

**NEW ISSUE – BOOK-ENTRY ONLY**

**RATINGS:** (See “RATINGS” herein)  
**Standard & Poor’s:** AAA  
**Moody’s:** Aa1  
**Fitch:** AA+

*In the opinion of Bond Counsel to the Department, (i) assuming compliance with certain covenants described herein, under existing statutes, regulations and decisions, interest on the Bonds will be excludable from gross income for federal income tax purposes, and (ii) under the Act, the Bonds, their transfer, the interest payable on them, and any income derived from them, including any profit realized in their sale or exchange, shall be exempt at all times from every kind and nature of taxation by the State of Maryland or by the political subdivisions, municipal corporations, or public agencies of any kind of the State of Maryland; provided, however, that no opinion is expressed as to estate or inheritance taxes or any other taxes not levied or assessed directly on the Bonds, their transfer or the income therefrom. Interest on the Bonds is not a specific preference item for purposes of the federal alternative minimum tax; provided, however, that interest on the Bonds may be included in a corporation’s “adjusted current earnings” in the calculation of a corporation’s alternative minimum taxable income for federal income tax purposes. See “TAX MATTERS.”*



**Department of Transportation of Maryland**  
**\$136,000,000**

**Consolidated Transportation Bonds, Series 2015 (Second Issue)**  
**and**  
**\$259,715,000**

**Consolidated Transportation Bonds, Refunding Series 2015**

**Dated:** Date of Delivery

**Due:** shown on inside cover

**Redemption** The \$136,000,000 Consolidated Transportation Bonds, Series 2015 (Second Issue) (the “Construction Bonds”) are subject to redemption prior to their stated maturities at the option of the Department of Transportation of Maryland (the “Department”), as described herein under “THE BONDS-Redemption”. The \$259,715,000 Consolidated Transportation Bonds, Refunding Series 2015 (the “Refunding Bonds”) are not subject to optional redemption.

**Security** The Construction Bonds and the Refunding Bonds (collectively, the “Bonds”) are obligations of the Department only, payable as to both principal and interest solely from the proceeds of certain taxes and, to the extent needed, other revenues credited to the Department. See “SECURITY”. **THE BONDS ARE NOT AND SHALL NOT BE DEEMED TO CONSTITUTE A PLEDGE OF THE FULL FAITH AND CREDIT OF THE STATE OF MARYLAND.**

**Purpose** Proceeds from the Construction Bonds will provide a portion of the capital funds needed for the Consolidated Transportation Program. Proceeds from the Refunding Bonds will advance refund certain maturities of outstanding Consolidated Transportation Bonds, see “PURPOSE OF THE BONDS”.

**Interest Payment Dates** Construction Bonds: June 1 and December 1, commencing December 1, 2015  
Refunding Bonds: August 15 and February 15, commencing February 15, 2016

**Denomination** \$5,000, or any integral multiple thereof

**Closing/Settlement** On or about June 18, 2015

**Bond Counsel** McKennon Shelton & Henn LLP

**Financial Advisors** Public Financial Management, Inc. and Strategic Solutions Center, LLC

**Paying Agent/Registrar** Department of Transportation of Maryland

**Book-Entry Only Form** The Depository Trust Company, see “THE BONDS — Book-Entry Only System”

**FOR MATURITY SCHEDULES SEE INSIDE COVER**

The Bonds are offered for delivery, when and if issued, subject to the approving opinion of McKennon Shelton & Henn LLP, Baltimore, Maryland, Bond Counsel. Certain legal matters will be passed upon for the Department by the Office of the Attorney General of the State of Maryland. It is expected that the Bonds in definitive form will be available for delivery through the facilities of The Depository Trust Company in New York, New York on or about June 18, 2015.

***This cover page contains certain information for quick reference only. It is not a summary of the Official Statement. Investors must read the entire Official Statement to obtain information essential to the making of an informed decision.***

## **\$136,000,000 Consolidated Transportation Bonds, Series 2015 (Second Issue)**

### **Maturities, Amounts, Interest Rates, Prices and CUSIP Numbers**

<u>Maturing June 1</u>	<u>Principal Amount</u>	<u>Interest Rate<sup>1</sup></u>	<u>Price<sup>1</sup></u>	<u>CUSIP<sup>2</sup></u>
2018	\$ 8,180,000	5.000%	111.176	574204ZS5
2019	8,505,000	5.000%	113.878	574204ZT3
2020	8,850,000	5.000%	116.126	574204ZU0
2021	9,200,000	5.000%	117.430	574204ZV8
2022	9,570,000	5.000%	119.095	574204ZW6
2023	9,950,000	5.000%	120.568	574204ZX4
2024	10,350,000	5.000%	119.921	* 574204ZY2
2025	10,765,000	5.000%	118.720	* 574204ZZ9
2026	11,195,000	3.000%	102.494	* 574204A29
2027	11,640,000	3.000%	101.059	* 574204A37
2028	12,110,000	4.000%	106.881	* 574204A45
2029	12,590,000	3.000%	98.500	574204A52
2030	13,095,000	3.125%	98.500	574204A60

## **\$259,715,000 Consolidated Transportation Bonds, Refunding Series 2015**

### **Maturities, Amounts, Interest Rates, Prices and CUSIP Numbers**

<u>Maturing February 15</u>	<u>Principal Amount</u>	<u>Interest Rate<sup>1</sup></u>	<u>Price<sup>1</sup></u>	<u>CUSIP<sup>2</sup></u>
2016	\$ 4,015,000	5.000%	103.074	574204ZJ5
2017	9,325,000	5.000%	107.076	574204ZK2
2018	17,665,000	5.000%	110.299	574204ZL0
2019	35,955,000	5.000%	113.098	574204ZM8
2020	42,490,000	5.000%	115.493	574204ZN6
2021	46,790,000	5.000%	117.080	574204ZP1
2022	38,965,000	5.000%	118.612	574204ZQ9
2023	64,510,000	5.000%	120.100	574204ZR7

<sup>1</sup> The interest rates and prices shown above were furnished by the successful bidder for the Bonds on June 3, 2015. All the information concerning the terms of reoffering of the Bonds should be obtained from the successful bidder and not from the Department. See "SALE AT COMPETITIVE BIDDING".

<sup>2</sup> CUSIP is a registered trademark of the American Bankers Association. CUSIP data herein are provided by CUSIP Global Services, which is managed by S&P Capital IQ, a division of McGraw Hill Financial, and the Department takes no responsibility for the accuracy thereof. These data are not intended to create a database and do not serve in any way as a substitute for CUSIP Global Services.

\* Priced to the June 1, 2023 optional redemption date at a redemption price of 100%.

No dealer, broker, salesman or any other person has been authorized by the Department to give any information or to make any representations, other than those contained in this Official Statement, and if given or made, such other information or representations must not be relied upon as having been authorized by the Department. This Official Statement does not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of the securities described herein by any person, in any jurisdiction in which it is unlawful for such person to make such offer, solicitation or sale. The information set forth herein has been provided by the Department and other sources. The Department believes that the information contained in this Official Statement is correct and complete and has no knowledge of any inaccuracy or incompleteness as to any of the information herein contained. The information and expressions of opinion herein are subject to change without notice and neither the delivery of this Official Statement nor any sale of the bonds shall, under any circumstances, create any implication that there has been no change in the affairs of the Department since the date hereof.

No quotations from or summaries or explanations of provisions of law and documents herein purport to be complete and reference is made to such laws and documents for full and complete statements of their provisions. This Official Statement is not to be construed as a contract or agreement between the Department and the purchasers or holders of any of the securities described herein. Any statements made in this Official Statement involving estimates or matters of opinion, whether or not expressly so stated, are intended merely as estimates or opinions and not as representations of fact. Such statements are subject to risks and uncertainties that could cause actual results to differ materially from those contemplated in such forward looking statements. Any forecast is subject to such uncertainties. Inevitably, some assumptions used to develop the forecasts will not be realized and unanticipated events and circumstances may occur. Therefore, there are likely to be differences between forecasts and actual results, and those differences may be material. Readers are cautioned not to place undue reliance on these forward looking statements, which speak only as of the date hereof.

The cover page hereof, the list of officials, this page and the appendices attached hereto are part of this Official Statement.

The order and placement of materials in this Official Statement, including the appendices, are not to be deemed a determination of relevance, materiality or importance, and this Official Statement, including the appendices, must be considered in its entirety. The captions and headings in this Official Statement are for convenience only and in no way define, limit or describe the scope or intent, or affect the meaning or construction, of any provisions or sections of this Official Statement. The offering of the Bonds is made only by means of this entire Official Statement.

**IN MAKING AN INVESTMENT DECISION INVESTORS MUST RELY ON THEIR OWN EXAMINATION OF THE DEPARTMENT AND THE TERMS OF THE OFFERING, INCLUDING THE MERITS AND RISKS INVOLVED. NO REGISTRATION STATEMENT RELATING TO THE BONDS HAS BEEN FILED WITH THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION OR WITH ANY STATE SECURITY AGENCY. THE BONDS HAVE NOT BEEN APPROVED OR DISAPPROVED BY THE SECURITIES AND EXCHANGE COMMISSION OR ANY STATE SECURITIES AGENCY NOR HAS THE SECURITIES AND EXCHANGE COMMISSION OR ANY STATE SECURITIES AGENCY PASSED UPON THE ACCURACY OR ADEQUACY OF THIS OFFICIAL STATEMENT. ANY REPRESENTATION TO THE CONTRARY MAY BE A CRIMINAL OFFENSE.**

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# **STATE OF MARYLAND**

Lawrence J. Hogan, Jr., Governor

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## **Department of Transportation of Maryland**

Pete K. Rahn, Secretary

James F. Ports, Jr., Deputy Secretary

Dennis R. Schrader, Deputy Secretary

Douglas H. Simmons, Acting State Highway Administrator

Milton Chaffee, Motor Vehicle Administrator

James J. White, Maryland Port Executive Director

Paul J. Wiedefeld, Maryland Aviation Executive Director/CEO

Paul Comfort, Maryland Transit Administrator

Denise R. Ferguson, Assistant Attorney General/Principal Counsel

David L. Fleming, Chief Financial Officer

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### **Approving Legal Opinion**

McKennon Shelton & Henn LLP  
Baltimore, Maryland  
Bond Counsel

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### **Financial Advisors**

Public Financial Management, Inc.  
Orlando, Florida

Strategic Solutions Center, LLC  
Landover, Maryland

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## SUMMARY STATEMENT

(Subject in all respects to more complete information in this  
Official Statement to which the reader is specifically referred)

**THE DEPARTMENT OF TRANSPORTATION OF MARYLAND** — The Department has responsibility for most transportation facilities and programs owned by the State of Maryland (the “State”), exclusive of toll facilities. This responsibility includes the planning, financing, construction, operation and maintenance of various transportation facilities, including highway, transit, port, aviation and motor vehicle administration facilities.

**CONSOLIDATED TRANSPORTATION PROGRAM** — The Department maintains a Consolidated Transportation Program (the “CTP”) to meet the transportation requirements of the State and continually reviews the CTP considering current and anticipated economic factors. The CTP is developed in accordance with the current projection of six-year financial resources and is within the framework of the Maryland Transportation Plan, the long-range State plan for transportation. The CTP is flexible and is adjusted to reflect revenue fluctuations so that available funds may be concentrated on the most important projects.

**THE TRANSPORTATION TRUST FUND** — The Transportation Trust Fund is credited with transportation-related receipts, including portions of motor vehicle fuel taxes, the State’s corporation income tax, the excise tax on motor vehicle titling, the sales and use tax on short-term vehicle rentals, registration fees for motor vehicles, and all bus and rail fares, port fees and airport revenues, together with bond and note proceeds, federal grants, and other receipts. Capital expenditures are financed from net revenues of the Department, federal grants and the proceeds of sales of Consolidated Transportation Bonds, certificates of participation, and conduit financings.

**PURPOSE OF THE BONDS** — The \$136,000,000 Consolidated Transportation Bonds, Series 2015 (Second Issue) (the “Construction Bonds”) are being issued for the purpose, after payment of issuance expenses, including underwriter’s fees, of providing a portion of the capital funds for certain projects in the CTP including highway projects and certain other transportation activities of the Department. The \$259,715,000 Consolidated Transportation Bonds, Refunding Series 2015 (the “Refunding Bonds”, and , together with the Construction Bonds, the “Bonds”) will be used to advance refund certain maturities of outstanding Consolidated Transportation Bonds.

**SECURITY** — Principal of and interest on the Bonds are payable from the proceeds of certain taxes levied by statute for that exclusive purpose before being available for other uses by the Department. If the tax proceeds pledged to the payment of principal of and interest on the Bonds become insufficient to meet debt service requirements, other receipts of the Department are available for that purpose.

The Department, in its discretion, is allowed to issue bonds without a debt service reserve component and to deposit in the statutory sinking fund only the amount as may be required to pay the principal of and interest on such bonds as and when due. Pursuant to that authority, the Department has determined to issue the Bonds without a debt service reserve component and to deposit in the statutory sinking fund for the Bonds only the amounts required from time to time to pay the principal of and interest on the Bonds as and when due.

The Bonds will be of equal priority with previously issued and outstanding Consolidated Transportation Bonds (the “Outstanding Bonds”) except as described herein, and any additional Consolidated Transportation Bonds hereafter issued (the “Additional Bonds”) as discussed below.

**CONTINUING DISCLOSURE** — The Department will provide annual financial and other information, including notice of certain events, in order to assist the successful bidder in complying with United States Securities and Exchange Commission Rule 15c2-12(b)5 (“Rule 15c2-12”). See “FORM OF CONTINUING DISCLOSURE AGREEMENT” in Appendix D. Upon request, appropriate periodic credit information will be provided to the rating agencies maintaining ratings on the Bonds.

The Department believes that during the last five years it has complied with its obligations under its existing Continuing Disclosure Agreements executed pursuant to Rule 15c2-12.

**ESTIMATED DEBT SERVICE COVERAGE** — Maximum annual principal and interest requirements on the Bonds and the Outstanding Bonds after issuance of the Bonds total \$292,327,069 in the fiscal year ending June 30, 2018. Net receipts under the first test described herein under “ADDITIONAL BONDS” for the fiscal year ended June 30, 2014 would be 2.96 times maximum principal and interest requirements on such debt. Total proceeds from pledged taxes under the second test described herein under “ADDITIONAL BONDS” for the fiscal year ended June 30, 2014, would be 5.44 times maximum annual principal and interest requirements on such debt.

**ADDITIONAL BONDS** — In accordance with certain provisions of the Act (as defined in the “INTRODUCTION” on Page 1) the aggregate principal amount of Consolidated Transportation Bonds that may be outstanding is \$4,500,000,000. In addition, the Act provides that the General Assembly shall establish in the budget for any fiscal year the maximum outstanding aggregate amount of these bonds as of June 30 of the respective fiscal year that does not exceed \$4,500,000,000. As established in the budget for fiscal year 2015, the maximum aggregate principal amount of Consolidated Transportation Bonds that may be outstanding as of June 30, 2015 is \$2,530,255,000. Consolidated Transportation Bonds in the principal amount of \$2,020,250,000 will be outstanding upon issuance of the Bonds. No additional serial maturities on outstanding Consolidated Transportation Bonds are due during the remainder of fiscal year 2015, therefore, Consolidated Transportation Bonds outstanding as of June 30, 2015 will be \$2,020,250,000, assuming no Additional Bonds (defined herein) are issued in fiscal year 2015. Under the terms of the resolution authorizing the issuance of the Bonds, Additional Bonds of equal priority with the Bonds and any Outstanding Bonds, with the exception as described herein under “SECURITY”, may be issued provided, among other conditions, that (i) total receipts (excluding federal grants for capital projects, bond and note proceeds, and other receipts not available for debt service) less administration, operation and maintenance expenses for the preceding fiscal year shall equal at least two times maximum annual debt service on all Consolidated Transportation Bonds outstanding and to be issued and that (ii) total proceeds from pledged taxes for the preceding fiscal year shall equal at least two times maximum annual debt service on all Consolidated Transportation Bonds outstanding and to be issued.

**CONTINGENT SUBORDINATE INDEBTEDNESS** — As discussed further herein, when the Department or the Maryland Transportation Authority (the “Authority”) makes a pledge of or uses existing or anticipated federal funds for the payment of special transportation project revenue bonds or Authority bonds, respectively, and such future federal aid is insufficient to pay the principal of and interest on such bonds, the taxes levied under the Act (defined herein) and irrevocably pledged to the principal of and interest on the Bonds are irrevocably pledged to the payment of the principal of and interest on such special transportation project revenue bonds or such bonds of the Authority; provided, however, that the statutory lien and pledge created for the benefit of such special transportation project revenue bonds or such bonds of the Authority shall at all times be subordinate to the pledge and lien for the Bonds and for other Consolidated Transportation Bonds. The Authority has issued such subordinated bonds. See “THE TRANSPORTATION TRUST FUND — Maryland Transportation Authority Debt Secured by Federal Aid” for additional details.



**OFFICIAL STATEMENT**  
of the  
**DEPARTMENT OF TRANSPORTATION OF MARYLAND**  
relating to  
**\$136,000,000 Consolidated Transportation Bonds, Series 2015 (Second Issue)**  
and  
**\$259,715,000 Consolidated Transportation Bonds, Refunding Series 2015**

**INTRODUCTION**

This Official Statement, including the cover page and Appendices attached hereto, sets forth information concerning the State of Maryland (the “State”), the Department of Transportation of Maryland (the “Department”), the Department’s \$136,000,000 Consolidated Transportation Bonds, Series 2015 (Second Issue) (the “Construction Bonds”), the Department’s \$259,715,000 Consolidated Transportation Bonds, Refunding Series 2015 (the “Refunding Bonds”, and together with the Construction Bonds, the “Bonds”) and the Department’s other Consolidated Transportation Bonds. The Bonds are obligations of the Department authorized to be issued by Sections 3-101 to 3-217, inclusive, of the Transportation Article of the Annotated Code of Maryland (2015 Replacement Volume as amended and supplemented from time to time) (the “Act”), by resolutions of the Board of Public Works of Maryland (the “Board of Public Works”) adopted on April 15, 2015, and by a resolution of the Secretary of Transportation dated as of May 5, 2015 (the “Resolution”).

**THE BONDS**

**General**

The Bonds are dated as of the date of their delivery, expected to occur on or about June 18, 2015 and will mature on the dates and in the principal amounts and will be paid at the rate or rates as shown on the inside cover of this Official Statement. (Interest is computed on the basis of a 360 day year composed of twelve 30-day months.)

The Construction Bonds, in the aggregate principal amount of \$136,000,000, shall accrue interest from the date of issuance and delivery and will be payable commencing on December 1, 2015 and semiannually thereafter on June 1 and December 1 of each year (the “Construction Bond Interest Payment Dates”) until maturity unless redeemed prior to maturity as provided herein under “Redemption Provisions”. The Refunding Bonds, in the aggregate principal amount of \$259,715,000, shall accrue interest from the date of issuance and delivery and will be payable commencing on February 15, 2016 and semiannually thereafter on August 15 and February 15 of each year (the “Refunding Bond Interest Payment Dates” and, together with the Construction Bond Interest Payment Dates, the “Interest Payment Dates”) until maturity.

If an Interest Payment Date is not a Business Day (herein defined), then the interest will be paid on the next succeeding Business Day to the owner in whose name the Bonds are registered at the close of business on the 15<sup>th</sup> day of the month immediately preceding the Construction Interest Payment Date and the first day of the month of the applicable Refunding Bond Interest Payment Date. “Business Day” means a day other than a Saturday, Sunday or day on which banking institutions are authorized or obligated by law or required by executive order to remain closed. The principal of the Bonds will be payable upon presentation and surrender of the Bonds at the principal office of the Paying Agent or at the principal office of any other Registrar/Paying Agent designated by the Secretary, on the date the principal is payable or, if that date is not a Business Day, on the next succeeding Business Day. So long as the Bonds are maintained in book-entry form, interest on the Bonds will be paid by electronic funds transfer on the Interest Payment date.

The Bonds will be issued in fully registered form in the denominations of \$5,000 each, or any integral multiple thereof. The Bonds will initially be maintained under a book-entry system. Individual purchasers (“Beneficial

Owners”) shall have no right to receive physical possession of the Bonds, and any payment of the principal or redemption price of, and interest on the Bonds will be made as described in Appendix E — “BOOK-ENTRY ONLY SYSTEM-GENERAL”. So long as the Bonds are maintained under a book-entry only system, the Department will initially serve as the Bond Registrar and Paying Agent (the “Registrar/Paying Agent”).

The Bonds will be registered initially in the name of Cede & Co., as nominee of The Depository Trust Company, New York, New York (“DTC”), to which principal and interest payments on the Bonds will be made so long as Cede & Co. is the registered owner of the Bonds. Beneficial Owners of the Bonds will not have physical possession of bond certificates and their interest in the Bonds will be made through DTC.

#### Use of Proceeds

**Construction Bonds.** The Department is issuing the Construction Bonds for the purpose, after payment of issuance expenses, including underwriter’s fees, of providing a portion of the capital funds needed for the Consolidated Transportation Program (the “CTP”) developed by the Department to provide comprehensive planning and coordinated implementation for the highway, transit, port and aviation activities of the State. See “CONSOLIDATED TRANSPORTATION PROGRAM” and “TRANSPORTATION FACILITIES AND PROGRAMS” for additional information.

**Refunding Bonds.** The Department is issuing the Refunding Bonds to provide funds sufficient, together with other available moneys, and interest earnings thereon, to refund in advance of their maturities certain bonds previously issued to finance certain transportation projects in order to realize savings on debt service costs. The bonds to be refunded in advance of their maturities (the “Refunded Bonds”) consist of the following:

Issue	Maturity	Par Amount	Call Date	Call Price	CUSIP #
Series 2006	2/15/2017	8,000,000.00	2/15/2016	100.00	574204SS3
Series 2006	2/15/2018	10,000,000.00	2/15/2016	100.00	574204ST1
Series 2006	2/15/2019	11,000,000.00	2/15/2016	100.00	574204SU8
Series 2006	2/15/2020	12,000,000.00	2/15/2016	100.00	574204SV6
Series 2006	2/15/2021	13,000,000.00	2/15/2016	100.00	574204SW4
Series 2007	3/1/2018	8,000,000.00	3/1/2017	100.00	574204TF0
Series 2007	3/1/2019	10,000,000.00	3/1/2017	100.00	574204TG8
Series 2007	3/1/2020	11,000,000.00	3/1/2017	100.00	574204TH6
Series 2007	3/1/2021	12,000,000.00	3/1/2017	100.00	574204TJ2
Series 2007	3/1/2022	13,000,000.00	3/1/2017	100.00	574204TK9
Series 2008	2/15/2019	18,000,000.00	2/15/2018	100.00	574204TU7
Series 2008	2/15/2020	22,500,000.00	2/15/2018	100.00	574204TV5
Series 2008	2/15/2021	24,750,000.00	2/15/2018	100.00	574204TW3
Series 2008	2/15/2022	27,000,000.00	2/15/2018	100.00	574204TX1
Series 2008	2/15/2023	31,005,000.00	2/15/2018	100.00	574204TY9
Series 2008 2nd	9/1/2022	33,600,000.00	9/1/2018	100.00	574204UY7
Series 2008 2nd	9/1/2023	36,400,000.00	9/1/2018	100.00	574204UZ4

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**Estimated Sources and Uses of Funds**

***Construction Bonds***

**Sources:**

Par Amount .....	\$ 136,000,000.00
Net Original Issue Premium .....	<u>13,926,655.70</u>
<b>Total Sources .....</b>	<b><u>\$ 149,926,655.70</u></b>

**Uses:**

Deposit to the Transportation Trust Fund .....	\$ 149,205,227.70
Costs of Issuance* .....	125,000.00
Underwriter’s Discount .....	<u>596,428.00</u>
<b>Total Uses .....</b>	<b><u>\$ 149,926,655.70</u></b>

***Refunding Bonds***

**Sources:**

Par Amount .....	\$ 259,715,000.00
Net Original Issue Premium .....	42,105,345.85
Cash Deposit .....	<u>30,000,000.00</u>
<b>Total Sources .....</b>	<b><u>\$ 331,820,345.85</u></b>

**Uses:**

Securities Purchase .....	\$ 326,546,097.91
Cash Deposit .....	4,866,167.10
Costs of Issuance* .....	265,237.59
Underwriter’s Discount .....	<u>142,843.25</u>
<b>Total Uses .....</b>	<b><u>\$ 331,820,345.85</u></b>

\*Estimated. Includes fees for legal, rating agency, financial advisory services and other miscellaneous expenses.

**Deposit to Escrow Deposit Fund**

On the day of delivery of the Refunding Bonds, a portion of the Refunding Bond proceeds will be applied to the purchase of debt obligations of, or obligations for which the timely payment of principal and interest is unconditionally guaranteed by, the United States of America (the “Federal Securities”), which will be held by Zions First National Bank (the “Escrow Agent”) in the Escrow Deposit Fund established under the Escrow Deposit Agreement dated as of the date of issuance and delivery of the Refunding Bonds (the “Escrow Deposit Agreement”), by and between the Department and the Escrow Agent. The Federal Securities on deposit in the Escrow Deposit Fund will mature at stated fixed amounts as to principal and interest at such times as will be sufficient, together with other available moneys, to pay interest when due on the Refunded Bonds and to redeem the principal amount of the Refunded Bonds on the respective call date set forth above. The Federal Securities will be pledged only to the payment of the Refunded Bonds and are not available for the payment of principal of, premium, if any, or interest on the Refunding Bonds.

**Verification of Mathematical Computations**

Prior to the delivery of the Bonds, Integrity Public Finance Consulting LLC will deliver to the Department a verification report (the “Verification Report”) indicating that Integrity Public Finance Consulting LLC has verified, in accordance with standards established by the American Institute of Certified Public Accountants, the arithmetic accuracy of the schedules prepared by the Department’s Financial Advisor with respect to (a) the mathematical computations of the adequacy of the cash and the maturing principal amounts of the obligations held in the Escrow Deposit Fund for the payment of principal of, premium, if any, and interest on the Refunded Bonds and (b) the mathematical computations required by Bond Counsel to support its conclusion that the interest on the Bonds is exempt from federal taxation. The terms and conditions of the Integrity Public Finance Consulting LLC engagement are such that it has no obligation to update its report because of events occurring or data or information coming to their attention subsequent to the date of such report.

## **Redemption Provisions**

The Construction Bonds maturing on or after June 1, 2024 are subject to redemption on or after June 1, 2023 as a whole or in part at the option of the Secretary, on behalf of the Department, on at least 20 days prior notice and, if in part, in any order of maturity at the option of the Secretary, at the redemption price of par (100%), plus accrued interest thereon, if any, to the date fixed for redemption.

The Refunding Bonds are not subject to redemption prior to their stated maturities.

## **RATINGS**

Standard & Poor's Ratings Services, a division of McGraw Hill Financial, Moody's Investors Service, Inc., and Fitch Ratings have given the Bonds ratings of AAA, Aa1 and AA+, respectively. An explanation of the significance of each rating may be obtained from the rating agency furnishing it. The Department furnished to such rating agencies certain materials and information about the Bonds and the Department. Generally, rating agencies base their ratings on such materials and information, as well as their own investigations, studies and assumptions. It should be noted that the ratings may be changed at any time and that no assurance can be given that they will not be revised downward, suspended or withdrawn by any or all rating agencies, if in the judgment of any or all, circumstances should warrant such actions. Any downward revision, suspension or withdrawal of any of the ratings could have an adverse effect on the market prices for the Bonds.

## **SALE AT COMPETITIVE BIDDING**

The Bonds were offered by the Department at a competitive sale on June 3, 2015. The interest rates shown on the inside front cover of this Official Statement are the interest rates that resulted from the award of the Bonds at the competitive sale. The initial prices or yields shown on the inside front cover of this Official Statement are based on information supplied to the Department by Morgan Stanley & Co. LLC, the successful bidder for the Construction Bonds, and Bank of America Merrill Lynch, the successful bidder for the Refunding Bonds. Other information concerning the terms of the reoffering of the Bonds, if any, should be obtained from the successful bidders and not from the Department.

Morgan Stanley, parent company of Morgan Stanley & Co. LLC., an underwriter of the Construction Bonds, has entered into a retail distribution arrangement with Morgan Stanley Smith Barney LLC. As part of the distribution arrangement, Morgan Stanley & Co. LLC may distribute municipal securities to retail investors through the financial advisor network of Morgan Stanley Smith Barney LLC. As part of this arrangement, Morgan Stanley & Co. LLC may compensate Morgan Stanley Smith Barney LLC for its selling efforts with respect to the Bonds.

## **SECURITY**

The principal of and interest on the Bonds are payable from the proceeds of certain taxes that are levied by statute and irrevocably pledged to that exclusive purpose before being available for other uses. As provided in the Act, as amended by legislation enacted by the General Assembly at its 2013 session (Chapter 429, Laws of Maryland, 2013) ("Chapter 429"), the taxes so pledged beginning July 1, 2013 are: (i) the motor fuel tax revenue at the Base Tax Rate (as described under "THE TRANSPORTATION TRUST FUND — Taxes and Fees"), less 2.3% which is distributable to the Chesapeake Bay 2010 Trust Fund, less .5% which is distributable to the Waterway Improvement Fund, and less 9.6% of the remainder which is distributable to the political subdivisions of the State; (ii) the motor fuel tax revenue derived from increases in the tax rate above the Base Tax Rate based on annual changes in the Consumer Price Index; (iii) the motor fuel tax revenue attributable to the sales and use tax equivalent rate based upon the product of the average annual retail price, less state and federal taxes, and specified percentage rates; (iv) a portion of the revenues from the collection of the corporation income tax, less 9.6% which is distributable to the political subdivisions of the State (see discussion on Chapter 397 revisions herein); (v) 90.4% of 2/3 of the excise tax on the fair market value of motor vehicles, excluding trade in allowance, for which title certificates are issued, plus 100% of 1/3 of such excise tax (with the remaining 9.6% of 2/3 of such tax distributable

to the political subdivisions of the State); and (vi) 90.4% of 4/5 of the 45% of the revenues from the collection of the sales and use tax on short-term vehicle rentals, plus 100% of 1/5 of the 45% of these sales and use tax revenues (with the remaining 9.6% of 4/5 of 45% of such tax revenues distributable to the political subdivisions of the State).<sup>1</sup> See “THE TRANSPORTATION TRUST FUND – Taxes and Fees” for a more detailed description of pledged taxes.

