Funds have varying cash needs in support of ongoing operations and required transfers. Type I Funds include the Operating and Maintenance Fund, Revenue Fund and Reserve Maintenance Fund under the Trust Agreement for the NTTA System revenue bonds and notes (the "*NTTA System Trust Agreement*"). Type I Funds also include the Enterprise Fund, SH360 Fund, and other funds controlled by NTTA.

(b) "*Type II Funds*": Type II Funds have cash needs dependent upon anticipated construction, acquisition, and payment schedules. Type II Funds

include the Construction Fund and the Capital Improvement Fund under the NTTA System Trust Agreement and NTTA's Feasibility Study Fund.

(c) "*Type III Funds*": Type III Funds are held as reserves to be used only under certain conditions that warrant the use of the funds for either operational or debt service protection. Type III Funds include the Debt Service Reserve Accounts under the NTTA System Trust Agreement and the CIF Rainy Day Fund.

(d) "*Type IV Funds*": Type IV Funds are structured to provide for debt service payments for the NTTA System revenue bonds and notes. Type IV Funds include the Bond Interest Accounts and the Redemption Accounts under the NTTA System Trust Agreement and the CIF Bond Payment Account in the Capital Improvement Fund created under the Bond Resolution for the NTTA System Subordinate Lien Revenue Bonds, Series 2010.

(C) Investment Strategy By Type.

(1) In order to minimize market risk and/or principal loss due to interest rate fluctuations, investment maturities and portfolio structures will be limited by the anticipated cash flow requirements of the various Fund Types. The use of a liquidity buffer in a Fund Type is to provide for unanticipated liabilities. The general investment strategies are established by Fund Type as follows:

(a) Type I Funds.

(i) The short term (up to six months) needs of the Type I Funds will generally be addressed through a laddered portfolio and the longer term (six to twelve months) needs of the Type I Funds will be in a more loosely structured ladder. Core funds, not intended for use within one year, may be extended to three years.

(ii) Type I Funds are used to meet ongoing demands. The portfolio(s) will utilize high credit quality securities with no perceived credit risk to meet those demands and assure liquidity if needed. Securities with active and efficient secondary markets are necessary in the event of an unanticipated cash

requirement. Historical market "spreads" between the bid and offer prices of a particular security type of less than a quarter of a percentage point shall define an efficient secondary market. Investment maturities shall be laddered based on the anticipated operating needs of NTTA. Market cycle risk will be reduced by diversifying the appropriate maturity structure. Because Type I Funds require the greatest short-term liquidity of any of the Fund Types, investment pools and money market mutual funds can provide daily liquidity.

(iii) Type I Fund portfolio(s) will be restricted to a maximum dollar weighted average maturity of one year but investments may have maturities of up to three years.

(b) Type II Funds.

(i) Type II Funds are used to meet anticipated needs for construction and certain fixed liabilities, are primarily funded by bond proceeds, and have reasonably predictable draw-down schedules.

(ii) Investment maturities will generally follow the anticipated cash flow requirements. Investment pools and money market mutual funds shall provide readily available funds generally equal to one month's anticipated cash flow needs. The portfolio(s) must be based upon the anticipated draw-down schedules, but also must allow for changing schedules and cash needs and must minimize the effect of market fluctuations. As such, Type II Funds require a laddered portfolio based on known needs and a liquidity buffer to provide for unanticipated needs.

(iii) Securities with active and efficient secondary markets and of high credit quality with no perceived default risk are to be used.

(iv) A single flex repurchase agreement may be utilized and structured to satisfy expenditure requests. The flex repurchase agreement may be used effectively to manage

against falling interest rates and protect against negative arbitrage.

(v) U.S. tax and arbitrage regulations require competitive market rates. The portfolio(s) will be structured in such a way as to avoid negative arbitrage on bond proceeds and will comply with all arbitrage provisions. For Type II Funds that have an arbitrage yield consideration, achieving a positive spread to the applicable arbitrage yield is the desired objective. If an arbitrage yield is not a consideration, then current market conditions will determine the portfolio structure and strategy.

(vi) At no time shall the investment maturities of securities in a Type II Fund exceed the anticipated expenditure schedule. The maximum maturity limits shall reflect the most current expenditure plan for the proceeds.

(c) Type III Funds.

