

**SUPPLEMENTAL TRUST INDENTURE NO. 53**

Dated as of January 1, 2020

by and between

**PENNSYLVANIA TURNPIKE COMMISSION  
AND**

**U.S. BANK NATIONAL ASSOCIATION,  
as Trustee**

Supplementing

AMENDED AND RESTATED TRUST INDENTURE

Originally dated as of July 1, 1986

Amended and Restated as of March 1, 2001

Securing

\$179,100,000

Pennsylvania Turnpike Commission  
Turnpike Revenue Refunding Bonds  
First Series of 2020 (Federally Taxable)

and

\$55,220,000

Pennsylvania Turnpike Commission  
Turnpike Revenue Refunding Bonds  
First Series of 2020 (Federally Taxable), Sub-series A

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## SUPPLEMENTAL TRUST INDENTURE NO. 53

This **SUPPLEMENTAL TRUST INDENTURE NO. 53** (this “Supplemental Indenture”) is dated as of January 1, 2020, by and between PENNSYLVANIA TURNPIKE COMMISSION (the “Commission”), an instrumentality of the Commonwealth of Pennsylvania (the “Commonwealth”), and U.S. BANK NATIONAL ASSOCIATION (successor trustee to First Union National Bank), as trustee (the “Trustee”), a national banking association organized and existing under the laws of the United States of America.

### RECITALS:

**WHEREAS**, the Commission has previously issued various series of its Pennsylvania Turnpike Revenue Bonds pursuant to an Indenture of Trust dated as of July 1, 1986 between the Commission and the Trustee, as supplemented and amended from time to time (the “1986 Indenture”); and

**WHEREAS**, in order to provide the Commission, among other things, greater flexibility in conducting its operations and in financing its capital needs, the Commission and the Trustee entered into an Amended and Restated Trust Indenture dated as of March 1, 2001 amending and restating the 1986 Indenture in its entirety (the “Restated Indenture”), as amended and supplemented from time to time, pursuant to which other series of Turnpike Revenue Bonds (as hereinafter defined) have been issued (the Turnpike Revenue Bonds issued pursuant to the 1986 Indenture and the Indenture (as defined below) are referred to collectively as the “Bonds”); and

**WHEREAS**, the Restated Indenture provides that it may be amended without the consent of the Bondholders through the execution of a Supplemental Indenture (as defined in the Restated Indenture) for purposes, among others, of issuing Additional Bonds (as defined in the Restated Indenture); and

**WHEREAS**, the Commission has, by resolutions (collectively, the “Resolution”) adopted on October 7, 2019, duly authorized, *inter alia*, the refunding of outstanding turnpike revenue or other bonds, notes, or other obligations previously issued by the Commission; and

**WHEREAS**, the Commission has designated a portion of the Additional Bonds to be issued pursuant to the Restated Indenture and this Supplemental Indenture (the Restated Indenture, as amended and supplemented through the date hereof, including being amended and supplemented by this Supplemental Indenture and as it may be further amended and supplemented from time to time, is referred to hereinafter as the “Indenture”) as (i) the “Pennsylvania Turnpike Commission Turnpike Revenue Refunding Bonds, First Series of 2020 (Federally Taxable)” issued in the aggregate principal amount of \$179,100,000 (the “First Series Bonds”) and (ii) the Pennsylvania Turnpike Commission Turnpike Revenue Refunding Bonds, First Series of 2020 (Federally Taxable), Sub-series A issued in the aggregate principal amount of \$55,220,000 (the “Sub-series Bonds” and together with the First Series Bonds, collectively, the “2020 First Series Bonds”); and

**WHEREAS**, the Commission is issuing the 2020 First Series Bonds for the purposes of financing the costs of (i) advance refunding certain Bonds; (ii) funding necessary reserves to the

extent required for such financing; (iii) if necessary, obtaining one or more credit facilities in connection with the 2020 First Series Bonds; and (iv) issuing the 2020 First Series Bonds; and

**WHEREAS**, all things have been done which are necessary for making the 2020 First Series Bonds, when authenticated and issued as provided in the Indenture, the valid, binding and legal obligations of the Commission according to the import thereof, and for the execution and delivery of this Supplemental Indenture:

**NOW, THEREFORE, THIS SUPPLEMENTAL INDENTURE**

**WITNESSETH:**

In addition to and in confirmation of the granting clauses set forth in the Indenture, the Commission, in consideration of the premises and the acceptance by the Trustee of the trusts hereby created and of the purchase and acceptance of the 2020 First Series Bonds by the Owners thereof, and for other good and valuable consideration, the receipt of which is hereby acknowledged, in order to secure the payment of the principal of, premium, if any, and interest on, the 2020 First Series Bonds according to their tenor and effect, and to secure the performance and observance by the Commission of all the covenants expressed or implied herein and in the 2020 First Series Bonds, does hereby sell, assign, transfer, set over and pledge to the Trustee, its successors in the trust and to its and their assigns forever, to the extent provided in the Indenture, the Trust Estate (as defined in the Restated Indenture);

TO HAVE AND TO HOLD all and singular the Trust Estate whether now owned or hereafter acquired unto the Trustee and its respective successors in trust and assigns forever, so that the principal of, premium, if any, and interest on all Bonds (as defined in the Restated Indenture) shall be equally and proportionately secured hereby, except as may be otherwise provided in the Indenture.

**ARTICLE 1 – DEFINITIONS**

**1.01 Additional Definitions.**

All terms used as defined terms in the Indenture are used with the same meanings herein (including the use thereof in the recitals and granting clause hereof) unless expressly given a different meaning herein or unless the context clearly otherwise requires. All terms used herein which are defined in the recitals hereto shall have the meanings given to the same therein unless the context clearly otherwise requires and, in addition, the following terms shall have the meanings specified below:

“2020 First Series Bond” or “2020 First Series Bonds” has the meaning given to this term in the recitals.

“2020 First Series Clearing Fund” means the fund so designated pursuant to Section 3.01.

“Authenticating Agent” means the Trustee.

“Authorized Denominations” means, with respect to the 2020 First Series Bonds, \$5,000 and any integral multiple thereof.

“Beneficial Owner” means the beneficial owner of any 2020 First Series Bond which is held by a nominee.

“Bond Register” means the registration books of the Commission kept by the Trustee to evidence the registration and transfer of Bonds.

“Bond Registrar” means the Trustee when acting as such, and any other bank or trust company designated and at the time serving as bond registrar hereunder.

“Business Day” means a day other than (i) a Saturday and Sunday, (ii) a day on which the Trustee, Paying Agent or banks and trust companies in New York, New York are authorized or required to remain closed, or (iii) a day on which the New York Stock Exchange is closed.

“Cede & Co.” means Cede & Co., as nominee name of The Depository Trust Company, New York, New York.

“Code” means the Internal Revenue Code of 1986, as amended, and, when appropriate, any statutory predecessor or successor thereto, and all applicable regulations (whether proposed, temporary or final) thereunder and any applicable official rulings, announcements, notices, procedures and judicial determinations relating to the foregoing.

“Co-Bond Counsel” means Stradley Ronon Stevens & Young, LLP, and Powell Law, PC.

“Dated Date” shall have the meaning set forth in Section 2.02(e) hereof.

“Defaulted Interest” means interest on any 2020 First Series Bond which is payable but not paid on the date due.

“Escrow Agent” means U.S. Bank National Association, in its capacity as Escrow Agent under the Escrow Deposit Agreement.

“Escrow Deposit Agreement” means the Escrow Deposit Agreement, dated as of January 30, 2020, between the Commission and the Escrow Agent with respect to the 2020 First Series Bonds.

“Interest Payment Date” means with respect to the 2020 First Series Bonds each June 1 and December 1, commencing June 1, 2020.

“Outstanding” means, when used with reference to 2020 First Series Bonds, as of a particular date, all 2020 First Series Bonds theretofore authenticated and delivered, except: (a) 2020 First Series Bonds theretofore canceled by the Trustee or delivered to the Trustee for cancellation pursuant to the provisions hereof; (b) 2020 First Series Bonds which are deemed to have been paid in accordance with the provisions hereof; and (c) 2020 First Series Bonds in exchange for or in lieu of which other 2020 First Series Bonds have been authenticated and delivered pursuant to the provisions hereof.

“Owner,” “Holder,” “Bondowner,” “Bondholder” or “Registered Owner” means the Person in whose name a Bond is registered on the Bond Register.

“Participants” means those financial institutions for whom the Securities Depository effects book-entry transfers and pledges of securities deposited with the Securities Depository, as such listing of Participants exists at the time of such reference.

“Principal Office” means, with respect to any entity performing functions under any Bond Document, unless otherwise indicated, the principal office of that entity or its affiliate at which those functions are performed.

“Record Date” means, with respect to any Interest Payment Date for the 2020 First Series Bonds, the fifteenth day (whether or not a Business Day) of the month immediately preceding such Interest Payment Date.

“Representation Letter” means the representation letter from the Commission, the Trustee and the Paying Agent to DTC dated the Series Issue Date or, if the Commission has executed and delivered a Blanket Letter of Representations in favor of DTC, such Blanket Letter of Representations.

“Representative” means Morgan Stanley and Co. LLC, as the senior manager of the underwriters of the First Series Bonds.

“Reserve Requirement Deposit” means, with respect to the 2020 First Series Bonds, an amount sufficient to cause the Debt Service Reserve Fund Requirement of the Indenture to be met taking into account the issuance of the 2020 First Series Bonds on the Series Issue Date.

“Securities Depository” means, initially, The Depository Trust Company, New York, New York, and its successors and assigns and any successor Securities Depository appointed pursuant to Article 4.

“Series” means each of the 2020 First Series Bonds.

“Series Issue Date” shall have the meaning provided in Section 2.02(e) hereof.

“Sole Underwriter” means Morgan Stanley & Co. LLC, acting as underwriter of the Sub-series Bonds.

“Special Record Date” means the date fixed by the Trustee pursuant to Section 2.04(e) for the payment of Defaulted Interest.

“Trust Estate” means the Trust Estate described in the Granting Clauses of the Indenture.

“Trustee” means U.S. Bank National Association, a national banking association organized and existing under the laws of the United States of America and its successor and any entity resulting from or surviving any consolidation or merger to which it or its successors may be a party and any successor trustee at the time serving as successor trustee hereunder.

“Written Request” means a request in writing signed by the Commission Official or any other officers designated by the Commission to sign such Written Request.

## **1.02 Rules of Construction; Time of Day.**

In this Supplemental Indenture, unless otherwise indicated, (i) defined terms may be used in the singular or the plural, (ii) the use of any gender includes all genders, (iii) the words “hereof”, “herein”, “hereto”, “hereby” and “hereunder” (except in the forms of the 2020 First Series Bonds) refer to this Supplemental Indenture, and (iv) all references to particular Articles or Sections are references to the Articles or Sections of this Supplemental Indenture unless otherwise specified. References to any time of the day in this Supplemental Indenture shall refer to eastern standard time or eastern daylight saving time, as in effect in the City of New York, New York on such day. All references to rating categories established by a Rating Agency shall be without reference to subcategories.

## **ARTICLE 2 – THE 2020 FIRST SERIES BONDS**

### **2.01 Amount, Form and Issuance of 2020 First Series Bonds.**

(a) An aggregate principal amount of \$234,320,000 of 2020 First Series Bonds are authorized for issuance pursuant to this Supplemental Indenture, all of which will be issued on the Series Issue Date. All First Series Bonds shall contain substantially the terms recited in the form of First Series Bond attached hereto as Exhibit A and incorporated herein by this reference. All Sub-series Bonds shall contain substantially the terms recited in the form of Sub-series Bond attached hereto as Exhibit B and incorporated herein by this reference. All 2020 First Series Bonds shall provide that principal (or redemption price) and interest in respect thereof shall be payable only out of the Trust Estate. The Commission shall cause a copy of the text of the opinion of Co-Bond Counsel delivered in connection with the issuance of the 2020 First Series Bonds to be printed on or attached to the 2020 First Series Bonds and shall cause to be placed on deposit with the Authenticating Agent executed counterparts of such opinion. The Authenticating Agent shall certify to the correctness of the copies appearing on the 2020 First Series Bonds by manual or facsimile signature. Pursuant to recommendations promulgated by the Committee on Uniform Security Identification Procedures, “CUSIP” and ISIN numbers may be printed on the 2020 First Series Bonds. Additionally, pursuant to the procedures promulgated by Euroclear Bank S.A./N.V., Common Codes may be printed on the 2020 First Series Bonds. The 2020 First Series Bonds may bear an endorsement or legend satisfactory to the Paying Agent, as may be required to conform to usage or law with respect thereto.