In addition, other receipts of the Department (excluding federal grants for capital projects, bond and note proceeds, or other receipts not available for debt service) are available to meet debt service if the pledged tax proceeds should become insufficient. See “THE TRANSPORTATION TRUST FUND — Taxes and Fees” for additional detail.

Chapter 397, Laws of Maryland 2011 enacted in the 2011 legislative session of the General Assembly (“Chapter 397”) reduced the percentage of the State’s corporation income tax pledged to the payment of debt service on Consolidated Transportation Bonds. Prior to July 1, 2012, the percentage of such tax pledged was 24%, after required distributions to the General Fund. Under Chapter 397, beginning July 1, 2012, the percentage of such tax pledged was reduced to 9.5%, less the distribution to the political subdivisions of the State.<sup>2</sup> For fiscal years 2014 through 2016 (i.e. from July 1, 2013 through June 30, 2016) the percentage of the corporation income tax that is pledged will be 19.5%, less the distribution to the political subdivisions of the State. For fiscal years 2017 and beyond, beginning July 1, 2016, the percentage of corporation income tax that is pledged will be 17.2%, less the distribution to the political subdivisions of the State.

In addition, Chapter 397 eliminated the percentage distribution of the pledged revenues to the General Fund under prior law and reduced the percentage of distributions to political subdivisions of the State from 10% in fiscal year 2013 to 9.6% in fiscal year 2014.

Chapter 397 also provided that, beginning July 1, 2012, except for distributions to the political subdivisions, funds could not be transferred from the Transportation Trust Fund to the General Fund unless legislation was first enacted to provide for the repayment of the funds within five years of the transfer. Chapter 429 broadens this protection to include any transfers to a special fund or the General Fund and establishes a specific five year repayment schedule for the funds, in lieu of the prior legislation requirement in Chapter 397. Chapter 429 provides additional Transportation Trust Fund protections by requiring in general that transfers from such fund to the General Fund or special fund be approved by a three-fifth majority of specified full standing committees of both houses of the General Assembly. In the 2013 session, the General Assembly enacted Chapter 422, Laws of Maryland 2013 (“Chapter 422”), proposing an amendment to the Maryland Constitution to further restrict use of funds in the Transportation Trust Fund to debt service on bonds and any lawful purpose related to the State’s transportation system unless the Governor declares a fiscal emergency exists and the General Assembly concurs, by 3/5 of all elected members, with the use of funds. Chapter 422 was adopted by a statewide referendum vote on the State ballot in November 2014.

The tax proceeds and other revenues credited to the Transportation Trust Fund (except for passenger facility charge revenues, certain Maryland Aviation Administration parking garage revenues and certain rental car customer facility charge revenues) that are pledged to or otherwise available for debt service on Consolidated Transportation Bonds are further described under the heading “THE TRANSPORTATION TRUST FUND”.

By the terms of the Act, the part of the taxes that are retained to the credit of the Department after distributions to the political subdivisions of the State and that are pledged to the payment of debt service on the Bonds may not be repealed, diminished or applied to any other purpose until the Bonds and the interest on them have been fully paid or adequate and complete provision for such payment has been made, but there is no obligation or undertaking required to increase the rate of the pledged taxes, or other receipts of the Department available for the payment of debt service, should the proceeds become insufficient for that purpose in the future.

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<sup>1</sup> Under previous law, effective July 1, 2008 through June 30, 2013 (i) 45% of the sales and use tax revenues on short-term vehicle rentals (after certain required distributions) and (ii) 5.3% of the remaining sales and use tax revenues after certain required distributions were pledged to the payment of debt service on Consolidated Transportation Bonds. However, pursuant to Chapter 397, the 5.3% of the remaining sales and use tax revenues (described in (ii) above) are not pledged to the payment of debt service on the Bonds or any other Consolidated Transportation Bonds issued after July 1, 2011, but remain pledged to the payment of debt service on Consolidated Transportation Bonds issued prior to July 1, 2011.

<sup>2</sup> Pursuant to Chapter 397, 24% of the corporation income tax, after required distributions, will continue to be pledged to the payment of debt service on Consolidated Transportation Bonds issued prior to July 1, 2011.

**FROM TIME TO TIME, THERE ARE LEGISLATIVE PROPOSALS IN THE GENERAL ASSEMBLY THAT, IF ENACTED, COULD ALTER THE DEPARTMENT’S SHARE OF THE TAXES.**

The Department or the Maryland Transportation Authority (the “Authority”) may pledge or use existing and anticipated federal funds for the payment of special transportation project revenue bonds or Authority bonds, respectively. The Authority has issued such bonds. See “THE TRANSPORTATION TRUST FUND — Maryland Transportation Authority Debt Secured by Federal Aid” for additional detail. If future federal aid is insufficient to pay the principal of and interest on such special transportation project revenue bonds or such Authority bonds, the taxes levied under the Act will be irrevocably pledged to the payment of the principal and interest on debt secured by federal aid as it becomes due and payable, provided that the statutory lien and pledge created for the benefit of such special transportation project revenue bonds or such Authority bonds shall at all times be subordinate to the pledge and lien for the Bonds and for other Consolidated Transportation Bonds.

The Bonds are obligations of the Department only and, according to the provisions of the Act, are not and shall not be deemed to constitute a debt or pledge of the faith and credit of the State of Maryland. In *Secretary v. Mancuso* 278 Md. 81, 359 A.2d 79 (1976), the Court of Appeals of Maryland held that Consolidated Transportation Bonds are subject to the following limitations of Section 34 of Article III of the Maryland Constitution:

“No debt shall be hereafter contracted by the General Assembly unless such debt shall be authorized by a law providing for the collection of an annual tax or taxes sufficient to pay the interest on such debt as it falls due, and also to discharge the principal thereof within fifteen years from the time of contracting the same; and the taxes laid for this purpose shall not be repealed or applied to any other object until the said debt and interest thereon shall be fully discharged.”

The Bonds will be of equal priority with previously issued and outstanding Consolidated Transportation Bonds (the “Outstanding Bonds”) and any additional Consolidated Transportation Bonds hereafter issued (the “Additional Bonds”), with the exception as described above in footnotes 1 and 2 under “SECURITY” and below in “ADDITIONAL BONDS”, as to the pledge of tax proceeds and other revenues of the Department for payment of debt service.

In accordance with the Act, the Department has determined to issue the Bonds without a debt service reserve component and to deposit in the statutory sinking fund for the Bonds only the amounts required to pay the principal of and interest on the Bonds as and when due.

### **ADDITIONAL BONDS**

In the Resolution, the Department has provided that Additional Bonds may be issued from time to time at the direction of the Secretary. Such Additional Bonds shall be equally and ratably secured by the revenues pledged to the payment of Consolidated Transportation Bonds then outstanding, including the Bonds except that certain series of Consolidated Transportation Bonds issued prior to July 1, 2011 shall be equally and ratably secured by additional revenues pledged to their repayment which are not pledged to the Bonds and other series of bonds issued after July 1, 2011, and provided further that Additional Bonds may be issued only if (1) the total receipts of the Department (excluding federal grants for capital projects, bond and note proceeds, and other receipts not available for debt service), adjusted to reflect the pro forma effect of any tax changes, less administration, operation and maintenance expenses for the past fiscal year, are equal to at least two times maximum debt service for the current or any future fiscal year on all Outstanding Bonds and the Additional Bonds to be issued, and (2) total proceeds from taxes pledged to debt service, adjusted to reflect the pro forma effect of any tax changes, for the past fiscal year are equal to at least two times such maximum debt service. See “THE TRANSPORTATION TRUST FUND — Consolidated Transportation Bonds” for ratios using the Department’s June 30, 2014 revenue.

## THE DEPARTMENT

The Department was created as a principal department of the State government in 1971. The head of the Department is the Secretary of Transportation (the “Secretary”) who is appointed by the Governor with the advice and consent of the Senate.

The Department has the responsibility for most State-owned transportation facilities and programs, exclusive of toll facilities. This responsibility includes the planning, financing, construction, operation and maintenance of various modes of transportation and carrying out various related licensing and administrative functions. The statutorily created transportation agencies, which are encompassed by the Department, are the Maryland Aviation Administration (the “MAA”), the Maryland Port Administration (the “MPA”), the Maryland Transit Administration (the “MTA”), the Motor Vehicle Administration (the “MVA”), and the State Highway Administration (the “SHA” and together with the MAA, the MPA, the MTA and the MVA, the “Administrations”).

The Secretary is empowered, on behalf of the Department, to exercise or perform any power or duty that any of the Administrations may exercise or perform. These powers and duties involve, among others, the operation of the Baltimore/Washington International Thurgood Marshall Airport (“BWI Marshall Airport”), including the power to set landing fees and to rent space to airlines and concessionaires; the operation of various State-owned buildings and marine terminals in the Port of Baltimore, including the power to fix and collect rental and other fees for the use of these facilities; the construction and maintenance of the State’s highway system; the operation of all mass transit facilities in the Baltimore Metropolitan Transit District, including the operation of the bus and rail systems in this district, and the power to fix and collect the fares for these systems; the operation of the MARC (defined herein) commuter rail system by contract with Amtrak and CSX railroad companies, including the power to fix and collect the fares for this system; the licensing and registration of all motor vehicles and motor vehicle operations in the State; and the power to acquire any property by purchase or condemnation that is necessary to exercise or perform these powers and duties.

Certain transportation facilities, which are not part of the Department, are operated as toll facilities by the Authority. Although the Authority acts on behalf of the Department, none of the tolls and other revenues received from these facilities are initially credited to the Transportation Trust Fund (see “THE TRANSPORTATION TRUST FUND — Transfers from the Maryland Transportation Authority”). These facilities include the Chesapeake Bay Bridges, the Fort McHenry Tunnel, the Baltimore Harbor Tunnel, the Francis Scott Key Bridge, the John F. Kennedy Memorial Highway (including the I-95 Express Toll Lanes), the Potomac River Bridge, the Susquehanna River Bridge, and the Intercounty Connector (“ICC”). The Authority also developed an intermodal container transfer rail yard which is managed by the MPA. See “TRANSPORTATION FACILITIES AND PROGRAMS” for further description of the project. The Authority consists of eight members, who are appointed by the Governor, and the Secretary, who is the *ex officio* Chairman of the Authority.

## CONSOLIDATED TRANSPORTATION PROGRAM

The Department annually prepares a State Report on Transportation, consisting of the Maryland Transportation Plan (the “MTP”) and the Consolidated Transportation Program (“CTP”). The MTP is a 20-year vision for transportation in the State and identifies the objectives of the Department and its Administrations, discusses accomplishments, current activities and future plans, and highlights issues that require attention. The Department updates the MTP every five years. The CTP is developed within the framework of and is consistent with the MTP. As revenue estimates are revised during the year, the Department adjusts the capital program as necessary.

The CTP is updated annually by the Department and is submitted to the General Assembly on the third Wednesday of January of each year. View the entire CTP at [www.mdot.maryland.gov](http://www.mdot.maryland.gov). The CTP contains estimates of expenditures for operating, constructing and improving transportation facilities during the current year, budget request year and the succeeding four-year period. Each year the CTP is developed in accordance with the current projection of six-year financial resources. Appropriations for the first fiscal year of each CTP are made by the General Assembly at its immediately preceding regular session as part of its review and approval of the State Budget. See “STATE GOVERNMENT – Budget” for a discussion of the State’s and the Department’s budgetary practices.

Financial forecasts used in the CTP are based on currently available estimates of the Department's revenues; administrative, operating and maintenance expenditures; capital expenditures by the Department and its major grant recipients; and receipts of related federal funding. Twelve-month forecasts of all cash receipts and expenditures of the Department are updated quarterly, while six-year forecasts are updated semiannually.

## **TRANSPORTATION FACILITIES AND PROGRAMS**

A summary of the fiscal years 2015 - 2020 CTP is presented below (in millions):

<b><u>Expenditures</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>	<b><u>2019</u></b>	<b><u>2020</u></b>	<b><u>TOTAL</u></b>
State Highway Administration	\$ 1,229.7	\$ 1,396.2	\$ 1,316.6	\$ 1,164.2	\$ 1,121.0	\$ 961.2	\$ 7,188.9
Washington Metro Area Transit	281.5	238.2	246.2	262.0	271.5	279.6	1,579.1
Maryland Transit Administration	581.1	773.1	1,129.5	1,034.9	801.6	726.9	5,047.2
Maryland Port Administration	97.3	159.5	277.2	146.0	176.8	114.5	971.3
Maryland Aviation Administration	219.1	215.0	110.6	36.6	35.6	34.2	651.1
Motor Vehicle Administration	33.4	27.2	17.8	15.3	15.5	16.0	125.2
The Secretary's Office	82.9	88.1	61.3	16.8	16.6	15.0	280.7
<b>Total</b>	<b>\$ 2,524.9</b>	<b>\$ 2,897.4</b>	<b>\$ 3,159.1</b>	<b>\$ 2,675.9</b>	<b>\$ 2,438.5</b>	<b>\$ 2,147.5</b>	<b>\$ 15,843.3</b>

<b><u>Sources</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>	<b><u>2019</u></b>	<b><u>2020</u></b>	<b><u>TOTAL</u></b>
Special Funds	\$ 975.4	\$ 854.2	\$ 1,059.0	\$ 1,048.9	\$ 1,048.1	\$ 957.7	\$ 5,943.3
Federal Funds	816.9	928.0	973.9	878.2	703.2	664.3	4,964.5
Bonds	490.0	875.0	850.0	545.0	465.0	365.0	3,590.0
Other <sup>1</sup>	242.5	240.2	276.3	203.8	222.2	160.5	1,345.5
<b>Total</b>	<b>\$ 2,524.9</b>	<b>\$ 2,897.4</b>	<b>\$ 3,159.1</b>	<b>\$ 2,675.9</b>	<b>\$ 2,438.5</b>	<b>\$ 2,147.5</b>	<b>\$ 15,843.3</b>

Note: Totals may not add due to rounding

<sup>1</sup> Funds not received through the Trust Fund which include PFCs (herein defined), county participation funds, and federal funds received by WMATA (herein defined) directly.

### **State Highway Administration**

The State highway system, totaling 5,155 miles, or 17,062 lane miles, of roadway and more than 2,576 bridges, consists of the interstate, primary and secondary highway systems excluding Authority and locally owned facilities. The interstate and primary highway systems serve the major interstate and intrastate travel flows. The secondary highway system provides a network of routes for local travel.

The SHA is responsible for project development, construction and maintenance of the State Highway System. The State is divided into seven engineering districts, with each district responsible for its own routine physical maintenance, traffic services and construction supervision. Specialized activities are assigned to statewide operating divisions and sections.

The majority of federal funding for highway construction is apportioned to the states based upon formulas in federal law. Within the limits of those apportionments, projects are generally eligible for 80% federal participation, except for interstate maintenance, which is eligible for 90% federal participation. See "THE TRANSPORTATION TRUST FUND: Federal Aid and Federal Highway Trust Fund Fiscal Cliff" for further information on federal aid to the Department.

The allocation of funds to the SHA's highway capital program (excluding highway maintenance costs, which are accounted for as operating expenditures) is \$7,188,889,000 for the CTP period. The CTP anticipates that \$2,743,248,000 will be provided by federal grants and \$4,445,641,000 will be provided from other resources of the Department.



## **Maryland Transit Administration**

The mission of the MTA is to provide a State-wide system of safe, efficient, and appealing transportation services that responds to the needs of residents, visitors, employees, and transit partners in an environment that promotes innovation, accountability, accessibility, and respect. To achieve this, the MTA operates local and commuter buses, light rail, subway, Maryland Area Regional Commuter (“MARC”) train service, and a comprehensive Mobility/Paratransit system. The combined ridership for these services in fiscal year 2014 was nearly 114 million. Additionally, MTA directs funding and statewide assistance to locally operated transit systems in each of Maryland’s 23 counties, Baltimore City, Annapolis and Ocean City.

Capital allocations for the MTA in the CTP total \$5,047,151,000, of which \$2,048,304,000 is expected from federal grants, \$2,543,618,000 from other resources of the Department and \$455,229,000 from non-federal, non-Departmental sources.

### *Public Bus and Rail Transit Service in the Baltimore and Washington Areas*

*Bus Service* - At present, MTA provides bus services with 779 MTA-owned fixed route buses (of which 45 are contingency/back up) for service in the Baltimore region. MTA contracts with private operators to provide service from Anne Arundel, Calvert, Charles, Howard, Queen Anne’s and St. Mary’s Counties to Washington, D.C., and from Frederick and Washington Counties to Montgomery County. Additional contract service is provided from Baltimore, Harford and Howard Counties to Baltimore City. The MTA also contracts service on the ICC corridor, serving Frederick, Montgomery, Prince George’s and Anne Arundel Counties. These services collectively comprise the “Commuter Bus Program.” The Commuter Bus Program is run with 64 MTA-owned and approximately 205 contractor-provided over-the-road style coaches. The combined ridership for the Baltimore region and commuter bus services in fiscal year 2014 exceeded 79.7 million. The CTP provides for core bus system improvements in the Baltimore area totaling \$385,789,000 including the annual purchase of replacement buses, information technology upgrades, communication equipment and other bus-related improvements and equipment. The federal government is expected to contribute \$182,861,000 and the Department is expected to provide the remaining \$202,928,000 for these improvements.

*Student Service* - Baltimore City Public School students also use the MTA’s services. The MTA is reimbursed for such student usage pursuant to an agreement with the Baltimore City Public Schools.

*Baltimore Central Light Rail Line* - The MTA operates a 29.5-mile light rail line which provides transit service from Hunt Valley north of Baltimore City, through the City to Cromwell Station south of the City, with spurs to Penn Station in Baltimore and BWI Marshall Airport. Fifty-three light rail cars currently operate on the entire system. The fiscal year 2014 light rail ridership was approximately 8.1 million. The CTP includes \$202,376,000 for rolling stock rehabilitation as well as track and other improvements including electrical systems, stations, parking, maintenance facilities, and preservation and enhancement studies. The federal government is expected to contribute \$108,668,000 and the remaining \$93,708,000 is expected to be provided from other resources of the Department.

*Baltimore Metro Subway* - The MTA operates a rapid transit system with 98 rapid rail cars on 15.4 miles of subway line in Baltimore City and Baltimore County (the “Baltimore Metro”). The fiscal year 2014 Baltimore Metro ridership was approximately 14.6 million. The CTP includes \$528,337,000 for rolling stock rehabilitation as well as rail system construction and preservation of which the federal government is expected to contribute \$222,660,000, with the Department providing the remaining \$305,677,000.

*Mobility/Paratransit Service* - The Mobility/Paratransit service is for citizens who are unable to use local bus, subway or light rail service. This service is provided by the MTA via contracts with Veolia Transportation and MV Transportation. The CTP includes \$48,013,000, primarily for vehicle procurement and rehabilitation. The federal government is expected to contribute \$16,750,000, with the remaining \$31,263,000 provided from other resources of the Department.

*New Starts* - The MTA has begun preliminary engineering for new light rail lines in the Baltimore and Washington areas, including a 14-mile line in Baltimore (the “Red Line”) and a 16-mile line in Prince George’s and Montgomery Counties (the “Purple Line”). Also, a locally preferred alternative has been selected for a 9-mile rapid bus transitway, the “Corridor Cities Transitway”, in Montgomery County. Federal funding for these projects is being pursued through the Federal Transit Administration (“FTA”) New Starts process. The new lines would link

key employment, entertainment, commercial and residential areas. For additional information on new transit projects visit <http://mta.maryland.gov/transit-projects>. The CTP includes \$2,957,429,000 for these projects. Of this amount, \$1,459,960,000 will be provided by resources of the Department, \$1,087,979,000 from federal grants and \$409,490,000 from non-federal, non-Departmental sources.

*Agency-wide* - The CTP includes agency-wide preservation and enhancement projects across facilities, joint development projects and community enhancement projects. The CTP includes \$248,449,000 for this work. The federal share for this amount is \$46,280,000, with \$178,874,000 provided from other resources of the Department and \$23,295,000 from non-federal, non-Departmental sources.

*Information Technology* - The MTA is working on many security and information technology initiatives, which total \$45,226,000. The Department expects to fund this entire amount.

#### *Commuter Rail*

The MTA operates the MARC rail service through contracts with Amtrak and CSX. Amtrak operates commuter rail service from Perryville in Cecil County to Washington, D.C. CSX operates commuter rail service from Baltimore City, Frederick, Maryland, and Martinsburg, West Virginia to Washington, D.C. MARC ridership exceeded 9.1 million in fiscal year 2014.

Passenger rail capital allocations for the CTP period are \$365,626,000, of which \$260,097,000 is expected to be provided by federal grants, \$94,635,000 from other resources of the Department and \$10,894,000 from non-federal, non-Departmental sources.

#### *Freight*

The Department supports the operations of certain rail freight lines through direct subsidies to short line rail operations and rehabilitation of components of these lines.

Allocations for the rail freight capital program for the CTP period are \$19,569,000. The Department expects to fund this entire amount.

#### *Statewide Grants*

Department aid is available to qualifying local public and non-profit agencies for the planning, capital and operating costs of public transportation projects. Where federal grants are available for planning and capital costs, the Department will provide up to 80% of the non-federal share of approved costs.

Allocations for statewide public transit grants for the CTP period total \$246,337,000, of which \$123,009,000 is expected from federal grants, \$111,778,000 from the Department and \$11,550,000 from non-federal, non-Departmental sources.

### **Washington Metropolitan Area Transit Authority Grants**

#### *Washington Suburban Transit District*

The Department provides financial aid for the construction and operation of the regional rail and bus system of the Washington Metropolitan Area Transit Authority (“WMATA”) serving Montgomery and Prince George’s Counties in Maryland, the District of Columbia, and the local jurisdictions in Virginia which participate in the Northern Virginia Transportation Commission. Prince George’s and Montgomery Counties in Maryland comprise the Washington Suburban Transit District (“WSTD”). The Washington Suburban Transit Commission (“WSTC”), created by State law to manage and control the functions and affairs of the WSTD, is empowered to provide funds to meet the WMATA obligations allocated to WSTD. The Department provides funds for the WMATA system through grants-in-aid to the WSTC.

The Department provides (1) grants to meet the WSTD’s share of the capital costs of the adopted regional rail system, (2) grants to the WSTD in an amount equal to 100% of the WSTD’s share of the operating deficits of the regional transit system (operating deficits are defined as operating costs less (a) the greater of operating revenues or

50% of operating costs, and (b) all federal operating assistance), and (3) grants equal to 100% of the WSTD's portion of the net debt service on revenue bonds issued by WMATA for which payments were completed in fiscal year 2014.

*WMATA Capital Improvement Program* - The Capital Improvement Program includes both the former Infrastructure Renewal Program ("IRP") and the System Access Plan ("SAP"). A new capital agreement was executed in June 2010 that will fund the IRP and SAP on an ongoing basis. Projects include all system infrastructure, rolling stock, vehicles and equipment. The FY 15-20 CTP provides for an estimated expenditure of \$1,579,059,000 including \$642,696,000 in federal funds received by WMATA directly.

*Operating Deficit Assistance* - The Department estimates that its share of the WSTD's portion of the transit operating deficits for fiscal years 2015-2020 will be \$2,019,000,000 of which \$285,278,000 is required for fiscal year 2015. The amount estimated for fiscal year 2016 is \$320,000,000.

*Debt Service Assistance* - Over the six-year FY 2015-2020 CTP, the Department will contribute \$62,712,000 for debt repayment on long term bonds issued for the Metro Matters Program, a regionally funded program for capital improvements completed primarily during fiscal years 2005 through 2010.

### **Maryland Port Administration**

The Port of Baltimore is served by highway and major railroad systems and offers two distinct water approach routes to or from the Atlantic Ocean: from the south through the Virginia Capes and from the north through the Chesapeake and Delaware Canal.

The MPA has constructed and currently operates marine terminals in the Port of Baltimore. The CTP includes major projects for the improvement and expansion of some of these terminals at a six-year cost of \$700,322,000. The cost of these capital improvements to port facilities is funded with resources of the Department. Major project expenditures related to dredging, including dredged material containment site-work, are projected to be \$530,342,000 for the six-year period. Minor projects (i.e. rehabilitation and system preservation) at the MPA's various marine terminals (Dundalk, Clinton Street, Locust Point, etc.) are also included in the CTP at a cost of \$235,676,000. The total six-year program for the MPA is \$971,321,000.

The Authority constructed a three-berth container facility at Seagirt Marine Terminal and an intermodal container transfer yard. Although this project was not funded by the Department's Transportation Trust Fund, it is nevertheless a significant port development. Until January 2010, the MPA served as the agent for the Authority and oversaw the operation of Seagirt Marine Terminal.

In December 2009, the MPA signed a long-term lease with Ports America valued at \$1.3 billion. The lease allows Ports America to operate Seagirt Marine Terminal for the next 50 years. Ports America's subsidiary, Ports America Chesapeake, constructed a 50-foot deep berth at the Seagirt Marine Terminal that will accommodate larger ships from Asia that are expected to call on East Coast ports when an expansion of the Panama Canal is completed in 2015. Ports America added four cranes to the new berth capable of handling container ships which are higher and wider than those now calling at the Port of Baltimore. As part of the agreement, Ports America will invest more than \$600 million in port-related infrastructure improvements over the 50-year lease life. The lease required Ports America to make an upfront payment of \$140 million to fund other Authority projects which allowed MPA to take ownership of Seagirt Marine Terminal.

In April 1998, the Authority financed a \$20,000,000 Masonville Automobile Handling Facility for the MPA. The agreement between the Authority and the MPA provides for annual payments including interest, over a 20-year period maturing May 2020, by the MPA to the Authority to amortize its investment in this facility.

In June 2006, the Department entered into a \$26,530,000 conditional purchase agreement to construct a 215,000-square-foot warehouse facility at the MPA South Locust Point Terminal. The project included demolition, land preparation, constructing a roll-on/roll-off ramp at the dock, and extending railroad tracks to the warehouse. The warehouse accommodates and stores imported forest products, especially paper, and provides adequate capacity to store paper previously housed at the North Locust Point Terminal. The facility is currently unoccupied; however, in accordance with provisions of the conditional purchase agreement, other forest product revenue at the South and North Locust Point Terminals covers the debt service payments until the facility is leased.

## **Maryland Aviation Administration**

### *Baltimore/Washington International Thurgood Marshall Airport*

BWI Marshall Airport, operated by the MAA, is located on a 3,200-acre site in Anne Arundel County, 10 miles south of Baltimore and 30 miles north of Washington, D.C. More than 20 scheduled airlines, including commuter and cargo air carriers, serve BWI Marshall Airport and currently provide 300 domestic and international departures daily. During fiscal year 2014 approximately 22.2 million passengers used BWI Marshall Airport.

The CTP six-year program total of \$651,052,000 includes \$372,949,000 in major improvements at BWI Marshall Airport consisting of parking revenue control system replacement, noise mitigation, airfield runway safety area, standards and pavement improvements, life-safety and security systems, and terminal improvements. Under MAA's Terminal Improvement Program, improvements to Terminals D and E are included in the CTP. This project includes relocation of the passenger security screening checkpoint, widening of corridors and adding a secure-side connector.

Revenue Bonds issued by the Maryland Economic Development Corporation ("MEDCO") and Passenger Facility Charge ("PFC") Revenue Bonds issued by the Authority were used to complete the Concourses A and B expansion, the construction of the daily garage, and improvements to the terminal and access roadwork. Additional PFC bonds were issued by the Authority in April 2012 and used along with PFC revenues and federal grants to finance improvements to Concourse C. More PFC bonds were issued by the Authority in December 2012 to finance construction of airfield improvements to meet federal standards and make improvements to runway and connective airfield pavement. The Department issued additional PFC bonds in December 2014 for improvements to Concourses D and E. See "LEASE AND CONDITIONAL PURCHASE FINANCINGS" and "OTHER LONG-TERM LIABILITIES" for summaries of these bond financings.

The Aviation Safety and Capacity Expansion Act of 1990 (the "1990 Safety Act"), enacted by the United States Congress ("Congress"), allows a public agency to impose an airport PFC for enplaned passengers. The proceeds of such PFCs are to be used to finance eligible airport-related construction projects, as approved by the Federal Aviation Administration (the "FAA"). The MAA received FAA approval in July 1992 to collect PFCs for four projects. The MAA amended its PFC program in April 1994 to increase the total to six projects. In 1994, the Authority issued special obligation revenue bonds secured by PFCs to construct the International Terminal at BWI Marshall Airport and provide for other landside and airside facilities. These bonds were defeased during fiscal year 2003.

