

Meeting Date **October 18** 2018



Record of Meeting | October 18, 2018

The Illinois State Toll Highway Authority (the "Tollway") held the regularly scheduled Finance, Administration and Operations Committee Meeting on Thursday, October 18, 2018 in the Boardroom of Tollway Headquarters in Downers Grove, Illinois. The Meeting was held pursuant to By-Laws of the Tollway upon call and notice of the Meeting executed by Chairman Robert J. Schillerstrom and posted in accordance with the requirements of the Illinois Open Meetings Act. The Meeting was open to the public.

[Bolded entries indicate issues which may require follow-up to present or report to Directors.]

Call to Order / Pledge of Allegiance / Roll Call

Committee Chair Dotson called the meeting to order at approximately 9:00 a.m., stating that this is the regularly scheduled meeting of the Finance, Administration and Operations Committee ("FAO Committee") of the Tollway Board of Directors. He invited attendees to rise and join in the Pledge of Allegiance. Committee Chair Dotson then asked the Board Secretary to call the roll, those Directors present and absent being as follows:

Committee Members Present:

Committee Chair Earl Dotson, Jr.

Director Jim Banks

Director Craig Johnson

Director Bradley Stephens

Committee Members Not Present:

Director David Gonzalez

The Board Secretary declared a guorum present.

Public Comment

Committee Chair Dotson opened the floor for public comment. No public comment was offered.

Committee Chair's Items

Committee Chair Dotson called for a motion to approve Committee Chair's Item 1, the Minutes of the regular Finance, Administration and Operations Committee meeting held on September 20, 2018, as presented. Director Banks made a motion for approval; seconded by Director Stephens. Committee Chair Dotson asked if there are any questions, concerns or requests for amendment.



Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

Committee Chair Dotson then called for a motion to approve **Committee Chair's Item 2**, the Executive Session Minutes of the regular Finance, Administration and Operations Committee meeting held on August 16, 2018, as presented. Director Stephens made a motion for approval; seconded by Director Banks. Committee Chair Dotson asked if there are any questions, concerns or requests for amendment. Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

Having no further items, Committee Chair Dotson called on Executive Director Liz Gorman.

Executive Director's Items

Tentative 2019 Budget: Executive Director Gorman introduced Mike Colsch, Chief Financial Officer, to present to the Committee an overview of the annual budget process and of the Tentative 2019 Budget. <u>See attached presentation</u>.

Director Johnson inquired about increases proposed to staff numbers for the Office of Finance and the Engineering Department. Paul Kovacs, Chief Engineering Officer, responded that the increase to Engineering staff would include overnight maintenance supervisors and additional staff to facilitate H.E.L.P. truck operations during the winter months (not currently possible). Mr. Colsch responded that Finance staff additions are needed to support enterprise resource planning (ERP) software currently being implemented. He added that staff additions to the Procurement Department (under the Office of Finance) consist primarily of warehouse personnel.

Director Johnson asked why there would be decreases in the budget requests for FICA and Retirement and Group Insurance concurrently with an increase in the request for Salary and Wages. Mr. Colsch clarified that the decreases reflect negative variances to last year's budget requests which were overestimated. He noted that the 2019 requests for estimated retirement contributions and health insurance represent increases from actual expenditures in 2018.

Committee Chair Dotson inquired about the development of the budget request for Group Insurance costs. Mr. Colsch explained that having not yet met with the provider, the estimate was developed using a baseline projection for health care costs increases of approximately 6 percent annually absent plan modifications.

Director Johnson, observing that 2019 will be a significant year for capital program spending (approximately \$1.4 billion), requested confirmation that the agency feels confident in its resources and capacity for appropriate oversight. Mr. Kovacs confirmed. He further highlighted



that the American Society of Civil Engineers recently honored Clarita Lao, Deputy Chief of Program Implementation, with their "Government Engineer of the Year" award.

Items for Consideration

Finance

Committee Chair Dotson called on Mike Colsch, Chief Financial Officer, to present to the Committee the following Finance items:

Item 1: Approval of the 2019 Tentative Budget.

<u>Item 2</u>: Extend authorization to refund Series 2007A, 2008A, 2009A from December 31, 2018 to December 31, 2020.