(i) Type III Funds include the Capital Improvement Fund Rainy Day Fund for operational protection and the Debt Service Reserve Funds. Debt Service Reserve Funds are created to provide debt service payment protection to the NTTA bondholders. The unused funds will be either utilized for the final debt service payment on an issue, or "returned" to NTTA at the final debt service payment. Any investment described in the applicable Trust Agreement and authorized in the Investment Policy is suitable for Type III Funds. Trust Agreement constraints and credit enhancement provider restrictions create issue-specific considerations in addition to the Investment Policy. Managing Debt Service Reserve Fund portfolio maturities so as not to exceed the call provisions of the bond issue will reduce the investment's market risk if NTTA's bonds are called and the reserve fund liquidated.

(ii) All investments shall be high credit quality securities with no perceived default risk. Annual mark-to-market requirements or specific maturity and average life limitations

	<p>within the bond issues' Trust Agreement will be considered. Securities with less active and efficient secondary markets are acceptable for Type III Funds. Liquidity needs are minimal.</p> <p>(iii) Attaining a competitive market yield for comparable security types and portfolio restrictions is the desired objective. The maximum maturity for the investments shall be five years or the final maturity of any applicable bond issue, whichever is shorter. The dollar weighted average maturity will be restricted to the projected expenditures over time.</p> <p>(d) <u>Type IV Funds.</u></p> <p>(i) Type IV funds are structured to provide for debt service payments for NTTA bonds and notes. The expenditures are strictly scheduled and most occur in six month intervals. The portfolio(s) will utilize high credit quality securities with no perceived credit risk to meet those demands and assure liquidity if needed.</p> <p>(ii) The maximum maturity for the investments in these portfolios will be one year and every known debt service date shall be fully funded before extensions are made. The maximum dollar weighted average maturity will be six months to fulfill these obligations.</p>
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ATTACHMENT B
NORTH TEXAS TOLLWAY AUTHORITY
QUALIFIED FINANCIAL INSTITUTIONS

Adopted: March 18, 2020

The qualified financial institutions listed below are authorized to engage in investment transactions with the North Texas Tollway Authority ("NTTA"). Each of these firms, and the individual(s) covering the account, has been sent NTTA's current Investment Policy. NTTA's Investment Policy establishes specific criteria for the counter-parties and requires that the list of qualified financial institutions be approved annually by the Board of Directors.

When any material changes are made to the Investment Policy, the new Policy will be provided to each of these firms.

FIRMS

Alamo Capital
Castleoak Securities
Duncan Williams, Inc.
FTN Financial
Multi-Bank Securities
Piper Sandler
Raymond James
RBC Capital Markets, LLC
Samuel A. Ramirez & Co.
Stiefel, Nicolaus & Company, Inc.
UBS Financial Services
Vining Sparks IBG, L.P.
Wells Fargo Securities

DEPOSITORY BANK

Wells Fargo Bank

OTHER BANKING INSTITUTIONS

Bank of America
Truist Financial Corp.

**ATTACHMENT C
NORTH TEXAS TOLLWAY AUTHORITY
INVESTMENT POLICY CERTIFICATION**

_____ (the “Business Organization”)

This acknowledgment and certification is executed on behalf of the Business Organization named above, pursuant to the Investment Policy of the North Texas Tollway Authority (“NTTA”) in connection with investment transactions between NTTA and the Business Organization.

Representations by Business Organization

The undersigned Qualified Representative of the Business Organization hereby acknowledges and represents that:

- 1) The Representative is an authorized representative of the Business Organization for purpose of this certification.
- 2) The Business Organization has received and reviewed NTTA's Investment Policy of NTTA and the Business Organization has determined that it is qualified to provide investment transactions under the Investment Policy.
- 3) The Business Organization has implemented reasonable procedures and controls in an effort to preclude investment transactions with NTTA that are not authorized under the Investment Policy, except to the extent that this authorization is dependent on an analysis of the makeup of NTTA's entire portfolio or requires an interpretation of the subjective investment standards.

Signature

Notary Public

Printed Name

Printed Name

Title

Date

Date

Seal

ATTACHMENT D
NORTH TEXAS TOLLWAY AUTHORITY
AUTHORIZED INSTITUTIONS FOR
PUBLIC FUND INVESTMENT ACT TRAINING

University of North Texas

Government Treasurers' of Texas (GTOT)

Government Finance Officers Association (GFOA)

Government Finance Officers Association of Texas (GFOAT)