The Aviation Investment and Reform Act for the 21<sup>st</sup> Century, enacted by Congress in April 2000, together with the 1990 Safety Act, increased the maximum per passenger PFC allowed to be charged by qualifying airports from \$3.00 to \$4.50. In June 2002, the MAA received FAA approval to increase its collection level to \$4.50 to support PFC approved projects in MAA's capital program. The FAA further allows the MAA to impose and use PFCs for the payment of debt service for bonds used to fund PFC approved projects. PFC collections not needed for debt service are used for PFC approved paygo projects. The FAA approved additional applications for PFC eligible projects in June 2006, July 2007, February 2008, September 2010, March 2012, September 2012 and August 2014.

The CTP also anticipates expenditures of \$224,942,000 for airport planning and preservation of both BWI Marshall Airport and Martin State Airport, of which \$16,382,000 is expected from federal grants, \$24,945,000 from non-Department revenue sources and \$183,615,000 from other resources of the Department.

### *Other Aviation Facilities and Programs*

Martin State Airport is located northeast of Baltimore in Baltimore County, and provides facilities for general aviation and the Maryland Air National Guard. Improvements amounting to an estimated \$5,738,000 are allocated during the CTP period to Martin State Airport. It is estimated that \$1,238,000 would be provided by federal grants and \$4,500,000 from other resources of the Department.

In 2008 MAA updated the Maryland Aviation System Plan (the "MASP"), a comprehensive review of Maryland's airport system including the small privately-owned public-use airports. The MASP is a planning

document to preserve and expand a safe and efficient system of airports. A grant program to aid general aviation and commercial airports throughout the State, in keeping with the MASP, is expected to require an estimated \$16,900,000 during the CTP period.

### **Motor Vehicle Administration**

The MVA is responsible for supplying motor vehicle services to the citizens of the State. These services include licensing all passenger and commercial drivers, registering and titling vehicles, issuing tags and permits for persons with a disability, issuing photo identification cards for non-driver residents, regulating motor vehicle dealerships and salespersons, administering the compulsory insurance compliance program, managing the Vehicle Emissions Inspections Program (“VEIP”), and conducting driver safety programs. The MVA serves its customers through a network of 25 customer service offices (18 full service, 3 limited services, 1 express, 2 satellite, and a mobile office), electronic services (kiosks, internet, telephone), a telephone customer service center, and 18 VEIP stations. Overall, the MVA manages more than 11 million driver and vehicle records. During fiscal year 2014, 1.3 million new and renewal driver’s licenses and identification cards, 4.1 million new and renewal vehicle registrations, and 1.0 million new titles were issued. The majority of service transactions are conducted through a customer service facility, although the portion of transactions that are processed electronically or via the United States (“U.S.”) postal system is approaching one-half.

The 2015-2020 CTP has \$125,161,000 programmed for MVA capital projects, of which \$79,266,000 is allocated to preserve and develop the MVA’s information technology (“IT”) infrastructure, and the remaining \$45,895,000 will allow for the preservation and improvement of customer service offices. While IT infrastructure is critical to how a growing number of customer transactions are completed at the MVA, customer service facilities continue to be an important part of service distribution. In addition to preserving and improving existing IT systems, such as the driver licensing system, there are two major IT projects planned: Project Core and Document Information, and Workflow System Upgrade. These IT projects resolve to modernize, standardize and integrate an aging MVA IT infrastructure. MVA facilities require ongoing investment to keep them safe, secure and publicly compliant. Some customer service offices and many VEIP stations have reached an age whereby investments need to be made in the building structure, site, and mechanical and electrical systems.

### **The Secretary's Office**

Capital projects funded in the Secretary’s Office largely consist of Department-wide projects to improve air quality, promote bicycling as a mode of transportation and facilitate transit-oriented development.

The Secretary’s Office includes multi-modal planning efforts and grants either given from the Secretary or received by the Department for key projects around the state including High Speed/Intercity Rail grants for two North East Corridor rail improvements.

On June 27, 2002, MEDCO issued lease revenue bonds on behalf of the Department in the amount of \$36,000,000 (the “2002 Lease Revenue Bonds”) for the acquisition, construction and equipping of a new Department headquarters building. The Bonds are secured by the Department’s semiannual lease payments to MEDCO. On May 25, 2010, MEDCO partially refunded the 2002 Lease Revenue Bonds.

## **THE TRANSPORTATION TRUST FUND**

The Transportation Trust Fund was established in 1971 by Chapter 526 of the Laws of Maryland of 1970. The Transportation Trust Fund is credited with taxes, fees, charges, bond proceeds, federal grants for transportation purposes and other receipts (excluding PFC and rental car customer facility charges and, to the extent required for debt service on obligations issued on behalf of the Department by the Authority, certain parking revenues) of the Department. All expenditures of the Department are made from the Transportation Trust Fund. The Department may use funds in the Transportation Trust Fund for any lawful purpose related to the exercise of its powers, duties and obligations, after meeting its debt service requirements. Unexpended funds remaining in the Transportation Trust Fund at the close of each fiscal year do not revert to the General Fund but remain in the Transportation Trust Fund.

**Under existing law, the following sources of funds are available to the Transportation Trust Fund.**

**Taxes and Fees**

*Highway User Revenues* — Highway User Revenues (“HUR”) include the following taxes and fees after the deduction of certain programmatic expenses provided by law:

1. Motor Vehicle Fuel Tax and Fees (“Base Tax Rate”) — these taxes and fees that are a component of HUR consist of the following:
  - (a) The 23 1/2¢ on each gallon other than aviation gasoline and 24 1/4¢ on each gallon of special fuels other than turbine fuel after deductions for certain refunds and collection costs, a 2.3% distribution to the Chesapeake Bay 2010 Trust Fund and/or the General Fund and a .5% distribution to the Waterway Improvement Fund; and
  - (b) The fee for a 15-day trip permit for a commercial vehicle at an amount equal to the tax rate on special fuel other than turbine fuel, in effect at the time the permit is issued, and payable on 174 gallons of motor vehicle fuel.
2. Motor Vehicle Titling Tax — two-thirds of the excise tax imposed at the rate of 6% of the fair market value, excluding trade in allowance, of certain motor vehicles for which certificates of title are issued.
3. Sales and Use Tax — 80% of 45% of the revenues from the collection of the sales and use tax on short-term vehicle rentals.
4. Motor Vehicle Registration Fees — a registration fee on all motor vehicles that ranges from \$2.50 to \$1,800.00 per vehicle.
5. Corporation Income Tax — a percentage of the revenues derived from the State’s 8.25% corporation income tax after certain General Fund reductions. For fiscal years 2014 through 2016, the percentage distribution will be 19.5%. For fiscal year 2017 and future fiscal years, the percentage distribution will be 17.2%.

*Allocation of Highway User Revenues* — Pursuant to Chapter 397, which became effective on July 1, 2011, the allocation of total HUR for fiscal year 2014 and all fiscal years thereafter is 90.4% to the Department and 9.6% to pay allocations to the counties, municipalities and Baltimore City.

*Additional Transportation Trust Fund Revenue* — The following revenues of the Department are not HUR and are credited to a separate account in the Transportation Trust Fund.

1. Motor Vehicle Titling Tax — One-third of the excise tax imposed at the rate of 6% of the fair market value, excluding trade in allowance, of certain motor vehicles for which certificates of title are issued. (see “*Highway User Revenues* – 2. Motor Vehicle Titling Tax”)
2. Motor Vehicle Fuel Tax — The following increases to the motor fuel tax were enacted under Chapter 429:
  - (a) Effective July 1, 2013, there is an annual adjustment to the motor fuel tax in excess of the Base Tax Rate. The increases in the tax are indexed to the Consumer Price Index (the “CPI”), compounding with each adjustment. The annual increase may not be greater than 8%. While the Base Tax Rate is part of HUR, the adjustments are not.
  - (b) Effective July 1, 2013, there is an increase in the motor fuel tax attributable to a sales and use tax equivalent on motor fuel based upon the product of the average annual retail price of motor fuel, less state and federal taxes, multiplied by specified percentage rates. The percentage beginning July 1, 2013 was 1%, increasing to 2% on January 1, 2015 and 3% on July 1, 2015.
3. Sales and Use Tax Revenues — The Department receives 20% of 45% of the sales and use tax revenues on short-term vehicle rentals.

4. Operating Revenues — Revenues of the Transportation Trust Fund are produced by operations of the MPA, the MTA and the MAA. Under legislation enacted in the 2008 Session of the General Assembly, the MTA must recover from fares and other operating revenues at least 35% of the total operating costs for the MTA's bus, light rail and Metro railway services in the Baltimore Region and all MARC passenger railroad services provided under contracts with CSX and Amtrak. For fiscal year 2014 the bus, light rail and subway systems combined achieved a 26.1% fare box recovery. The MARC fare box recovery for fiscal year 2014 is 50.0%. Under Chapter 429 the MTA, beginning in 2015, is required to increase base fare prices at specified intervals based on the change in the CPI.

5. Other Revenues — All other revenues include other taxes, fees, charges, and revenues of every kind collected or received by, paid or appropriated to, or to be credited to the Transportation Trust Fund for the Department in the exercise of its rights, powers, duties, obligations or functions.

See "Taxes Pledged to Bonds and Net Revenues as Defined for Purposes of the Bond Coverage Tests" in Appendix A.

### **Federal Aid**

The fiscal years 2015 - 2020 CTP is based on the spending levels and contract authority under the federal highway program enacted in July 2014 entitled Moving Ahead for Progress in the 21<sup>st</sup> Century Act ("MAP-21"), which expires on July 31, 2015. Federal highway program funds authorized and apportioned to the states are subject to annual ceilings, which determine how much of the authorized money can be obligated in any given year. This ceiling is referred to as Obligation Authority ("OA") and is imposed by the U.S. Congress ("Congress") annually in response to prevailing economic policy. Since fiscal year 2004, the Department's OA has ranged from 84 percent to 95 percent. The OA level received in fiscal year 2014 was 94.7 percent. For planning purposes, the Department remains conservative regarding OA assumptions, since MAP-21 did not address the long-term solvency of the Federal Highway Trust Fund ("FHTF"), which continues to constrain the Department's ability to plan for future State transportation investments. The fiscal years 2015 - 2020 CTP assumes an OA level of 94.0 percent for fiscal year 2015, 87.5 percent for fiscal year 2016 and 80 percent for fiscal years 2017 - 2019.

Under MAP-21, the Department receives federal aid for the highway program, primarily for interstate, primary, secondary and urban systems, bridge replacement, highway safety, and congestion mitigation/air quality improvement. All available federal aid is utilized and no federal aid will be lost for lack of State match.

The FTA provides transit operating and capital assistance for bus, metro, light rail, and commuter rail. Federal grants are also provided for rural areas as well as elderly and handicapped persons.

Federal entitlement and discretionary funding for airport projects are provided by the FAA through the Airport Improvement Program.

The State Highway Administration received \$10 million in FY 2014 discretionary funding through the U.S. Department of Transportation's ("USDOT") Transportation Investment Generating Economic Recovery ("TIGER") grant program to advance the MD 175 widening project at Fort George G. Meade to construction. The project would upgrade MD 175 from an existing two-lane undivided arterial to a six-lane divided arterial, complete with a trail, sidewalks, and on-road bicycle facilities. This project, which is part of a greater corridor improvement project along MD 175, would address current and future congestion along MD 175 between the two intersections and improve access to Ft. Meade for both motorized and non-motorized travel.

The major federal fund receipts for the capital program including federal funds for local governments in fiscal year 2014 were \$800,019,000. Projected receipts for fiscal year 2015 are \$816,907,000.

The Department has three high-speed intercity passenger rail grants for a total of \$91.4 million to examine the replacement of Amtrak's Baltimore & Potomac rail tunnel and Amtrak's Susquehanna railroad bridge, upgrading the BWI Marshall Airport MARC/Amtrak station, and adding an additional track in the area.

The subsidy for the Department's Consolidated Transportation Bonds, Series 2010 B (Federally Taxable - Issuer Subsidy - Build America Bonds) was reduced by 7.2% in federal fiscal year ("FFY") 2014 and by 7.3% in FFY 2015.

## **Federal Highway Trust Fund Fiscal Cliff**

MAP-21 maintains highway and transit funding at current levels through a \$10.8 billion infusion from the General Fund to the FHFTF. This amount will fund existing programs through July 31, 2015, and brings the total amount transferred by Congress since FFY 2008 from the General Fund to the FHFTF to over \$65 billion. Congress will have to enact another short-term extension or provide a long-term solution to address the gap between FHFTF revenues and planned outlays by July 31, 2015 to prevent any level of reductions in the amount of federal highway and transit aid provided to states in FFY 2015 and beyond.

Federal aid, representing 20 percent of the total funding in the Department's Transportation Trust Fund, supports the multimodal investments in the fiscal years 2015 - 2020 CTP. Should Congress deviate from its current practice of using General Fund transfers to address the imbalance of revenues and outlays in the FHFTF and allow for decreases in federal funding, the Department would need to consider slowing down or stopping the flow of federally supported construction projects.

Given the fiscal concerns regarding the soundness of the FHFTF, the Department will continue to assess this risk and work with the State Congressional Delegation to address the potential impact on the State's transportation projects. The continued support of the FHFTF is critical to the Department's ability to enhance, improve, and rebuild our infrastructure to compete in a modern economy.

## **Consolidated Transportation Bonds**

In accordance with certain provisions of the Act, the aggregate principal amount of Consolidated Transportation Bonds that may be outstanding is \$4,500,000,000, which amount was increased from \$2,600,000,000 pursuant to Chapter 429. In addition, provisions of the Act provide for the General Assembly to establish in the budget for any fiscal year a maximum outstanding aggregate amount of these bonds as of June 30 of the respective fiscal year that does not exceed \$4,500,000,000. For fiscal year 2015, the aggregate amount of Consolidated Transportation Bonds that may be outstanding as of June 30, 2015 is \$2,530,255,000. Consolidated Transportation Bonds in the principal amount of \$2,020,250,000 will be outstanding upon issuance of the Bonds. No additional payments of serial maturities and no additional issuances will be made during the remainder of fiscal year 2015.

## **Special Revenue Bonds**

The General Assembly enacted legislation in 2002, which was amended in 2004 and 2005, to give the Department authority to issue special transportation project revenue bonds. The Department may pledge or use existing and anticipated federal funds for the payment of special transportation project revenue bonds, provided that the Department complies with the limitations set forth in Title 3, Subtitle 6 of the Transportation Article which states that (1) the aggregate principal amount of debt issued and secured by a pledge of future federal aid may not exceed \$750 million; and (2) the date of maturity may not be later than 12 years after the date of issue.

If future federal aid is insufficient to pay the principal of and interest on the special transportation project revenue bonds, the taxes levied under the Act and irrevocably pledged to the payment of the principal of and interest on the Consolidated Transportation Bonds but not needed for such payment are pledged and will be available to pay the special transportation project revenue bonds. The statutory lien and pledge created for the benefit of the special transportation project revenue bonds is at all times subordinate to the pledge and lien for the payment of the principal of and interest on the Bonds and other Consolidated Transportation Bonds.

In 2014, the General Assembly enacted legislation allowing the Department to issue transportation project revenue-backed bonds and pledge and use a dedicated revenue source, which may include revenues attributable to the facilities being financed, for the payment of the debt service on these bonds. The taxes pledged to the payment of the Bonds and other Consolidated Transportation Bonds under Section 3-215 may not be used to support directly or indirectly the payment of the interest and principal of the revenue-backed bonds.

The Department has no current plans as of the date of this offering to issue special transportation project revenue bonds with pledged revenues of either existing or anticipated federal funds or with revenues from a dedicated revenue source attributed to the facilities financed.



## **Maryland Transportation Authority Debt Secured by Federal Aid**

The State substantially completed construction of the ICC through the combined efforts of the SHA and the Authority. The SHA managed the design and construction of the ICC, and, as federal grant recipient for the project, was responsible for federal aid management. The Authority provided financing for the project, including bond financing, and owns and operates the ICC. In June 2007, the Authority issued \$325,000,000 Maryland Transportation Authority Grant and Revenue Anticipation Bonds, Series 2007 (“2007 GARVEE Bonds”), and in December 2008, the Authority issued its final series of Grant and Revenue Anticipation Bonds, Series 2008 (together with the 2007 GARVEE Bonds, the “GARVEE Bonds”) in the amount of \$425,000,000 in accordance with the ICC financing plan. Under current law no additional GARVEE Bonds may be issued.

The GARVEE Bonds are primarily secured by a portion of Maryland’s future federal highway aid. Section 4-320 of the Transportation Article establishes priorities in the event of a shortfall in federal aid to pay debt service requirements on the GARVEE Bonds. If such federal aid is insufficient to pay the principal of and interest on the GARVEE Bonds when due, the taxes levied pursuant to Section 3-215 of the Act are irrevocably pledged to the payment of the debt service on the GARVEE Bonds. However, the statutory lien and pledge created for the benefit of the GARVEE Bonds is at all times subordinate to the pledge and lien of taxes for the payment of principal of and interest on the Consolidated Transportation Bonds. GARVEE Bonds outstanding as of March 31, 2015 were \$349,440,000; and annual debt service thereon is approximately \$87.5 million.

## **Transfers from the Maryland Transportation Authority**

The tolls and other revenues received from the transportation facilities projects owned and operated by the Authority are pledged as security for revenue bonds of the Authority issued under and secured by a Second Amended and Restated Trust Agreement dated as of September 1, 2007, as further supplemented and/or amended from time to time (the “Trust Agreement”).

None of these tolls and other revenues are initially credited to the Transportation Trust Fund. However, under the terms of the Trust Agreement and in accordance with legislation enacted by the General Assembly in 1978, moneys not needed for obligations of the Authority may be subsequently transferred to the Transportation Trust Fund to be used as appropriated by the General Assembly for any lawful purpose unless prohibited by any applicable resolution or trust agreement of the Authority. Such a transfer may be made only upon the recommendation of the Secretary and after the approval of the Board of Public Works. The last such transfer occurred in fiscal year 2007.

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## PLEGGED TAXES AND NET REVENUES

As described above under “SECURITY”, portions of the corporation income tax, motor fuel tax, motor vehicle titling tax, sales and use tax on short-term rental vehicles, and from July 1, 2008 through June 30, 2011, a portion of the sales and use tax, are irrevocably pledged to payment of debt service on the Department’s bonds. See “SECURITY” for a discussion of changes to Transportation Trust Fund revenues enacted by the General Assembly. **From time to time, there are legislative proposals in the General Assembly that, if enacted, could alter the Department’s share of the taxes.**

The following table lists the total amount of such taxes credited to the Transportation Trust Fund for the past five fiscal years and estimates for fiscal year 2015 (in thousands). These taxes would be the amounts upon which the Additional Bonds test relating to total proceeds from pledged taxes would be based. (See “FINANCIAL AND ACCOUNTING SYSTEM” for a general description of the budgetary basis.)

Taxes Pledged to Bonds	2010	2011	2012	2013	2014	2015 <sup>1</sup>
Corporation Income Tax	\$ 107,293	\$ 107,379	\$ 143,370	\$ 68,503	\$ 146,113	\$ 147,020
Fuel Tax .....	489,004	500,801	567,431	651,196	723,249	785,754
Titling Tax .....	434,729	470,001	547,198	639,011	693,422	735,696
Sales and Use Tax .....	213,254	221,842	19,770	23,425	27,983	29,081
<b>Total Pledged Taxes ....</b>	<b>\$1,244,280</b>	<b>\$1,300,023</b>	<b>\$1,277,769</b>	<b>\$1,382,135</b>	<b>\$1,590,767</b>	<b>\$1,697,551</b>

<sup>1</sup> Forecast for fiscal year 2015

Note: Totals may not add due to rounding

To the extent needed, other revenues credited to the Department are available for payment of debt service on the Department’s bonds. These will be the amounts upon which the Additional Bonds test relating to net available revenues will be based. The following table lists the total of the two categories of revenues available for debt service on the Department’s bonds, the Department’s administration, operation and maintenance expenses paid from the Transportation Trust Fund and net revenues (in thousands).

	2010	2011	2012	2013	2014	2015 <sup>1</sup>
Total Pledged Taxes .....	\$1,244,280	\$1,300,023	\$1,277,769	\$1,382,135	\$1,590,767	\$1,697,551
Fees:						
Motor Vehicle Registrations.	227,954	229,748	256,350	298,071	305,525	302,885
Other .....	187,455	209,909	219,211	274,823	280,989	290,499
<b>Total Taxes and Fees.....</b>	<b>1,659,689</b>	<b>1,739,680</b>	<b>1,753,330</b>	<b>1,955,029</b>	<b>2,177,281</b>	<b>2,290,935</b>
Operating Revenues:						
MPA .....	69,222	49,156	57,302	49,030	52,841	47,000
MTA .....	125,057	133,494	136,194	138,400	139,821	143,000
MAA .....	194,308	207,897	208,560	219,757	217,290	217,000
<b>Total Operating Revenue...</b>	<b>388,587</b>	<b>390,547</b>	<b>402,056</b>	<b>407,187</b>	<b>409,952</b>	<b>407,000</b>
Other Revenue.....	(3,600)	60,458	40,015	30,808	29,139	(1,000)
Investment Income.....	394	1,004	2,750	758	2,154	1,000
<b>Total Revenues.....</b>	<b>2,045,070</b>	<b>2,191,689</b>	<b>2,198,151</b>	<b>2,393,782</b>	<b>2,618,526</b>	<b>2,697,935</b>
Administration, Operation and Maintenance Expenditures ....	1,491,817	1,456,606	1,479,444	1,566,010	1,752,218	1,711,000
<b>Net Revenues.....</b>	<b>\$ 553,253</b>	<b>\$ 735,083</b>	<b>\$ 718,707</b>	<b>\$ 827,772</b>	<b>\$ 866,308</b>	<b>\$986,935</b>

<sup>1</sup> Forecast for fiscal year 2015

Note: Totals may not add due to rounding

Certain of the fluctuations in the above tables are caused by institution of new programs and responsibilities of the Department, changes in tax and fee structures (See “THE TRANSPORTATION TRUST FUND”), and the influence of economic trends.

The financial statements contained herein should be read to obtain further details. See “Taxes Pledged to Bonds and Net Revenues as Defined for Purposes of the Bond Coverage Test” in the Statistical Section of Appendix A for additional historical detail.

Maryland’s economy continues to recover from the deep economic downturn of 2008-2009. Although recovery is at a slower rate than experienced in other recent economic cycles, steady employment growth averaging approximately 1% is forecasted for the next several years. With improved economic conditions, the Department’s revenue growth combined with the new revenues provided by Chapter 429 (the Transportation Infrastructure Investment Act of 2013) should enable the Department to address critical capital and operating needs. The major uncertainty for Maryland’s economy is the potential for federal budget cutbacks.

### **OUTSTANDING INDEBTEDNESS**

Consolidated Transportation Bonds in the principal amount of \$2,020,250,000 will be outstanding upon issuance of the Bonds. No additional payments or of serial maturities or additional issuances will be made during the remainder of fiscal year 2015. For fiscal year 2015, the aggregate amount of Consolidated Transportation Bonds that may be outstanding as of June 30, 2015 is \$2,530,255,000. See “THE TRANSPORTATION TRUST FUND — Consolidated Transportation Bonds” for a discussion of the limit on the maximum outstanding aggregate principal amount of Consolidated Transportation Bonds. The table below shows the amounts to be outstanding for the respective series of Consolidated Transportation Bonds upon issuance of the Bonds:

Series 2002	\$ 37,500,000
Series 2003	54,000,000
Series 2003 (Second Issue)	70,200,000
Series 2006	8,000,000
Series 2007	16,000,000
Series 2008	54,000,000
Series 2008 (Second Issue)	165,200,000
Series 2009	92,400,000
Series 2010B	126,000,000
Refunding Series 2011	137,890,000
Series 2012	107,810,000
Series 2013	165,000,000
Series 2013 (Second Issue)	225,000,000
Series 2014	100,000,000
Series 2015	265,535,000
Series 2015 (Second Issue)	136,000,000
Refunding Series 2015	<u>259,715,000</u>
 Total	 <u>\$ 2,020,250,000</u>

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## DEBT SERVICE REQUIREMENTS AND ESTIMATED COVERAGES

The following table presents debt service requirements and estimated coverage ratios for the Bonds and the Outstanding Bonds. Maximum annual debt service is \$292,327,069 in fiscal year ending June 30, 2018. Net revenues under the first test described above under “ADDITIONAL BONDS” for the fiscal year ending June 30, 2014 would be 2.96 times maximum annual principal and interest requirements on such debt. Pledged taxes under the second test described above under “ADDITIONAL BONDS” for the fiscal year ended June 30, 2014 would be 5.44 times maximum annual principal and interest requirements on such debt. See “PLEDGED TAXES AND NET REVENUES” for detail on the Department’s revenue. These coverage ratios are calculated on the basis of no further issuance of Consolidated Transportation Bonds.

Fiscal Year	<u>Debt Service Requirements- Consolidated Transportation Bonds</u>						<u>Debt Service Coverage Ratio Based Upon FY 2014 Revenue</u>	
	Outstanding Bonds Principal & Interest	Construction Bonds Principal	Construction Bonds Interest	Refunding Bonds Principal	Refunding Bonds Interest	Total Debt Service Requirements	Pledged Tax Ratio <sup>5</sup>	Net Revenue Ratio <sup>4</sup>
2015	\$ 232,404	\$ -	\$ -	\$ -	\$ -	\$ 232,404	6.84	3.73
2016	239,976	-	5,455	4,015	8,549	257,994	6.17	3.36
2017	259,927	-	5,725	9,325	12,785	287,762	5.53	3.01
2018	248,438	8,180	5,725	17,665	12,319	292,327	5.44	2.96
2019	181,676	8,505	5,316	35,955	11,436	242,888	6.55	3.57
2020	138,355	8,850	4,891	42,490	9,638	204,224	7.79	4.24
2021	143,765	9,200	4,448	46,790	7,513	211,716	7.51	4.09
2022	147,809	9,570	3,988	38,965	5,173	205,505	7.74	4.22
2023	117,977	9,950	3,510	64,510	3,226	199,172	7.99	4.35
2024	119,514	10,350	3,012	-	-	132,876	11.97	6.52
2025	105,291	10,765	2,495	-	-	118,551	13.42	7.31
2026	86,466	11,195	1,956	-	-	99,617	15.97	8.70
2027	86,907	11,640	1,621	-	-	100,167	15.88	8.65
2028	75,536	12,110	1,271	-	-	88,917	17.89	9.74
2029	59,359	12,590	787	-	-	72,736	21.87	11.91
2030	26,811	13,095	409	-	-	40,315	39.46	21.49
Total <sup>5</sup>	\$ 2,270,211	\$ 136,000	\$ 50,608	\$ 259,715	\$ 70,639	\$ 2,787,172		

- (1) The general sales and use tax and corporation income tax affected by General Assembly changes in the 2011 Session are available to pay debt service on the Outstanding Bonds sold prior to July 1, 2011, if needed.
- (2) Debt Service on outstanding bonds has been reduced for the refunded bonds.
- (3) Pledged taxes were \$1,590,767,000 for fiscal year 2014.
- (4) Net revenues were \$866,308,000 for fiscal year 2014.
- (5) Totals may not add due to rounding.

## LEASE AND CONDITIONAL PURCHASE FINANCINGS

The Department has from time to time financed the construction and acquisition of various facilities through conditional purchase, sale-leaseback, and similar transactions. Such transactions are subject to approval by the Board of Public Works. Financings of this type are as follows:

<u>Capital Leases</u>	<u>Projects</u>	<u>Issuance Amount</u>	<u>Bonds Outstanding as of March 31, 2015</u>
Maryland Economic Development Corporation Refunding Lease Revenue Bonds Series 2010	Acquisition, construction and equipping of a new headquarters building for the Department	\$ 22,715,000	\$ 18,720,000
Maryland Economic Development Corporation Refunding Lease Revenue Bonds Series 2012	Expansion and renovation of Piers A and B and the Terminal Building at BWI Marshall Airport.	199,555,000	177,525,000
Total			<u>\$ 196,245,000</u>

The Department's payments to MEDCO for debt service on all MEDCO Lease Revenue Bonds are subject to the General Assembly's annual appropriation.

The Department has a pending lease financing in the amount of \$35 million for the construction of a parking garage. A construction date has not been set.

<u>Conditional Purchase Financings</u>	<u>Projects</u>	<u>Issuance Amount</u>	<u>Certificates Outstanding as of March 31, 2015</u>
Project Certificates of Participation (MAA), Refunding Series 2010	BWI Marshall Airport Facilities	\$ 19,610,000	\$ 14,515,000
Project Certificates of Participation (MTA), Refunding Series 2010	MTA Rail Station Parking Garage at BWI Marshall Airport	13,070,000	10,230,000
Project Certificates of Participation (MAA), Series 2004	BWI Marshall Airport Shuttle Bus Fleet	15,500,000	2,500,000
Project Certificates of Participation (MPA), Series 2006	MPA South Locust Point Warehouse Construction	26,530,000	19,225,000
Total			<u>\$ 46,470,000</u>

In addition to the conditional purchase financings, the Department has a capital lease in the amount of \$8,360,453 by virtue of an agreement with the Authority for financing the MPA Masonville Automobile Handling Facility.

All of the lease payments under these arrangements are subject to annual appropriation by the General Assembly. In the event that such appropriations are not made, the Department may not be held contractually liable for the payments.