Director Johnson inquired about interest rates in the marketplace and the agency's strategy for bond issuance in a rising rate environment. Mr. Colsch responded that the rate increases to date have primarily affected the short end of the curve. He noted, however, that more recently long-term rates have been following suit, rising approximately 50 basis points over the last 18 months. In reference to potential acceleration of bond issuance, Mr. Colsch discussed the regulatory limitations and tax requirements impacting timing of bond issues. He additionally discussed the concern of funding prior to need considering debt issuance costs and the low returns achieved in short-term U.S. Treasury securities (in which these funds would need to be held). He advised the Committee that in the current environment, there may be advantages to selling bonds at the beginning of the year as opposed to the end and the Debt Management team is assessing the markets continuously.

Upon conclusion of the presentation of items, Committee Chair Dotson requested a motion to approve placement of **Finance Item 1** on the October Board of Directors meeting agenda with the Committee's recommendation for approval by the Board. Director Banks made a motion for approval; seconded by Director Stephens. Committee Chair Dotson asked if there are any questions, concerns or requests for discussion. Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

Committee Chair Dotson then requested a motion to approve placement of **Finance Item 2** on the October Board of Directors meeting agenda with the Committee's recommendation for approval by the Board. Director Stephens made a motion for approval; seconded by Director Johnson. Committee Chair Dotson asked if there are any questions, concerns or requests for discussion. Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.







Procurement

Committee Chair Dotson called on John Donato, Chief of Procurement, to present to the Committee the following Procurement item:

Item 1: Award of Contract 18-0143 to Mythics, Inc. for the purchase of Oracle Software Maintenance and Support in an amount not to exceed \$1,685,275.39 (Order Against CMS Master Contract).

Upon conclusion of the item presentation, Committee Chair Dotson requested a motion to approve placement of Procurement Item 1 on the October Board of Directors meeting agenda with the Committee's recommendation for approval by the Board. Director Banks made a motion for approval; seconded by Director Stephens. Committee Chair Dotson asked if there are any questions, concerns or requests for discussion. Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

Engineering

Committee Chair Dotson called on Paul Kovacs, Chief Engineering Officer, to present to the Committee the following Engineering items:

Item 1: Award of Contract RR-18-4418 to Lizzette Medina & Co, DBA Lizzette Medina Landscape Management for Landscaping Planting Improvements, on the Reagan Memorial Tollway (I-88), Illinois Route 251 Interchange from Mile Post 75.75 to Mile Post 76.50, in the amount of \$338,862.90.

Item 2: Award of Contract I-17-4683 to Judlau Contracting, Inc. for Roadway and Bridge Construction, on the Illinois Route 390 Tollway from Mile Post 15.9 (IL 83) to Mile Post 17 (York Road), in the amount of \$38,317,847.79.

Director Johnson observed that the amount of the low bid selected is significantly below the Engineer's Estimate. Mr. Kovacs replied that it is his belief that aggressive pricing was achieved due to increased bid competition.

Item 3: Acceptance of Proposal from Parsons Transportation Group, Inc., on Contract I-18-4361 for Planning Studies and Master Plan Services to extend the Illinois Route 390 Tollway west from Mile Post 5.8 (Lake Street) to County Farm Road, in an amount not to exceed \$3,655,606.72.

Item 4: Acceptance of Proposal from Great Arc Technologies, Inc., on Contract RR-14-9170 for Supplemental Infrastructure Management System Services, Systemwide, in an amount of \$3,000,000.00 from \$3,000,000.00 to \$6,000,000.00.





Finance, Administration & Operations Committee Meeting

<u>Item 5</u>: Acceptance of Proposal from Bowman, Barrett & Associates Inc./Christopher B. Burke Engineering, Ltd., on Contract I-17-4303 for Supplemental Design Services for Roadway Reconstruction, Widening and Bridge Rehabilitation, on the Tri-State Tollway (I-294) from Mile Post 37.8 (O'Hare Oasis) to Mile Post 40.0 (Balmoral Avenue), in an amount of \$970,000.00 from \$6,700,000.00 to \$7,670,000.00.

<u>Item 6</u>: Acceptance of Proposal from Knight E/A, Inc., on Contract I-13-4623 for Supplemental Design Services for the IL 19 Interchange on the Elgin O'Hare Western Access (EOWA) at IL 19 (West Irving Park Road), in an amount of \$2,800,000.00 from \$5,526,800.72 to \$8,326,800.72.