(b) Upon the execution and delivery hereof, the Commission shall execute the 2020 First Series Bonds and deliver them to the Authenticating Agent for authentication. At the direction of the Commission, the Authenticating Agent shall authenticate the 2020 First Series Bonds and deliver them to the purchasers thereof.

### **2.02 Designation, Denominations, Maturity Dates and Interest Accrual.**

(a) The First Series Bonds shall be designated “Pennsylvania Turnpike Commission Turnpike Revenue Refunding Bonds, First Series of 2020 (Federally Taxable).” The First Series



Bonds shall be issuable as fully registered bonds without coupons in Authorized Denominations. Any future changes in the designation of the First Series Bonds shall be as determined by the Commission.

(b) The First Series Bonds shall mature on the dates and in the principal amounts, and shall bear interest at the rates, set forth below, subject to prior redemption as provided in Article 4 and in the form of First Series Bonds attached to this Supplemental Indenture as Exhibit A. Interest on the First Series Bonds shall be computed on the basis of a 360-day year of twelve 30-day months.

Maturity Date (December 1)	Principal Amount	Interest Rate
	\$	%
2020	\$435,000	1.808%
2021	845,000	1.858
2022	860,000	1.962
2023	875,000	1.999
2024	895,000	2.099
2025	910,000	2.255
2026	935,000	2.355
2027	955,000	2.533
2028	980,000	2.583
2029	1,005,000	2.633
2030	1,030,000	2.733
2031	1,060,000	2.833
2032	1,090,000	2.933
2033	8,835,000	2.983
2034	19,340,000	3.033
2039	65,470,000	3.337
2043	73,580,000	3.437

(c) The Sub-series Bonds shall be designated “Pennsylvania Turnpike Commission Turnpike Revenue Refunding Bonds, First Series of 2020 (Federally Taxable), Sub-series A.” The Sub-series Bonds shall be issuable as fully registered bonds without coupons in Authorized Denominations. Any future changes in the designation of the Sub-series Bonds shall be as determined by the Commission.

(d) The Sub-series Bonds shall mature on the dates and in the principal amounts, and shall bear interest at the rates, set forth below, subject to prior redemption as provided in Article 4 and in the form of Sub-series Bonds attached to this Supplemental Indenture as Exhibit B. Interest on the Sub-series Bonds shall be computed on the basis of a 360-day year of twelve 30-day months.

Maturity Date (December 1)	Principal Amount	Interest Rate
	\$	%
2041	\$55,220,000	3.416%

(e) The 2020 First Series Bonds shall have a “Series Issue Date” which shall be January 30, 2020, the date of their original issuance and first authentication and delivery against payment therefor, and which shall be set forth on the face side of all 2020 First Series Bonds authenticated by the Authenticating Agent. 2020 First Series Bonds issued prior to the first Interest Payment Date following the Series Issue Date shall have a “Dated Date” that is the same as the Series Issue Date. 2020 First Series Bonds issued on or subsequent to the first Interest Payment Date following the Series Issue Date shall have a “Dated Date” which is the same as the Interest Payment Date next preceding the date of authentication thereof, unless such date of authentication shall be an Interest Payment Date to which interest on the 2020 First Series Bonds has been paid in full or duly provided for, in which case they shall have a “Dated Date” which is the same as such date of authentication; *provided* that if, as shown by the records of the Paying Agent, interest on any of the 2020 First Series Bonds shall be in default, 2020 First Series Bonds issued in exchange for such 2020 First Series Bonds surrendered for transfer or exchange shall have a “Dated Date” which is the same as the date to which interest has been paid in full on such 2020 First Series Bonds or, if no interest has been paid on such 2020 First Series Bonds, the Series Issue Date of such 2020 First Series Bonds.

(f) The 2020 First Series Bonds shall bear interest from and including the Dated Date thereof until payment of the principal or redemption price thereof shall have been made or provided for in accordance with the provisions hereof, whether at maturity, upon redemption or otherwise. Interest on the 2020 First Series Bonds shall be paid on each appropriate Interest Payment Date therefor. Each 2020 First Series Bond shall bear interest on overdue principal at the rate borne by such 2020 First Series Bond.

(g) The 2020 First Series Bonds shall be subject to redemption as provided in Article 4 hereof.

**2.03 Reserved.**

**2.04 Reserved.**

**2.05 Book Entry Bonds.**

(a) Except as provided in subparagraph (c) of this Section, the registered owner of all of the 2020 First Series Bonds shall be DTC and the 2020 First Series Bonds shall be registered in the name of Cede & Co., as nominee for DTC. Payment of interest on any 2020 First Series Bond registered as of each Record Date in the name of Cede & Co. shall be made by wire transfer of immediately available funds to the account of Cede & Co. on the relevant Interest Payment Date for the 2020 First Series Bonds at the address indicated on the Record Date for Cede & Co. in the Bond Register kept by the Paying Agent.

(b) The 2020 First Series Bonds shall be initially issued in the form of separate single fully registered bond certificates, authenticated by the Authenticating Agent, in the amount of each separately stated series and maturity. Upon initial issuance, the ownership of such 2020 First Series Bonds shall be registered in the registry books of the Commission kept by the Trustee in the name of Cede & Co., as nominee of DTC. The Trustee, the Paying Agent and the Commission shall treat DTC (or its nominee) as the sole and exclusive Owner of the 2020 First Series Bonds registered in

its name for the purposes of payment of the principal or redemption price of or interest on the 2020 First Series Bonds, selecting the 2020 First Series Bonds or portions thereof to be redeemed, giving any notice permitted or required to be given to Bondholders under the Indenture, registering the transfer of 2020 First Series Bonds, obtaining any consent or other action to be taken by Bondholders and for all other purposes whatsoever, and neither the Trustee, the Paying Agent nor the Commission shall be affected by any notice to the contrary. Neither the Trustee, the Paying Agent nor the Commission shall have any responsibility or obligation to any DTC participant, any Person claiming a beneficial ownership interest in the 2020 First Series Bonds under or through DTC or any DTC participant, or any other Person which is not shown on the registration books of the Trustee as being a 2020 First Series Bondholder, with respect to: (i) the accuracy of any records maintained by DTC or any DTC participant; (ii) the payment of DTC or any DTC participant of any amount in respect of the principal or redemption price of or interest on the 2020 First Series Bonds; (iii) any notice which is permitted or required to be given to Bondholders under the Indenture; (iv) the selection by DTC or any DTC participant of any Person to receive payment in the event of a partial redemption of the 2020 First Series Bonds; or (v) any consent given or other action taken by DTC as holder of the 2020 First Series Bonds. The Paying Agent shall pay all principal of and premium, if any, and interest on the 2020 First Series Bonds only to or “upon the order of” (as that term is used in the Uniform Commercial Code as adopted in the Commonwealth) DTC and all such payments shall be valid and effective to fully satisfy and discharge the Commission’s obligations with respect to the principal of and premium, if any, and interest on the 2020 First Series Bonds to the extent of the sum or sums so paid. No Person other than DTC shall receive an authenticated 2020 First Series Bond evidencing the obligation of the Commission to make payments of principal of and premium, if any, and interest pursuant to the Indenture. Upon delivery by DTC to the Trustee, the Paying Agent and the Commission of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., and subject to the provisions herein with respect to Record Dates, the name “Cede & Co.” in the Indenture shall be deemed to be changed to reflect such new nominee of DTC.

(c) In the event the Commission determines, and notifies the Trustee and the Paying Agent of such determination, that it is in the best interest of the Commission or the Beneficial Owners of 2020 First Series Bonds that the Beneficial Owners be able to obtain 2020 First Series Bond certificates, the Trustee shall notify DTC, whereupon DTC will notify the DTC participants of the availability through DTC of 2020 First Series Bond certificates. In such event, the Trustee shall deliver, transfer and exchange 2020 First Series Bond certificates, as directed by DTC as the registered owner of the 2020 First Series Bonds, in appropriate series and principal amounts. DTC may determine to discontinue providing its services with respect to the 2020 First Series Bonds at any time by giving notice to the Commission and the Trustee and discharging its responsibilities with respect thereto under applicable law. Under such circumstances (if there is no successor securities depository), the Commission and the Trustee shall be obligated to deliver 2020 First Series Bond certificates as directed by DTC. In the event 2020 First Series Bond certificates are issued, the provisions of the Indenture shall apply to, among other things, the transfer and exchange of such certificates and the method of payment of principal of and interest on such certificates. Whenever DTC requests the Commission and the Trustee to do so, the Trustee and the Commission will cooperate with DTC in taking appropriate action after reasonable notice (i) to make available one or more separate certificates evidencing the 2020 First Series Bonds to any DTC participant

having 2020 First Series Bonds credited to its DTC account, or (ii) to arrange for another securities depository to maintain custody of certificates evidencing the 2020 First Series Bonds.

(d) Notwithstanding any other provision of the Indenture to the contrary, so long as any 2020 First Series Bond is registered in the name of Cede & Co., as nominee of DTC, all payments with respect to the principal of and premium, if any, and interest on such 2020 First Series Bond and all notices with respect to such 2020 First Series Bond shall be made and given, respectively, to DTC as provided in the Representation Letter.

(e) In connection with any notice or other communication to be provided to 2020 First Series Bondholders pursuant to the Indenture by the Commission or the Trustee with respect to any consent or other action to be taken by 2020 First Series Bondholders, the Commission or the Trustee, as the case may be, shall establish a record date for such consent or other action and give DTC, as sole 2020 First Series Bondholder, notice of such record date not less than fifteen (15) calendar days in advance of such record date to the extent possible. Notice shall be given only to DTC when DTC is the sole 2020 First Series Bondholder.

#### **2.06 Method and Place of Payment of 2020 First Series Bonds.**

(a) The Commission hereby directs the Trustee to pay and deposit from Revenues into the applicable account of the Debt Service Fund such amounts as are necessary to pay interest and principal on the 2020 First Series Bonds on the Interest Payment Date or other payment date therefor.

(b) The principal of and redemption premium, if any, and interest on the 2020 First Series Bonds shall be payable in any coin or currency of the United States of America which on the respective dates of payment thereof is legal tender for the payment of public and private debts.

(c) The principal of and the redemption premium, if any, on all 2020 First Series Bonds shall be payable by check or draft at maturity or upon earlier redemption to the Persons in whose names such 2020 First Series Bonds are registered on the Bond Register at the maturity or redemption date thereof, upon the presentation and surrender of such 2020 First Series Bonds at the Principal Office of the Trustee or of any Paying Agent named in the 2020 First Series Bonds.

(d) The interest payable on each 2020 First Series Bond on any Interest Payment Date shall be paid by the Trustee to the Person in whose name such 2020 First Series Bond is registered on the Bond Register at the close of business on the Record Date for such interest: (i) by check or draft mailed on the applicable Interest Payment Date to such Registered Owner at his address as it appears on such Bond Register or at such other address as is furnished to the Trustee in writing by such owner; or (ii) by electronic transfer in immediately available funds, if the 2020 First Series Bonds are held by a Securities Depository, or at the written request addressed to the Trustee by any Owner of 2020 First Series Bonds in the aggregate principal amount of at least \$1,000,000, such request to be signed by such Owner, containing the name of the bank (which shall be in the continental United States), its address, its ABA routing number, the name and account number to which credit shall be made and an acknowledgment that an electronic transfer fee is payable, and to be filed with the Trustee no later than ten Business Days before the applicable Record Date preceding such Interest Payment Date.