## OTHER LONG-TERM LIABILITIES

The Department has entered into several lease agreements, similar in nature to capital leases, as lessee for the financing of various transportation related projects. Financings of this type are as follows:

<u>Projects</u>	<u>Issuance Amount</u>	<u>Bonds Outstanding as of March 31, 2015</u>	<u>Estimated Liability as of March 31, 2015</u>
Maryland Transportation Authority Taxable Consolidated Rental Car Facility, Series 2002	\$117,345,000	\$93,785,000	\$ 84,477,400
Maryland Transportation Authority Airport Parking Revenue Bonds Refunding Series 2012	190,560,000	159,860,000	138,310,780
Maryland Transportation Authority Passenger Facility Charge Revenue Bonds Series 2012A	50,905,000	47,275,000	40,371,280
Maryland Transportation Authority Passenger Facility Charge Revenue Bonds Series 2012B	92,070,000	86,610,000	72,789,900
Maryland Transportation Authority Variable Rate Passenger Facility Charge Revenue Bonds Series 2012C	43,400,000	43,400,000	16,015,705
Maryland Transportation Authority Passenger Facility Charge Revenue Bonds Series 2014	40,000,000	40,000,000	0
Total		<u>\$ 470,930,000</u>	<u>\$ 351,965,065</u>

The estimated liability of \$351,965,065 represents bonds outstanding less cash on hand in certain restricted accounts as of March 31, 2015. The revenues derived from airport parking, rental car customer facility charges and passenger facility charges are pledged to the payment of the bonds financing these projects, respectively, and no other Transportation Trust Fund revenues are pledged as security for these bonds. With the exception of excess parking revenue, none of these revenues are available for debt service on the Bonds.

## FINANCIAL AND ACCOUNTING SYSTEM

Accounting records for the Transportation Trust Fund are maintained by the Comptroller of the Treasury of the State of Maryland (the “Comptroller”) and all cash and investments of the Transportation Trust Fund are held by the State Treasurer (the “Treasurer”), except for revolving cash accounts. Accounting records for the Transportation Trust Fund for operational and management purposes are maintained by the Department’s Office of Finance. The Department’s financial statements and notes thereto for the fiscal year ended June 30, 2014, the most recent fiscal year for which financial statements and notes are available, contained in Appendix A have been prepared in conformity with generally accepted accounting principles and have been audited by the firm of SB & Company, LLC, independent certified public accountants.

Although the accounts maintained by the Department on a budgetary basis generally conform to generally accepted accounting principles, there are certain departures from these principles which are dictated by statutory requirements and historical practices. The principal departures are the exclusion of non-budgeted activities and classification of fund-type. See Note 1 of “Notes to Financial Statements,” for information concerning the significant accounting policies employed by the Department in preparing its financial statements in accordance with generally accepted accounting principles.

The Government Finance Officers Association of the United States and Canada awarded a Certificate of Achievement for Excellence in Financial Reporting to the Department for its comprehensive annual financial reports for fiscal years 2000 through 2014. In order to be awarded a Certificate of Achievement, a governmental unit must publish a comprehensive annual financial report. Such reports must satisfy both generally accepted accounting principles and applicable legal requirements.

Effective June 30, 2002, the Department implemented the reporting model required by Governmental Accounting Standards Board (“GASB”) Statement No. 34, *“Basic Financial Statements — and Management’s Discussion and Analysis — for State and Local Governments.”* These basic financial statements include Management’s Discussion and Analysis, which provides a narrative overview and analysis of the Department’s financial activities. Furthermore, they include government-wide financial statements (i.e., the statement of net assets and the statement of activities), which provide both short-term and long-term information about the Department’s financial position. The statement of activities demonstrates the degree to which the direct expenses of a given function of the Department’s activities are offset by its program revenues. Included with these statements are reconciliations between the government-wide statements, prepared on the full accrual basis, and the fund level statements prepared on the modified accrual basis. In addition, there are reconciliations between the fund level and budgetary statements. Detailed information on the reporting model is provided in the Management’s Discussion and Analysis section and in Note 1 of the “Notes to the Financial Statements.”

State law requires an audit of every unit of State government by the Legislative Auditor at least every three years as determined by the Legislative Auditor. These audits generally are of a compliance nature, do not cover an entire or a single fiscal year, and are not for purposes of reporting upon financial statements as a whole. The primary purpose of the reports is to present the Legislative Auditor’s findings relative to the fiscal management of those agencies and departments.

## LITIGATION

There is no litigation pending which in any manner will affect the validity of the Act or the Bonds.

The Department and its Administrations, officials and employees are parties to various legal proceedings before the courts, many of which occur in the normal course of the Department’s operations. These legal proceedings are not, in the opinion of the Office of the Attorney General of the State, likely to have a material adverse impact on the Department’s financial position. In addition, certain of the Administrations are party to legal proceedings before the Maryland State Board of Contract Appeals, which hears and decides bid protests and contract disputes. At any one time, one or more of these claims may exceed \$1 million. Cases such as these generally involve disputes over alleged differing site conditions, changes, delays and disruptions. These legal proceedings are not, in the opinion of the Office of the Attorney General of the State, likely to have a material adverse impact on the Department’s financial position.

## INSURANCE

The operations of the MAA, the MPA and the MTA are covered by liability insurance policies and many suits are handled by the Department's insurance carriers.

The MAA's two facilities, BWI Marshall Airport and Martin State Airport, are covered by liability insurance policies totaling \$750 million. These policies cover liability for both bodily injury and property damage.

The MPA's liability insurance policies, including excess liability policies, provide insurance up to \$150 million per occurrence for its port operations. These policies cover liability for both bodily injury and property damage.

MTA's operations are covered by a \$495 million excess liability insurance policy over and above the MTA's \$5 million self-insured retention. Bombardier and Amtrak are contractors hired to provide MTA's commuter rail service known as MARC. In addition, MTA pays a track access fee to CSX for the use of CSX's railroad tracks (MARC Brunswick Line and Camden Line) and to Amtrak for use of Amtrak's railroad tracks (MARC Penn Line).

The MTA has insurance to cover its contractual obligations for the MARC rail service as well as insurance for MTA's other modes of service (bus, light rail, commuter bus, subway and mobility). The MARC operations insurance coverage provides excess liability up to \$500 million. All other MTA operations insurance coverage provides excess liability limits up to \$200 million. This includes a shared self-insured retention of \$5 million. Claims under \$5 million are self-insured by MTA. The excess liability policies also extend punitive damages liability coverage to Bombardier, Amtrak and CSX arising from commuter rail operations for claims. All third party liability claims exceeding \$10,000 for Bombardier and \$20,000 for Amtrak must have prior approval of the MTA for payment/settlement. Workers Compensation claims by Bombardier, Amtrak or CSX are exempt from the MTA's coverage because those are the responsibility of the vendors.

The Department takes the position that the purchase of liability insurance does not act as a waiver of the tort immunity defense in all cases. Under the Maryland Tort Claims Act (the "Tort Claims Act"), the immunity of the State and its units is waived as to any tort action, in a court of the State, up to an amount not to exceed \$200,000 per single claimant for injuries arising from a single incident or occurrence. Immunity is not waived under the Tort Claims Act for punitive damages, interest before judgment, claims related to the State militia, any tortious act or omission by State personnel that is not within the scope of their public duties or is made with malice or gross negligence, or claims otherwise prohibited by law. The waiver of tort immunity by the MTA is not governed by the Tort Claims Act, but by a separate statutory provision.

## EMPLOYEE RELATIONS

As of July 1, 2014, the Department had 8,818.5 authorized employee positions.

*Labor-Management Relations.* States are exempt from the provisions of the National Labor Relations Act; thus, State employees may engage in collective bargaining only if specifically authorized. Since 1999, collective bargaining has been available to approximately 31,000 State employees. Eligible State employees are assigned to one of nine bargaining units. These bargaining units are represented by six certified exclusive bargaining representatives that are entitled to negotiate with the Governor or his designee(s) regarding wages, hours, and working conditions on behalf of bargaining unit employees. The negotiating parties execute a memorandum of understanding of not less than 1 year or more than 3 years duration that incorporates all matters of agreement reached. Matters of agreement that require legislative approval or the appropriation of funds are subject to the approval of the General Assembly. Additionally, State employees may join employee associations, and the State permits the deduction of dues from employees' salaries for these associations. Approximately 38,100 employees pay dues to 18 State employee associations, including the six certified exclusive bargaining representatives.

As of July 1, 2014, of the 3,087.5 authorized employees of the MTA, 2,453 were represented by the three separate unions. At the option of either party, any labor dispute involving the MTA and its unionized employees may be submitted to binding arbitration.



The contract with the union (OPEIU Local 2) representing 85 office employees expires June 30, 2015. The contract with the union (AFSCME Local 1859) representing 132 security personnel expires December 31, 2015. The two-year contract with the union (ATU Local 1300) representing 2,187 operations and maintenance employees expired June 30, 2014. The parties have agreed to extend the terms of their existing agreement until a new contract is reached. Negotiations on a new ATU Local 1300 contract have begun with the parties close to reaching a four-year agreement, including for the first time a provision requiring union employees to contribute to the MTA Pension Plan.

Although the State permits non-management employees of the MTA to engage in collective bargaining, these employees are not authorized to engage in any type of strike, slow-down or work action. Since the creation of the Department in 1971, there have been no work stoppages.

## **RETIREMENT PLANS**

As of June 30, 2014, 5,494 employees of the Department were members of the Maryland State Retirement and Pension System (the "System"). See "STATE GOVERNMENT — Maryland State Retirement and Pension System" for detailed information. An additional 2,763 active Department employees were members of the MTA pension plans, discussed herein.

The Department's contribution to the System for its employees is appropriated annually from the Transportation Trust Fund. The Department's contribution to the System was \$51.9 million in fiscal year 2014. The Department's budget for fiscal year 2015 is \$61.4 million. The contribution is calculated using a percentage rate applied to the projected earnings of employees. The State's Department of Budget Management informs the Department of the percentage rate to be used in each budget year. (For additional information about the System, see Appendix A, Note 15.)

As disclosed in Appendix A Note 1E, GASB has issued Statement No. 68, Accounting and Financing Reporting for Pensions, ("GASB 68") effective for fiscal years beginning after June 30, 2014. As part of GASB 68, the Department will be required to record its share of the State's net unfunded pension liability (the "NPL"). The Department's share of the NPL will be calculated by dividing the Department's contribution to the System by the total contributions to the System multiplied by the System's NPL. The State has estimated the Department's fiscal year 2015 allocation of the NPL and pension expense to be \$580,975,000 and \$16,736,000 respectively.

The MTA provides pension benefits to union employees, former union members promoted to management positions, and to management personnel who were originally employed by the Baltimore Transit Company, a predecessor to the MTA. All other management employees hired after April 30, 1970 are members of the System. The MTA pension plan (the "MTA Plan") was pay-as-you-go until January 1, 1990, when provisions for advance funding of the benefits began.

The MTA Plan provides retirement, death and disability benefits and is funded in compliance with collective bargaining agreements. Employees are vested after 5 years of service. Employee retirement benefits are based on years of service times an annual benefit multiplier of 1.4% to 1.6% of final average compensation. Generally, full service retirement benefits are based on 30 years of service or attainment of age 65.

The annual funding of the MTA Plan is based upon a report of the consulting actuary. The Department's budget for fiscal year 2014 provided \$39.8 million for the MTA Plan. The Department's budget for fiscal year 2015 provides \$35.4 million for the MTA Plan.

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The funded status of the MTA Plan, determined by the consulting actuary, as of June 30, 2014 was as follows:

**Funded Status of the MTA Plan**  
(\$ in thousands)

<u>Actuarial Valuation Date</u>	<u>Actuarial Value of Assets</u>	<u>Funded Ratio (Assets/Liab.)</u>	<u>Unfunded AAL (UAAL)</u>	<u>Covered Payroll (Active Members)</u>	<u>UAAL As a Percent of Payroll</u>
6/30/2010	\$ 162,756	38.2%	\$ 263,285	\$ 145,029	181.5%
6/30/2011	187,918	43.3	245,719	147,474	166.6
6/30/2012	200,260	44.4	251,029	152,276	164.9
6/30/2013	210,737	42.6	284,364	137,596	206.7
6/30/2014	230,072	44.6	285,255	135,545	210.5

For more detail on the MTA Plan, see [http://www.mdot.maryland.gov/Office\\_of\\_Finance/index.html](http://www.mdot.maryland.gov/Office_of_Finance/index.html)

Beginning July 1, 2005, MTA police officers were covered under the Maryland State Law Enforcement Officers' Pension System ("LEOPS"). The Department's budget for fiscal year 2015 provides \$2.8 million for LEOPS.

In addition, some airport firefighters are members of Baltimore City's Fire and Police Retirement System. The Department's budget for fiscal year 2015 provides \$815,302 for this plan.

## STATE GOVERNMENT

### Legislature

The State has a bicameral legislature, the General Assembly, composed of the Senate and the House of Delegates. Currently, the Senate consists of 47 members and the House of Delegates of 141 members. The General Assembly meets annually for a 90-day session beginning on the second Wednesday in January. This regular session may be extended by the General Assembly or the Governor, and the Governor may call special sessions; however, no extended or special session may last longer than 30 days, except for the purpose of enacting the budget.

### Executive Branch

The Executive Branch includes four officials elected by the voters on a statewide basis for four-year terms: the Governor, the Lieutenant Governor, the Comptroller and the Attorney General. The Treasurer is elected by joint ballot of the Senate and the House of Delegates for a four-year term.

The Governor is the chief executive officer of the State. The Lieutenant Governor has such duties as are delegated by the Governor. The Comptroller is required to exercise general superintendence over the fiscal affairs of the State, to prepare plans for the improvement and management of revenue and support of public credit, to keep the accounts of the State, including the Transportation Trust Fund and the special accounts therein, to prescribe the form of completing and stating such accounts and to superintend and enforce the collection of all taxes and revenues. The Attorney General is legal counsel to the Governor, the General Assembly and all departments and units of the State government except the Public Service Commission and certain authorities. The Treasurer is responsible for the custody of all deposits of State moneys, prepares all checks drawn for the disbursement of State funds, is in charge of the investment of surplus funds in the State Treasury, and administers and has custody of all securities. Among the State funds for which the Treasurer is responsible are the moneys in the Transportation Trust Fund.

### Board of Public Works

The Governor, the Comptroller and the Treasurer are the members of the Board of Public Works. A constitutional body, the Board of Public Works supervises the expenditure of all sums obtained by State loans (general obligation bond issues), and all funds appropriated for capital improvements other than roads, bridges and highways. The Board of Public Works must approve all contracts for such expenditures after review by the Department of Budget and Management or the Department of General Services.

The Board of Public Works considers, acts upon and authorizes all issues of State general obligation bonds, fixes the rate of the State property tax required to be devoted to debt service, and administers the Interagency Committee on School Construction, a State program for payments to the counties and Baltimore City for public school construction. The Board of Public Works approved the issuance of all Consolidated Transportation Bonds and approved the issuance of the Bonds on April 15, 2015.

## **Budget**

The Governor is required, by Section 52 of Article III of the Maryland Constitution, to submit annually to the General Assembly shortly after it convenes in January in regular session a balanced budget (the “Budget Bill”) containing a complete plan of proposed expenditures and estimated revenues for the ensuing fiscal year, including a plan of proposed expenditures and estimated revenues for the Department. The Budget Bill must include funds necessary to pay debt service on the Bonds (but with respect to the Bonds, only from the proceeds of pledged taxes and other revenues available for debt service on the Bonds).

The General Assembly may not amend the Budget Bill to affect payment of State debt or otherwise to change its provisions, except to increase or decrease the appropriations relating to the General Assembly or the judiciary, or to strike out or reduce other appropriations submitted by the Governor. It must, however, enact a balanced budget. The General Assembly may authorize an appropriation apart from the Budget Bill, but it may only do so by a separate supplementary appropriation bill limited to a single object or purpose and providing for or levying a specific tax or taxes in that bill sufficient to fund the appropriation.

The Department’s expenditures are made pursuant to appropriations in the annual budget, except that the Department may submit to the Governor a budget amendment and, if the Governor approves the amendment, the Department may make disbursements in accordance with the budget amendment. By budget amendment, the Department may increase or decrease the amount of the appropriation for any project or transfer funds from one project or administration to another. A budget amendment may not, however, increase the salary or salaries of any office or position, except in certain acute emergencies, or change any language or substantive provision in the budget. All amendments approved by the Governor are required to be reported by him to the next session of the General Assembly. By means of a constitutional amendment, the General Assembly is permitted to enact bills that may require the Governor to provide specific program funding in the annual budget.

## **State Demographic and Economic Data**

See Appendix B.

## **Maryland State Retirement and Pension System**

*Introduction.* The actuarial information provided in this section has been provided to the System by the System’s Actuary, Gabriel Roeder Smith & Company (“GRS”), which was retained by the Board of Trustees of the System pursuant to statute. As with all actuarial valuations and future projections, the actuarial valuations are based on actuarial assumptions that have been presented by the actuary and adopted by the Board. One or more of these assumptions may prove to be inaccurate and may be changed in the future based on the future experience of the System.

*Plan Description.* The System was established in accordance with Division II of the State Personnel and Pensions Article of the Annotated Code of Maryland to provide retirement allowances and other benefits in a defined benefit plan to State employees, teachers, police, judges, legislators and employees of participating governmental units. The System is administered by a 15-member Board of Trustees that has the authority to invest and reinvest the System’s assets. The Board of Trustees is obligated to hold the assets of the System for the exclusive purposes of providing benefits to participants and for reasonable expenses of administration.

The Board of Trustees pays all benefits and expenses of the various plans in the System from the accumulation fund<sup>3</sup> and expense fund, respectively, established for each plan. As additional security, if needed, the State is obligated to annually pay into the System at least an amount that, when combined with the System's accumulation funds, is sufficient to provide the allowances and other benefits payable under each plan during that fiscal year.

The System is made up of two cost-sharing employer pools: the "State Pool" and the "Municipal Pool." The "State Pool" consists of State agencies, boards of education, community colleges and libraries (the "State Pool"). The "Municipal Pool" consists of the participating governmental units that elect to join the System (the "Municipal Pool"). Neither pool shares in each other's actuarial liabilities. Municipal Pool participants cost-share in the liabilities of only the Municipal Pool, which receives a separate annual actuarial valuation in order to determine the funding levels and actuarial liabilities of the Municipal Pool. The Municipal Pool covers employees of over 150 political subdivisions and other entities within the State.

For actuarial valuation and funding purposes, the State Pool comprises five distinct systems: Teachers' Retirement and Pension System (the "Teachers' Combined System"), Employees' Retirement and Pension System (the "Employees' Combined System"), State Police Retirement System, Judges' Retirement System, and Law Enforcement Officers' Pension System. As of June 30, 2014, the State's membership in the System included 167,816 active members, 45,416 vested former members, and 126,558 retirees and beneficiaries. Together, the Teachers' Combined System and the Employees' Combined System account for 97.8% of membership in the State Pool. In fiscal year 2014, State retirees and beneficiaries within the State Pool received benefit payments totaling \$2.9 billion, with an average benefit of \$23,163.

*Plan Benefits Pre- and Post-Reform.* During the 2011 Legislative Session, pension reform legislation was proposed by the Governor and enacted by the General Assembly to ensure the long-term sustainability of the System's defined benefit structure and the affordability of the State's contribution in future years (the "2011 Pension Reforms").

The 2011 Pension Reforms increased employee contributions from 5% to 7% of annual earnable compensation, decreased annual cost of living adjustments on benefits earned on or after July 1, 2011 for certain participants from a 3% cap to a 2.5% cap and linked the cap to the System's achievement of assumed annual return on investments. The cap is 2.5% if the assumed annual return is met or exceeded and 1% if the assumed return is not met. For most employees who become a member of the System after July 1, 2011, the 2011 Pension Reforms establish the pension Benefit Multiplier at 1.5% rather than 1.8%, calculate Average Final Compensation based on the five highest consecutive years of service rather than three years, allow vesting after 10 years of eligible service rather than five years, and establish more stringent requirements for early and full service retirement. Similar reforms were enacted for several of the systems in the State Pool.

*Assumptions.* By law, employer contribution rates are established by annual actuarial valuations using the individual entry age normal cost method and actuarial assumptions adopted by the Board of Trustees. Assets are valued for funding purposes by recognizing investment gains and losses over a five-year period. Each year's investment gain or loss is amortized on a straight-line basis over five years. The final actuarial value of assets is limited to not more than 120% or less than 80% of the market value of assets.

At its June 2013 meeting, the System's Board of Trustees adopted a revision to the economic assumptions for the System. The Board of Trustees voted to lower the assumed rate of return to 7.55% and the price inflation assumption to 2.8%. These assumptions will be phased in over a four-year period, with the first adjustment applying to the fiscal year 2013 valuation.

Based on the Actuary's actuarial experience study for fiscal years 2006 to 2010, the Board of Trustees adopted the following demographic assumptions:

- Retirement Rates: Decrease to overall rates based on experience.
- Withdrawal Rates: Maintain the service-based rates for the first 10 years of service and age-based rates thereafter.

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<sup>3</sup> The accumulation fund consists of employer contributions, interest on System assets, and retired members' previous contributions.

- Mortality Rates: Change from the RP-2000 Mortality Tables, Combined Healthy Participant Mortality Table, with set-backs that vary by sex and system to the same table with rates multiplied by factors that vary by sex and system for healthy post-retirement mortality and disabled mortality, respectively.
- Disability Rates: Decrease current disability rates for most systems and adjust the rates between ordinary and accidental disability to reflect observed experience.

*Investments Allocations and Returns.* The target asset allocation is set by the Board of Trustees, with no legal limits imposed by the General Assembly. The actual allocation takes into account that private market investments are made gradually in order to prudently reach the target level over multiple years. Amounts not yet invested in private markets are currently allocated to public equity and fixed income.

	<b>Asset Allocation Actual Allocation as of 12/31/2014</b>	<b>Long-Term Target Allocation</b>
Public Equity	38.2%	35%
Fixed Income	13.1	10
Real Return	13.4	14
Credit/Debt Strategies	10.0	10
Absolute Return	10.0	10
Real Estate	6.9	10
Private Equity	7.6	10
Cash	<u>.8</u>	<u>1</u>
Total*	<u>100%</u>	<u>100%</u>

\* Totals may not add due to rounding.

The historical rates of return on the System's investments are (as of December 31, 2014, unaudited):

	<u>1 year</u> (a)	<u>3 year</u>	<u>5 year</u>	<u>10 year</u>	<u>20 year</u>	<u>25 year</u>
Annualized Returns (gross of fees) (a)	5.97%	10.42%	8.70%	5.78%	7.33%	7.60%

(a) The difference between gross and net of fees over one year is 27 basis points.

The System's rate of return on its investment portfolio was 14.37% for the fiscal year ending June 30, 2014.

*Funding Policies.* The employer contribution rate for the Law Enforcement Officers' Pension System, State Police Retirement System, and the Judges' Retirement System is equal to the sum of the normal contribution and the accrued liability contribution. Prior to July 1, 2013, the State's employer contribution to the Teachers' Combined System and Employees' Combined System was determined by the System's actuary under a modified corridor funding method. This method effectively maintained the contribution rate in effect for the Teachers' Combined System and Employees' Combined System during the preceding fiscal year (as adjusted for any legislative changes in the benefit structure) as long as such plans remain between 90 percent and 110 percent funded. If either plan fell below 90 percent funded (i.e., below the corridor), then the contribution rate in effect for the subsequent fiscal year would be the rate in effect for the preceding fiscal year plus 20 percent of the difference between the current fiscal year full funding rate and the prior fiscal year contribution rate. Conversely, if either system exceeded 110 percent funded (i.e., above the corridor), then the contribution rate in effect for the subsequent fiscal year would be the rate in effect for the preceding fiscal year minus 20 percent of the difference between the current fiscal year full funding rate and the prior fiscal year contribution rate.

In the 2013 Legislative Session, the General Assembly enacted legislation to phase out the modified corridor funding method for the Teachers' Combined System and Employees' Combined System over 10 years, and change the System's amortization policy so that unfunded pension liabilities will be amortized over a 25-year closed period.

The legislation requires that the annual employer contribution rate be calculated using a blended rate that is based on the prior year's contribution rate and the actuarially determined funding rate for the upcoming year. In year one, the annual employer contribution rate would be the sum of the prior year's contribution rate multiplied by 28% and the actuarially determined funding rate multiplied by 72%. In each subsequent year the percentage weight applied to the actuarially determined funding rate is increased and the percentage weight applied to the prior year's rate is decreased until year 10 when the annual employer contribution rate will equal the actuarially determined contribution rate. The legislation was effective on July 1, 2013 and is reflected in the System's fiscal year 2014 valuation, which determined the employer contribution rates for fiscal year 2016.

The 2011 Pension Reforms also provided that the State's contributions to each system shall include an additional amount reflecting the difference between the State's required contribution under the corridor funding method for that fiscal year and the amount that would have been required had the 2011 Pension Reforms not been enacted ("supplemental contribution"). For fiscal year 2013, State additional contributions to the System were reduced by \$120.0 million and the amount of the supplemental contribution made to the System was \$190.8 million. Beginning in fiscal year 2014, a supplemental contribution representing the savings from the 2011 Pension Reforms, in the amount of \$300.0 million, was to be made annually to the Teachers' Combined System, Employees' Combined System, State Police Retirement System, and Law Enforcement Officers' Pension System. However, during the recent 2014 legislative session, the General Assembly approved budget legislation that reduced the State's supplemental contribution to the System from \$300 million to \$100 million for fiscal 2014 and 2015; the supplemental contribution then increases by \$50 million each fiscal year until it reaches \$300 million in fiscal 2019. The supplemental contribution terminates when the phase-out of the corridor funding method is complete and the system is at least 85% funded. The System's actuary has projected that this new supplemental contribution policy targets the System reaching 80% funding in fiscal year 2021.

**Projected Impact of 2011 Pension Reforms,  
Actuarial Assumption Changes, 2013 Funding  
Policy Reforms, and 2014 Supplemental Funding  
Policy on Funded Ratios of State Pool**

<b>Valuation Fiscal Year</b>	<b>Based on 6/30/2011 Valuation<sup>(a)</sup></b>	<b>Based on 6/30/2014 Valuation<sup>(b)</sup></b>
2013	63.7%	64.6%
2017	74.4	74.4
2021	81.3	80.5
2023	85.2	82.9
2025	89.8	85.3
2027	94.1	87.3
2030	101.9	90.0
2031	107.9	90.9
2037	123.4	97.6
2039	NA	100.0

(a) Based on previous corridor funding policy for the Teachers' Combined System and Employees' Combined System.

(b) Reflects the 2013 legislative action to phase out the modified corridor policy, as well as the 2014 legislative action to alter the supplemental contribution policy established by the 2011 pension reforms (see above for description of 2013 and 2014 legislative actions).

*Employer Contribution.* In fiscal year 2014, utilizing the modified corridor funding method described above for the Teachers' and Employees' Pension plans, the State paid \$1,592.4 million of the employer annual required contribution ("ARC") of \$2,179.7 million, or 73.1% of the actuarial required payment. Approximately \$1,164.1 million was paid from the General Fund and this represented 7.5% of fiscal year 2014 general fund expenditures. In the First Special Session of 2012, the General Assembly enacted legislation that requires local school boards to pay a portion of the fiscal year 2013 actuarially determined normal cost of local teachers' retirement. For the next three fiscal years, the payment increases until fiscal year 2016 when the local school boards will pay 100% of the fiscal year 2013 normal cost. Beginning in fiscal year 2017, the local school boards will pay 100% of the local teachers'

normal cost as determined by the most recent valuation of the System. County governments are required to increase education funding by the additional pension costs during the phase in period.

The Department of Budget and Management estimates that the general fund portion of the employer contribution represents 7.6% of the fiscal year 2015 general fund budget. This percentage is anticipated to maintain at 7.6% in fiscal year 2016, and is then projected to decline in the out-years through fiscal year 2019 when it is projected to reach 6.2%. The following table presents estimates of the employer contribution relative to the general fund budget in fiscal years 2015 through 2019. These projections reflect the sharing of local teachers' retirement costs with county governments as discussed above. The projections also reflect the changes to the State's funding policy made during the 2013 Legislative Session (phasing out the corridor funding method over a 10-year period and changing the System's amortization policy affecting the fiscal year 2013 valuation and the fiscal year 2015 budget) as described in "Funding Policies". They reflect changes to the State's supplemental contribution made during the 2014 Legislative Session which lowered that amount to \$100 million in fiscal year 2014 and fiscal year 2015 and raises it by \$50 million increments starting in fiscal year 2016 until it reached \$300 million in fiscal year 2019. Finally, they reflect further changes made to the State's funding policy during the 2015 Legislative Session which fully phase out the corridor funding method as of FY 2017, but reduce the supplemental contribution to \$75 million annually until the system reaches 85% funded. An additional supplemental contribution is required from fiscal 2017 through 2020, equaling one-half of any unappropriated general fund balance in excess of \$10.0 million be paid to the pension fund, up to a maximum of \$50 million annually.

As with all future projections, the data in the following table are based on certain assumptions. One or more of these assumptions may prove to be inaccurate and may be changed in the future based on future experience.

**Projected Employer Contributions as a  
Percent of the General Fund Budget**

<u>Fiscal Year</u>	<u>Employer Contributions</u>		<u>Total*</u>
	<u>State Employees</u>	<u>Local Teachers</u>	
2015	2.6%	5.0%	7.6%
2016	2.8	4.8	7.6
2017	2.7	4.3	7.0
2018	2.6	4.1	6.6
2019	2.4	3.7	6.2

\* Due to data on general fund budget projections being unavailable for fiscal years 2017 through 2019, anticipated retirement expenditures were divided by projected general fund revenues to generate the percentage for those years. Totals may not add due to rounding.