<u>Item 7</u>: Acceptance of Proposal from exp U S Services, Inc., on Contract I-13-4624 for Supplemental Design Services Upon Request, on the Elgin O'Hare Western Access (EOWA), in an amount of \$500,000.00 from \$5,000,000.00 to \$5,500,000.00.

<u>Item 8</u>: Acceptance of Proposal from CH2M Hill Inc., on Contract I-11-4014 for Supplemental Design Corridor Management Services, on the Elgin O'Hare Western Access (EOWA), in an amount of \$13,899,943.80 from \$103,840,422.00 to \$117,740,365.80.

<u>Item 9</u>: Acceptance of Proposal from WSP USA, Inc., on Contract RR-15-9975RR for Supplemental Consulting Engineer Services, Systemwide, in an amount of \$5,752,823.42 from \$84,500,000.00 to \$90,252,823.42.

<u>Item 10</u>: Approval of a six-month Lease Extension with Meade, Inc. concerning approximately 90,000 square feet of Tollway-owned real estate situated near I-294 and I-55. Cost to the Tollway: \$0.

Upon conclusion of the presentation of items, Committee Chair Dotson requested a motion to consolidate for consideration and action Engineering Items 1 through 10. Director Banks made a motion to consolidate; seconded by Director Stephens. Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

The motion to consolidate these items having carried, Committee Chair Dotson called for a motion to approve placement of **Engineering Items 1 through 10** on the October Board of Directors meeting agenda with the Committee's recommendation for approval by the Board. Director Stephens made a motion for approval; seconded by Director Banks. Committee Chair Dotson asked if there are any questions, concerns or requests for discussion. Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.



Meeting Date October 18 2018



Minutes of the 2018 Finance, Administration & Operations Committee Meeting

Legal

Committee Chair Dotson called on Liz Oplawski, Acting General Counsel, to present to the Committee the following Legal items:

<u>Item 1</u>: Approval of an Intergovernmental Agreement with Cook County, the City of Northlake, and the City of Elmhurst regarding the Illinois Route 390 project including improvements to the US Route 20 bridge over Illinois Route 64, construction of a new connector roadway from the bridge to eastbound Illinois Route 64, and improvement of the northbound I-294 and area interchanges. Cost to the Tollway: Estimated at \$7,164,711.52.

<u>Item 2</u>: Approval of an Intergovernmental Agreement with the Illinois Department of Transportation, the County of Kane, and the Village of Sugar Grove regarding completion of a full interchange at I-88 and Illinois Route 47. Cost to the Tollway: none incurred from entering the IGA but project share will be estimated at \$14,967,887.40 in future construction/consultant agreements.

<u>Item 3</u>: Approval of an Intergovernmental Agreement with the Illinois Department of Transportation, the County of McHenry, and the City of Marengo. The Agreement defines the design, construction, and cost-sharing responsibilities associated with the construction of a full interchange at I-90 and Illinois Route 23. Cost to the Tollway: Estimated at \$33,388,319.00. The Department, the County, and the City will be reimbursing the Tollway an amount estimated at \$16,844,159.50.

Director Johnson observed that the scope of work includes a roundabout interchange and asked whether there is expectation of further implementation of such facilities. Mr. Kovacs responded that the roundabout would be the first of its kind on the Tollway system. He then commented on the traffic volumes for which it is appropriate and safety advantages of eliminating left turns, advising the Committee that such factors will inform any future utilization.

<u>Item 4</u>: Bond Counsel – Approval of a Pool of Law Firms to be used as Outside Counsel for Bond and other related Financial Transaction matters. Cost to the Tollway: To be determined per negotiation with pool firms.

Upon conclusion of the presentation of items, Committee Chair Dotson requested a motion to consolidate for consideration and action Legal Items 1 through 4. Director Johnson made a motion to consolidate; seconded by Director Stephens. Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

The motion to consolidate these items having carried, Committee Chair Dotson called for a motion to approve placement of Legal Items 1 through 4 on the October Board of Directors meeting



agenda with the Committee's recommendation for approval by the Board. Director Stephens made a motion for approval; seconded by Director Banks. Committee Chair Dotson asked if there are any questions, concerns or requests for discussion. Hearing nothing, Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

Adjournment

There being no further business before the Committee, Committee Chair Dotson requested a motion to adjourn. Motion to adjourn was made by Director Johnson; seconded by Director Stephens. Committee Chair Dotson called for a vote. The motion was PASSED unanimously.

The Meeting was adjourned at approximately 9:56 a.m.