(e) Defaulted Interest with respect to any 2020 First Series Bond shall cease to be payable to the owner of such 2020 First Series Bond on the relevant Record Date and shall be payable to the owner in whose name such 2020 First Series Bond is registered at the close of business on the Special Record Date for the payment of such Defaulted Interest, which Special Record Date shall be fixed in the following manner: the Commission shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each 2020 First Series Bond and the date of the proposed payment (which date shall be such as will enable the Trustee to comply with the next sentence hereof), and shall deposit with the Trustee at the time of such notice an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment; money deposited with the Trustee shall be held in trust for the benefit of the owners of the 2020 First Series Bonds entitled to such Defaulted Interest as provided in this Section. Following receipt of such funds the Trustee shall fix a Special Record Date for the payment of such Defaulted Interest which shall be not more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Commission of such Special Record Date and, in the name and at the expense of the Commission, shall cause notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each owner of a 2020 First Series Bond entitled to such notice at the address of such owner as it appears on the Bond Register not less than 10 days prior to such Special Record Date.

## **2.07 Execution and Authentication of 2020 First Series Bonds.**

(a) The 2020 First Series Bonds shall be executed on behalf of the Commission by the manual or facsimile signature of the Chair or Vice Chair (in the absence of the Chair) of the Commission and attested by the manual or facsimile signature of the Secretary/Treasurer or the Assistant Secretary/Assistant Treasurer of the Commission, and shall have the corporate seal of the Commission affixed thereto or imprinted thereon. In case any officer whose signature or facsimile thereof appears on any 2020 First Series Bond shall cease to be such officer before the delivery of such 2020 First Series Bond, such signature or facsimile thereof shall nevertheless be valid and sufficient for all purposes, the same as if such person had remained in office until delivery. Any 2020 First Series Bond may be signed by such persons as at the actual time of the execution of such 2020 First Series Bond shall be the proper officers to sign such 2020 First Series Bond although at the date of such 2020 First Series Bond such persons may not have been such officers.

(b) The 2020 First Series Bonds shall have endorsed thereon a Certificate of Authentication substantially in the form set forth in Exhibit A hereto, as applicable, which shall be manually executed by the Trustee. No 2020 First Series Bond shall be entitled to any security or benefit hereunder or shall be valid or obligatory for any purpose unless and until such Certificate of Authentication shall have been duly executed by the Trustee. Such executed Certificate of Authentication upon any 2020 First Series Bond shall be conclusive evidence that such 2020 First Series Bond has been duly authenticated and delivered hereunder. The Certificate of Authentication on any 2020 First Series Bond shall be deemed to have been duly executed if signed by any authorized officer or signatory of the Trustee, but it shall not be necessary that the same

officer or signatory sign the Certificate of Authentication on all of the 2020 First Series Bonds that may be issued hereunder at any one time.

**2.08 Registration, Transfer and Exchange of 2020 First Series Bonds.**

(a) The Trustee is hereby appointed Bond Registrar and as such shall keep the Bond Register at its Principal Office.

(b) Any 2020 First Series Bond may be transferred only upon the Bond Register upon surrender thereof to the Trustee duly endorsed for transfer or accompanied by an assignment duly executed by the Registered Owner or his attorney or legal representative in such form as shall be satisfactory to the Trustee. Upon any such transfer, the Commission shall execute and the Trustee shall authenticate and deliver in exchange for such 2020 First Series Bond a new 2020 First Series Bond or 2020 First Series Bonds, registered in the name of the transferee, of any denomination or denominations authorized by this Supplemental Indenture and of the same maturity and series, and bearing interest at the same rate.

(c) Any 2020 First Series Bonds, upon surrender thereof at the Principal Office of the Trustee, together with an assignment duly executed by the Registered Owner or his attorney or legal representative in such form as shall be satisfactory to the Trustee, may, at the option of the Registered Owner thereof, be exchanged for an equal aggregate principal amount of 2020 First Series Bonds of the same maturity and series or subseries, of any denomination or denominations authorized by this Supplemental Indenture, and bearing interest at the same rate.

(d) In all cases in which the 2020 First Series Bonds shall be exchanged or transferred hereunder, the Commission shall execute and the Trustee shall authenticate and deliver at the earliest practicable time 2020 First Series Bonds in accordance herewith. All 2020 First Series Bonds surrendered in any such exchange or transfer shall forthwith be canceled by the Trustee.

(e) The Commission, the Trustee or the Securities Depository may make a charge against the Bond Owner requesting the same for every such transfer or exchange of 2020 First Series Bonds sufficient to reimburse it for any tax or other governmental charge required to be paid with respect to such transfer or exchange, and such charge shall be paid before any such new 2020 First Series Bond shall be delivered. The fees and charges of the Trustee for making any transfer or exchange hereunder and the expense of any bond printing necessary to effect any such transfer or exchange shall be paid by the Commission. In the event any Bond Owner fails to provide a correct taxpayer identification number to the Trustee, the Trustee may impose a charge against such Bond Owner sufficient to pay any governmental charge required to be paid as a result of such failure. In compliance with Section 3406 of the Code, such amount may be deducted by the Trustee from amounts otherwise payable to such Bond Owner hereunder or under the 2020 First Series Bonds.

(f) The Trustee shall not be required to (i) transfer or exchange any 2020 First Series Bond of a series during a period beginning at the opening of business fifteen (15) days before the day of the mailing of a notice of redemption of such series and ending at the close of business on the day of such mailing; or (ii) transfer or exchange any 2020 First Series Bond so selected for redemption in whole or in part; or (iii) transfer or exchange any 2020 First Series Bond during a

period beginning at the opening of business on any Record Date for such 2020 First Series Bond and ending at the close of business on the relevant Interest Payment Date therefor.

(g) The Person in whose name any 2020 First Series Bond shall be registered on the Bond Register shall be deemed and regarded as the absolute owner of such 2020 First Series Bond for all purposes, and payment of or on account of the principal of and redemption premium, if any, and interest on any such 2020 First Series Bond shall be made only to or upon the order of the registered owner thereof or his legal representative. All such payments shall be valid and effectual to satisfy and discharge the liability upon such 2020 First Series Bond, including the interest thereon, to the extent of the sum or sums so paid.

(h) At reasonable times upon prior Written Request of the Commission, or a prior request in writing by the Owners (or a designated representative thereof) of 10% or more in principal amount of the 2020 First Series Bonds, of a series then Outstanding (such ownership and the authority of any such designated representative to be evidenced to the satisfaction of the Trustee), and under reasonable regulations established by the Trustee, the Bond Register may be inspected and copied by the Commission or such Owners or designated representative thereof.

## **2.09 Temporary 2020 First Series Bonds.**

(a) Until the definitive 2020 First Series Bonds are ready for delivery, the Commission may execute, and upon the Written Request of the Commission, the Trustee shall authenticate and deliver, in lieu of definitive 2020 First Series Bonds, but subject to the same limitations and conditions as definitive 2020 First Series Bonds, temporary printed, engraved, lithographed or typewritten 2020 First Series Bonds.

(b) If temporary 2020 First Series Bonds shall be issued, the Commission shall cause the definitive 2020 First Series Bonds to be prepared and to be executed and delivered to the Trustee, and the Trustee, upon presentation to it at its Principal Office of any temporary 2020 First Series Bond, shall cancel the same and authenticate and deliver in exchange therefor, without charge to the Owner thereof, a definitive 2020 First Series Bond of the same series and maturity and principal amount and bearing interest at the same rate as the temporary 2020 First Series Bond surrendered. Until so exchanged, the temporary 2020 First Series Bonds shall in all respects be entitled to the same benefit and security of this Supplemental Indenture as the definitive 2020 First Series Bonds to be issued and authenticated hereunder.

## **2.10 Mutilated, Lost, Stolen or Destroyed 2020 First Series Bonds.**

In the event any 2020 First Series Bond shall become mutilated, or shall be lost, stolen or destroyed, the Commission shall execute and the Trustee shall authenticate and deliver a new 2020 First Series Bond of like series or subseries, date and tenor as the 2020 First Series Bond mutilated, lost, stolen or destroyed; provided that, in the case of any mutilated 2020 First Series Bond, such mutilated 2020 First Series Bond shall first be surrendered to the Trustee, and in the case of any lost, stolen or destroyed Third Bond, there shall be first furnished to the Commission and the Trustee evidence of such loss, theft or destruction satisfactory to the Trustee, together, in either such case, with such security or indemnity as may be required by the Commission and the Trustee to save the Commission and the Trustee harmless. In the event any such 2020 First Series Bond

shall have matured or been selected for redemption, the Trustee in its discretion may, instead of issuing a new 2020 First Series Bond, pay, with funds available under this Supplemental Indenture for such purpose, such 2020 First Series Bond without surrender thereof (except in the case of a mutilated 2020 First Series Bond). Upon the issuance of any substitute 2020 First Series Bond, the Commission and the Trustee may require the payment of an amount by the Bond Owner sufficient to reimburse the Commission and the Trustee for any tax or other governmental charge that may be imposed in relation thereto and any other reasonable fees and expenses incurred in connection therewith.

**2.11 Cancellation and Destruction of 2020 First Series Bonds Upon Payment.**

All 2020 First Series Bonds which have been paid or redeemed or which the Trustee has purchased or which have otherwise been surrendered to the Trustee under this Supplemental Indenture, either at or before maturity, shall be canceled and destroyed by the Trustee in compliance with all applicable laws and regulations and the record retention requirements of the Trustee upon the payment, redemption or purchase of such 2020 First Series Bonds and the surrender thereof to the Trustee. Upon written request, the Trustee shall execute a certificate in triplicate describing the 2020 First Series Bonds so canceled and destroyed, and shall file executed counterparts of such certificate with the Commission.

**2.12 Reserved.**

**2.13 Conditions Precedent to Issuance of 2020 First Series Bonds.**

Before the 2020 First Series Bonds shall be authenticated by the Authenticating Agent and delivered by the Trustee to the purchasers thereof, there shall be filed with the Trustee the following documents:

(a) a copy, certified by a Commission Official, of the resolutions or resolutions adopted by the Commission authorizing (i) the execution and delivery of a Supplemental Indenture providing for, among other things, the date, rate or rates of interest on, interest payment dates, maturity dates and redemption provisions of such Additional Bonds; and (ii) the issuance, sale, execution and delivery of the Additional Bonds;

(b) an original executed counterpart of this Supplemental Indenture;

(c) an Opinion of Co-Bond Counsel to the effect that: (i) the issuance of the 2020 First Series Bonds is permitted under the Indenture; and (ii) each of this Supplemental Indenture and the 2020 First Series Bonds have each been duly authorized, executed and delivered and are valid, binding and enforceable obligations of the Commission, subject to bankruptcy, equitable principles and other standard legal opinion exceptions;

(d) a request and authorization, signed by a Commission Official, as required by Section 210(d) of the Restated Indenture;

(e) a certificate of the Commission, signed by a Commission Official, as required by Section 210(e) of the Restated Indenture;



(f) a certificate of the Commission signed by a Commission Official, as required by Section 210(f) of the Restated Indenture;

(g) an executed contract for the purchase of the 2020 First Series Bonds, and all documents, certificates and opinions required to be delivered pursuant to the terms thereof; and

(h) such further documents, moneys, and securities as are required by the provisions of the Indenture, including this Supplemental Indenture.

### **ARTICLE 3 – DISPOSITION OF PROCEEDS;**

#### **CREATION OF FUNDS AND ACCOUNTS**

##### **3.01 Establishment of Clearing Funds.**

There is hereby established with the Trustee a fund to be designated the “2020 First Series Clearing Fund.” All of the net proceeds of the 2020 First Series Bonds shall be deposited by the Trustee into the 2020 First Series Clearing Fund. The Trustee is authorized and directed: (1) to transfer to the Escrow Agent for deposit under the Escrow Deposit Agreement the amounts set forth in a closing statement signed by a Commission Official (the “Closing Statement”); and (2) to pay costs incurred by the Commission in connection with the issuance of the 2020 First Series Bonds including, but not limited to, those set forth in the Closing Statement. Any moneys remaining in the 2020 First Series Clearing Fund as of 30 days after the Series Issue Date of the 2020 First Series Bonds and upon payment of the costs identified in the Closing Receipt shall be transferred to the 2019 Series Account of the Debt Service Fund and the 2020 First Series Clearing Fund shall be closed.