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*Funded Status.* As reported in the System’s annual Actuarial Valuation Report, the funded status of each plan in the “State Pool” as of June 30, 2014 was as follows:

**Funded Status of the Plans within the “State Pool” Portion of the  
Maryland State Retirement and Pension System  
(\$ in thousands)  
As of June 30, 2014**

<b><u>Plan</u></b>	<b><u>Actuarial Accrued Liability (AAL)</u></b>	<b><u>Actuarial Value of Assets</u></b>	<b><u>Funded Ratio (Assets/Liab.)</u></b>	<b><u>Unfunded AAL (UAAL)</u></b>	<b><u>Covered Payroll (Active Members) (a)</u></b>	<b><u>UAAL as a Percent of Payroll % (a)</u></b>
Teachers’ Retirement and Pension System.....	\$36,882,587	\$26,067,577	70.7%	\$10,815,010	\$6,310,253	171.4%
Employees’ Retirement and Pension System.....	17,823,007	11,039,950	61.9	6,783,057	3,177,701	213.5
State Police Retirement System .....	1,966,572	1,241,758	63.1	724,814	85,660	846.2
Judges’ Retirement System....	459,447	389,072	84.7	70,375	42,313	166.3
Law Enforcement Officers’ Pension System.....	<u>895,689</u>	<u>538,907</u>	60.2	<u>356,782</u>	<u>93,027</u>	383.5
Total of All Plans *.....	<u>\$58,027,303</u>	<u>\$39,277,265</u>	67.7%	<u>\$18,750,038</u>	<u>\$9,708,955</u>	193.1%

(a) The Covered Payroll and UAAL as a Percentage of Payroll results reported in the System’s Actuarial Valuation Report were calculated using actual payroll data and differ slightly from the calculations shown in the State’s Financial Statements which were calculated using projected payroll rather than actual payroll data.

\* Totals may not add due to rounding.

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The following table presents information regarding the unfunded actuarial accrued liability of the System, including both the State Pool and the Municipal Pool for the years 2005 to 2014 as of June 30 valuation dates, derived from a report by the System's independent actuary.

**Historical Funding Progress**  
**Maryland State Retirement and Pension System (a)**  
**Actuarial Value of Assets**  
(\$ in thousands)

<b>Valuation Date June 30</b>	<b>Actuarial Accrued Liability(AAL)</b>	<b>Actuarial Value Of Assets</b>	<b>Funded Ratio (Assets/Liab.)</b>	<b>Unfunded AAL (UAAL)</b>	<b>Covered Payroll (Active Members)</b>	<b>UAAL as a Percent of Payroll%</b>
2005 .....	39,133,450	34,519,500	88.2	4,613,950	8,603,761	53.6
2006 .....	43,243,492	35,795,025	82.8	7,448,467	9,287,576	80.2
2007(b) .....	47,144,354	37,886,936	80.4	9,257,418	9,971,012	92.8
2008 .....	50,244,047	39,504,284	78.6	10,739,763	10,542,806	101.9
2009(c).....	52,729,171	34,284,569	65.0	18,444,603	10,714,241	172.2
2010 .....	54,085,081	34,688,346	64.1	19,396,735	10,657,944	182.0
2011 .....	55,917,543	36,177,656	64.7	19,739,887	10,478,800	188.4
2012.....	57,869,145	37,248,401	64.4	20,620,745	10,336,537	199.5
2013.....	60,060,091	39,350,970	65.5	20,709,122	10,477,544	197.6
2014.....	62,610,193	42,996,957	68.7	19,613,237	10,803,632	181.5

- (a) Includes both the State Pool and the Municipal Pool accrued liabilities.
- (b) Beginning July 1, 2006, the System changed its funding method from the Aggregate Entry Age Normal method to the Individual Entry Age Normal method.
- (c) The Actuary's revaluation of the State's fiscal year 2009 contribution resulted in a recommended increase of \$87.7 million. Due to timing of the recommendation, however, this amount was not included in the fiscal year 2009 Budget. It was included in the June 30, 2009 valuation and began to be amortized as a portion of the UAAL on July 1, 2010.

The following table presents information regarding the Asset Market Values of the System, including both the State Pool and the Municipal Pool for the years 2005 to 2014 as of June 30 valuation dates, derived from a report by the System's independent actuary.

**Historical Market Value of Assets**  
**Maryland State Retirement and Pension System (a)**  
(\$ in thousands)

<b>Valuation Date, June 30</b>	<b>Market Value of Assets</b>	<b>Valuation Date, June 30</b>	<b>Market Value of Assets</b>
2005	\$32,073,719	2010	\$31,923,637
2006	34,370,819	2011	37,592,752
2007	39,444,781	2012	37,178,726
2008	36,613,710	2013	40,363,217
2009	28,570,474	2014	45,363,217

- (a) Includes both the State Pool and the Municipal Pool.

For a more detailed discussion of the System, see APPENDIX A, Note 15 to the Financial Statements and Required Supplementary Information. A copy of the System's Actuarial Valuation Report as of June 30, 2014 may be obtained by sending an e-mail request to Michael Golden, Director of External Affairs for the Maryland State Retirement Agency, at [mgolden@sra.state.md.us](mailto:mgolden@sra.state.md.us).

## **Other Post-Employment Benefits (“OPEB”)**

*State Employees’ Health Insurance Program.* Retired State employees and their eligible dependents meeting certain qualifications may participate, on a subsidized basis, in the State Employee and Retiree Health and Welfare Benefits Program (the “Program”). As of June 30, 2014, the Program membership included 79,043 active employees, 3,467 vested former employees and 66,655 retirees and beneficiaries. The Program assesses a charge to retirees for post-employment health care benefits that is based on health care insurance charges for active employees. For the nine months ended March 31, 2015 retiree program members contributed \$54.4 million and the State contributed \$327.4 million for retiree health care benefits.

The State adopted GASB Statement No. 45, “*Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*” (“GASB 45”), which addresses how state and local governments should account for and report costs and obligations related to post-employment health care and other post-employment non-pension benefits (“OPEB”). GASB 45 generally requires that the annual cost of OPEB and the related obligations and commitments be accounted for and reported in essentially the same manner as pensions. Annual OPEB costs typically will be based on actuarially determined amounts that, if paid on an ongoing basis, would provide sufficient resources to pay benefits as they come due. The provisions of GASB 45 do not require governments to fund their OPEB plans. GASB 45 establishes accounting standards including disclosure requirements for the post-employment plans, the funding policies, the actuarial valuation processes and assumptions, and the extent to which the plans have been funded over time.

The State’s annual OPEB cost (expense) is calculated based on the annual required contribution (“ARC”) of the employer, an amount actuarially determined in accordance with the parameters of GASB 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities over a period not to exceed 30 years.

*2011 Employee and Retiree Health Benefits Reforms.* The 2012 Budget implemented changes to employee and retiree prescription drug and health benefits (the “2011 Health Benefit Reforms”) that decreased the State’s projection of OPEB liability from \$15.9 billion to \$9.2 billion, and decreased the corresponding State projection of ARC from \$1.22 billion to \$704.4 million. The 2011 Health Benefit Reforms increased employee and retiree prescription drug copayments and increased retiree premium payments and out of pocket maximums. For new employees hired after June 30, 2011, 10 years of service rather than 5 years will be required for eligibility for retiree health benefits, and 25 years of service rather than 16 years will be required in order to receive a full State subsidy. Retirees will be required to enroll in Medicare Part D effective July 1, 2020, after the Part D “coverage gap” is phased out.

*OPEB Projections.* As of June 30, 2014, the actuary’s projected actuarial accrued liability for benefits was \$9.0 billion, and the actuarial value of assets was \$250.1 million, resulting in a projected unfunded actuarial accrued liability (“UAAL”) of \$8.7 billion. The discount rate used was an unblended pay-go rate of 4.4%. The ratio of the actuarial value of assets to the actuarial accrued liability was 2.8%. The annual payroll of active employees covered (the “Covered Payroll”) under the Program was \$4.8 billion, and the ratio of the UAAL to the Covered Payroll was 181.4%.

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The following table from the Actuarial Valuation Report as of July 1, 2014, prepared by the State's actuary, shows the components of the State's annual OPEB cost, the contribution to the Program and the State's net OPEB obligation for the fiscal years 2014 and as projected for fiscal year 2015:

**State Employee and Retiree Health and Welfare Benefits Program  
Annual OPEB Cost and Net OPEB Obligation  
Fiscal Years 2014 and 2015  
Projections as of July 1, 2014  
(\$ in millions)**

	<u>2014</u>	<u>2015</u> <u>Projected</u>
Annual Required Contribution (ARC)	\$576.1	\$574.4
ARC adjustment	(156.5)	(157.4)
Interest on Net OPEB Obligation	<u>160.9</u>	<u>191.4</u>
Total Annual OPEB Cost (AOC)	580.5	608.4
Less: Contributions made	<u>(402.8)</u>	<u>(393.9)</u>
Increase in net OPEB obligation	177.7	214.5
Net OPEB obligation - beginning of year	<u>3,787.0</u>	<u>3,964.7</u>
Net OPEB obligation - end of year	<u>\$3,964.7</u>	<u>\$4,179.2</u>
Percentage of annual OPEB cost contributed	69.4%	64.7%

The State's General Fund has historically contributed approximately 60% of the annual pay-as-you-go costs of OPEB, with special and federal funds contributing the balance. Chapter 355 of the 2007 Laws of Maryland created the Postretirement Health Benefits Trust Fund (the "Health Benefits Trust Fund") as an irrevocable trust. Funds of the Health Benefits Trust Fund will be used to assist in financing the State's post-retirement health insurance subsidy. For the nine months ended March 31, 2015, the State did not allocate any funds to the Health Benefits Trust Fund. The net assets held in trust for post-retirement health benefits as of June 30, 2014 and March 31, 2015 were \$271.6 million and \$275.1 million, respectively. This balance also reflects the activity for investment earnings and administrative expenses during the periods.

*Maryland Transit Administration.* The MTA provides a retiree health care benefits plan (the "MTA OPEB") to all employees who are members of the MTA pension plan, except for transfers from union to management positions who are required to enroll in the State Employee and Retiree Health and Welfare benefits program described above. The annual funding of the MTA OPEB is based upon a report of the consulting actuary. The MTA OPEB is an unfunded pay-as-you-go plan.

As of June 30, 2014, the actuarial liability for benefits was \$704.6 million, and the actuarial value of assets was \$0, resulting in UAAL of \$704.6 million, based upon a biennial study by the consulting contractor. The discount was a blended rate of 4.25%. The ratio of the actuarial value of assets to the actuarial accrued liability was 0%. The Covered Payroll under the MTA OPEB was \$137.6 million, and the ratio of the UAAL to the Covered Payroll was 512%.

MTA's annual OPEB cost is calculated based on the annual required contribution of the employer, an amount actuarially determined in accordance with GASB 45. The following table shows the components of MTA's annual OPEB cost, the amount actually contributed and MTA's net OPEB obligation as of June 30, 2014.

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**Maryland Transit Administration Pension Plan OPEB  
Annual OPEB Cost and Net OPEB Obligation  
Fiscal Year 2014  
(\$ in millions)**

Annual Required Contribution (ARC)	\$70.5
ARC adjustment	(15.5)
Interest on Net OPEB Obligation	<u>9.4</u>
Total Annual OPEB Cost (AOC)	64.4
Less: Contributions made	<u>(18.4)</u>
Increase in net OPEB obligation	46.1
Net OPEB obligation - beginning of year	<u>221.0</u>
Net OPEB obligation - end of year	<u>\$267.1</u>
Percentage of annual OPEB cost contributed	28.5%

Note: Numbers may not add due to rounding

MTA OPEB Annual Cost and Net Obligation information is located in the Department's Consolidated Annual Financial Report in Note 14 to the Financial Statements.

**FINANCIAL ADVISORS**

Public Financial Management, Inc., Orlando, Florida, has been retained as Financial Advisor to the Department in connection with the sale of the Bonds and other matters pertinent thereto. Public Financial Management, Inc. is a financial advisory and consulting organization and is not engaged in the business of underwriting, marketing, or trading municipal securities or any other negotiable instrument.

Strategic Solutions Center, LLC of Landover, Maryland is also serving as a financial advisor in connection with the sale and delivery of the Bonds.

**INVESTMENT ADVISOR**

Public Resources Advisory Group of New York, New York, is serving as bidding agent to the Department for the purchase, with the proceeds of the Refunding Bonds, of Federal Securities that will be held by the Escrow Deposit Agent in an Escrow Deposit Fund.

**REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS**

The General Purpose Financial Statements of the Department for the year ended June 30, 2014, included in Appendix A of this Official Statement, have been audited by SB & Company, LLC, independent certified public accountants, whose report is included therein.

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## TAX MATTERS

### **Maryland Income Taxation**

In the opinion of Bond Counsel, the Bonds, their transfer, the interest payable on them, and any income derived from them, including any profit realized in their sale and exchange, shall be exempt at all times from every kind and nature of taxation by the State of Maryland or by any of its political subdivisions, municipal corporations or public agencies of any kind of the State of Maryland. No opinion is expressed as to estate or inheritance taxes, or any other taxes not levied or assessed directly on the Bonds, their transfer or the interest thereon.

Interest on the Bonds may be subject to state or local income taxes in jurisdictions other than the State of Maryland under applicable state or local tax laws. Holders or prospective purchasers of the Bonds should consult their own tax advisors with respect to the taxable status of the Bonds in particular state or local jurisdictions other than the State of Maryland.

### **Federal Income Taxation**

In the opinion of Bond Counsel, assuming compliance with certain covenants described herein, interest on the Bonds will be excludable from gross income for federal income tax purposes under existing statutes, regulations, and decisions.

Under the provisions of the Code, there are certain restrictions that must be met subsequent to the delivery of the Bonds in order for interest on the Bonds to remain excludable from gross income for federal income tax purposes, including restrictions that must be complied with throughout the term of the Bonds. These include the following: (i) a requirement that certain earnings received from the investment of the proceeds of the Bonds be rebated to the United States of America under certain circumstances (or that certain payments in lieu of rebate be made); (ii) other requirements applicable to the investment of the proceeds of the Bonds; and (iii) other requirements applicable to the use of the proceeds of the Bonds and the facilities financed and refinanced with proceeds of the Bonds. Failure to comply with one or more of these requirements could result in the inclusion of the interest payable on the Bonds in gross income for federal income tax purposes, effective from the date of their issuance. The Department has made certain covenants regarding actions required to maintain the excludability of interest on the Bonds from gross income for federal income tax purposes. It is the opinion of Bond Counsel that, assuming compliance with such covenants, the interest on the Bonds will remain excludable from gross income for federal income tax purposes under the provisions of the Code.

Further, under existing statutes, regulations and decisions, Bond Counsel is of the opinion that interest on the Bonds is not includable in the alternative minimum taxable income of individuals, corporations, or other taxpayers as an enumerated item of tax preference or other specific adjustment. However, for purposes of calculating the corporate alternative minimum tax, a corporation subject to such tax may be required to increase its alternative minimum taxable income by 75% of the amount by which its "adjusted current earnings" exceed its alternative minimum taxable income (computed without regard to this current earnings adjustment and the alternative tax net operating loss deduction). For such purposes, "adjusted current earnings" could include, among other items, interest income from the Bonds. In addition, interest income on the Bonds will be subject to the branch profits tax imposed by the Code on foreign corporations engaged in a trade or business in the United States.

In rendering its opinion, Bond Counsel will rely without independent investigation on the representations of certain officials of the Department made on behalf of the Department in its Tax and Section 148 Certificate with respect to certain material facts within the knowledge of the Department relevant to the tax-exempt status of interest on the Bonds.

### ***Tax Accounting Treatment of the Bonds Constituting Discount Bonds***

Certain maturities of the Bonds may be issued at an initial issue price which is less than the amount payable on such Bonds at maturity (the "Discount Bonds"). The difference between the initial issue price (including accrued interest) at which a substantial amount of the Discount Bonds of each maturity was first sold and the principal amount of such Discount Bonds payable at maturity constitutes original issue discount. In the case of any holder of

Discount Bonds, the amount of such original issue discount which is treated as having accrued with respect to such Discount Bonds is added to the original cost basis of the holder in determining, for federal income tax purposes, gain or loss upon disposition (including sale, early redemption or purchase or repayment at maturity). For federal income tax purposes (i) any holder of a Discount Bond will recognize gain or loss upon the disposition of such security (including sale, early redemption or purchase or payment at maturity) in an amount equal to the difference between (a) the amount received upon such disposition and (b) the sum of (1) the holder's original cost basis in such Discount Bond, and (2) the amount of original issue discount attributable to the period during which the holder held such Discount Bond, and (ii) the amount of the basis adjustment described in clause (i)(b)(2) will not be included in the gross income of the holder.

Original issue discount on Discount Bonds will be attributed to permissible compounding periods during the life of any Discount Bonds in accordance with a constant rate of interest accrual method. The yield to maturity of the Discount Bonds of each maturity is determined using permissible compounding periods. In general, the length of a permissible compounding period cannot exceed the length of the interval between debt service payments on the Discount Bonds and must begin or end on the date of such payments. Such yield then is used to determine an amount of accrued interest for each permissible compounding period. For this purpose, interest is treated as compounding periodically at the end of each applicable compounding period. The amount of original issue discount which is treated as having accrued in respect of a Discount Bond for any particular compounding period is equal to the excess of (i) the product of (a) the yield for the Discount Bond (adjusted as necessary for an initial short period) divided by the number of compounding periods in a year multiplied by (b) the amount that would be the tax basis of such Discount Bond at the beginning of such period if held by an original purchaser who purchased at the initial public offering price, over (ii) the amount actually payable as interest on such Discount Bond during such period. For purposes of the preceding sentence, the tax basis of a Discount Bond, if held by an original purchaser, can be determined by adding to the initial issue price of such Discount Bond the original issue discount that is treated as having accrued during all prior compounding periods. If a Discount Bond is sold or otherwise disposed of between compounding dates, then interest which would have accrued for that compounding period for federal income tax purposes is to be apportioned in equal amounts among the days in such compounding period.

Holders of Discount Bonds should note that, under federal tax regulations, the yield and maturity of a Discount Bond are determined without regard to commercially reasonable sinking fund payments and any original issue discount remaining unaccrued at the time that a Discount Bond is redeemed or purchased in advance of stated maturity will be treated as taxable gain. Moreover, tax regulations prescribe special conventions for determining the yield and maturity of certain debt instruments that provide for alternative payment schedules applicable upon the occurrence of certain contingencies.

The yields (and related prices) provided by the successful bidder for the Bonds and shown on the inside cover of this Official Statement may not reflect the initial issue prices for purposes of determining the original issue discount for federal income tax purposes.

The foregoing summarizes certain federal income tax consequences of original issue discount with respect to the Discount Bonds but does not purport to deal with all aspects of federal income taxation that may be relevant to particular investors or circumstances, including those set out above. Prospective purchasers of Discount Bonds should consider possible state and local income, excise or franchise tax consequences arising from original issue discount on Discount Bonds. In addition, prospective corporate purchasers should consider possible federal tax consequences arising from original issue discount on such Discount Bonds under the branch profits tax. The amount of original issue discount considered to have accrued may be reportable in the year of accrual for state and local tax purposes or for purposes of the branch profits tax without a corresponding receipt of cash with which to pay any tax liability attributable to such discount. Purchasers with questions concerning the detailed tax consequences of transactions in the Discount Bonds should consult their tax advisors.

#### ***Purchase, Sale and Retirement of the Bonds***

Except as noted below in the case of market discount, the sale or other disposition of a Bond will normally result in capital gain or loss to its holder. A holder's initial tax basis in a Bond will be its cost.

Upon the sale or retirement of a Bond, for federal income tax purposes a holder will recognize capital gain or loss upon the disposition of such security (including sale, early redemption or purchase or payment at maturity) in an

amount equal to the difference between (a) the amount received upon such disposition and (b) the tax basis in such Bond, determined by adding to the original cost basis in such Bond the amount of original issue discount that is treated as having accrued as described above under “Tax Accounting Treatment of Bonds Constituting Discount Bonds.” Such gain or loss will be long-term capital gain or loss if at the time of the sale or retirement the Bond has been held for more than one year. Present law taxes both long and short-term capital gains of corporations at the rates applicable to ordinary income. For non-corporate taxpayers, however, short-term capital gains are taxed at rates applicable to ordinary income while net capital gains will be taxed at lower rates. Net capital gains are the excess of net long-term capital gains (gains on capital assets held for more than one year) over net short-term capital losses.

### ***Market Discount***

If a holder acquires a Bond after its original issuance at a discount from its principal amount (or in the case of a Bond issued at an original issue discount, at a price that produces a yield to maturity higher than the yield to maturity at which such Bond was first issued), the holder will be deemed to have acquired the Bond at “market discount,” unless the amount of market discount is de minimis, as described in the following paragraph. If a holder that acquires a Bond with market discount subsequently realizes a gain upon the disposition of the Bond, such gain shall be treated as taxable ordinary interest income to the extent such gain does not exceed the accrued market discount attributable to the period during which the holder held such Bond, and any gain realized in excess of such market discount will be treated as capital gain. Potential purchasers should consult their tax advisors as to the proper method of accruing market discount.

In the case of a Bond not issued at an original issue discount, market discount will be de minimis if the excess of such Bond’s stated redemption or purchase price at maturity over the holder’s cost of acquiring such Bond is less than 0.25% of the stated redemption or purchase price at maturity multiplied by the number of complete years between the date the holder acquires such Bond and its stated maturity date. In the case of a Bond issued with original issue discount, market discount will be de minimis if the excess of such Bond’s revised issue price over the holder’s cost of acquiring such Bond is less than 0.25% of the revised issue price multiplied by the number of complete years between the date the holder acquires such Bond and its stated maturity date. For this purpose, a Bond’s “revised issue price” is the sum of (i) its original issue price and (ii) the aggregate amount of original issue discount that is treated as having accrued with respect to such Bond during the period between its original issue date and the date of acquisition by the holder.

### ***Amortizable Bond Premium***

A Bond will be considered to have been issued at a premium if, and to the extent that, the holder’s tax basis in such Bond exceeds the amount payable at maturity (or, in the case of a Bond callable prior to maturity, the amount payable on the earlier call date). Under tax regulations applicable to the Bond, the amount of the premium will be determined with reference to the amount payable on that call date (including for this purpose the maturity date) which produces the lowest yield to maturity on the Bonds. The holder will be required to reduce such holder’s tax basis in the Bond for purposes of determining gain or loss upon disposition of the Bond by the amount of amortizable bond premium that accrues (determined in the manner prescribed in the tax regulations) during the period of ownership for such holder. Generally, no deduction (or other tax benefit) is allowable in respect of any amount of amortizable bond premium on the Bonds.

### ***Additional Federal Income Tax Considerations***

There are other federal income tax consequences of ownership of obligations such as the Bonds under certain circumstances, including the following: (i) deductions are disallowed for certain expenses of taxpayers allocable to interest on tax-exempt obligations, as well as interest on indebtedness incurred or continued to purchase or carry tax-exempt obligations and interest expense of financial institutions allocable to tax-exempt interest; (ii) for property and casualty insurance companies, the amount of the deduction for losses incurred must be reduced by 15% of the sum of tax-exempt interest received or accrued and the deductible portion of dividends received by such companies; (iii) interest income which is exempt from tax must be taken into account for the purpose of determining whether, and what amount of, social security or railroad retirement benefits are includable in gross income for federal income taxation purposes; (iv) for S corporations having Subchapter C earnings and profits, the receipt of certain levels of passive investment income, including interest on tax-exempt obligations such as the Bonds, can result in the

imposition of tax on such passive investment income and, in some cases, loss of S corporation status; and (v) net gain realized upon the sale or other disposition of the Bonds must be taken into account when computing the 3.8% Medicare tax with respect to investment income imposed on certain higher income individuals and specified trusts and estates.

The foregoing is only a general summary of certain provisions of the Code as enacted and in effect on the date hereof and does not purport to be complete; holders of the Bonds should consult their own tax advisors as to the effects, if any, of the Code (and any proposed or subsequently enacted amendments to the Code) in their particular circumstances.

### **Legislative Developments**

Legislative proposals currently under consideration or proposed after issuance and delivery of the Bonds could adversely affect the market value of the Bonds. Further, if enacted into law, any such proposal could cause the interest on the Bonds to be subject, directly or indirectly, to federal income taxation and could otherwise alter or amend one or more of the provisions of federal tax law described above or their consequences. Prospective purchasers of the Bonds should consult with their tax advisors as to the status and potential effect of pending proposed legislative proposals, as to which Bond Counsel expresses no opinion.

See Appendix C hereto for the proposed Form of Opinion of Bond Counsel.

### **CONTINUING DISCLOSURE**

In order to enable the successful bidder for the Bonds to comply with the requirements of paragraph (b) (5) of the United States Securities and Exchange Commission Rule 15c2-12 (“Rule 15c2-12”), the Department will execute and deliver, on or before the date of issuance and delivery of the Bonds, a Continuing Disclosure Agreement, the form of which is attached as Appendix D. Potential purchasers should note that certain of the 14 events listed in Section 4 of the Continuing Disclosure Agreement have been included for purposes of compliance with the Rule but are not relevant for the Bonds, specifically those events relating to debt service reserves, credit enhancements and liquidity providers, and property or other collateral.

The Department believes it has complied in all material respects with its obligations under its previous continuing disclosure undertakings pursuant to Rule 15c2-12 during the last five years.

### **LEGAL MATTERS**

The validity of the issuance of the Bonds will be passed upon, and is subject to the unqualified approving opinion of McKennon Shelton & Henn LLP, Baltimore, Maryland, Bond Counsel. The text of the approving opinion in its proposed form is attached hereto as Appendix C. Certain legal matters will be passed upon for the Department by the Office of the Attorney General of the State.

DEPARTMENT OF TRANSPORTATION OF MARYLAND

By order of

Pete K. Rahn  
*Secretary of Transportation*



**APPENDIX A**

**AUDITED FINANCIAL STATEMENTS**



(Cover and pages 1, 2 and 4 through 20 not included)

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**A Department of the STATE OF MARYLAND**  
**Comprehensive Annual Financial Report**  
**For the Year Ended June 30, 2014**

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## **REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS**

Mr. James T. Smith, Jr., Secretary  
Maryland Department of Transportation

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities, the major fund, and the aggregate remaining fund information of the Maryland Department of Transportation (the Department), as of and for the year ended June 30, 2014, and the related notes to the financial statements, which collectively comprise the Department's basic financial statements as listed in the table of contents.

### **Management's Responsibility for the Financial Statements**

The Department's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### ***Opinions***

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the major fund, and the aggregate remaining fund information of the Department, as of June 30, 2014, and the respective changes in financial position for the year then ended in accordance with its accounting principles generally accepted in the United States of America.



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### *Other Matters*

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, schedules of funding progress and employer contributions of the Maryland Transit Administration Other Post-employment Benefit Plan, and the special revenue funds schedule of revenue, expenditures and changes in fund balance – budget and actual, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### *Supplementary and Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Department's basic financial statements. The statement of changes in assets and liabilities – agency funds, introductory section and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The statement of changes in assets and liabilities – agency funds is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the statement of changes in assets and liabilities – agency funds is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory section and statistical section has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Hunt Valley, Maryland  
November 17, 2014

# MARYLAND DEPARTMENT OF TRANSPORTATION

## Management's Discussion and Analysis

As management of the Maryland Department of Transportation (Department), we offer the citizens of Maryland and others interested in the Department's financial statements this narrative overview and analysis of the financial activities of the Department **for the fiscal year ended June 30, 2014**. We encourage readers to consider the information presented here in conjunction with additional information that we have furnished in our letter of transmittal, which can be found on page 7 of this report.

### Financial Highlights

- The assets of the Department exceeded its liabilities at the close of the most recent fiscal year by \$13,700,178,000 (net position). Of this amount, \$363,200,000 represents the unrestricted deficit primarily due to the reporting of unfunded pension and OPEB liability.
- The Department's governmental funds reported a combined ending fund balance, as of the close of the current fiscal year, of \$367,470,000, an increase of \$58,681,000 in comparison with the prior fiscal year.
- The Department's Consolidated Transportation Bonds debt outstanding increased by \$194,380,000 (12.0%) during the current fiscal year. The key factors in this increase were bond issuances of \$325,000,000, while the Department continued to make its regularly scheduled debt service principal payments during the year which totaled \$130,620,000.

### Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Department's basic financial statements. The Department's basic financial statements are comprised of three components: (1) *government-wide financial statements*, (2) *fund financial statements*, and (3) *notes to the financial statements*. This report also contains other supplementary information in addition to the basic financial statements themselves.

#### **Government-wide financial statements**

The government-wide financial statements are designed to provide readers with a broad overview of the Department's finances, in a manner similar to a private-sector business. The Statement of Net Position presents information on all of the Department's assets and liabilities, with the difference between the two reported as net position. Over time, increases and decreases in net position may serve as one of several useful indicators of the Department's financial position. The Statement of Activities presents information showing how the Department's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes and earned but unused vacation leave).

Both of the government-wide financial statements distinguish functions of the Department that are principally supported by taxes and intergovernmental revenues (governmental activities) from other functions. The governmental activities of the Department include the Secretary's Office, the State Highway Administration (SHA), the Maryland Port Administration (MPA), the Motor Vehicle Administration (MVA), the Maryland Transit Administration (MTA), the

Maryland Aviation Administration (MAA), Washington Metropolitan Area Transit Authority Grants (WMATA), distributions to political subdivisions, distributions to other state agencies and debt service. The government-wide financial statements include only the Department (a special revenue fund of the State of Maryland), which has no component units and does not include the Maryland Transportation Authority, which is a separate enterprise fund of the State of Maryland. The government-wide financial statements can be found starting on page 30 of this report.