Christe Regnery

Minutes taken by:

Christi Regnery Board Secretary Illinois State Toll Highway Authority



TENTATIVE 2019 BUDGET

October 18, 2018

Mike Colsch



2019 Budget Schedule

October

Tentative 2019 Budget presented to Board

November

- ✓ Public review/comment on Tentative 2019 Budget
- Public comments presented to Board
- Incorporate changes arising from review process

December

✓ Board votes on Final 2019 Budget



2019 Tentative Budget Highlights

Revenue

✓ Steady growth year-over-year

Maintenance and Operations

- Increase in credit card fees and outside services to support electronic toll collection and customer service activities
- Operating costs consistent with financial plan

Capital Program

 Demonstrates the Tollway's commitment to infrastructure improvements, maintaining system integrity and technology



2019 Revenue Sources

Sources of Revenues FY 2018 - FY 2019

	FY 2018	FY 2018	FY 2019
(\$ millions)	Budget	Estimates	Projections
Toll Revenues and Evasion Recovery	\$1,430	\$1,417	\$1,470
Investment Income	12	28	30
Concessions and Miscellaneous Revenues	8	10	10
Revenues Total	\$1,450	\$1,455	\$1,510

* CDM Smith's expected toll revenue estimate for fiscal year 2019 totals \$1,486.9 million. Tollway makes adjustments to reflect toll non-payments, underpayments and evasion recovery. Please refer to pages XX-XX of the 2019 Tentative Budget book for additional information.



Note: Numbers may not add to totals due to rounding

Presented by Mike Colsch on October 18, 2018

2019 Revenue Allocations

MORE THAN 75 PERCENT OF REVENUES ALLOCATED TO SUPPORT INFRASTRUCTURE

	FY 2018	FY 2018	FY 2019
(\$ millions)	Budget	Estimates	Projections
Maintenance and Operations	\$353	\$336	\$365
Debt Service Transfers	413	410	441
Deposits to Renewal and Replacement	684	709	704
and Improvement			
Revenues Total	\$1,450	\$1,455	\$1,510

(1) M&O Transfers For FY 2018 estimate may differ due to amounts carried over from prior year.



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2019 Maintenance and Operations

KEY DRIVERS OF OPERATING BUDGET

- Increase in total payroll due to salary and wage adjustments, offset by a decrease in estimated retirement contributions
- Increase in credit card fees associated with higher toll revenue
- Increase in customer service and consulting costs to support increase in transaction growth and technology
- Decrease in equipment maintenance for toll collection equipment and new back-office software



Focus on the customer

The Illinois Tollway serves

- 1.6 million daily drivers
- ✓ 88 percent of all transactions are I-PASS transactions

2019 Operating Budget includes

- ✓ \$94 million in business systems to support customer service and tolling technology
- ✓ \$34.8 million for State Police to improve safety services
- ✓ \$71 million for roadway maintenance and technology
- \$20.6 million for Information Technology

Goal: Enhance the customer driving experience



Note: Numbers may not add to totals due to rounding

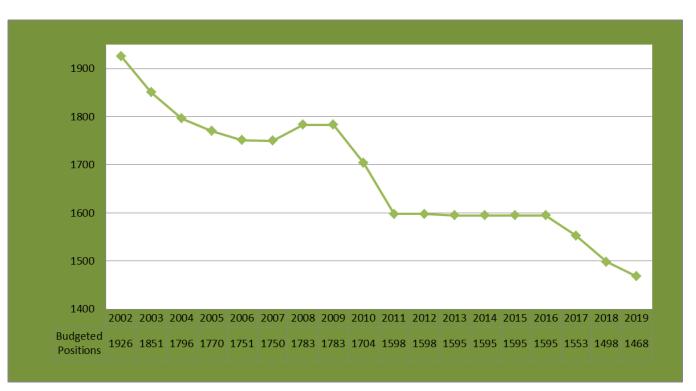
2019 Maintenance and Operations by Category