##### **3.02 2020 First Series Bonds Accounts of the Debt Service Fund.**

There is hereby created a separate account of the Debt Service Fund designated “2020 First Series Account of the Debt Service Fund” for deposit and disbursement of funds for debt service on the 2020 First Series Bonds. The 2020 First Series Bonds shall be “Fixed Rate Bonds” within the meaning of Section 715 of the Indenture.

##### **3.03 Debt Service Reserve Fund Account.**

The 2020 First Series Bonds shall be Debt Service Reserve Fund Bonds for purposes of the Indenture. There is hereby created a separate account of the Debt Service Reserve Fund to be designated “2020 First Series Account of the Debt Service Reserve Fund.” All earnings on investments held in the 2020 First Series Account of the Debt Service Reserve Fund shall be transferred to the 2020 First Series Account of the Debt Service Fund, such transfers to be made no less frequently than semi-annually, on the second Business Day preceding each Interest Payment Date for the 2020 First Series Bonds.

##### **3.04 Reserved.**

##### **3.05 Reserved.**

**3.06 Reserved.**

**3.07 Reserved.**

**3.08 Investment of Funds.**

Moneys on deposit with respect to the 2020 First Series Bonds in funds or accounts established pursuant to this Article 3 shall be invested solely in Permitted Investments, to the extent permitted by applicable law.

**ARTICLE 4 – REDEMPTION OF 2020 FIRST SERIES BONDS**

**4.01 Optional Redemption.**

The 2020 First Series Bonds maturing on or after December 1, 2030, are subject to optional redemption by the Commission in whole or in part at any time and from time to time on or after December 1, 2029, at a redemption price of 100% of the principal amount thereof to be redeemed plus, in each case, accrued interest on the 2020 First Series Bonds to be redeemed to the redemption date.

**4.02 Mandatory Sinking Fund Redemption of the 2020 First Series Bonds.**

The First Series Bonds maturing on December 1, 2039 and December 1, 2043, shall be subject to mandatory sinking fund redemption prior to maturity by the Commission in the respective years and in the amounts set forth below, at a redemption price equal to 100% of the principal amount thereof, plus accrued interest to the redemption date:

<b><u>First Series Bonds Maturing December 1, 2039</u></b>		<b><u>First Series Bonds Maturing December 1, 2043</u></b>	
<u>Year (Dec. 1)</u>	<u>Amount</u>	<u>Year (Dec. 1)</u>	<u>Amount</u>
2035	\$9,170,000	2040	\$11,035,000
2036	9,475,000	2041	11,415,000
2037	9,785,000	2042	31,335,000
2038	10,570,000	2043*	19,795,000
2039*	26,470,000		

\* Final Maturity

The Sub-series Bonds maturing on December 1, 2041 are subject to mandatory sinking fund redemption prior to maturity in the principal amount set forth below at a redemption price equal to such principal amount to be redeemed plus accrued interest to the redemption date, without premium:

**Sub-series Bonds Maturing December 1, 2041**

Year (December 1)	<u>Amount</u>
2036	\$1,060,000
2037	1,095,000
2038	15,485,000
2039	945,000
2040	17,770,000
2041*	18,865,000

\*Final Maturity

(a) At the option of the Commission, to be exercised by delivery of a certificate of a Commission Official to the Trustee on or before the 45th day next preceding any scheduled mandatory redemption date, it may (1) deliver to the Trustee for cancellation 2020 First Series Bonds subject to scheduled mandatory redemption on that date or portions thereof in Authorized Denominations or (2) specify a principal amount of 2020 First Series Bonds or portions thereof in Authorized Denominations which prior to said date have been purchased or redeemed (otherwise than pursuant to this paragraph) and canceled by the Trustee at the request of the Commission and not theretofore applied as a credit against any scheduled mandatory redemption payment. Each 2020 First Series Bond or portion thereof so delivered or previously redeemed shall be credited by the Trustee at the principal amount thereof against the obligation of the Commission to redeem 2020 First Series Bonds on the scheduled mandatory redemption date or maturity date or dates designated in writing to the Trustee by the Commission Official occurring at least forty-five (45) days after delivery of such designation to the Trustee, provided that if no such designation is made, such credit shall not be credited against such obligation.

(b) In the event a portion, but not all, of the 2020 First Series Bonds maturing on a particular date and bearing interest at the same rate are purchased or redeemed pursuant to optional redemption, then the principal amount of any remaining mandatory sinking fund redemptions and principal maturity applicable to such 2020 First Series Bonds shall be proportionately reduced (subject to the Trustee making such adjustments as it deems necessary to be able to effect future redemptions of the 2020 First Series Bonds in Authorized Denominations) unless the Commission has designated an alternate reduction of remaining mandatory sinking fund redemptions pursuant to subsection (b) above.

**4.03 Selection of 2020 First Series Bonds to be Redeemed.**

(a) 2020 First Series Bonds shall be redeemed only in Authorized Denominations. Any 2020 First Series Bonds subject to optional redemption shall be redeemed in any order of maturity and in any principal amount within a maturity and interest rate as designated by the Commission.

(b) In the case of a partial redemption of 2020 First Series Bonds, when any 2020 First Series Bonds of denominations greater than the minimum Authorized Denomination are then Outstanding, then for all purposes in connection with such redemption each principal amount equal to the minimum Authorized Denomination shall be treated as though it was a separate 2020 First Series Bond of the minimum Authorized Denomination. The particular 2020 First Series Bonds within a maturity and interest rate to be redeemed shall be determined by the Trustee by lot or by such other method as the Trustee deems fair and appropriate.

(c) If it is determined that a portion, but not all, of the principal amount represented by any 2020 First Series Bond is to be selected for redemption, then upon notice of intention to redeem such portion, the Owner of such 2020 First Series Bond or such Owner's attorney or legal representative shall forthwith present and surrender such 2020 First Series Bond to the Trustee (i) for payment of the redemption price (including the premium, if any, and interest to the date fixed for redemption) of the principal amount called for redemption, and (ii) for exchange, without charge to the Owner thereof for a new 2020 First Series Bond or 2020 First Series Bonds of the aggregate principal amount of the unredeemed portion of the principal amount of such 2020 First Series Bond. If the Owner of any such 2020 First Series Bond shall fail to present such 2020 First Series Bond to the Trustee for payment and exchange as aforesaid, said 2020 First Series Bond shall, nevertheless, become due and payable on the redemption date to the extent of the principal amount called for redemption (and to that extent only).

(d) The Trustee shall call 2020 First Series Bonds for optional redemption and payment as herein provided upon receipt by the Trustee at least forty-five (45) days (or such shorter time as is reasonably acceptable to the Trustee) prior to the redemption date of a Written Request of the Commission. Such request shall specify the principal amount of 2020 First Series Bonds and the maturities so to be called for redemption, the applicable redemption price or prices and the provision or provisions above referred to pursuant to which such 2020 First Series Bonds are to be called for redemption.

#### **4.04 Notice and Effect of Call for Redemption.**

Official notice of any such redemption shall be given by the Trustee on behalf of the Commission by mailing a copy of an official redemption notice by first class mail at least thirty (30) days and not more than sixty (60) days prior to the redemption date to each Registered Owner of the 2020 First Series Bonds to be redeemed at the address shown on the Bond Register or at such other address as is furnished in writing by such registered owner to the Trustee.

All official notices of redemption shall be dated and shall state: (a) the redemption date; (b) the redemption price; (c) the series to be redeemed and if less than all Outstanding 2020 First Series Bonds are to be redeemed, the identification number and the respective principal amounts of the 2020 First Series Bonds to be redeemed; (d) that on the redemption date the redemption price will become due and payable upon each such 2020 First Series Bond or portion thereof called for redemption, and that interest thereon shall cease to accrue from and after said date; (e) the place where such 2020 First Series Bonds are to be surrendered for payment of the redemption price, which place of payment shall be the Principal Office of the Trustee for the payment of the 2020 First Series Bonds; (f) the CUSIP, ISIN and Common Code numbers of all 2020 First Series Bonds being redeemed (provided that the notice may contain the Trustee's standard disclaimer as to the

correctness and use of the CUSIP, ISIN and Common Code numbers); (g) the date of original issuance of the 2020 First Series Bonds; (h) the maturity date of each 2020 First Series Bond being redeemed; and (i) any other descriptive information needed to identify accurately the 2020 First Series Bonds being redeemed. If the redemption is a Conditional Redemption, as defined in the next paragraph, the notice of redemption shall so state.

A redemption notice for any optional redemption may state (a) that it is conditioned upon the deposit of moneys, in an amount equal to the amount necessary to effect the redemption, with the Trustee no later than the redemption date and/or (b) that the Commission retains the right to rescind such notice at any time prior to the scheduled redemption date if the Commission delivers a certificate of a Commission Official to the Trustee instructing the Trustee to rescind the redemption notice (in either case, a “Conditional Redemption”), and such notice and optional redemption shall be of no effect if such moneys are not so deposited or if the notice is rescinded as described below.

Any Conditional Redemption may be rescinded in whole or in part at any time prior to the redemption date if the Commission delivers a certificate of a Commission Official to the Trustee instructing the Trustee to rescind the redemption notice. The Trustee shall give prompt notice of such rescission to the affected holders. Any Bonds subject to Conditional Redemption where redemption has been rescinded shall remain Outstanding, and the rescission shall not constitute an Event of Default (as defined in the Indenture).

Further, in the case of a Conditional Redemption, the failure of the Commission to make funds available in part or in whole on or before the redemption date shall not constitute an Event of Default.

Official notice of redemption having been given as aforesaid, the 2020 First Series Bonds or portions of 2020 First Series Bonds so to be redeemed shall, on the redemption date, become due and payable at the redemption price therein specified, and from and after such date (unless the Commission shall default in the payment of the redemption price) such 2020 First Series Bonds or portions of 2020 First Series Bonds shall cease to bear interest. Upon surrender of such 2020 First Series Bonds for redemption in accordance with said notice, such 2020 First Series Bonds shall be paid by the Trustee at the redemption price. Installments of interest due on or prior to the redemption date shall be payable as herein provided for payment of interest. Upon surrender for any partial redemption of any 2020 First Series Bond, there shall be prepared for the registered owner a new 2020 First Series Bond or 2020 First Series Bonds of the same maturity and interest rate in the amount of the unpaid principal. All 2020 First Series Bonds which have been redeemed shall be canceled and destroyed by the Trustee in accordance with Section 2.10 and shall not be reissued. A second notice of redemption shall be given within sixty (60) days after the redemption date in the manner required herein to the Bond Owners of redeemed 2020 First Series Bonds which have not been presented for payment within thirty (30) days after the redemption date.

Upon the payment of the redemption price of 2020 First Series Bonds being redeemed, each check or other transfer of funds issued for such purpose shall bear the CUSIP, ISIN and Common Code numbers identifying, by issue and maturity, the 2020 First Series Bonds being redeemed with the proceeds of such check or other transfer.

For so long as the Securities Depository is effecting book-entry transfers of the 2020 First Series Bonds, the Trustee shall provide the notices specified in this Section only to the Securities Depository. It is expected that the Securities Depository shall, in turn, notify its Participants and that the Participants, in turn, will notify or cause to be notified the Beneficial Owners. Any failure on the part of the Securities Depository or a Participant, or failure on the part of a nominee of a Beneficial Owner of a 2020 First Series Bond (having been mailed notice from the Trustee, a Participant or otherwise) to notify the Beneficial Owner of the 2020 First Series Bond so affected, shall not affect the validity of the redemption of such 2020 First Series Bond.