### **Fund financial statements**

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Department, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Department can be divided into two categories: governmental funds and fiduciary funds.

### **Governmental funds**

Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of the governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund Balance Sheet and the governmental fund Statement of Revenues, Expenditures and Changes in Fund Balances provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

The Department maintains two individual governmental funds. Information is presented separately in the governmental fund Balance Sheet and in the governmental fund Statement of Revenues, Expenditures and Changes in Fund Balances for the special revenue fund and the debt service fund. The special revenue fund is considered to be a major fund. The basic governmental fund financial statements can be found starting on page 33 of this report.

The Maryland General Assembly authorizes an annual appropriated budget for the Department's special revenue fund. A budgetary comparison schedule has been provided for the special revenue fund to demonstrate compliance with this budget. The budgetary comparison schedule can be found on page 69 of this report.

### **Fiduciary funds**

Fiduciary funds are used to account for resources held for the benefit of parties outside the government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the Department's own programs. The accounting used for the fiduciary funds is much like that used for proprietary funds. The basic fiduciary fund financial statements can be found on page 40 of this report.



## **Notes to the financial statements**

The notes to the financial statements provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found starting on page 42 of this report.

## **Changes in Governmental Accounting Standards**

In June 2012, the Governmental Accounting Standards Board (GASB) approved a Statement that reflects substantial changes to the accounting and financial reporting of pension plans. Statement No. 67, Financial Reporting for Pension Plans, addresses financial reporting for state and local government pension plans. Statement No. 67 replaces the requirements of Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans, for most public employee pension plans and replaces the requirements of Statement No. 50, Pension Disclosures, for those governments and public pension plans. Under Statement No. 67, an emphasis is put on accounting for pension plans whereas Statement No. 25 dealt more with funding pension plans.

The Department's share of the unfunded liability will be calculated by dividing the Department's contribution to the Maryland State Retirement and Pension System (the System) by the total contributions to the System multiplied by the System's unfunded liability. The System's unfunded actuarial accrued liability as of June 30, 2014 was \$19,562,274,000. For the year ended June 30, 2014, the Department contributed \$51,941,000 to the System. Total contributions to the System were \$1,734,652,000 during fiscal year 2014.

## **Other information**

In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information concerning the Department's progress in funding its obligation to provide pension benefits to its employees at the MTA, as well as the budget and actual comparison schedule. Required supplementary information can be found starting on page 67 of this report.

## **Government-wide Financial Analysis**

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. For the Department, assets and deferred outflows exceeded liabilities and deferred inflows by \$13,700,178,000 at the close of the most recent fiscal year. By far the largest portion of the Department's net position reflects its investment in capital assets (e.g., land, buildings, equipment and infrastructure), less any still outstanding related debt used to acquire those assets. The Department uses those capital assets to provide services to the citizens of Maryland; consequently, these assets are not available for future spending. Although the Department's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities. The following schedule reflects the Department's Net Position Summary.

## Maryland Department of Transportation

### Net Position

*(amounts expressed in thousands)*

<b>Governmental Activities</b>	<b>2014</b>	<b>2013</b>
Current and other assets	\$ 1,098,394	\$ 988,788
Capital assets	16,706,298	16,250,916
Total assets	17,804,692	17,239,704
Deferred amount on refunding bonds	6,450	8,320
Long-term liabilities outstanding	3,336,247	3,032,742
Other liabilities	722,640	650,315
Total liabilities	4,058,887	3,683,057
Deferred concession arrangement	52,077	53,209
Net position:		
Net Investment in capital assets	14,063,378	13,819,782
Unrestricted deficit	(363,200)	(324,664)
Total net position	\$13,700,178	\$13,495,118

The Department's net position increased by \$205,060,000 during the current fiscal year 2014, primarily due to our continued efforts to maintain, improve and expand our infrastructure network.

**Governmental activities**

Governmental activities, which represent the Department's overall economic position, increased the Department's net position by \$205,060,000. The key elements of the Department's governmental activities are as follows:

**Maryland Department of Transportation**

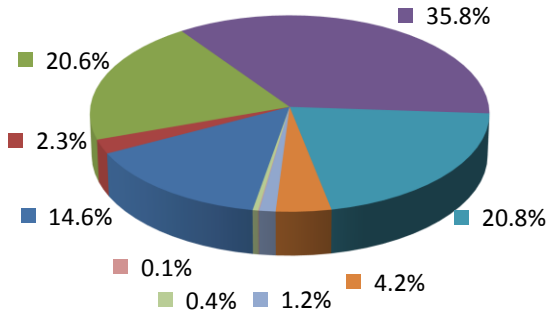
**Changes in Net Position**

*(amounts expressed in thousands)*

<b>Governmental Activities</b>	<b>2014</b>	<b>2013</b>
Revenues:		
Program revenues:		
Charges for services	\$ 565,814	\$ 672,143
Operating grants and contributions	90,574	72,397
Capital grants and contributions	800,019	779,557
General revenues:		
Motor vehicle taxes and fees	1,389,066	1,332,143
Motor fuel taxes and fees	807,739	740,428
Corporation income tax share	162,609	76,746
State sales tax share	48,653	25,462
Unrestricted investment earnings	2,156	764
Other	16,518	7,235
Total revenues	3,883,148	3,706,875
Expenses:		
Secretary's Office	570,596	515,638
State Highway Administration	1,436,114	1,186,116
Port Administration	99,996	87,445
Motor Vehicle Administration	207,342	195,803
Transit Administration	886,966	888,137
Aviation Administration	354,180	308,202
Interest on long-term debt	122,894	110,984
Total expenses	3,678,088	3,292,325
Increase in net position	205,060	414,550
Net position – July 1	13,495,118	13,082,448
Net position as previously reported	13,700,178	13,496,998
Prior period adjustment	-	(1,880)
Net position – June 30	\$13,700,178	\$13,495,118

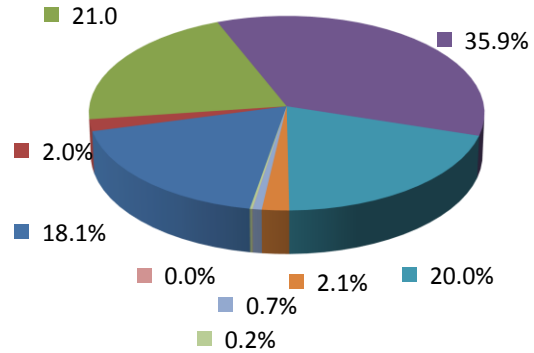
*Below are the Department's Revenues by Source and Expenses by Function for Fiscal Years 2014 & 2013*

**Revenue 2014**



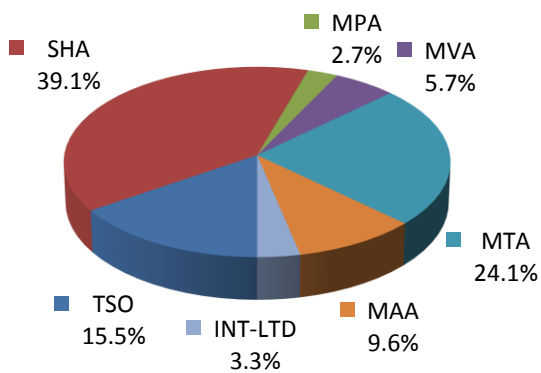
- Charges for services 14.6%
- Operating grants and contributions 2.3%
- Capital grants and contributions 20.6%
- Motor vehicle taxes and fees 35.8%
- Motor fuel taxes and fees 20.8%
- Corporation income tax share 4.2%
- State sales tax share 1.2%
- Unrestricted investment earnings 0.1%
- Other 0.4%

**Revenue 2013**



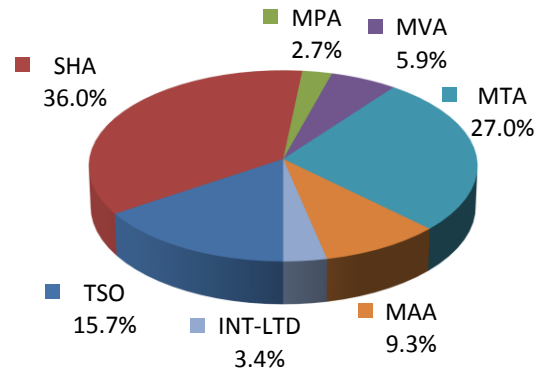
- Charges for services 18.1%
- Operating grants and contributions 2.0%
- Capital grants and contributions 21.0%
- Motor vehicle taxes and fees 35.9%
- Motor fuel taxes and fees 20.0%
- Corporation income tax share 2.1%
- State sales tax share 0.7%
- Unrestricted investment earnings 0.0%
- Other 0.2%

**Expenses 2014**



- Secretary's Office (TSO) 15.5%
- State Highway Administration (SHA) 39.1%
- Port Administration (MPA) 2.7%
- Motor Vehicle Administration (MVA) 5.7%
- Transit Administration (MTA) 24.1%
- Maryland Aviation Admin. (MAA) 9.6%
- Interest on Long-Term Debt (INT-LTD) 3.3%

**Expenses 2013**



- Secretary's Office (TSO) 15.7%
- State Highway Administration (SHA) 36.0%
- Port Administration (MPA) 2.7%
- Motor Vehicle Administration (MVA) 5.9%
- Transit Administration (MTA) 27.0%
- Maryland Aviation Admin. (MAA) 9.3%
- Interest on Long-Term Debt (INT-LTD) 3.4%

### **Financial Analysis of the Government's Funds**

As noted earlier, the Department uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

#### ***Governmental funds***

The focus of the Department's governmental funds is to provide information on near-term inflows, outflows and balances of spendable resources. Such information is useful in assessing the Department's financing requirements. In particular, the unreserved fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

As of the end of the current fiscal year, the Department's governmental funds reported combined ending fund balances of \$367,470,000, an increase of \$58,681,000 in comparison with the prior fiscal year. The Department's governmental funds increase is due primarily to the increase in revenue and liquidation of federal receivables. All of the special revenue fund balance is non-spendable, restricted, committed, and/or assigned fund balance and indicates that it is not available for new spending because it has already been committed and/or assigned for the following purposes: (1) to maintain a separate nonspendable account for inventory activity balances in the amount of \$84,980,000; (2) to maintain a separate nonspendable account for prepaid expenses activity balances in the amount of \$107,891,000; (3) to maintain a separate committed account for encumbrances in the amount of \$26,989,000; (4) to maintain a separate assigned account for specific agency activity balances in the amount of \$576,000; and (5) to maintain a separate assigned account for transportation programs in the amount of \$134,703,000. All the debt service fund balance, in the amount of \$12,331,000, is restricted for debt interest payments.

The special revenue fund is the chief operating fund for the Department. As a measure of the special revenue fund's liquidity, it may be useful to compare the total fund balance of \$367,470,000 to the total Department expenditures of \$4,192,914,000. The total fund balance represents 8.8% of the total fund expenditures.

### **Capital Asset and Debt Administration**

#### ***Capital assets***

The Department's investments in capital assets for its governmental activities as of June 30, 2014, amounts to \$16,706,298,000 (net of accumulated depreciation). This investment in capital assets includes land, buildings and improvements, machinery and equipment, infrastructure and construction in progress. In the current fiscal year, the Department's investments in capital assets increased by \$455,382,000.

Some of the major capital asset events during the current fiscal year included the following:

- Construction continued on the expansion and upgrading of the airport facilities at Baltimore Washington International Thurgood Marshall Airport (BWI Marshall); construction in progress at BWI Marshall at the close of the current fiscal year increased to \$249,304,000 compared to \$166,045,000 in the prior fiscal year, while MAA buildings increased by \$21,905,000 and infrastructure increased by \$10,957,000 in the current fiscal year.
- A variety of widening and/or expansion of existing and new highways and bridges were completed in fiscal year 2014; infrastructure assets for SHA at the close of the current fiscal

year reached \$18,140,331,000 compared to \$17,302,532,000 in the prior fiscal year, a 4.8% increase.

- Various transit, port and motor vehicle administration construction projects began in fiscal year 2014; construction in progress for these administrations at the close of the current fiscal year was \$1,994,429,000 compared to \$1,667,585,000 in the prior fiscal year.

The following schedule reflects the Department’s Capital Assets Summary.

**Maryland Department of Transportation**  
**Capital Assets**  
*(net of depreciation)*  
*(amounts expressed in thousands)*

<b>Governmental Activities</b>	<b>June 30, 2014</b>	<b>June 30, 2013</b>
Land	\$ 2,552,170	\$ 2,474,404
Buildings and improvements	1,356,568	1,362,204
Machinery and equipment	664,665	678,353
Infrastructure	9,195,993	9,129,611
Seagirt Assets	52,077	53,209
Construction in progress	2,884,825	2,553,135
<b>Total</b>	<b>\$ 16,706,298</b>	<b>\$ 16,250,916</b>

Additional information on the Department’s capital assets can be found in note 8 on page 50 of this report.

***Long-term debt***

At the end of the current fiscal year the Department had total bonded debt outstanding of \$1,812,670,000, and represents bonds secured solely by specified revenue sources (i.e., revenue bonds).

The following schedule reflects the Department’s Outstanding Debt Summary.

**Maryland Department of Transportation**  
**Outstanding Debt**  
*(amounts expressed in thousands)*

<b>Governmental Activities</b>	<b>June 30, 2014</b>	<b>June 30, 2013</b>
Consolidated transportation bonds	<b>\$ 1,812,670</b>	<b>\$ 1,618,290</b>

The Department’s consolidated transportation bonds outstanding debt increased by 12.0%. The issuance of \$225,000,000 in new debt in Series 2013, Second Issue Bonds and the issuance of \$100,000,000 in new debt in Series 2014 combined with the continued scheduled debt service principal payments made during the year resulted in the increase in debt outstanding in fiscal year 2014. The Department maintains an “AAA” rating with Standard & Poor’s Corporation, an “AA+” rating with Fitch Ratings and an “Aa1” rating with Moody’s Investors Services, Inc., for its consolidated transportation bonds. As provided by law, the maximum outstanding aggregate amount of Consolidated Transportation Bonds that may be outstanding increased from \$2,600,000,000 to \$4,500,000,000 effective June 1, 2013 and thereafter. The increase is pursuant to legislation enacted by the 2013 General Assembly, which also increased transportation funding. The aggregate principal amount of those bonds that was allowed to be

outstanding as of June 30, 2014 for the Department was \$2,292,670,000, which is higher than the Department's outstanding transportation-related debt. Additional information on the Department's long-term debt can be found in note 11 on page 51 of this report.

**Capital leases.** At the end of the current fiscal year the Department had capital leases outstanding of \$594,302,000. The following schedule reflects the Department's Capital Leases Summary.

<b>Maryland Department of Transportation</b>		
<b>Capital Leases</b>		
<i>(amounts expressed in thousands)</i>		
<b>Governmental Activities</b>	<b>June 30, 2014</b>	<b>June 30, 2013</b>
Capital leases	\$ 594,302	\$ 591,783

The Department's capital lease obligations have increased slightly by \$2,519,000, during the current fiscal year. This increase is attributable to ongoing construction costs related to airport projects and continued scheduled capital lease payments at the various Department's port facilities, and transit facilities. The Department maintains an "AA+" rating with Standard & Poor's Corporation, an "Aa2" rating with Moody's Investors Services, Inc. and an "AA" with Fitch Ratings for Certificates of Participation which are included in capital lease obligations. Additional information on the Department's capital lease obligations can be found in note 12 on page 53 of this report.

***Special Revenue Fund Budgetary Highlights***

The Department's appropriations, between the original and final amended budget decreased by \$200,030,000 for special funds and decreased by \$144,328,000 for Federal funds during the current fiscal year. The decrease in special and federal fund appropriations was due to a mid-year budget evaluation analysis throughout the Department. The Schedule of Revenues, Expenditures and Changes in Fund Balances – Budget and Actual can be found on page 69 of this report.

***Economic Factors and Next Year's Budgets and Rates***

Maryland's economic indices showed a modest positive direction for the State this past fiscal year. Employment growth for the State of Maryland was 0.8% for the first three quarters of this year compared to 0.9% growth in 2013. The State's personal income is continuing to rise with a growth of 2% through the second quarter of 2014. Nationally, personal income grew by 3.8% for the same period.

Maryland's economy continues to slowly recover from the economic downturn. Although the pace of recovery is not as robust as that experienced in other recent economic cycles, steady growth is forecasted for the next several years. The unemployment rate, which peaked at 7.8% in 2010, is expected to be 5.6% for 2014. Job growth continues to be in professional and business services as well as education and health services.

The federal government sector, normally a positive driver to Maryland's economy, represents the major downside risk to the rate of growth. Maryland's economy is heavily reliant on federal spending. The fiscal concerns associated with federal spending continue to constrain economic recovery. Until the federal government's direction becomes clear, the outlook will remain cautiously optimistic.

During the 2013 Session of the General Assembly, the Transportation Infrastructure Investment Act of 2013 was enacted to increase transportation funding by increasing motor fuel taxes and requiring the Maryland Transit Administration, beginning in 2015, to increase base fare prices. These changes became effective July 1, 2013.

During the current fiscal year, assigned fund balance for transportation programs increased to \$134,703,000, from \$108,318,000 in the prior year primarily due to the realization revenue from the prior year federal receivable and reclassification of reserve for prepaid expenses in the amount of \$12,126,000 (net of current receivable) and \$107,891,000, respectively.

**Requests for Information**

This Comprehensive Annual Financial Report is designed to provide a general overview of the Department's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to: Mr. David L. Fleming, Chief Financial Officer, Office of Finance, MDOT - Secretary's Office, 7201 Corporate Center Drive, Hanover, MD, 21076.



**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Comprehensive Annual Financial Report**



**BASIC FINANCIAL STATEMENTS**

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**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Statement of Net Position**  
**As of June 30, 2014**  
*(amounts expressed in thousands)*

	<b>Total Governmental Activities</b>
<b>ASSETS:</b>	
Cash and cash equivalents	\$ 257,909
Cash and cash equivalents - restricted	24,715
Taxes receivable, net	122,322
Intergovernmental receivables	269,026
Other accounts receivable	46,005
Due from other state agencies	167,930
Inventories	84,980
Prepays	125,507
<b>Capital assets not depreciated:</b>	
Construction in progress	2,884,825
Land	2,552,170
<b>Capital assets depreciated (net of depreciation):</b>	
Buildings and improvements	1,356,568
Machinery and equipment	664,665
Infrastructure	9,195,993
Seagirt assets	52,077
<b>Total assets</b>	<b>17,804,692</b>
 <b>DEFERRED OUTFLOWS OF RESOURCES:</b>	
Deferred amount of refunding bonds	6,450
 <b>LIABILITIES:</b>	
Salaries payable	30,444
Accounts payable and other current liabilities	456,605
Accounts payable to political subdivisions	50,824
Due to other state agencies	2,443
Unearned revenue	151,813
Accrued interest payable	30,511
<b>Noncurrent liabilities:</b>	
Due within one year	229,223
Due in more than one year	3,107,024
<b>Total liabilities</b>	<b>4,058,887</b>
 <b>DEFERRED INFLOWS OF RESOURCES:</b>	
Deferred concession arrangement receipts	52,077
 <b>NET POSITION:</b>	
Net investment in capital assets	14,063,378
Unrestricted deficit	(363,200)
<b>Total net position</b>	<b>\$ 13,700,178</b>

The notes to the financial statements are an integral part of this statement.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Statement of Activities**  
**For the Fiscal Year Ended June 30, 2014**  
*(amounts expressed in thousands)*

FUNCTIONS/PROGRAMS	Expenses	Program Revenues			Net (Expense)
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Revenue and
					Total
					Changes in Net Position
<b>Governmental activities:</b>					<b>Governmental Activities</b>
Secretary's Office	\$ 570,596	\$ 3,262	\$ 9,089	\$ 3,861	\$ (554,384)
State Highway Administration	1,436,114	40,586	10,844	610,435	(774,249)
Port Administration	99,996	54,099	-	288	(45,609)
Motor Vehicle Administration	207,342	4	9,355	71	(197,912)
Transit Administration	886,966	139,769	60,631	165,997	(520,569)
Aviation Administration	354,180	328,094	655	19,367	(6,064)
Interest on long-term debt	122,894	-	-	-	(122,894)
<b>Total governmental activities</b>	<b>3,678,088</b>	<b>565,814</b>	<b>90,574</b>	<b>800,019</b>	<b>(2,221,681)</b>
<b>General revenues:</b>					
					1,389,066
					807,739
					162,609
					48,653
					2,156
					16,518
					<u>2,426,741</u>
					205,060
					<u>13,495,118</u>
					<b>\$ 13,700,178</b>

The notes to the financial statements are an integral part of this statement.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Balance Sheet**  
**Governmental Funds**  
**As of June 30, 2014**  
*(amounts expressed in thousands)*

	Special Revenue	Other Governmental Fund		Total Governmental Funds
		Debt Service		
<b>ASSETS:</b>				
Cash and cash equivalents	\$ 257,909	\$ -	\$ -	\$ 257,909
Cash and cash equivalents - restricted	12,384	12,331	-	24,715
Taxes receivable, net	122,322	-	-	122,322
Intergovernmental receivable	269,026	-	-	269,026
Other accounts receivable	46,005	-	-	46,005
Due from other state agencies	163,921	-	-	163,921
Inventories	84,980	-	-	84,980
Prepays	107,891	-	-	107,891
<b>Total assets</b>	<b>1,064,438</b>	<b>12,331</b>	<b>-</b>	<b>1,076,769</b>
<b>LIABILITIES &amp; FUND BALANCES:</b>				
Liabilities:				
Salaries payable	30,444	-	-	30,444
Accounts payable	456,605	-	-	456,605
Accounts payable to political subdivisions	50,824	-	-	50,824
Due to other state agencies	2,443	-	-	2,443
Unearned revenue	49,373	-	-	49,373
<b>Total liabilities</b>	<b>589,689</b>	<b>-</b>	<b>-</b>	<b>589,689</b>
<b>DEFERRED INFLOW OF RESOURCES</b>				
Unavailable revenue	119,610	-	-	119,610
<b>FUND BALANCES:</b>				
Nonspendable fund balance:				
Inventories	84,980	-	-	84,980
Prepaid items	107,891	-	-	107,891
Restricted fund balance:				
Debt service	-	12,331	-	12,331
Committed fund balance	26,989	-	-	26,989
Assigned fund balance:				
Agency activities	576	-	-	576
Transportation programs	134,703	-	-	134,703
<b>Total fund balances</b>	<b>355,139</b>	<b>12,331</b>	<b>-</b>	<b>367,470</b>
<b>Total liabilities, deferred inflows and fund balance:</b>	<b>\$ 1,064,438</b>	<b>\$ 12,331</b>	<b>\$ -</b>	<b>\$ 1,076,769</b>
Amounts reported for governmental activities in the statement of net assets are different because:				
Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the fund statements.				16,706,298
MTA pension prepaid expenditure				17,616
Energy savings assets				4,009
Accrued interest payable on bonds and capital leases				(30,511)
Long-term liabilities not due and payable in the current period and, therefore, are not reported in the fund financial statements, includes the following:				
Unavailable revenue				119,610
Advance rental payment				(102,440)
Deferred amount on refunding bonds				6,450
Bonds payable				(1,812,670)
Capital leases				(594,302)
Pollution liability				(156,161)
MTA OPEB liability				(267,064)
Net pension obligation				(198,026)
Premium on bonds not liquidated with current financial resources				(136,167)
Workers' compensation costs				(67,044)
Energy savings liability				(54,154)
Compensated absences				(50,659)
Deferred concession receipts				(52,077)
<b>Net position of governmental activities</b>				<b>\$ 13,700,178</b>

The notes to the financial statements are an integral part of this statement.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Statement of Revenues, Expenditures and Changes in Fund Balances**  
**Governmental Funds**  
**For the Fiscal Year Ended June 30, 2014**  
*(amounts expressed in thousands)*

	Special Revenue	Other Governmental Fund Debt Service	Total Governmental Funds
<b>REVENUES:</b>			
<b>Taxes:</b>			
Motor vehicle taxes and fees	\$ 1,389,066	\$ -	\$ 1,389,066
Motor vehicle fuel taxes and fees	807,739	-	807,739
Revenue sharing of state corporation income tax	162,609	-	162,609
Revenue sharing of state sales tax	48,653	-	48,653
Federal reimbursements	902,719	-	902,719
Charges for services	452,406	-	452,406
Passenger facility charges	43,919	-	43,919
Customer facility charges	12,613	-	12,613
Special parking revenues	54,649	-	54,649
Investment earnings	2,154	2	2,156
Other	12,534	1,721	14,255
<b>Total revenues</b>	<b>3,889,061</b>	<b>1,723</b>	<b>3,890,784</b>
<b>EXPENDITURES:</b>			
<b>Current:</b>			
Department administration, operating, and maintenance expenditures:			
Secretary's Office	162,011	-	162,011
State Highway Administration	383,632	-	383,632
Port Administration	84,585	-	84,585
Motor Vehicle Administration	187,521	-	187,521
Transit Administration	742,159	-	742,159
Aviation Administration	281,287	-	281,287
<b>Intergovernmental:</b>			
Highway user revenue distributions and federal fund pass-thru to local subdivisions	244,448	-	244,448
Washington Metropolitan Area Transit Authority Grants	404,995	-	404,995
Distributions to other state agencies	23,000	-	23,000
<b>Debt service:</b>			
Principal repayment	-	130,620	130,620
Interest	-	76,614	76,614
Issuance expenditures	609	393	1,002
Capital outlay	1,471,040	-	1,471,040
<b>Total expenditures</b>	<b>3,985,287</b>	<b>207,627</b>	<b>4,192,914</b>
Excess of expenditures over revenues	(96,226)	(205,904)	(302,130)
<b>OTHER FINANCING SOURCES (USES):</b>			
Issuance of debt	325,000	-	325,000
Premium on bonds	20,568	12,724	33,292
Capital leases	2,519	-	2,519
Debt service transfer	(200,455)	200,455	-
<b>Total other financing sources and uses</b>	<b>147,632</b>	<b>213,179</b>	<b>360,811</b>
Net change in fund balances	51,406	7,275	58,681
Fund balances, July 1, 2013	303,733	5,056	308,789
<b>Fund balances, June 30, 2014</b>	<b>\$ 355,139</b>	<b>\$ 12,331</b>	<b>\$ 367,470</b>

The notes to the financial statements are an integral part of this statement.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balances of**  
**Governmental Funds to the Statement of Activities**  
**For the Fiscal Year Ended June 30, 2014**  
*(amounts expressed in thousands)*

Amounts reported for governmental activities in the statement of activities are different because:

Net change in fund balances - total governmental funds (page 38) \$ 58,681

Governmental funds report capital outlays as expenditures. However, in the statement of activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which capital outlays exceeded depreciation in the current period.

Capital outlays	\$ 1,471,040	
Loss on disposal of assets	(13,539)	
Depreciation expense	(1,002,119)	
		455,382

Revenues in the statement of activities that do not provide current financial resources are not reported as revenues in the funds.

Unavailable revenue	\$ (12,596)	
Amortization of advance rental payments	2,227	
		(10,369)

The issuance of long-term debt (e.g., bonds, leases) provides current financial resources to government funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net position. Also, governmental funds report the effect of issuance costs, premiums, discounts and similar items when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities. This amount is the net effect of these differences in the treatment of long-term debt and related items.

Net premium on bonds	\$ (17,945)	
Principal repayment of bonds	130,620	
Debt Issued, transportation bonds	(325,000)	
Capital lease liability	(2,519)	
Amortized deferred amount on refunding bonds	(1,870)	
		(216,714)

Some expenses reported in the statement of activities do not require the use of current financial resources, and therefore, are not reported as expenditures in the governmental funds.

Accrued interest	\$ (3,816)	
Compensated absences	(2,276)	
Energy savings liability	3,796	
Workers compensation	(3,131)	
State pension obligation	(24,348)	
MTA OPEB obligation	(46,062)	
Energy savings asset	(7,215)	
		(83,052)

Deferred financing inflows

Amortization of assets	1,132	
		1,132

<b>Change in net position of governmental activities (page 36)</b>	<b>\$ 205,060</b>	
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The notes to the financial statements are an integral part of this statement.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Statement of Fiduciary Net Position**  
**Fiduciary Funds**  
**As of June 30, 2014**  
*(amounts expressed in thousands)*

	<b>Maryland Transit Administration Pension Plan Trust Fund</b>	<b>Agency Funds</b>
<b>ASSETS:</b>		
Cash and cash equivalents	\$ 8,912	\$ 31,612
Investments, at fair value:		
Equity securities pool	76,863	-
Fixed income pool	42,500	-
Alternative investments pool	76,258	-
Real estate pool	8,929	-
Total investments	<u>204,550</u>	<u>31,612</u>
Contributions receivable	10,230	-
Accounts receivable	-	-
Total assets	<u>223,692</u>	<u>31,612</u>
<b>LIABILITIES:</b>		
Accounts payable	<u>-</u>	<u>\$ 31,612</u>
<b>NET POSITION:</b>		
Held in trust for pension benefits	<u>\$ 223,692</u>	

The notes to the financial statements are an integral part of this statement.