Category	2017	2018	2019	\$ Change	% Change
(\$ millions)	Actual Expenditures	Budget Request	Budget Request	from 2018 Budget	from 2018 Budget
Salary and Wages	\$103.7	\$104.2	\$105.7	\$1.5	1.5%
FICA and Retirement	54.6	63.0	62.6	(0.5)	(0.7%)
Group Insurance	33.8	39.8	39.4	(0.4)	(1.0%)
All Other Insurance	7.5	11.5	11.6	0.2	1.3%
Credit Card Fees and Bank Charges	26.1	27.1	30.3	3.2	11.8%
All Other Contractual Services	52.5	58.2	66.2	7.9	13.6%
Equipment/ Office Rental/ Maintenance	23.4	29.2	27.2	(2.0)	(6.8%)
Parts and Fuels	6.0	6.0	6.9	0.9	14.4%
Utilities	8.1	8.2	8.9	0.7	8.0%
Operational Materials and Supplies	5.1	6.7	7.7	1.1	15.8%
Other Miscellaneous Expenses	0.9	1.0	1.0	0.1	6.5%
Recovery of Expenses	(2.3)	(2.3)	(2.3)	-	0.0%
Total M and O Expenditures	\$319.4	\$352.8	\$365.4	\$12.6	3.6%

INCREASE IN OPERATING COSTS – 3.6 PERCENT FROM 2018 BUDGET



Tollway Headcount – As of 12/31 annually HEADCOUNT LOWEST IN MORE THAN 30 YEARS





2019 Debt Service

- Assumes issuance of \$400 million of new bonds in 2019
- ✓ Outstanding debt at 1/1/2019 is \$6.3 billion
 - Includes \$300 million new bond issuance planned in 4th Quarter 2018

Transfers for debt service estimated at \$441 million

- Interest \$319 million
- Principal \$131 million
- Other \$ 6 million (bond-related costs)
- Offset by \$ (15) million federal Build America Bonds subsidy

✓ Estimated debt service coverage of 2.6x in 2018 and 2.5x in 2019



Capital Program

KEY 2019 CAPITAL PROGRAM HIGHLIGHTS

Elgin O'Hare Western Access Project

- Continued advance work for new I-490 Tollway
- Construction of I-490 Interchange flyover ramps and connection to Illinois Route 390 Tollway
- Construction work at I-490/I-294 Interchange and I-490/I-90 Interchange
- Right-of-way purchases and utility relocations

Central Tri-State Tollway (I-294) Project

- Continued design and construction for reconstruction between 95th Street and Balmoral Avenue
- Right-of-way acquisition and utility relocations

Tri-State Tollway (I-294)/I-57 Interchange Project

Phase II ramp construction to begin in 2019



Capital Program

KEY 2019 CAPITAL PROGRAM HIGHLIGHTS

Systemwide Projects

- Bridge, pavement and interchange improvements
- Toll collection and information technology improvements
- Maintenance facility upgrades and program support

Reagan Memorial Tollway (I-88)

- Complete bridge and ramp rehabilitation between Illinois Route 251 and Illinois Route 56
- ✓ Complete reconstruction and widening between York Road and I-290

Veterans Memorial Tollway (I-355)

Complete resurfacing from I-55 to Army Trail Road



Capital Program Summary

(\$ millions)	2018 Budget	2018 Estimated Expenditures	2019 Request	\$ Change from 2018 Estimate
Existing System Needs	\$798.1	\$922.4	945.2	\$22.8
Jane Addams Memorial Tollway (I-90)	24.4	36.7	12.6	(24.0)
Tri-State Tollway (I-94/I-294/I-80)	238.1	266.2	444.7	178.5
Veterans Memorial Tollway (I-355)	35.1	103.1	23.7	(79.4)
Reagan Memorial Tollway (I-88)	175.0	166.3	66.6	(99.7)
Systemwide Improvements	325.5	350.1	397.6	47.6
System Expansion	\$385.6	\$257.4	\$462.0	\$204.6
Tri-State (I-294)/I-57 Interchange	0.0	0.4	28.0	27.7
Elgin O'Hare Western Access Project	375.9	247.7	423.3	175.6
Other Emerging Projects	9.7	9.4	10.7	1.3
Capital Program Total	\$1,183.7	\$1,179.8	\$1,407.2	\$227.4
Totals may not add due to rounding.				



Totals may not add due to rounding.