Failure to give any notice to any Owner, or any defect therein, shall not affect the validity of any proceedings for the redemption of any other 2020 First Series Bonds. Any notice mailed (or given in accordance with DTC operating procedures while the 2020 First Series Bonds are in book entry mode) shall be conclusively presumed to have been duly given and shall become effective upon mailing, whether or not any owner receives the notice.

## **ARTICLE 5 – COVENANTS OF THE COMMISSION**

### **5.01 Payment of Principal of and Interest on 2020 First Series Bonds.**

The Commission shall promptly pay or cause to be paid the principal or redemption price of, and the interest on, every 2020 First Series Bond issued hereunder according to the terms thereof, but shall be required to make such payment or cause such payment to be made only out of Revenues or otherwise from the Trust Estate.

### **5.02 Corporate Existence; Compliance with Laws.**

The Commission shall maintain its corporate existence; shall use its best efforts to maintain and renew all its rights, powers, privileges and franchises; and shall comply with all valid and applicable laws, acts, rules, regulations, permits, orders, requirements and directions of any legislative, executive, administrative or judicial body relating to the Commission's participation in the Project or the issuance of the 2020 First Series Bonds.

### **5.03 Further Assurances.**

Except to the extent otherwise provided in the Indenture, the Commission shall not enter into any contract or take any action by which the rights of the Trustee or the 2020 First Series Bondholders may be impaired and shall, from time to time, execute and deliver such further instruments and take such further action as may be required to carry out the purposes of this Supplemental Indenture.

### **5.04 Reserved.**

### **5.05 Financing Statements.**

The Commission shall cause financing statements relating to this Supplemental Indenture to be filed, in such manner and at such places as may be required by law fully to protect the security of the holders of the 2020 First Series Bonds and the right, title and interest of the Trustee in and to the Trust Estate or any part thereof. From time to time, the Trustee may, but shall not be required

to, obtain an opinion of Counsel setting forth what, if any, actions by the Commission or Trustee should be taken to preserve such security. The Commission shall execute or cause to be executed any and all further instruments as may be required by law or as shall reasonably be requested by the Trustee for such protection of the interests of the 2020 First Series Bondholders, and shall furnish satisfactory evidence to the Trustee of filing and refiling of such instruments and of every additional instrument which shall be necessary to preserve the security of the 2020 First Series Bondholders and the right, title and interest of the Trustee in and to the Trust Estate or any part thereof until the principal of and interest on the 2020 First Series Bonds issued hereunder shall have been paid. The Trustee shall execute or join in the execution of any such further or additional instruments and file or join in the filing thereof at such time or times and in such place or places as it may be advised by an opinion of Counsel will preserve such security and right, title and interest until the aforesaid principal and interest shall have been paid.

## **ARTICLE 6 – DEFEASANCE**

### **6.01 Defeasance.**

When the principal or redemption price (as the case may be) of, and interest on, all 2020 First Series Bonds issued hereunder have been paid, or provision has been made for payment of the same, together with the compensation and expenses of the Trustee and the Paying Agent and all other sums payable hereunder by the Commission, the Trustee, on demand of the Commission, shall release this Supplemental Indenture and shall execute such documents to evidence such release as may be reasonably required by the Commission and shall turn over to the Commission or to such Person, body or authority as may be entitled to receive the same all balances then held by it hereunder or otherwise required to be held under the Indenture not required for the payment of the 2020 First Series Bonds and such other sums. If payment or provision therefor is made with respect to less than all of the 2020 First Series Bonds of a maturity, the particular 2020 First Series Bonds within such maturity for which provision for payment shall have been made shall be selected by lot or by such other method as the Trustee deems fair and appropriate, and thereupon the Trustee shall take similar action for the release of this Supplemental Indenture solely with respect to such 2020 First Series Bonds.

### **6.02 Provision for Payment.**

(a) Provision for the payment of any 2020 First Series Bonds shall be deemed to have been made when the Trustee holds in the Debt Service Fund: (i) cash in an amount sufficient to make all payments (including principal, premium, if any, and interest) specified above with respect to such 2020 First Series Bonds; or (ii) direct non-callable obligations of the United States of America and securities fully and unconditionally guaranteed as to the timely payment of principal and interest by the United States of America, to which direct obligation or guarantee the full faith and credit of the United States of America has been pledged, Refcorp interest strips, CATS, TIGRS, STRPS, or defeased municipal bonds rated “AAA” by S&P or “Aaa” by Moody’s (or any combination of the foregoing); or (iii) any combination of cash and obligations described in clause (ii) above the amounts of which and earnings thereon, when due, are or will be, in the aggregate, sufficient (together with any earnings thereon) to make all such payments.

(b) Neither the moneys nor the obligations deposited with the Trustee pursuant to this Article shall be withdrawn or used for any purpose other than, and such obligations and moneys shall be segregated and held in trust for, the payment of the principal or redemption price of, and interest on, the 2020 First Series Bonds (or portions thereof) to be no longer entitled to the lien of the Indenture; provided that such moneys, if not then needed for such purpose, shall, to the extent practicable, be invested and reinvested in Government Obligations pursuant to written direction of the Commission maturing on or prior to the Interest Payment Date for the relevant 2020 First Series Bonds next succeeding the date of investment or reinvestment.

(c) Whenever moneys or obligations shall be deposited with the Trustee for the payment or redemption of any 2020 First Series Bonds more than 90 days prior to the date that such 2020 First Series Bonds are to mature or be redeemed, the Trustee shall mail a notice to the Owners of 2020 First Series Bonds for the payment of which such moneys or obligations are being held at their registered addresses stating that such moneys or obligations have been deposited. Such notice shall also be sent by the Trustee to each Rating Agency then rating the 2020 First Series Bonds at the request of the Commission. Notwithstanding the foregoing, no provision for payment under this Section shall be deemed to have been made with respect to any 2020 First Series Bonds which are to be redeemed prior to their stated maturity until such 2020 First Series Bonds shall have been irrevocably called or designated for redemption on a date thereafter on which such 2020 First Series Bonds may be redeemed in accordance with the provisions of this Supplemental Indenture and proper notice of such redemption shall have been given in accordance with this Supplemental Indenture, or the Commission shall have given the Trustee, in form satisfactory to the Trustee, irrevocable instructions to give, in the manner and at the times prescribed by the Indenture, notice of such redemption.

(d) In the event of a deposit of moneys or obligations for the payment or redemption of the 2020 First Series Bonds described in Section 6.02(c), the Commission shall cause to be delivered a verification report of an independent, nationally recognized certified public accountant confirming that the requirements of Section 6.02(a) have been satisfied. If a forward supply contract is employed in connection with the refunding described in Section 6.02(c): (i) such verification report shall expressly state that the adequacy of the escrow to accomplish the refunding relies solely on the initial escrowed investments and the maturing principal thereof and interest income thereon and does not assume performance under or compliance with the forward supply contract; and (ii) the applicable escrow agreement shall provide that in the event of any discrepancy or difference between the terms of the forward supply contract and the escrow agreement (or the authorizing document, if no separate escrow agreement is utilized), the terms of the escrow agreement or authorizing document, if applicable, shall be controlling.

### **6.03 Deposit of Funds for Payment of 2020 First Series Bonds.**

If the principal or redemption price of any 2020 First Series Bonds becoming due, either at maturity, by call for redemption, upon acceleration or otherwise, together with all interest accruing thereon to the due date, has been paid or provision therefor made in accordance with Section 6.02, all interest on such 2020 First Series Bonds shall cease to accrue on the due date, and all liability of the Commission with respect to such 2020 First Series Bonds shall likewise cease, except as hereinafter provided. Thereafter, the Owners of such 2020 First Series Bonds shall be restricted exclusively to the funds so deposited for any claim of whatsoever nature with respect to such 2020



First Series Bonds, and the Trustee shall hold such funds in trust for such Owners uninvested and without liability for interest thereon. Moneys so deposited with the Trustee which remain unclaimed five years after the date payment thereof becomes due shall, at the request of the Commission and if the Commission is not at the time to the knowledge of the Trustee in default with respect to any covenant contained in the Indenture or the 2020 First Series Bonds, be paid to the Commission, and the Owners of the 2020 First Series Bonds for which the deposit was made shall thereafter be limited to a claim against the Commission; provided that the Trustee, before making payment to the Commission, may, at the expense of the Commission, cause a notice to be given to the Owners of the 2020 First Series Bonds at their registered addresses, stating that the moneys remaining unclaimed will be returned to the Commission after a specified date.

## **ARTICLE 7 – MISCELLANEOUS PROVISIONS**

### **7.01 No Rights Conferred on Others.**

Nothing herein contained shall confer any right upon any Person other than the parties hereto and the Owners of the 2020 First Series Bonds.

### **7.02 Illegal, etc. Provisions Disregarded.**

In case any provision in this Supplemental Indenture or the 2020 First Series Bonds shall for any reason be held invalid, illegal or unenforceable in any respect, this Supplemental Indenture shall be construed as if such provision were not included herein.

### **7.03 Notices.**

All notices and other communications provided for hereunder shall be in writing and sent by United States certified or registered mail, return receipt requested, or by telegraph, telex, telecopier or private delivery service or personal service, addressed as follows:

If to the Commission:

Pennsylvania Turnpike Commission  
P.O. Box 67676  
Harrisburg, PA 17106-7676  
Attention: Chief Financial Officer  
Telecopier: (717) 986-8754

If to the Trustee:

U.S. Bank National Association  
Two Liberty Place  
50 South 16th Street, Suite 2000  
Mail Station: EX-PA-WBSP  
Philadelphia, PA 19102  
Attention: Corporate Trust Department  
Telecopier: (215) 761-9412

Either party hereto may change the address to which notices to it are to be sent by written notice given to the other Persons listed in this Section. All notices shall, when mailed as aforesaid, be effective on the date indicated on the return receipt, and all notices given by other means shall be effective when received.

**7.04 Successors and Assigns.**

All the covenants, promises and agreements in this Supplemental Indenture contained by or on behalf of the Commission, or by or on behalf of the Trustee, shall bind and inure to the benefit of their respective successors and assigns, whether so expressed or not.

**7.05 Headings for Convenience Only.**

The descriptive headings in this Supplemental Indenture are inserted for convenience only and shall not control or affect the meaning or construction of any of the provisions hereof.

**7.06 Counterparts.**

This Supplemental Indenture may be executed in any number of counterparts, each of which when so executed and delivered shall be an original; but such counterparts shall together constitute but one and the same instrument.

**7.07 Information Under Uniform Commercial Code.**

The following information is stated in order to facilitate filings under the Uniform Commercial Code: The secured party is U.S. Bank National Association, Trustee. Its address from which information concerning the security interest may be obtained is set forth in Section 7.03. The debtor is Pennsylvania Turnpike Commission. Its mailing address is set forth in Section 7.03.

**7.08 Applicable Law.**

This Supplemental Indenture and all matters arising out of or relating to this Supplemental Indenture shall be governed by and construed in accordance with the laws of the Commonwealth.

**7.09 Notice to Rating Agency.**

The Trustee shall promptly notify each Rating Agency then rating the 2020 First Series Bonds at the request of the Commission of any material amendment or supplement to the Indenture, this Supplemental Indenture or any mortgage, deed of trust, security or guaranty securing payments due thereunder; of any change in the Trustee; of any acceleration of the 2020 First Series Bonds; and upon the payment in full of the 2020 First Series Bonds.

**7.10 Reserved.**

**7.11 Confirmation of Restated Indenture.**

Except as amended or supplemented by this Supplemental Indenture, the Restated Indenture is in all respects ratified and confirmed and the said Restated Indenture and this

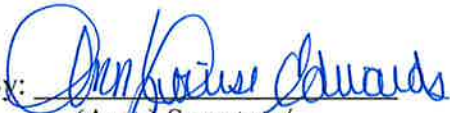
Supplemental Indenture shall be read, taken and construed as one and the same instrument. All of the rights, remedies, terms, conditions, covenants and agreements of the Restated Indenture as amended and supplemented hereby shall apply and remain in full force and effect with respect to this Supplemental Indenture, the Bonds issued under the Indenture and to all additional property assigned and pledged hereunder.