**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Statement of Changes in Fiduciary Net Position**  
**Fiduciary Funds**  
**For the Fiscal Year Ended June 30, 2014**  
*(amounts expressed in thousands)*

	<b>Maryland Transit Administration Pension Plan Trust Fund</b>
<b>ADDITIONS:</b>	
Contributions from employer	\$ 39,749
Investment earnings:	
Interest income	\$ 15,767
Net appreciation in fair value of investments	12,975
Net investment earnings	28,742
Total additions	68,491
 <b>DEDUCTIONS:</b>	
Benefit payments	32,598
Administrative expenses	1,571
Total deductions	34,169
Change in net position	34,322
Net position, July 1, 2013	189,370
<b>Net position, June 30, 2014</b>	<b>\$ 223,692</b>

The notes to the financial statements are an integral part of this statement.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Notes to the Financial Statements**  
**For the Year Ended June 30, 2014**

**1. Summary of Significant Accounting Policies:**

**A. Reporting Entity:**

The Maryland Department of Transportation (Department), a department of the State of Maryland, was established by statute in 1971. The Department is responsible for carrying out the Governor's policies in the area of transportation under statutory mandates, guidelines and constraints established by the State's General Assembly. The Department has the responsibility for most state-owned transportation facilities and programs, including planning, financing, construction, operation and maintenance of various modes of transportation and carrying out related licensing and administrative functions. The statutorily created transportation agencies included in the Department are the Maryland Aviation Administration (MAA), Maryland Port Administration (MPA), Motor Vehicle Administration (MVA), Maryland Transit Administration (MTA), State Highway Administration (SHA) and the Secretary's Office (TSO).

The accompanying financial statements include the Department, which has no component units. The Maryland Transportation Authority (Authority) is a separate entity with separate fiscal operations and management, and accordingly, is excluded from *The Financial Reporting Entity* of the Department, since it does not qualify for inclusion under Governmental Accounting Standards Board (GASB) Statement No. 14, because it is not financially accountable to the Department.

**B. Government-Wide and Fund Financial Statements:**

The Department's government-wide financial statements (i.e., the Statement of Net Position and the Statement of Activities) report information on all non-fiduciary activities of the government. As a general rule, the effect of inter-fund activity has been eliminated from the government-wide financial statements. The Department's governmental activities are supported primarily by taxes, intergovernmental revenues and charges for services. Fiduciary funds are excluded from the Department's government-wide and fund financial statements, as fiduciary assets are not available for the Department's use.

The Statement of Activities demonstrates the degree to which the direct expenses of a given function are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function. Program revenues include (1) charges to customers or applicants who purchase, use or directly benefit from goods, services or privileges provided by a given function and (2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function. Taxes and other items not properly included among program revenues are reported instead as general revenues.

Separate financial statements are provided for the fiduciary fund (MTA Pension Plan Trust Fund).

**C. Measurement Focus, Basis of Accounting and Financial Statement Presentation:**

The government-wide financial statements and the fiduciary fund financial statements are reported using the economic resources measurement focus and accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when incurred, regardless of the timing of related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

The governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Under the modified accrual basis of

accounting revenues are recognized in the financial statements as soon as they are both measurable and available. Revenues are considered available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the Department considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures generally are recorded when a liability or obligation is incurred as a result of goods or services rendered, as under accrual accounting. However, under the modified accrual basis, debt service expenditures are recorded only when payment is due. Compensated absences, retirement and workers' compensation costs and claims, judgments and other liabilities not expected to be paid with current available resources are recognized when the obligations are expected to be liquidated with expendable available financial resources.

Motor vehicle taxes, motor vehicle fuel taxes, charges for services, Federal reimbursements and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenue of the current fiscal period. All other revenue items are considered to be measurable and available only when cash is received by the Department.

The Department collects and receives various types of motor vehicle taxes and fees. These taxes and fees consist primarily of a portion of the motor vehicle fuel taxes, motor vehicle titling taxes and motor vehicle registration fees. The Department accrues the June motor vehicle fuel taxes and titling taxes that are unremitted as of year-end as a receivable. These taxes are considered measurable and available since they represent June collections that are remitted to the Department in July and thereafter by merchants who collect these taxes. Expenditure-driven Federal grants are recognized as revenue when the qualifying expenditures have been incurred, all other grant requirements have been met and the reimbursement funding is available from the Federal government.

*The Department reports the following major governmental fund:*

**Special Revenue Fund:**

Transactions related to resources obtained, the uses of which are restricted for specific purposes, are accounted for in the special revenue fund. The special revenue fund accounts for resources used for operations (other than debt service and pension activities) of the Department, including construction and improvement of transportation facilities and mass transit operations. Fiscal resources dedicated to transportation operations include the excise taxes on motor vehicle fuel and motor vehicle titles, a portion of the State's corporation income tax and the State's sales tax, wharfage and landing fees, fare box revenues, bond proceeds, Federal grants for transportation purposes and other receipts of the Department's agencies. The Department's unexpended balances as of year-end do not revert to the State's general fund. In addition, the various categories of transportation bonds are serviced from the resources of the Department. The particular taxes and other designated revenues are dedicated to the payment of transportation bonds and constitute the sole sources to which holders of transportation bonds may legally look for repayment.

*The Department reports the following non-major governmental fund:*

**Debt Service Fund:**

Transactions related to the resources accumulated and payments made for principal and interest on long-term transportation debt of governmental funds are accounted for in the debt service fund.

*Additionally, the Department reports the following fund types:*

**Pension Trust Fund:**

The pension trust fund accounts for the activities of the MTA Pension Plan (the MTA Plan), which accumulates resources for pension benefit payments to qualified Maryland Transit Administration

employees. The pension trust fund accounts for plan assets at their fair value. Additional information regarding the MTA Pension Plan is included in Note 15. The accounts of the pension trust fund are maintained and reported using the accrual basis of accounting. Under this method, revenues are recorded in the fiduciary fund financial statements when earned, administrative expenses are recorded at the time the liabilities are incurred and pension benefits are recorded when paid.

**Agency Fund:**

The agency fund is custodial in nature and does not present the results of operations or have a measurement focus. The Department uses an agency fund to account for the receipt and disbursement of Federal grant proceeds collected by the Department for distribution to political subdivisions and the accumulation of and payment of funds for debt service issued under the alternative county transportation bond program. When both restricted and unrestricted resources are available for use, the Department's policy is to use unrestricted resources first and then restricted resources as they are needed.

**D. Change in Accounting Principles and Restatement of Beginning Balances**

**Deferred Issuance Cost**

In fiscal year ended June 30, 2014, the Department implemented GASB Statement No. 65, Items Previously Reported as Assets and Liabilities. The objective of this statement is to either (a) properly classify items that were previously reported as assets and liabilities as deferred outflows of resources and (b) recognize these items as outflows of resources (expenses) or inflows of resources (revenues). Bond issuance costs, which were previously deferred over the life of the existing debt, are now recognized as an expense. This is recorded as a prior period adjustment for the fiscal year ended June 30, 2013.

Net position of the Department has been restated by \$1,880,000 in the period ended June 30, 2013. The Net position as previously reported was \$13,496,998 less the prior period adjustment of \$1,880,000. The restated balance for the period ended June 30, 2013 was \$13,495,118, due to the write off of previous bond issuance costs which were being amortized over the life of the bonds.

**E. New Pronouncements:**

The Department has adopted the provision of Governmental Accounting Standard Board (GASB) issued Statement No. 65, Items Previously Reported as Assets and Liabilities; Statement No. 66, Technical Corrections – 2012 – an amendment of GASB Statements No. 10 and No. 62; Statement No. 67, Financial Reporting for Pension Plans – An Amendment of GASB Statement No. 27; and Statement No. 70, Accounting and Financial Reporting for Nonexchange Financial Guarantees.

GASB also issued Statement No. 68, Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27; Statement No. 69, Government Combinations and Disposals of Government Operations; and Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date – An Amendment of GASB Statement No. 68, effective for fiscal year ending June 30, 2015. As part of GASB 68, the Department will be required to record its share of the State's net unfunded pension liability. The Department's share of the unfunded liability will be calculated by dividing the Department's contribution to the Maryland State Retirement System (the System) by the total contributions to the System multiplied by the System's unfunded liability. The System's unfunded actuarial accrued liability as of June 30, 2014 was \$19,562,274,000. For the year ended June 30, 2014, the Department contributed \$51,941,000 to the System. Total contributions to the System were \$1,734,652,000 during fiscal year 2014. The Department has not calculated its share of the System's liability as of June 30, 2014; however, the Department is analyzing the effects of these pronouncements, which is expected to be material, and plans to adopt them applicable by their effective dates.

## **2. Summary of significant Accounting Policies-Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources and Net Position or Equity**

### **A. All Funds:**

#### **1. Deposits and investments:**

The Department's cash on hand, demand deposits and short-term investments maturing within 90 days from the date purchased are considered as cash and cash equivalents. The Department's investments are recorded at fair value and changes in fair value are recognized as revenue. The cash and cash equivalents and investments of the Pension Trust Fund are maintained by the State Retirement and Pension System of Maryland (System) on a pooled basis. The System, in accordance with Article 73B, Section 160 of the Annotated Code of Maryland, is permitted to make investments subject to the terms, conditions, limitations and restrictions imposed by the Board of Trustees of the System. The law further provides that not more than 15% of the assets that are invested in common stocks may be invested in non-dividend paying common stock. The System's investments are commingled in three combined investment funds. Two investment funds consist principally of bonds and other fixed income investments, while the other investment fund consists principally of common stocks.

#### **2. Receivables and payables:**

Amounts due to the Department from various tax revenue sharing programs are recorded as taxes receivable, while amounts due to the Department from the Federal government are reported as intergovernmental receivables. Amounts representing balances due from the Authority and the State's General Fund are reported as due from other state agencies. Amounts representing balances due to the Authority and the State's General Fund are reported as due to other state agencies. Amounts representing balances due to political subdivisions are reported as accounts payable to political subdivisions.

#### **3. Inventories and prepaid items:**

All inventories are valued at cost using the first-in/first-out (FIFO) method. Inventories of governmental funds are recorded as expenditures when consumed rather than when purchased. Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in both government-wide and fund financial statements. In governmental fund type accounts, prepaid expenses are generally accounted for using the purchases method. Under the purchases method, prepaid expenses are treated as expenditures when purchased rather than accounted for as an asset.

#### **4. Grants:**

Revenues from Federal reimbursement type grants are recognized when the related expenditures are incurred and the revenues are both measurable and available. The government considers all grant revenues to be available if they are collected within 60 days of the current fiscal period.

#### **5. Capital assets:**

Capital assets, which include land, buildings and improvements, machinery and equipment, construction in progress and infrastructure assets (e.g., roads, bridges, sidewalks and similar items) are reported in the governmental activities column in the government-wide financial statements. Capital assets are defined by the Department as assets with an initial, individual cost of more than \$50,000 and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Cost on constructed assets includes materials, labor, design and any other costs directly related to putting the asset in use. Donated capital assets are recorded at estimated fair market value at the date of donation. The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend asset lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed. Capital assets are depreciated using the straight line method over the following estimated useful lives:

<b>Capital Assets</b>	<b>Years</b>
Buildings and improvements	5-50
Transit vehicles and equipment	10-25
Other vehicles	3-10
Office equipment	3-10
Computer equipment	3-10
Computer software	5-10
Infrastructure	10-50

6. Deferred outflows/inflows of resources

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The government only has one item that qualifies for reporting in this category. It is the deferred charge on refunding results from the difference in the carrying value of refunded debt and its reacquisition price. This amount is deferred and amortized over the shorter of the life of the refunded or debt.

7. Compensated absences:

It is the State's policy to permit employees to accumulate earned but unused vacation and sick pay benefits. There is no liability for unpaid accumulated sick leave since the State does not have a policy to pay any amounts when employees separate from service with the State. All vacation pay is accrued when earned in the government-wide and fiduciary fund financial statements. A liability for these amounts is reported in governmental funds only if they have matured as a result of employee resignations and/or retirements. Principally all full-time State employees accrue annual leave based on the number of years employed up to a maximum of 25 days per calendar year. Earned annual leave may be accumulated up to a maximum of 75 days as of the end of each calendar year. Accumulated earned, but unused annual leave for the Department's employees is accounted for in the government-wide financial statements.

8. Long-term obligations:

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities. Bond premiums and discounts, as well as debt issuance costs, are deferred and amortized over the life of the bonds. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are reported as deferred charges and amortized over the term of the related debt. In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the period the debt is issued. The face amount of debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing sources while discounts on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as operating expenditures.

9. Fund balance:

The Department's Balance Sheet for the reservation of fund balance includes the following categories: (1). Nonspendable fund balance (which includes inventory of supplies and prepaid items), (2). Restricted fund balance (like for debt service items), (3). Committed fund balance (like for encumbrances), and (4). Assigned fund balance (like for loans receivable, agency activities and other function related activities) for Special Revenue funds within the Department.

When both restricted and unrestricted resources are available for use, it is the Department's policy to use restricted resources first, then unrestricted resources (committed, assigned and unassigned) as they are

needed. When unrestricted resources (committed, assigned and unassigned) are available for use it is the Department’s policy to use committed resources first, then assigned, and then unassigned as they are needed.

**3. Reconciliation of Government-wide and Fund Financial Statements:**

**A. Explanation of the governmental fund balance sheet and the government-wide statement of net position.**

The governmental fund Balance Sheet includes reconciliation between fund balance – total governmental funds and total net position – total governmental activities as reported in the government-wide Statement of Net Position. The governmental fund Statement of Revenues, Expenditures and Changes in Fund Balances includes reconciliation between the net change in fund balance – total governmental funds and the change in net position of governmental activities as reported in the government-wide Statement of Activities. The statement of net position should report all assets, deferred outflows of resources, liabilities, deferred inflows of resources, and net position. The statement of net position presents formats that displays assets, plus deferred outflows of resources, less liabilities, less deferred inflows of resources, equals net position, although a balance sheet format (assets plus deferred outflows of resources equals liabilities plus deferred inflows of resources, plus net position) may be used. Regardless of the format used, the statement of net position should report the residual amount as net position, rather than net assets, proprietary or fiduciary fund balance, or equity. Net position represents the difference between all other elements in a statement of financial position and should be displayed in three components—net investment in capital assets; restricted (distinguishing between major categories of restrictions); and unrestricted.

**4. Deposits and Investments:**

As of June 30, 2014, the Department had the following investments:

*(amounts expressed in thousands)*

<b>Investment Type</b>	<b>Fair Value</b>
Money Markets - Agency Funds	\$ 31,612
Pooled investments - Pension Trust Fund	204,550
State Treasurer’s pooled – Special Fund	257,909
Restricted investment– Special Fund	24,715
<b>Total investments at fair value</b>	<b>\$ 518,786</b>

**Interest rate risk:**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Department's policy for managing its exposure to fair value loss arising from increasing interest rates is to comply with the Maryland State Treasurer (Treasurer) policy on all of the Department’s investments. The Treasurer’s investment policy states that to the extent possible, it will attempt to match its investments with anticipated cash flow requirements. Unless matched to a specific cash flow, the Treasurer will not directly invest in securities maturing more than five years from the date of purchase. The Department followed this policy for all of its investments.

**Credit risk:**

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Department's policy for reducing its exposure to credit risk is to comply with the Treasurer’s policy, which requires that the Treasurer’s investments in repurchase agreements be collateralized by U.S. Treasury and agency obligations. In addition, investments may be made directly in U.S. agency obligations. These agency obligations are rated Aa1 by Moody’s and AAA by Standard and Poor’s. State law also requires that money market mutual funds contain only U.S. Treasuries or agencies or

repurchase agreements secured by U.S. Treasuries or agencies. The money market mutual funds are rated Aaa/AAA.

**Concentration of credit risk:**

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The Department's policy for reducing this risk of loss is to comply with the Treasurer's policy, which states the investment policy limits the amount of repurchase agreements to be invested with a particular institution to 30% of the portfolio. Other than that, there is no limit on the amount that may be invested in any one issuer.

**Custodial credit risk - deposits and investments:**

Custodial credit risk is the risk that, in the event of a bank failure, the Department's deposits may not be returned to it. Deposits are exposed to custodial credit risk if they are not covered by depository insurance and the deposits are (a) uncollateralized, (b) collateralized with securities held by the pledging financial institution, or (c) collateralized with securities held by the pledging financial institution's trust department or agent but not in the Department's name. The Department does not have a formal deposit policy for custodial credit risk, but follows the Treasurer's policy that states the Treasurer may deposit in a financial institution in the State any unexpended or surplus money in which the Treasurer has custody. As of June 30, 2014, none of the Department's bank balance was uninsured or uncollateralized; none was uninsured or collateralized with securities held by the pledging financial institution; and none were uninsured or collateralized with securities held by the pledging financial institution's trust department or fiscal agent, but not in the Department's name. The Treasurer (i.e., law, regulation or formal policy) defines the types of securities authorized as appropriate investments for the Department and the conditions for making investment transactions. Investment transactions may be conducted only through qualified depositories, certified dealers, or directly with issuers of the investment securities.

As of June 30, 2014 the Department reported a total of \$24,715,000 in *Cash and cash equivalents – restricted* on the Department's balance sheet. This amount consists of \$12,384,000 restricted cash for the construction retainages related to the SHA road projects and MAA airport projects and \$12,331,000 for bond premiums in the debt service fund.

The Treasurer authorizes the Department to invest in obligations of the U.S. Treasury including bills, notes, and bonds; obligations of U.S. agencies and instrumentalities; repurchase agreements secured by an U.S. Treasury agency; instrumentality obligations or bankers' acceptances guaranteed by a financial institution with the highest short-term debt rating by at least one nationally recognized statistical rating organization (NRSRO); commercial paper with the highest rating by at least one NRSRO; shares or certificates in a money market mutual fund as defined by the Treasurer; and Maryland local government pooled with short-term investments.

**5. Receivables and Unearned Revenue:**

The Department's receivables as of June 30, 2014 for the individual funds were as follows:

*(amounts expressed in thousands)*

<b>Receivables</b>	<b>Special Revenue</b>	<b>Total</b>
Taxes receivable	\$ 122,322	\$ 122,322
Intergovernmental receivable	269,026	269,026
Other accounts receivable	46,005	46,005
Due from other state agencies	163,921	163,921
Net total receivables	\$ 601,274	\$ 601,274



The Department's Taxes receivable consist of receivables recorded at year-end for the Motor Vehicle Fuel Tax Division in the amount of \$77,934,000 and the MVA's titling tax in the amount of \$44,388,000. The Department's Intergovernmental receivables consist of receivables from the Federal government in the amount of \$263,635,000 and from the local subdivisions in the amount of \$5,391,000. The Department's other accounts receivable, of \$46,005,000; consist of miscellaneous receivables recorded at fiscal year-end across the Department.

A balance of \$42,835,000 is reported as Due from other state agencies in the Special Revenue Fund for the amount due from the State Comptroller's Revenue Administration Division for cash transfers not transferred to the Department as of June 30, 2014. Also included in Due from other state agencies is the amount \$77,103,000, for the amount due from the Authority for Passenger Facility Charge (PFC), Customer Facility Charge (CFC) and special parking revenue collections; \$17,376,000 is reported as Due from other state agencies in the Special Revenue Fund for the amount due from the Authority for the ICC project; \$26,607,000 is reported as Due from other state agencies, which is due from the Maryland Department of Budget and Management (DBM) for the health benefits refund. Also included in Due from other state agencies on the Statement of Net Position is the amount for the Department's Energy Performance Contract (EPC) as of June 30, 2014, in the amount of \$4,009,000.

The Department's unearned revenue in connection with resources that have been received, but not yet earned was \$151,813,000 as of June 30, 2014. The Department reported unearned revenue for customer prepayments of future airport services to be provided by the MAA in the amount of \$2,203,000, \$16,000 motor vehicle refunds by the MVA, \$47,154,000 for revenues collected by the SHA for advanced contract payments and \$102,440,000 for advanced rental payments related to MPA's service concession agreement.

As of June 30, 2014, the Department also reported unearned revenue in the governmental funds in the amount of \$49,373,000 for unearned customer prepayments. Unavailable revenue was comprised of \$77,103,000 for the balance in the MAA PFC's and CFC Improvement Funds and \$42,507,000 related to federal receivables that were not collectable within the period available.

**6. Interfund Transfers:**

The interfund transfers for the Department for the year ended June 30, 2014, were as follows:

*(amounts expressed in thousands)*

<b>Transfers In</b>	<b>Transfers Out</b>	<b>Amount</b>
Debt service fund	Special revenue fund	<b>\$ 200,455</b>

The purpose of this interfund transfer is to record the amount of revenue transferred from the special revenue fund to the debt service fund for debt service principal and interest payments. This transfer is reported on the Statement of Revenues, Expenditures and Changes in Fund Balances for the year ended June 30, 2014 as a Debt service transfer under Other Financing Sources (Uses).

**7. Due to Other State Agencies:**

The amount reported as Due to other state agencies within the Special Revenue Fund in the accompanying balance sheet is \$2,443,000. This represents the amount due to the State's General Fund for motor vehicle fuel tax, hazmat program, auto safety and commercial vehicle enforcement which was not transferred as of June 30, 2014.

**8. Capital Assets:**

Depreciation expense on capital assets charged to the Department’s modal administration/functions in the Statement of Activities as of June 30, 2014, was as follows:

*(amounts expressed in thousands)*

<b>Depreciation Expense - Governmental Activities</b>	
Secretary’s Office	\$ 5,169
State Highway Administration	753,738
Port Administration	22,071
Motor Vehicle Administration	13,321
Transit Administration	126,544
Aviation Administration	81,276
<b>Total depreciation expense - governmental activities</b>	<b>\$ 1,002,119</b>

The Department’s Capital assets activity by asset classification, including accumulated depreciation, for the year ended June 30, 2014, was as follows:

*(amounts expressed in thousands)*

<b>Capital Assets - Governmental activities</b>	<b>Balance</b>			<b>Transfers</b>	<b>Balance</b>
	<b>July 1, 2013</b>	<b>Increases</b>	<b>Decreases</b>	<b>In (Out)</b>	<b>June 30, 2014</b>
<i>Capital Assets not depreciated:</i>					
Land	\$ 2,474,404	\$ 7,220	\$ (1,042)	\$ 71,588	\$ 2,552,170
Construction in progress	2,553,135	811,386	-	(479,696)	2,884,825
<b>Total capital assets not depreciated</b>	<b>5,027,539</b>	<b>818,606</b>	<b>(1,042)</b>	<b>(408,108)</b>	<b>5,436,995</b>
<i>Capital assets depreciated:</i>					
Building & improvements	2,532,022	21,820	(9,619)	56,526	2,600,749
Machinery & equipment	2,058,970	31,973	(24,031)	70,395	2,137,307
Infrastructure	20,436,011	598,641	(8,755)	281,187	21,307,084
Seagirt Assets	54,341	-	-	-	54,341
<b>Total capital assets depreciated</b>	<b>25,081,344</b>	<b>652,434</b>	<b>(42,405)</b>	<b>408,108</b>	<b>26,099,481</b>
<i>Accumulated depreciation for:</i>					
Building & improvements	(1,169,818)	(80,726)	6,363	-	(1,244,181)
Machinery & equipment	(1,380,617)	(115,570)	23,545	-	(1,472,642)
Infrastructure	(11,306,400)	(804,691)	-	-	(12,111,091)
Seagirt Assets	(1,132)	(1,132)	-	-	(2,264)
<b>Total accumulated depreciation</b>	<b>(13,857,967)</b>	<b>(1,002,119)</b>	<b>29,908</b>	<b>-</b>	<b>(14,830,178)</b>
<b>Net capital assets after depreciation</b>	<b>11,223,377</b>	<b>(349,685)</b>	<b>(12,497)</b>	<b>408,108</b>	<b>11,269,303</b>
<b>Net total capital assets – governmental activities</b>	<b>\$16,250,916</b>	<b>\$ 468,921</b>	<b>\$ (13,539)</b>	<b>\$ -</b>	<b>\$ 16,706,298</b>

**9. Service Concession Arrangement:**

The Department implemented GASB Statement No. 60 ‘Accounting and Financial Reporting for Service Concession Arrangements’ as of July 1, 2012. The Department has entered into a long-term lease with Ports America Corporation (PAC) to manage, operate and maintain the Dundalk Marine terminal. These agreements satisfy the criteria established to be considered service concession arrangements (SCAs). Under the terms of the ground lease, the Department transfers rights to PAC for a term of 50 years. After 50 years the Department has the option to buy PAC’s equipment. PAC charges and collects fees from the user for container lifts, short tons of roll on-roll off, break-bulk and bulk cargo and pays the

operating costs, management fee and debt service associated with the project. The Department has the ability to approve what services the operator is required to provide.

As of June 30, 2014, the Capital assets, net accumulated depreciation and deferred service concession arrangement receipts were \$52,077,000.

**10. Long-term Liabilities:**

**Changes in long-term liabilities:**

The Department’s long-term liability activity for the year ended June 30, 2014, was as follows:

*(amounts expressed in thousands)*

<b>Governmental activities:</b>	<b>Beginning Balance July 1, 2013</b>	<b>Additions</b>	<b>Reductions</b>	<b>Ending Balance June 30, 2014</b>	<b>Due Within One Year</b>
Transportation bonds*	\$1,618,290	\$ 325,000	\$ (130,620)	\$ 1,812,670	\$ 152,415
Capital leases*#	591,783	2,519	-	594,302	39,299
Pollution obligations	156,161	-	-	156,161	-
MTA OPEB obligations	221,002	46,062	-	267,064	-
State Pension obligations	173,678	24,348	-	198,026	-
Premium on bonds*	118,222	33,292	(15,347)	136,167	15,659
Worker’s compensation costs	63,913	18,893	(15,762)	67,044	10,392
EPC obligations*	57,950	-	(3,796)	54,154	3,963
Compensated absences	48,383	32,458	(30,182)	50,659	7,495
Total long-term liabilities – governmental activities	\$3,049,382	\$ 482,572	\$ (195,707)	\$ 3,336,247	\$ 229,223

Note: \* These items are combined for the net related debt calculation on the Statement of Net Position section entitled Net Position – Net investment in capital assets. # For capital leases, principal payments were made by monies held by the trustees to show a net reduction of zero.

The Treasurer’s Office negotiated financing for the EPC obligations in the amount of \$54,154,000; certain agencies have a Maryland Energy Administration (MEA) State Agency Loan Program (SALP) loan totaling \$5,151,000. The current portion that is due within one year is the principal due to the Treasurer’s Office in the amount of \$3,515,000 and the agencies SALP portion in the amount of \$448,000; see footnote 17 for additional program details.

The Department’s long-term liabilities, other than consolidated transportation bonds, are generally liquidated through the special revenue fund. The Department estimates there are no material liabilities for arbitrage rebates as of June 30, 2014.

**11. Transportation bonds:**

The Department issues Consolidated Transportation Bonds to provide funds for the acquisition and construction of major capital facilities. Consolidated Transportation Bonds are limited obligations issued by the Department for highway, port, airport, rail or mass transit facilities or any combination of such facilities. The principal must be paid within 15 years from the date of issue. As provided by law, the General Assembly shall establish in the budget for any fiscal year a maximum outstanding aggregate amount of these Consolidated Transportation Bonds as of June 30 of the respective fiscal year that does not exceed \$4,500,000,000. The aggregate principal amount of those bonds that were allowed to be outstanding as of June 30, 2014, was \$2,292,670,000. The aggregate principal amount of Consolidated

Transportation Bonds outstanding as of June 30, 2014, was \$1,812,670,000. Consolidated Transportation Bonds are paid from the Debt Service Fund.

The Department’s Transportation Bonds outstanding as of June 30, 2014, were as follows:

*(amounts expressed in thousands)*

	<b>Interest Rates</b>	<b>Amount</b>
Consolidated Transportation Bonds - due serially through 2029 – for state transportation activity	2.0-5.5%	\$1,641,855
Consolidated Transportation Bonds, refunding – due serially through 2019 – for state transportation activity	5.0%	170,815
<b>Total consolidated transportation bonds</b>		<b>\$1,812,670</b>

Principal and interest on Consolidated Transportation Bonds are payable from the proceeds of certain excise taxes levied by statute, a portion of the corporate income tax and a portion of the State sales tax credited to the Department. These amounts are applicable to the extent necessary for that exclusive purpose before being available for other uses by the Department. If those tax proceeds become insufficient to meet debt service requirements, other receipts of the Department are available for that purpose. The holders of such bonds are not entitled to look to other State resources for payment. Under the terms of authorizing bond resolutions, additional Consolidated Transportation Bonds may be issued provided, among other conditions, that (i) total receipts (excluding Federal funds for capital projects, bond and note proceeds and other receipts not available for debt service), less administration, operation and maintenance expenses for the preceding fiscal year, equal at least two times the maximum annual debt service on all Consolidated Transportation Bonds outstanding and to be issued, and (ii) total proceeds from pledged taxes equal at least two times the maximum annual debt service on all consolidated transportation bonds outstanding and to be issued.

County Transportation Bonds are issued by the Department and the proceeds are used by participating counties and Baltimore City to fund local road construction, reconstruction and other transportation projects and facilities and to provide local participating funds for Federally-aided highway projects. Debt service on these bonds is payable from the participating counties’ and Baltimore City’s share of highway user revenues. Legislation was enacted during the 1993 session of the General Assembly that established an alternative county transportation bond program. This new legislation provides features similar to the previous program except that the county transportation debt will be the obligation of the participating counties rather than the Department. Unexpended bond proceeds in the amount of \$20,968,000 and certain debt service sinking fund amounts aggregating \$10,644,000 were invested in money market accounts as of June 30, 2014. These funds are reported as restricted cash and cash equivalent in the agency funds. The two amounts are restricted for project funds and county bond debt service respectively. \$94,930,000 in County Transportation Revenue Bonds was outstanding on June 30, 2014.