Tentative 2019 Budget Summary

CONSISTENT WITH THE LONG-TERM FINANCIAL PLAN

- Eighth year of *Move Illinois* total 2019 Capital Program projected to be \$1.4 billion
 - 50 percent of the spending, or \$7 billion, will be spent on Move Illinois Program by 2019
- ✓ Revenue budget 3.8 percent over 2018 estimate
- ✓ Operating costs budget 3.6 percent over 2018 budget
- ✓ Debt service coverage projected at 2.5x in 2019







Presented by Mike Colsch on October 18, 2018

2019 Maintenance and Operations By Department

Department (\$ thousands)	2017 Actual Expenditures	2018 Budget	2019 Request	\$ Change from 2018 Budget	% Change from 2018 Budget
Business Systems	\$81,538	\$85,854	\$93,862	\$8,007	9.3%
Engineering	72,679	76,018	77,990	1,971	2.6%
Executive Office and Directors	1,667	2,283	2,465	182	8.0%
Information Technology	14,530	18,682	20,602	1,920	10.3%
Inspector General	720	954	1,156	202	21.2%
Internal Audit	679	924	948	24	2.6%
Legal	1,429	1,854	1,926	71	3.8%
Office of Enterprise Wide Operations	66,414	68,532	67,525	(1,007)	(1.5%)
Administration	3,998	4,081	4,229	148	3.6%
Communications	1,574	1,670	1,583	(86)	(5.2%)
Diversity and Strategic Development	2,592	5,846	5,766	(79)	(1.4%)
Toll Operations	58,249	56,936	55,946	(990)	(1.7%)
Office Of Finance	46,867	61,579	61,532	(47)	(0.1%)
Finance	41,630	56,684	56,685	2	0.0%
Procurement	5,238	4,895	4,847	(49)	(1.0%)
Planning	2,184	2,375	2,579	203	8.6%
State Police	30,692	33,694	34,790	1,097	3.3%
Authority Total Totals may not add due to rounding.	\$319,399	\$352,750	\$365,374	\$12,624	3.6%

Totals may not add due to rounding.



Move Illinois Program Summary

Existing System Needs					
Jane Addams Memorial Tollway (I-90)	\$150.2	\$24.4	\$36.8	\$12.6	(\$24.2)
Tri-State Tollway (I-94/I-294/I-80)	44.2	238.1	265.4	444.7	179.3
Veterans Memorial Tollway (I-355)	6.7	35.1	103.1	23.7	(79.4)
Reagan Memorial Tollway (I-88)	15.7	175.0	165.4	66.6	(98.8)
Systemwide Improvements	208.7	323.5	345.3	397.6	52.3
Existing System Needs Total	\$425.5	\$796.1	\$916.1	\$945.2	\$29.1
System Expansion					
Tri-State Tollway (I-294)/I-57 Interchange	\$0.9	\$0.0	\$0.4	\$28.0	\$27.7
Elgin O'Hare Western Access Project	318.2	375.9	247.7	423.3	175.6
Other Emerging Projects	2.5	9.7	9.4	10.7	1.3
System Expansion Total	\$321.5	\$385.6	\$257.4	\$462.0	\$204.6
Move Illinois Program Total	\$747.0	\$1,181.8	\$1,173.5	\$1,407.2	\$233.8

Debt Service Schedule

(\$millions) Fiscal Year	Principal	Interest	Total Debt Service
2018	124	300	424
2019	130	318	448
2020	138	321	458
2021	144	314	458
2022	151	306	458
2023	159	299	458
2024	168	290	458
2025	189	283	471
2026	241	275	516
2027	258	263	521
2028	269	252	521
2029	280	241	521
2030	292	229	521
2031	302	219	521
2032	318	203	521
2033	335	187	521
2034	354	167	521
2035	374	147	521
2036	393	128	521
2037	413	108	521
2038	426	88	513
2039	447	66	513
2040	322	44	366
2041	257	28	285
2042	148	15	163
2043	155	8	163

Note: Numbers may not add to totals due to rounding

NOTES:

- √ Includes existing debt service plus debt service on:
 (i) \$300 million of new money bonds expected to be sold by 2018 year end; and (ii) \$400 million of new money bonds assumed issued July 1, 2019.
- $\sqrt{}$ Debt service due January 1 of a given calendar year is included in the prior fiscal year, per the Trust Indenture.
- $\sqrt{}$ Debt service does not include liquidity or remarketing costs for Tollway variable rate bonds. Such costs are currently approximately \$5 million annually.
- √ Interest expense does not net out anticipated federal subsidies related to Build America Bonds, expected to total approximately \$15 million in each of 2018/2019.
- √ Interest expense on variable rate bonds is estimated at the synthetic fixed rates on such bonds, incorporating payments on associated interest rate hedge agreements (aka swaps).





THANK YOU