*[Signature Page Follows]*

IN WITNESS WHEREOF, the Pennsylvania Turnpike Commission has caused this Supplemental Indenture to be executed by its Chief Financial Officer and attested by its Secretary/Treasurer, Assistant Secretary/Treasurer or other authorized officer, and U.S. Bank National Association, as Trustee, has caused this Supplemental Indenture to be executed by one of its authorized officers and attested by one of its authorized officers all as of the day and year first above written.

ATTEST:

**PENNSYLVANIA TURNPIKE COMMISSION**

By:   
(Asst.) Secretary/  
(Asst.) Treasurer

By:   
Chief Financial Officer

ATTEST:

**U.S. BANK NATIONAL ASSOCIATION,  
as Trustee**

By: \_\_\_\_\_  
Authorized Officer

By: \_\_\_\_\_  
Authorized Officer

IN WITNESS WHEREOF, the Pennsylvania Turnpike Commission has caused this Supplemental Indenture to be executed by its Chief Financial Officer and attested by its Secretary/Treasurer, Assistant Secretary/Treasurer or other authorized officer, and U.S. Bank National Association, as Trustee, has caused this Supplemental Indenture to be executed by one of its authorized officers and attested by one of its authorized officers all as of the day and year first above written.

ATTEST:

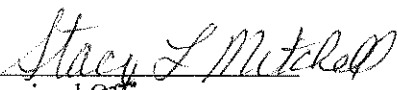
**PENNSYLVANIA TURNPIKE COMMISSION**

By: \_\_\_\_\_  
(Asst.) Secretary/  
(Asst.) Treasurer

By: \_\_\_\_\_  
Chief Financial Officer

ATTEST:

**U.S. BANK NATIONAL ASSOCIATION,  
as Trustee**

By:   
Authorized Officer

By:   
Authorized Officer

**EXHIBIT A**

**FORM OF FIRST SERIES BOND**

No. RA-1-

\$ \_\_\_\_\_

**PENNSYLVANIA TURNPIKE COMMISSION  
TURNPIKE REVENUE REFUNDING BOND  
FIRST SERIES OF 2020 (FEDERALLY TAXABLE)**

<b><u>SERIES ISSUE DATE</u></b>	<b><u>DATED DATE</u></b>	<b><u>MATURITY DATE</u></b>	<b><u>CUSIP</u></b>	<b><u>ISIN</u></b>	<b><u>COMMON CODE</u></b>

**INTEREST RATE:**

**REGISTERED OWNER:** Cede & Co.

**PRINCIPAL AMOUNT:**

Pennsylvania Turnpike Commission (the “Commission”), an instrumentality of the Commonwealth of Pennsylvania (the “Commonwealth”), for value received, hereby promises to pay to the registered owner hereof, or registered assigns, on the maturity date shown hereon, the principal amount shown hereon, unless redeemed prior thereto as hereinafter provided, upon presentation and surrender hereof at the designated corporate trust office of U.S. Bank National Association, Philadelphia, Pennsylvania, as Trustee (the “Trustee”) under an Amended and Restated Trust Indenture, dated as of March 1, 2001, between the Commission and the Trustee, as previously amended and supplemented (the “Restated Indenture”), and as further supplemented by a Supplemental Trust Indenture No. 53, dated as of January 1, 2020, between the Commission and the Trustee (the “Supplemental Indenture” and, together with the Restated Indenture and all amendments and supplements thereto, the “Indenture”), and to pay by check or draft drawn on U.S. Bank National Association, as paying agent (the “Paying Agent”), interest on such principal sum at the interest rate stated hereon, from the June 1 or December 1 (each hereinafter referred to as an “Interest Payment Date”), next preceding the date hereof unless (i) this Bond shall be authenticated after a Record Date (hereinafter defined) and on or before the next succeeding Interest Payment Date, in which case this Bond shall bear interest from such next succeeding Interest Payment Date, or (ii) this Bond shall be authenticated on or before January 30, 2020, in which case this Bond shall bear interest from the Series Issue Date, payable June 1, 2020, and semiannually on each Interest Payment Date thereafter, until the obligation with respect to the payment of such principal shall be discharged, but only in the case of interest due at or before maturity, to the person in whose name this Bond shall be registered at the close of business on the Record Date for such interest, which shall be the fifteenth day (whether or not a Business Day) of the calendar month immediately preceding such Interest Payment Date. Interest on the First Series Bonds (as defined hereinafter) shall be computed on the basis of a 360-day year of twelve 30-day months. Any interest not paid on an Interest Payment Date shall be paid to the persons in whose

names the First Series Bonds are registered as of a Special Record Date established by the Trustee, which shall be not more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall cause notice of the proposed payment of such defaulted interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each Owner of a First Series Bond entitled to such notice at the address of such owner as it appears on the Bond Register not less than 10 days prior to such Special Record Date.

This Bond is one of a duly authorized issue of bonds of the Commission designated Pennsylvania Turnpike Commission Turnpike Revenue Refunding Bonds, First Series of 2020 (Federally Taxable) (the “First Series Bonds”), issued in the aggregate principal amount of \$179,100,000 under and pursuant to an Act of the General Assembly of Pennsylvania approved on July 18, 2007, P. L. 169, No. 44 (“Act 44”), as amended and supplemented by an Act of the General Assembly approved November 25, 2013, P.L. 974, No. 89 (“Act 89”) and various Acts of the General Assembly approved on several dates, including the Act of May 21, 1937, P. L. 774; the Act of May 24, 1945, P. L. 972; the Act of February 26, 1947, P. L. 17; the Act of May 23, 1951, P. L. 335; the Act of August 14, 1951, P. L. 1232; the Act of September 30, 1985, P. L. 240, No. 61 (“Act 61”), to the extent not repealed by Act 44 (collectively, the “Enabling Acts”), under and pursuant to resolutions of the Commission and under and pursuant to the Indenture, for the purposes of financing the costs of (i) advance or currently refunding certain Bonds; (ii) funding necessary reserves to the extent required for such financing; (iii) if necessary, obtaining one or more credit facilities in connection with the First Series Bonds; and (iv) issuing the First Series Bonds.

An executed counterpart of the Indenture is on file at the office of the Commission and at the designated corporate trust offices of the Trustee and the Paying Agent. Reference is hereby made to the Indenture for the provisions, among others, with respect to the custody and application of the proceeds of the First Series Bonds, the collection and disposition of Revenues, the funds charged with and pledged to the payment of the interest on, the principal of and the premium, if any, on the First Series Bonds, the nature and extent of the security, the terms and conditions on which the First Series Bonds are issued, the rights, duties and obligations of the Commission, the Calculation Agent, the Paying Agent and the Trustee and the rights of the owners of the First Series Bonds. By the acceptance of this Bond, the registered owner hereof and, if a book entry system is being used for the First Series Bonds, any participant in the registered owner and any person claiming a beneficial interest under or through such registered owner or participant assents to all of the provisions of the Indenture. Unless the context clearly requires otherwise, capitalized terms used in this Bond and not expressly defined in this Bond shall have the respective meanings given to those terms in, or by reference in, the Supplemental Indenture.

Whenever the due date for payment of interest or principal of the First Series Bonds or the date fixed for redemption of any First Series Bond shall be a Saturday, a Sunday, a legal holiday or a day on which the Trustee or the Paying Agent is authorized by law to close, then payment of such interest, principal or redemption price need not be made on such date, but may be made on the next succeeding day which is not a Saturday, a Sunday, a legal holiday, or a day on which the Trustee or the Paying Agent is authorized by law to close, with the same force and effect as if made on the due date for payment of principal, interest or redemption price, and no interest shall accrue thereon for any period after such due date. Principal of, premium, if any, and interest on

this Bond are payable only from moneys deposited or to be deposited under the Indenture, in such coin or currency of the United States of America as at the time and place of payment is legal tender for payment of public and private debts.

THE FIRST SERIES BONDS ARE LIMITED OBLIGATIONS OF THE COMMISSION AND SHALL NOT BE DEEMED TO BE DEBT OF THE COMMONWEALTH. THE FIRST SERIES BONDS SHALL BE PAYABLE SOLELY FROM THE REVENUES (AS DEFINED IN THE INDENTURE) OF THE COMMISSION PLEDGED FOR THAT PURPOSE. THE FAITH AND CREDIT OF THE COMMONWEALTH ARE NOT PLEDGED TO THE PAYMENT OF THE PRINCIPAL OR REDEMPTION PRICE HEREOF OR THE INTEREST HEREON, AND THE COMMONWEALTH IS NOT DIRECTLY OR INDIRECTLY OR CONTINGENTLY OBLIGATED TO LEVY OR TO PLEDGE ANY FORM OF TAXATION WHATEVER THEREFOR, OR TO MAKE ANY APPROPRIATION FOR PAYMENT OF THE FIRST SERIES BONDS.

The Indenture provides for the issuance, under the conditions, limitations and restrictions therein set forth, of Additional Bonds and Subordinated Indebtedness (each as described in the Indenture) for the purposes set forth therein.

Except as otherwise provided in the Indenture, the First Series Bonds are equally and ratably secured, together with all other bonds issued or to be issued in the future pursuant to the Indenture (collectively, the “Bonds”) by a pledge by the Commission of the Trust Estate (as defined in the Indenture), including the Revenues (as defined in the Indenture), which term currently includes, among other things, tolls from the Turnpike System’s “Main Line” and the “Northeast Extension” and any other roads for which the Commission has operational responsibilities and is collecting tolls, but does not include tolls from such other roads (other than the Main Line and the Northeast Extension) as are designated by the Commission as not being part of the Turnpike System for purposes of the Indenture. Any Additional Bonds issued under the Indenture will be equally and ratably secured under the Indenture with the First Series Bonds and all other Bonds issued and outstanding under the Indenture.

The Commission is required to fix and charge tolls for the use of the Pennsylvania Turnpike System and to adjust such tolls from time to time as may be necessary in order that such tolls and other Revenues will be sufficient to pay the cost of maintaining, repairing and operating the same, to pay the principal of and interest on the First Series Bonds and all other Bonds, and to create reserves for such purposes, all in the manner provided in the Indenture.

The First Series Bonds are issuable in the form of registered bonds in denominations of \$5,000 each or any integral multiple thereof. Subject to the conditions and upon payment of the charges, if any, provided in the Indenture, this First Series Bond, upon surrender hereof at the Principal Office of the Trustee, as bond registrar (“Bond Registrar”) in Philadelphia, Pennsylvania, with a written instrument of transfer satisfactory to the Bond Registrar duly executed by the registered owner or his attorney duly authorized in writing, may, at the option of the registered owner thereof, be exchanged for an equal aggregate principal amount of First Series Bonds of any other authorized denomination of the same maturity.



**The First Series Bonds are Debt Service Reserve Fund Bonds under the Indenture.**

Optional Redemption

The First Series Bonds maturing on or after December 1, 2030, are subject to optional redemption by the Commission in whole or in part at any time and from time to time on or after December 1, 2029, at a redemption price of 100% of the principal amount thereof to be redeemed plus, in each case, accrued interest on the First Series Bonds to be redeemed to the redemption date.

Mandatory Sinking Fund Redemption

The First Series Bonds maturing on December 1, 2039 and December 1, 2043, shall be subject to mandatory sinking fund redemption prior to maturity by the Commission in the respective years and in the amounts set forth below, at a redemption price equal to 100% of the principal amount thereof, plus accrued interest to the redemption date:

<u>First Series Bonds Maturing December 1, 2039</u>		<u>First Series Bonds Maturing December 1, 2043</u>	
<u>Year (Dec. 1)</u>	<u>Amount</u>	<u>Year (Dec. 1)</u>	<u>Amount</u>
2035	\$9,170,000	2040	\$11,035,000
2036	9,475,000	2041	11,415,000
2037	9,785,000	2042	31,335,000
2038	10,570,000	2043*	19,795,000
2039*	26,470,000		

\* Final Maturity

Notice of redemption will be provided as set forth in the Indenture. A redemption notice may state: (1) that it is conditioned upon the deposit of moneys, in an amount equal to the amount necessary to effect the redemption, with the Trustee no later than the redemption date; and/or (2) that the Commission retains the right to rescind such notice at any time prior to the scheduled redemption date if the Commission delivers a certificate of a Commission Official to the Trustee instructing the Trustee to rescind the redemption notice (in either case, a “Conditional Redemption”), and such notice and redemption shall be of no effect if such moneys are not so deposited or if the notice is rescinded as described below.

Any Conditional Redemption may be rescinded in whole or in part at any time prior to the redemption date if the Commission delivers a certificate of a Commission Official to the Trustee instructing the Trustee to rescind the redemption notice. The Trustee shall give prompt notice of such rescission to the affected Bondholders. Any First Series Bonds subject to Conditional Redemption where redemption has been rescinded shall remain Outstanding, and the rescission shall not constitute an Event of Default. Further, in the case of a Conditional Redemption, the failure of the Commission to make funds available in part or in whole on or before the redemption date shall not constitute an Event of Default.

First Series Bonds shall be redeemed only in Authorized Denominations. Any First Series Bonds subject to partial optional redemption shall be redeemed in any order of maturity and in any principal amount within a maturity as designated by the Commission. The particular First Series Bonds within a maturity to be redeemed shall be determined by the Trustee by lot or by such other method as the Trustee deems fair and appropriate.

The owner of this First Series Bond by the acceptance hereof specifically agrees that the Trustee shall be under no obligation to take any action with respect to any Event of Default occurring under the terms of this First Series Bond or the Indenture, other than to give notice of certain defaults as provided in the Indenture, unless requested so to do in writing by the owners of not less than a majority in principal amount of the Bonds then Outstanding under the Indenture and upon receipt of satisfactory indemnity as provided in the Indenture.

The owner of this First Series Bond shall have no right to enforce the provisions of the Indenture or to institute action to enforce the covenants therein, or to take any action with respect to any event of default under the Indenture, or to institute, appear in or defend any suit or other proceeding with respect thereto, except as provided in the Indenture.

Upon the occurrence of an event of default, and on the conditions, in the manner and with the effect, set forth in the Indenture, the principal of all Bonds then outstanding under the Indenture may become or may be declared due and payable before the stated maturities thereof, together with the interest accrued thereon.

Modifications or alterations of the Indenture or of any indenture supplemental thereto may be made by the Commission and the Trustee only to the extent and in the circumstances permitted by the Indenture.

All acts conditions and things required by the Constitution and statutes of the Commonwealth and the rules and regulations of the Commission to happen, exist and be performed precedent to and in the issuance of this First Series Bond and the execution of the Indenture, and the Supplemental Indenture have happened, exist and have been performed as so required.

**THIS FIRST SERIES BOND IS A LIMITED OBLIGATION OF THE COMMISSION AND IS PAYABLE SOLELY FROM THE SOURCES REFERRED TO HEREIN. NEITHER THE GENERAL CREDIT NOR THE TAXING POWER OF THE COMMONWEALTH OF PENNSYLVANIA OR ANY POLITICAL SUBDIVISION THEREOF IS PLEDGED FOR THE PAYMENT OF THIS FIRST SERIES BOND. THIS FIRST SERIES BOND SHALL NOT BE OR BE DEEMED AN OBLIGATION OF THE COMMONWEALTH OF PENNSYLVANIA OR ANY POLITICAL SUBDIVISION THEREOF. THE COMMISSION HAS NO TAXING POWER.**

No recourse shall be had for the payment of the principal or redemption price of, or interest on, this First Series Bond, or for any claim based hereon or on the Indenture, against any member, director, officer or employee, past, present or future, of the Commission or of any successor body, as such, either directly or through the Commission or any such successor body, under any constitutional provision, statute or rule of law, or by the enforcement of any assessment or by any legal or equitable proceeding or otherwise.

This Bond shall not be valid or become obligatory for any purpose or be entitled to any security or benefit under the Indenture until the Certificate of Authentication hereon shall have been signed by the Bond Registrar.

If the First Series Bonds are held by The Depository Trust Company in book-entry form pursuant to the Supplemental Indenture, the following legend (or such other legend as may be satisfactory to the Trustee, the Commission and The Depository Trust Company) shall appear in this place: Unless this Bond is presented by an authorized representative of The Depository Trust Company, a New York corporation (“DTC”), to the Trustee or its agent for registration of transfer, exchange or payment, and any bond issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of DTC (and any payment is made to Cede & Co. or to such other entity as is requested by an authorized representative of DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein.

[SIGNATURE PAGE AND CERTIFICATE OF AUTHENTICATION FOLLOW]

**IN WITNESS WHEREOF**, the Commission has caused this First Series Bond to be executed in its name by the Chair or Vice Chair (in the absence of the Chair) of the Commission and the official seal of the Commission to be affixed, imprinted, lithographed or reproduced hereon and attested by the Secretary/Treasurer, or Assistant Secretary/Assistant Treasurer.

Attest:

**PENNSYLVANIA TURNPIKE COMMISSION**

By: \_\_\_\_\_  
(Asst.) Secretary/(Asst.) Treasurer

By: \_\_\_\_\_  
Chair, Pennsylvania Turnpike Commission

[Commission Seal]

**CERTIFICATE OF AUTHENTICATION**

This First Series Bond is one of the First Series Bonds described in the within-mentioned Indenture. Printed hereon or attached hereto is the complete text of the opinion of Stradley Ronon Stevens & Young, LLP, Philadelphia, Pennsylvania and Powell Law, PC, Harrisburg, Pennsylvania, Co-Bond Counsel, dated the date of initial delivery of and payment for the First Series Bonds, a signed original of which is on file with the Trustee and the Bond Registrar.

**U.S. BANK NATIONAL ASSOCIATION,**  
Authenticating Agent

By: \_\_\_\_\_  
Authorized Signature

Date of Authentication: \_\_\_\_\_

**ABBREVIATIONS**

The following abbreviations, when used in this First Series Bond, shall be construed as though they were written out in full according to applicable laws or regulations.

TEN COM as tenants in common  
TEN ENT as tenants by the entireties  
JT TEN as joint tenants with the right of survivorship and not as tenants in common

UNIFORM TRANS MIN ACT \_\_\_\_\_ Custodian \_\_\_\_\_  
(Cust) (Minor)  
under Uniform Transfers to Minors  
Act \_\_\_\_\_  
(State)

Additional abbreviations may also be used though not in the above list.

**ASSIGNMENT**

For value received, the undersigned hereby sells, assigns and transfers unto \_\_\_\_\_ the within First Series Bond and all rights thereunder, and hereby irrevocably constitutes and appoints, \_\_\_\_\_ attorney to transfer the said First Series Bond on the bond register, with full power of substitution in the premises.

- Assignor’s Signature:
- Dated:
- Signature guaranteed:
- Social Security
- Number or Employer
- Identification Number of Assignee:

NOTICE: The signature(s) must be guaranteed by a member of an approved Signature Guarantee Medallion Program.

**EXHIBIT B**

**FORM OF SUB-SERIES BOND**

No. RA-1-

\$ \_\_\_\_\_

**PENNSYLVANIA TURNPIKE COMMISSION  
TURNPIKE REVENUE REFUNDING BOND  
FIRST SERIES OF 2020 (FEDERALLY TAXABLE), SUB-SERIES A**

<b><u>SERIES ISSUE DATE</u></b>	<b><u>DATED DATE</u></b>	<b><u>MATURITY DATE</u></b>	<b><u>CUSIP</u></b>	<b><u>ISIN</u></b>	<b><u>COMMON CODE</u></b>

**INTEREST RATE:**

**REGISTERED OWNER:** Cede & Co.

**PRINCIPAL AMOUNT:**

Pennsylvania Turnpike Commission (the “Commission”), an instrumentality of the Commonwealth of Pennsylvania (the “Commonwealth”), for value received, hereby promises to pay to the registered owner hereof, or registered assigns, on the maturity date shown hereon, the principal amount shown hereon, unless redeemed prior thereto as hereinafter provided, upon presentation and surrender hereof at the designated corporate trust office of U.S. Bank National Association, Philadelphia, Pennsylvania, as Trustee (the “Trustee”) under an Amended and Restated Trust Indenture, dated as of March 1, 2001, between the Commission and the Trustee, as previously amended and supplemented (the “Restated Indenture”), and as further supplemented by a Supplemental Trust Indenture No. 53, dated as of January 1, 2020, between the Commission and the Trustee (the “Supplemental Indenture” and, together with the Restated Indenture and all amendments and supplements thereto, the “Indenture”), and to pay by check or draft drawn on U.S. Bank National Association, as paying agent (the “Paying Agent”), interest on such principal sum at the interest rate stated hereon, from the June 1 or December 1 (each hereinafter referred to as an “Interest Payment Date”), next preceding the date hereof unless (i) this Bond shall be authenticated after a Record Date (hereinafter defined) and on or before the next succeeding Interest Payment Date, in which case this Bond shall bear interest from such next succeeding Interest Payment Date, or (ii) this Bond shall be authenticated on or before January 30, 2020, in which case this Bond shall bear interest from the Series Issue Date, payable June 1, 2020, and semiannually on each Interest Payment Date thereafter, until the obligation with respect to the payment of such principal shall be discharged, but only in the case of interest due at or before maturity, to the person in whose name this Bond shall be registered at the close of business on the Record Date for such interest, which shall be the fifteenth day (whether or not a Business Day) of the calendar month immediately preceding such Interest Payment Date. Interest on the Sub-series Bonds (as defined hereinafter) shall be computed on the basis of a 360-day year of twelve 30-day

months. Any interest not paid on an Interest Payment Date shall be paid to the persons in whose names the Sub-series Bonds are registered as of a Special Record Date established by the Trustee, which shall be not more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall cause notice of the proposed payment of such defaulted interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each Owner of a Sub-series Bond entitled to such notice at the address of such owner as it appears on the Bond Register not less than 10 days prior to such Special Record Date.

This Bond is one of a duly authorized issue of bonds of the Commission designated Pennsylvania Turnpike Commission Turnpike Revenue Refunding Bonds, First Series of 2020 (Federally Taxable), Sub-series A (the “Sub-series Bonds”), issued in the aggregate principal amount of \$55,220,000 under and pursuant to an Act of the General Assembly of Pennsylvania approved on July 18, 2007, P. L. 169, No. 44 (“Act 44”), as amended and supplemented by an Act of the General Assembly approved November 25, 2013, P.L. 974, No. 89 (“Act 89”) and various Acts of the General Assembly approved on several dates, including the Act of May 21, 1937, P. L. 774; the Act of May 24, 1945, P. L. 972; the Act of February 26, 1947, P. L. 17; the Act of May 23, 1951, P. L. 335; the Act of August 14, 1951, P. L. 1232; the Act of September 30, 1985, P. L. 240, No. 61 (“Act 61”), to the extent not repealed by Act 44 (collectively, the “Enabling Acts”), under and pursuant to resolutions of the Commission and under and pursuant to the Indenture, for the purposes of financing the costs of (i) advance or currently refunding certain Bonds; (ii) funding necessary reserves to the extent required for such financing; (iii) if necessary, obtaining one or more credit facilities in connection with the Sub-series Bonds; and (iv) issuing the Sub-series Bonds.

An executed counterpart of the Indenture is on file at the office of the Commission and at the designated corporate trust offices of the Trustee and the Paying Agent. Reference is hereby made to the Indenture for the provisions, among others, with respect to the custody and application of the proceeds of the Sub-series Bonds, the collection and disposition of Revenues, the funds charged with and pledged to the payment of the interest on, the principal of and the premium, if any, on the Sub-series Bonds, the nature and extent of the security, the terms and conditions on which the Sub-series Bonds are issued, the rights, duties and obligations of the Commission, the Calculation Agent, the Paying Agent and the Trustee and the rights of the owners of the Sub-series Bonds. By the acceptance of this Bond, the registered owner hereof and, if a book entry system is being used for the Sub-series Bonds, any participant in the registered owner and any person claiming a beneficial interest under or through such registered owner or participant assents to all of the provisions of the Indenture. Unless the context clearly requires otherwise, capitalized terms used in this Bond and not expressly defined in this Bond shall have the respective meanings given to those terms in, or by reference in, the Supplemental Indenture.

Whenever the due date for payment of interest or principal of the Sub-series Bonds or the date fixed for redemption of any Sub-series Bond shall be a Saturday, a Sunday, a legal holiday or a day on which the Trustee or the Paying Agent is authorized by law to close, then payment of such interest, principal or redemption price need not be made on such date, but may be made on the next succeeding day which is not a Saturday, a Sunday, a legal holiday, or a day on which the Trustee or the Paying Agent is authorized by law to close, with the same force and effect as if made on the due date for payment of principal, interest or redemption price, and no interest shall

accrue thereon for any period after such due date. Principal of, premium, if any, and interest on this Bond are payable only from moneys deposited or to be deposited under the Indenture, in such coin or currency of the United States of America as at the time and place of payment is legal tender for payment of public and private debts.

THE SUB-SERIES BONDS ARE LIMITED OBLIGATIONS OF THE COMMISSION AND SHALL NOT BE DEEMED TO BE DEBT OF THE COMMONWEALTH. THE SUB-SERIES BONDS SHALL BE PAYABLE SOLELY FROM THE REVENUES (AS DEFINED IN THE INDENTURE) OF THE COMMISSION PLEDGED FOR THAT PURPOSE. THE FAITH AND CREDIT OF THE COMMONWEALTH ARE NOT PLEDGED TO THE PAYMENT OF THE PRINCIPAL OR REDEMPTION PRICE HEREOF OR THE INTEREST HEREON, AND THE COMMONWEALTH IS NOT DIRECTLY OR INDIRECTLY OR CONTINGENTLY OBLIGATED TO LEVY OR TO PLEDGE ANY FORM OF TAXATION WHATEVER THEREFOR, OR TO MAKE ANY APPROPRIATION FOR PAYMENT OF THE SUB-SERIES BONDS.

The Indenture provides for the issuance, under the conditions, limitations and restrictions therein set forth, of Additional Bonds and Subordinated Indebtedness (each as described in the Indenture) for the purposes set forth therein.

Except as otherwise provided in the Indenture, the Sub-series Bonds are equally and ratably secured, together with all other bonds issued or to be issued in the future pursuant to the Indenture (collectively, the “Bonds”) by a pledge by the Commission of the Trust Estate (as defined in the Indenture), including the Revenues (as defined in the Indenture), which term currently includes, among other things, tolls from the Turnpike System’s “Main Line” and the “Northeast Extension” and any other roads for which the Commission has operational responsibilities and is collecting tolls, but does not include tolls from such other roads (other than the Main Line and the Northeast Extension) as are designated by the Commission as not being part of the Turnpike System for purposes of the Indenture. Any Additional Bonds issued under the Indenture will be equally and ratably secured under the Indenture with the Sub-series Bonds and all other Bonds issued and outstanding under the Indenture.

The Commission is required to fix and charge tolls for the use of the Pennsylvania Turnpike System and to adjust such tolls from time to time as may be necessary in order that such tolls and other Revenues will be sufficient to pay the cost of maintaining, repairing and operating the same, to pay the principal of and interest on the Sub-series Bonds and all other Bonds, and to create reserves for such purposes, all in the manner provided in the Indenture.

The Sub-series Bonds are issuable in the form of registered bonds in denominations of \$5,000 each or any integral multiple thereof. Subject to the conditions and upon payment of the charges, if any, provided in the Indenture, this Sub-series Bond, upon surrender hereof at the Principal Office of the Trustee, as bond registrar (“Bond Registrar”) in Philadelphia, Pennsylvania, with a written instrument of transfer satisfactory to the Bond Registrar duly executed by the registered owner or his attorney duly authorized in writing, may, at the option of the registered owner thereof, be exchanged for an equal aggregate principal amount of Sub-series Bonds of any other authorized denomination of the same maturity.



**The Sub-series Bonds are Debt Service Reserve Fund Bonds under the Indenture.**

Optional Redemption

The Sub-series Bonds maturing on or after December 1, 2030, are subject to optional redemption by the Commission in whole or in part at any time and from time to time on or after December 1, 2029, at a redemption price of 100% of the principal amount thereof to be redeemed plus, in each case, accrued interest on the Sub-series Bonds to be redeemed to the redemption date.

Mandatory Sinking Fund Redemption

The Sub-series Bonds maturing on December 1, 2041 are subject to mandatory sinking fund redemption prior to maturity in the principal amount set forth below at a redemption price equal to such principal amount to be redeemed plus accrued interest to the redemption date, without premium:

**Sub-series Bonds Maturing December 1, 2041**

<u>Year</u> <u>(December 1)</u>	<u>Amount</u>
2036	\$1,060,000
2037	1,095,000
2038	15,485,000
2039	945,000
2040	17,770,000
2041*	18,865,000

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\*Final Maturity

Notice of redemption will be provided as set forth in the Indenture. A redemption notice may state: (1) that it is conditioned upon the deposit of moneys, in an amount equal to the amount necessary to effect the redemption, with the Trustee no later than the redemption date; and/or (2) that the Commission retains the right to rescind such notice at any time prior to the scheduled redemption date if the Commission delivers a certificate of a Commission Official to the Trustee instructing the Trustee to rescind the redemption notice (in either case, a “Conditional Redemption”), and such notice and redemption shall be of no effect if such moneys are not so deposited or if the notice is rescinded as described below.

Any Conditional Redemption may be rescinded in whole or in part at any time prior to the redemption date if the Commission delivers a certificate of a Commission Official to the Trustee instructing the Trustee to rescind the redemption notice. The Trustee shall give prompt notice of such rescission to the affected Bondholders. Any Sub-series Bonds subject to Conditional Redemption where redemption has been rescinded shall remain Outstanding, and the rescission shall not constitute an Event of Default. Further, in the case of a Conditional Redemption, the failure of the Commission to make funds available in part or in whole on or before the redemption date shall not constitute an Event of Default.

Sub-series Bonds shall be redeemed only in Authorized Denominations. Any Sub-series Bonds subject to partial optional redemption shall be redeemed in any order of maturity and in any principal amount within a maturity as designated by the Commission. The particular Sub-series Bonds within a maturity to be redeemed shall be determined by the Trustee by lot or by such other method as the Trustee deems fair and appropriate.

The owner of this Sub-series Bond by the acceptance hereof specifically agrees that the Trustee shall be under no obligation to take any action with respect to any Event of Default occurring under the terms of this Sub-series Bond or the Indenture, other than to give notice of certain defaults as provided in the Indenture, unless requested so to do in writing by the owners of not less than a majority in principal amount of the Bonds then Outstanding under the Indenture and upon receipt of satisfactory indemnity as provided in the Indenture.

The owner of this Sub-series Bond shall have no right to enforce the provisions of the Indenture or to institute action to enforce the covenants therein, or to take any action with respect to any event of default under the Indenture, or to institute, appear in or defend any suit or other proceeding with respect thereto, except as provided in the Indenture.

Upon the occurrence of an event of default, and on the conditions, in the manner and with the effect, set forth in the Indenture, the principal of all Bonds then outstanding under the Indenture may become or may be declared due and payable before the stated maturities thereof, together with the interest accrued thereon.

Modifications or alterations of the Indenture or of any indenture supplemental thereto may be made by the Commission and the Trustee only to the extent and in the circumstances permitted by the Indenture.

All acts conditions and things required by the Constitution and statutes of the Commonwealth and the rules and regulations of the Commission to happen, exist and be performed precedent to and in the issuance of this Sub-series Bond and the execution of the Indenture, and the Supplemental Indenture have happened, exist and have been performed as so required.

**THIS SUB-SERIES BOND IS A LIMITED OBLIGATION OF THE COMMISSION AND IS PAYABLE SOLELY FROM THE SOURCES REFERRED TO HEREIN. NEITHER THE GENERAL CREDIT NOR THE TAXING POWER OF THE COMMONWEALTH OF PENNSYLVANIA OR ANY POLITICAL SUBDIVISION THEREOF IS PLEDGED FOR THE PAYMENT OF THIS SUB-SERIES BOND. THIS SUB-SERIES BOND SHALL NOT BE OR BE DEEMED AN OBLIGATION OF THE COMMONWEALTH OF PENNSYLVANIA OR ANY POLITICAL SUBDIVISION THEREOF. THE COMMISSION HAS NO TAXING POWER.**

No recourse shall be had for the payment of the principal or redemption price of, or interest on, this Sub-series Bond, or for any claim based hereon or on the Indenture, against any member, director, officer or employee, past, present or future, of the Commission or of any successor body, as such, either directly or through the Commission or any such successor body, under any constitutional provision, statute or rule of law, or by the enforcement of any assessment or by any legal or equitable proceeding or otherwise.

This Bond shall not be valid or become obligatory for any purpose or be entitled to any security or benefit under the Indenture until the Certificate of Authentication hereon shall have been signed by the Bond Registrar.

If the Sub-series Bonds are held by The Depository Trust Company in book-entry form pursuant to the Supplemental Indenture, the following legend (or such other legend as may be satisfactory to the Trustee, the Commission and The Depository Trust Company) shall appear in this place: Unless this Bond is presented by an authorized representative of The Depository Trust Company, a New York corporation (“DTC”), to the Trustee or its agent for registration of transfer, exchange or payment, and any bond issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of DTC (and any payment is made to Cede & Co. or to such other entity as is requested by an authorized representative of DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein.

[SIGNATURE PAGE AND CERTIFICATE OF AUTHENTICATION FOLLOW]

**IN WITNESS WHEREOF**, the Commission has caused this Sub-series Bond to be executed in its name by the Chair or Vice Chair (in the absence of the Chair) of the Commission and the official seal of the Commission to be affixed, imprinted, lithographed or reproduced hereon and attested by the Secretary/Treasurer, or Assistant Secretary/Assistant Treasurer.

Attest:

**PENNSYLVANIA TURNPIKE COMMISSION**

By: \_\_\_\_\_  
(Asst.) Secretary/(Asst.) Treasurer

By: \_\_\_\_\_  
Chair, Pennsylvania Turnpike Commission

[Commission Seal]

**CERTIFICATE OF AUTHENTICATION**

This Sub-series Bond is one of the Sub-series Bonds described in the within-mentioned Indenture. Printed hereon or attached hereto is the complete text of the opinion of Stradley Ronon Stevens & Young, LLP, Philadelphia, Pennsylvania and Powell Law, PC, Harrisburg, Pennsylvania, Co-Bond Counsel, dated the date of initial delivery of and payment for the Sub-series Bonds, a signed original of which is on file with the Trustee and the Bond Registrar.

**U.S. BANK NATIONAL ASSOCIATION,**  
Authenticating Agent

By: \_\_\_\_\_  
Authorized Signature

Date of Authentication: \_\_\_\_\_

**ABBREVIATIONS**

The following abbreviations, when used in this Sub-series Bond, shall be construed as though they were written out in full according to applicable laws or regulations.

TEN COM as tenants in common  
TEN ENT as tenants by the entireties  
JT TEN as joint tenants with the right of survivorship and not as tenants in common

UNIFORM TRANS MIN ACT \_\_\_\_\_ Custodian  
(Cust) \_\_\_\_\_ (Minor)  
under Uniform Transfers to Minors  
Act \_\_\_\_\_  
(State)

Additional abbreviations may also be used though not in the above list.

**ASSIGNMENT**

For value received, the undersigned hereby sells, assigns and transfers unto \_\_\_\_\_ the within Sub-series Bond and all rights thereunder, and hereby irrevocably constitutes and appoints, \_\_\_\_\_ attorney to transfer the said Sub-series Bond on the bond register, with full power of substitution in the premises.

Assignor's Signature:  
Dated:  
Signature guaranteed:  
Social Security  
Number or Employer  
Identification Number of Assignee:

NOTICE: The signature(s) must be guaranteed by a member of an approved Signature Guarantee Medallion Program.