On December 12, 2013 consolidated transportation bonds in the amount of \$225,000,000 were issued by the Department with a premium of \$20,568,000. These bonds are dated December 12, 2013 with maturities ranging from December 1, 2016 to December 1, 2028 at an interest rate ranging from 3.0-5.0%. On June 26, 2014, consolidated transportation bonds in the amount of \$100,000,000 were issued by the Department with a premium of \$12,724,000. These bonds are dated June 26, 2014 with maturities ranging from June 1, 2017 to June 1, 2029 at interest rates ranging from 3.0% to 5.5%.

Annual debt service requirements to maturity for transportation bonds in future years are as follows:

*(amounts expressed in thousands)*

<b>Years Ending June 30,</b>	<b>Consolidated Transportation Bonds-Principal</b>	<b>Consolidated Transportation Bonds-Interest</b>	<b>Total Transportation Bond Debt Service Requirements</b>
2015	\$ 152,415	\$ 79,989	\$ 232,404
2016	170,150	73,229	243,379
2017	205,860	64,667	270,527
2018	198,630	54,833	253,463
2019	160,920	46,038	206,958
2020-2024	670,160	132,108	802,268
2025-2029	254,535	24,966	279,501
<b>Total</b>	<b>\$ 1,812,670</b>	<b>\$ 475,830</b>	<b>\$ 2,288,500</b>

**12. Operating and Capital Leases:**

**Operating Leases:**

The Department leases office space under various agreements that are accounted for as operating leases. Rent expense under these agreements was \$2,937,000 for the year ended June 30, 2014.

The future minimum operating lease payments under these agreements as of June 30, 2014, were as follows:

*(amounts expressed in thousands)*

<b>Years Ending June 30,</b>	<b>Operating Leases Future Minimum Payments</b>
2015	\$ 3,215,193
2016	3,155,837
2017	2,960,739
2018	2,772,911
2019	2,689,279
2020 & after	5,806,454
<b>Total operating leases</b>	<b>\$ 20,600,413</b>

**Capital Leases:**

The Department has entered into several lease agreements for the financing of various transportation related projects. The Department has also entered into agreements with the Maryland Transportation Authority for the financing of various aviation projects. The Department has reported obligations under capital leases of \$594,302,000, as of June 30, 2014. The Department's activity related to capital leases is included in the table in note 10 (see section titled Changes in long-term liabilities).

The Department's capital lease obligations as of June 30, 2014, were as follows:

- \$14,515,000 in obligations related to Project Certificates of Participation for the Maryland Aviation Administration Facilities, Series 2010 (refunding), issued on December 1, 2010, at annual interest rates ranging from 3.00-5.00%;

- \$10,950,000 in obligations related to Project Certificates of Participation for the Maryland Transit Administration Project, Series 2010 (refunding), issued on December 1, 2010, at annual interest rates ranging from 3.00-5.00%;
- \$3,800,000 in obligations related to Certificates of Participation for the BWI Marshall Airport Shuttle Bus Fleet Acquisition, Series 2004, issued on October 7, 2004, at annual interest rates ranging from 2.75-3.60%;
- \$19,225,000 in obligations related to Certificates of Participation for the Maryland Port Administration Facility Project, Series 2006, issued on June 14, 2006, at annual interest rates ranging from 4.25-5.25%;
- \$8,361,000 for the Authority's financing of the MPA's Masonville Automobile terminal at an annual interest rate of 5.5%;
- \$177,525,000 for the Maryland Economic Development Corporation bond issuance for the Maryland Aviation Facilities, issued on April 3, 2003, at annual interest rates ranging from 4.5-5.5%;
- \$18,720,000 for the Maryland Economic Development Corporation bond issuances for the financing of the Department's headquarters building, original bonds issued on June 27, 2002, refunding bonds issued May 25, 2010 at annual interest rates ranging from 3.0-4.5%;
- \$158,594,000 on long-term obligations related to the financing of BWI Marshall Airport parking and roadway projects. Bonds associated with this agreement were issued by the Maryland Transportation Authority in the amount of \$264,075,000 on March 5, 2002, and refunded on April 25, 2012, with annual interest rates ranging from 4.0 - 5.0%; the total liability is \$171,180,000 (less monies the Authority's trustee is holding);
- \$89,454,000 on long-term obligations related to the financing of BWI Marshall Airport Consolidated Rental Car Facility. Bonds associated with this agreement were issued by the Authority in the amount of \$117,345,000 on June 18, 2002, at annual interest rates ranging from 2.74-6.65%; the total liability is \$96,495,000;
- Variable rate demand bonds for BWI Marshall Airport's various airport improvement projects were issued by the Authority in the amount of \$69,700,000 on December 16, 2003, at a variable interest rate. The total liability is \$0; the final payment date was July 1, 2013.
- \$44,899,000 minimum payments, for the financing of certain airport facilities project located at BWI Marshall Airport including construction of a connector hallway between Concourse B and C. Bonds were issued by Maryland Transportation Authority on April 25, 2012, in the amount of \$50,905,000 at annual interest rates ranging from 4.0 - 5.0%; As of June 30, 2014, the total liability is \$47,275,000 (less monies the Authority's trustee is holding);
- \$48,259,000 on long-term obligations related to the financing of BWI Marshall Airport's runway safety and paving improvement projects. Bonds were issued by the Maryland Transportation Authority on December 13, 2012, in the amount of \$92,070,000 fixed rate bonds with interest rates ranging from 2.0-4.0% and \$43,400,000 of variable rate demand bonds. As of June 30, 2014, the interest rate on the variable rated bonds was .09%. Total liability is \$130,010,000 (less monies the Authority's trustee is holding).

As bond proceeds are spent for construction, the Department's liability (or minimum payments) and related capital assets will increase, accordingly. Once construction is completed, the Construction in Progress asset will become a Building or Infrastructure asset.

The future minimum capital lease obligations and the net value of these minimum lease payments as of June 30, 2014, were as follows:

*(amounts expressed in thousands)*

<b>Years Ending June 30,</b>	<b>Amount</b>
2015	\$ 66,601
2016	66,587
2017	65,208
2018	63,646
2019	63,566
2020-2024	299,208
2025-2029	228,278
2030-2034	88,035
Total minimum lease payments	941,129
Less: amount representing interest	243,073 (a)
Less: funds held by bond trustee	103,754 (b)
Value of minimum lease payments	\$ 594,302

(a) The interest represents 25.8% of the total minimum lease principal payments due.

(b) The reduction shown in the amount of \$103,754,000 are monies held by the bond trustee on behalf of the Maryland Transportation Authority to be used for construction and Debt service reserve fund expenditures.

The capital assets acquired through capital leases as of June 30, 2014 were as follows:

*(amounts expressed in thousands)*

<b>Capital Asset</b>	<b>Amount</b>
Construction in progress	\$ 171,688
Land and improvements	20,990
Buildings and improvements	855,959
Machinery and equipment	66,474
Infrastructure	286,527
Total acquired capital assets	1,401,638
Less: accumulated depreciation	440,730
Total capital assets – net	\$ 960,909

### **13. Pollution Remediation Obligations:**

The Department has recognized a pollution remediation obligation on the Statement of Net Position for governmental activities. A pollution remediation obligation is an obligation to address the current or potential detrimental effects of existing pollution by participating in pollution remediation activities, including pre-cleanup activities, cleanup activities, government oversight and enforcement, and post remediation monitoring. Obligating events that initiate the recognition of a pollution remediation liability include any of the following: (a) There is an imminent and substantial endangerment to the public; (b) The Department is in violation of a pollution prevention related permit or license; (c) The Department is identified as a responsible party or potentially responsible party by an environmental regulator; (d) The Department is named or has evidence that it will be named in a lawsuit to participate in pollution remediation; or (e) The Department voluntarily commences, or legally obligates itself to commence, cleanup activities, monitoring or operations and maintenance of pollution remediation efforts.

The pollution remediation obligation is an estimate and subject to change resulting from price increases or reductions, technology advances or from changes in applicable laws or regulations. The liability is recognized as it becomes estimable. In some cases, this may be at inception. In other cases, components of a liability are recognized as they become reasonably estimable. At a minimum, the liability is reviewed for sufficiency when various benchmarks occur and as remediation is implemented and monitored. The measurement of the liability is based on the current value of outlays to be incurred using the expected cash flow technique. This technique measures the sum of probability-weighted amounts in a range of possible potential outcomes – the estimated mean or average.

The Department's pollution remediation liability as of June 30, 2014, is estimated to be \$156,161,000 for cleanup projects at the SHA, the MPA, the MTA and the MAA with no expected recoveries from third parties to reduce the liability. Included in this liability are cost estimates for site monitoring and repair excavation of road and infrastructure, and replacement of buildings as a result of contaminations by hazardous materials under Federal and State law. In these cases, either the Department has been named in a lawsuit by a State Regulator or the Department has legally obligated itself under the Environmental Article, Section 7-201, of the Annotated Code of Maryland. These cost estimates for the Department's pollution remediation, due to site contamination from hazardous materials, are based on engineering design estimates. The estimated long-term costs that the Department may be responsible for over the next 15 years include: various cleanup projects related to several MTA construction sites and projects related to cleanup of underground hazardous substances at one of the MPA's marine terminals. The MPA is only responsible for 23% of the total remediation costs. The Department did not incur any significant costs to reduce the liability or identify any new technology that would change the liability during the current fiscal year ended June 30, 2014.

#### **14. Other Postemployment Benefits (OPEB):**

##### **State Employee and Retiree Health and Welfare Benefits Program of Maryland:**

###### **Plan Description:**

The members of the Maryland State Retirement, Pension and Law Enforcement Officers' Systems and their dependents are provided postemployment health care benefits through the State Employee and Retiree Health and Welfare Benefits Program (OPEB Plan). The OPEB Plan is a single-employer defined benefit health care plan established by the State Personnel and Pensions Article, Section 2-501 through 2-516 of the Annotated Code of Maryland. The OPEB Plan is self-insured to provide medical, hospitalization, prescription drugs and dental insurance benefits to eligible State employees, retirees and their dependents. State law grants authority to establish and amend benefit provisions to the Secretary of the DBM. In addition, the Secretary of DBM shall specify by regulation the types or categories of State employees who are eligible to enroll, with or without State subsidies, or who are not eligible to enroll.

Effective June 1, 2004, the State of Maryland established the Postretirement Health Benefits Trust Fund (OPEB Trust) as a separate entity to receive appropriated funds and contributions which will be used to assist the OPEB Plan in financing the State's postretirement health insurance subsidy. The OPEB Trust is established in accordance with the State Personnel and Pensions Article, Section 34-101, of the Annotated Code of Maryland and is administered by the Board of Trustees for the State Retirement and Pension System. Financial statements of the OPEB Trust may be obtained from the Office of the Maryland Comptroller, Treasury Building, Annapolis, MD 21401. A separate valuation is not performed by the Department. The Department's only obligation to the OPEB Plan is its required annual contribution.



**Funding Policy:**

The contribution requirements of the OPEB Plan members and the State are established by the DBM Secretary. Each year the DBM Secretary recommends to the Maryland Governor the State’s share of the costs of the OPEB Plan. Beginning in fiscal year 2008, Maryland State law requires DBM to transfer any subsidy received as a result of the Federal Medicare Prescription Drug Improvement Act of 2003 or a similar subsidy to the OPEB Trust to prefund the costs of retirees’ health benefits. Also, funds may be separately appropriated in the State’s budget to transfer to the OPEB Trust.

Generally, a retiree may enroll and participate in the health benefit options if the retiree retired directly from State service with at least five years of creditable service, ended State service with at least 10 years of creditable service and within five years before the age at which a vested retirement allowance normally would begin or ended State service with at least 16 years of creditable service. Based on current practice, the State subsidizes approximately 50 to 85% of retiree premiums to cover medical, dental, prescription and hospitalization costs, depending on the type of insurance plan. The OPEB Plan is a cost sharing plan with the State of Maryland and assesses a charge to retirees for post-employment health care benefits, which is based on health care insurance charges for current employees. The Department’s share of these retirees health insurance costs were \$21,798,000 for the year ending June 30, 2014, and was included in the health care costs allocated to all participating employers.

The Schedule of MDOT’s Employer Contributions for the OPEB Plan is as follows:

*(amounts expressed in thousands)*

<b>Fiscal Year Ended June 30,</b>	<b>Annual Required Contribution</b>	<b>Annual Contribution Paid</b>	<b>Net OPEB Obligation</b>	<b>Percentage Contributed</b>
2012	\$ 24,526	\$ 24,526	\$ -	100.0 %
2013	28,981	28,981	-	100.0
2014	21,798	21,798	-	100.0

**Maryland Transit Administration Pension Plan - OPEB:**

**Plan Description:**

The members of the MTA Plan are provided post-employment health care benefits through the State Employee and Retiree Health Plan or the MTA Health Plan. The MTA currently funds retirees’ health care cost on a pay-as-you-go basis. As retirees incur expenses, the MTA pays out funds based on the appropriate benefit structure. The MTA does not currently have a separate fund set aside to pay health care costs. The MTA provides health care coverage for over 1300 retirees. Retirees make the same contributions as active employees; however, Medicare contributions are handled separately.

**Funding Policy:**

The Department is required by law to provide funding each year to the OPEB Plan for the Department’s share of the pay-as-you-go amount necessary to provide current benefits to retired employees and their dependents. The MTA healthcare benefits including Medical (PPO or HMO), prescription drug, dental and vision plans are provided to retirees meeting the following eligible criteria:

1. Age 65 with 5 years of service
2. Age 52 with 30 years of service
3. Age 55 with at least 30 years of service, including military and other qualifying service credits
4. Disabled with 5 years of service
5. Surviving spouse subsidized benefit for 3 years

**Annual OPEB Costs and Net OPEB Obligation:**

The Department's annual OPEB cost, related to the MTA Plan, is calculated based on the annual required contribution (ARC), an amount actuarially determined in accordance with the parameters of accounting principles generally accepted in the United States of America. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal costs each year and amortize any unfunded liabilities over a period not to exceed 30 years.

The annual OPEB cost and net OPEB obligation for the MTA Plan as of June 30, 2014 was:

*(amounts expressed in thousands)*

Annual Required Contribution (ARC)	\$ 70,512
Interest on OPEB obligations	9,393
Adjustment to the OPEB cost	(15,460)
Annual OPEB cost	64,445
Contributions made in current fiscal year	(18,383)
Increase in OPEB obligation	46,062
Net OPEB obligation beginning of year	221,002
Net OPEB obligation end of fiscal year	\$ 267,064

The three-year historical trend information for the MTA Plan is as follows:

*(amounts expressed in thousands)*

Fiscal Year Ended June 30,	Annual				Percentage Contributed
	Annual OPEB Cost	Contribution Paid	Net OPEB Obligation		
2012	\$ 52,211	\$ 15,103	\$ 169,285	28.9 %	
2013	65,864	14,147	221,003	21.5	
2014	64,444	18,383	267,064	28.5	

**Funded Status and Funding Progress:**

The funded status of the OPEB Plan for the MTA Plan is as follows:

*(amounts expressed in thousands)*

Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded Actuarial Liability (UAAL)	Actuarial Accrued Covered Payroll	Percentage of UAAL over Covered Payroll
6/30/2009	\$ -	\$ 431,500	\$ 431,500	\$ 151,560	284.7 %
6/30/2011	-	527,679	527,679	147,474	357.8
6/30/2013	-	670,833	670,833	137,596	487.5

**Actuarial Methods and Assumptions:**

An actuarial valuation of an ongoing plan involves estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality and healthcare cost trends. Actuarially determined amounts are subject to continual revision as actual results are compared with the past expectations and new estimates are made about the future.

A projection of benefits for financial reporting purposes are based on the substantive plan and includes the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and the plan members to that point. The actuarial methods and

assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The actuarial method and significant assumptions listed below were used in the actuarial valuation of the OPEB Plan for the MTA Plan as of June 30, 2014, was as follows:

Actuarial Cost Method:	Entry Age Normal, Level Dollar
Asset Valuation Method:	Market Value
Amortization Method:	Level dollar
Status of Period (open or closed):	Closed
Remaining Amortization Period:	21 years as of June 30, 2014
Rate of Return on Investments:	4.25%
Projected Inflation Rate:	4.5%
Projected Post-retirement Cost Rate:	Medical/Prescription 8.0%/9.0% in FY2014 and decreasing to 4.5% over 12 years Dental/Vision: 4.5% per year Administrative Expenses 4.0% per year

## **15. Retirement Systems and Pension Plans:**

### **State Retirement and Pension System of Maryland:**

The Department contributes to the State Retirement and Pension System of Maryland (System), established by the State to provide pension benefits for State employees (other than employees covered by the MTA Plan described below) and employees of various participating political subdivisions or other entities within the State. The non-State entities that participate within the System receive separate actuarial valuations in order to determine their respective funding levels and actuarial liabilities. While the System is an agent multiple-employer public employee retirement system, the Department accounts for the plan as a cost sharing multiple-employer public employee retirement system as a separate valuation is not performed for the Department and the Department's only obligation to the plan is its required annual contributions. Retirement benefits are paid from the System's pooled assets rather than from assets relating to a particular plan participant. Consequently, the System is accounted for as a single plan as defined in GASB Statement No. 25, *Financial Reporting for Defined Benefit Pension Plans and Note Disclosure for Defined Contribution Plans*. The System is considered part of the State's financial reporting entity, and is not considered part of the Department's reporting entity. The System prepares separate audited Financial Statements, which can be obtained from the State Retirement and Pension System of Maryland, 120 East Baltimore Street, Suite 1600, Baltimore, MD 21202.

#### **Plan description:**

The System is administered in accordance with State Personnel and Pensions Article of the Annotated Code of Maryland and consists of several plans which are managed by the Board of Trustees for the System. All State employees, with the exception of employees covered by the Maryland Transit Administration Pension Plan, and employees of the participating entities are covered by the plans.

“Retirement System” – retirement programs for substantially all State employees, teachers, State police and judges who are not members of the State Pension System.

“Pension System” – retirement programs for employees and teachers hired after January 1, 1980, and prior employees who have elected to transfer from the Retirement System.

The System provides retirement, death and disability benefits in accordance with State statutes. Vesting begins after completing 5 years of service. A member terminating employment before attaining retirement age but after completing 5 years of service becomes eligible for a vested retirement allowance

provided the member lives to age 60 (age 62 for the Pension System, age 50 for State Police) and does not withdraw his or her accumulated contributions. Members of the Retirement System may retire with full benefits after attaining the age of 60 or completing 30 years of service credit, regardless of age. Members of the Pension System may retire with full benefits after attaining age 62 or after completing 30 years of service credit, regardless of age. State police members may retire with full benefits after attaining age 50 or completing 22 years of service credit, regardless of age. Members of the Law Enforcement Officers System may retire with full benefits at age 50 or completing 25 years of service credit, regardless of age.

The annual benefit for Retirement System members is equal to 1/55 (1.8%) of a member's highest three-year average salary multiplied by the number of years of service credit. A member may retire with reduced benefits after completing 25 years of service, regardless of age. Legislation enacted during the 1998 legislative session changed certain provisions of the Pension System and provided for a Contributory Pension System and a Non-Contributory Pension System. A member of the Contributory Pension System will generally receive, upon retirement, an annual service retirement allowance equal to 1.2% of the member's highest three-consecutive-year average salary multiplied by the number of years of service credit on or before June 30, 1998, plus 1.4% of the highest three-consecutive-year average salary multiplied by the number of years of service credit after July 1, 1998. The annual benefit for the Non-Contributory Pension System member is equal to 0.8% of the member's highest three-consecutive-year average salary multiplied by the number of years of service credit, with a provision for additional benefits for compensation earned in excess of the Social Security wage base. A member of either Pension System may retire with reduced benefits after attaining age 55 and completing 15 years of credited service.

On April 25, 2006, legislation was enacted with an effective date of July 1, 2006, that enhanced the pension benefits for active members, as of June 30, 2006, of the Pension System. According to the State Employees and Teacher's Pension Enhancement Benefit Act of 2006, the annual service retirement allowance remains equal to 1.2% of average final compensation times service credit to June 30, 1998 and increases to 1.8% of average final compensation times service credit from July 1, 1998 forward.

**Funding policy:**

The Department's required contributions are based upon actuarial valuations. Effective July 1, 1980, in accordance with the law governing the Systems, all benefits of the System are funded in advance. The aggregate entry age normal cost method is the actuarial cost method used to determine the employers' contribution rates and the actuarial accrued liability. Members of the Retirement System are required to contribute to the System a fixed percentage of their regular salaries and wages (7.0% or 5.0% depending on the retirement plan selected). Members of the Contributory Pension System are required to contribute to the System 5.0% of their regular salaries and wages. Members of the Non-Contributory Pension System are required to contribute to the System 5.0% of their regular salaries and wages that exceeds the Social Security wage base. State Police members are required to contribute 8.0% of their regular salaries and wages to the System. Members of the Law Enforcement Officers Pension System are required to contribute 4.0% of their earnable compensation to the System. All contributions are deducted from each member's salary, and the resulting payments are remitted to the System on a regular and periodic basis.

Beginning July 1, 2011, the General Assembly enacted pension reforms affecting both current active members and new hires. The member contribution rate was increased for members from 4% to 6% in fiscal year 2014 and 7% in fiscal year 2014 and beyond for members of the Law Enforcement Officers' Pension System. In addition, the benefit attributable to service on or after July 1, 2011 in many of the

pension systems now will be subject to different cost-of-living adjustments (COLA) that is based on the increase in the Consumer Price Index (CPI) and capped at 2.5% or 1.0% based on whether the market value investment return for the preceding calendar year was higher or lower than the investment return assumption used in the valuation (currently 7.75%). There were also changes to the provisions for members hired on or after July 1, 2011. The actuarial valuation as of June 30, 2014 was the first valuation which included members covered under the Reformed Benefit Plans applicable to members hired on or after July 1, 2011.

The contribution requirements of the System members and the Department are established and may be amended by the Board of Trustees for the System. The Department made its contribution during the fiscal years ended June 30, 2014, 2013 and 2012 in the amount of \$51,941,000, \$44,634,000, and \$38,671,000, respectively, which represented 71.8%, 64.6%, and 58.5%, respectively; of the required contributions for the Department. As of June 30, 2014, the Department has a cumulative obligation of \$194,092,000, which includes the interest accrual on the unpaid contribution amount. The Department has reported this obligation for required contributions related to employee services that have not been made to the cost-sharing plan.

The three-year historical trend information for the Department’s portion of the State Retirement and Pension System of Maryland is as follows:

*(amounts expressed in thousands)*

Fiscal Year Ended June 30,	Annual Pension Cost	Annual Contribution Paid	Net Pension Obligation	Percentage of Required Contributions
2012	\$ 66,050	\$ 38,671	\$149,232	58.5 %
2013	69,080	44,634	173,678	64.6
2014	76,289	51,941	198,026	68.1

**Maryland Transit Administration Pension Plan:**

**Plan description:**

The MTA Plan is a single employer noncontributory plan that covers all MTA employees covered by a collective bargaining agreement and all those management employees who were employed by the Baltimore Transit Company. In addition, employees who enter the management group as a result of a transfer from a position covered by a collective bargaining agreement maintain their participation. The MTA Plan is part of the Department’s financial reporting entity and is included in the Department’s financial statements as a Pension Trust Fund. The MTA Plan prepares separate audited Financial Statements, which can be obtained from the MTA Plan, William Donald Schaefer Tower, 8 Saint Paul Street, Baltimore, Maryland 21202. The Plan is administered and funded in compliance with the collective bargaining agreements, which established the Plan.

The Plan and the reports can be found on the MDOT website at the following link:

[http://www.mdot.maryland.gov/Office\\_of\\_Finance/index.html](http://www.mdot.maryland.gov/Office_of_Finance/index.html)

**16. Risk Management and Insurance:**

**Workers’ Compensation:**

The Department is self-insured for workers’ compensation liabilities. The Department’s workers’ compensation self-insured liabilities are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. Liabilities include an amount for claims that have been incurred but not reported. Because actual claims liabilities depend on such complex factors as inflation,

changes in legal doctrines, and damage awards, the process used in computing claims liabilities does not necessarily result in an exact amount. Claims liabilities are reevaluated periodically to take into consideration recently settled claims, the frequency of claims, and other economic and social factors. Liabilities for incurred workers' compensation losses to be settled by fixed or reasonably determined payments over a long period of time are reported at their present value using a 4% discount rate. The workers' compensation costs are based upon separately determined actuarial valuations for the fiscal year ended June 30, 2014.

The Department's workers' compensation self-insurance program is administered by the Injured Worker's Insurance Fund under a contract which requires that the Department pay premiums based upon loss experience plus a proportionate share of administrative costs. In the event of termination of the contract, the Department is obligated for any premium deficiency at the time of termination. The Department's accrued workers' compensation costs, as of June 30, 2014, were \$67,044,000.

The activity related to accrued workers' compensation costs is included in the table in note 10 (section titled Changes in long-term liabilities). Changes in the balances for the Department's workers' compensation liability during the past two fiscal years are as follows:

*(amounts expressed in thousands)*

	<b>Fiscal Year Ended June 30, 2014</b>	<b>Fiscal Year Ended June 30, 2013</b>
Unpaid claims, beginning of fiscal year	\$ 63,913	\$ 61,879
Incurred claims and changes in estimates	18,893	17,833
Claim payments	(15,762)	(15,799)
<b>Total unpaid claims, end of fiscal year</b>	<b>\$ 67,044</b>	<b>\$ 63,913</b>

**Insurance:**

The operations of the MAA, MPA and MTA are covered by commercial liability insurance policies and many claims are handled by the Department's insurance carriers. The MAA's two facilities, Baltimore Washington International Thurgood Marshall Airport and Martin State Airport, are covered by an airport owners and operators general liability insurance policy providing coverage per occurrence up to \$750,000,000 for bodily injury and property damage. This policy contains the war, hi-jacking and other perils endorsement for \$150,000,000 due to the events of September 11, 2001.

The MPA's liability insurance policies, including excess liability policies, provide insurance up to \$150,000,000 per occurrence for its port operations. These policies cover liability for both injury and property damage.

The MTA operations are covered by \$495,000,000 in excess liability insurance over and above the MTA's \$5,000,000 self-insurance retention. For CSX and Amtrak commuter service, the MTA has purchased insurance to cover its contractual obligations. The insurance provides coverage for excess liability claims of \$5,000,000 to \$495,000,000; claims under \$5,000,000 are self-insured by the Department. However, to comply with the provisions of the operating agreement with CSX, the MTA has entered into a \$5,000,000 standby letter of credit against which CSX may draw in the event claims exceed, in the aggregate for an occurrence, the amount of \$250,000. No claims were made against the letter of credit during the current fiscal year. In addition, the excess liability policies provide punitive damages liability coverage and Federal Employee Liability Act coverage to CSX arising from commuter rail operations for claims ranging from \$5,000,000 to \$495,000,000.

The amount of any settlements, within the Department, did not exceed the insurance coverage in each of the past three fiscal years. For those areas not covered by purchased insurance, the State Treasurer has a program of self-insurance for tort claims. By statute, bodily injury, personal injury or property damages are limited to claims of \$200,000 per claimant under the established self-insurance program.

**17. Energy Performance Contract (EPC):**

The Department of General Services (DGS) implemented an Energy Performance Contract program for the Department in fiscal year 2011, with a goal to reduce Maryland’s energy consumption through energy efficiency projects. The Treasurer’s Office secured the financing required to fund the construction of the improvements. The savings resulting from the projects are used to offset the costs of the services.

The SHA, MTA, MAA and the MPA participated in the EPC. MPA is the only remaining administration in construction and should be fully completed in fiscal year 2015. The assets related the project for the fiscal year ended June 30, 2014, are included on the Department’s Statement of Net Position in the amount of \$40,781,000 and due from EPC Assets for \$4,009,000. As of June 30, 2014, the total amount due in long-term liability for EPC obligations is \$54,154,000.

**18. Construction Commitments:**

The Department has active construction commitments outstanding as of June 30, 2014 of approximately \$4,056,537,000, principally for construction of highway, port, motor vehicle, aviation and transit projects. Approximately 34.2% of future expenditures, related to these commitments of the Department, are expected to be reimbursed from proceeds of approved Federal grants when the actual costs are incurred. The remaining balance will be funded by other financial resources of the Department, including the issuance of long-term debt.

As of June 30, 2014, the Department’s commitments with contractors were as follows:

*(amounts expressed in thousands)*

<b>Construction projects</b>	<b>Spent-to-date</b>	<b>Remaining commitment</b>
Highway construction	\$ 1,839,038	\$ 1,995,619
Port construction	467,865	233,778
Motor vehicle construction	174,505	136,431
Transit construction	1,403,868	1,196,125
Aviation construction	415,947	494,584
Total projects	\$ 4,301,223	\$ 4,056,537

**19. Related Party Transactions:**

Various State of Maryland agencies provide services for the Department for which they are reimbursed from the Department. During fiscal year 2014, such reimbursements are reflected as Distributions to other state agencies in the Special Revenue Fund.

**20. Federal Revenue:**

Federal revenue consists principally of grants from the Federal Transit Administration for rail and bus projects for the Baltimore region and from the Federal Highway Administration in connection with highway construction projects. In addition, the Department receives Federal grants to aid in planning, design and construction of transportation facilities and to support the mass transit operations. Entitlement to the resources is generally conditioned upon compliance with terms and conditions of the grant agreements and applicable federal regulations including the expenditure of the resources for

eligible purposes. Substantially all grants are subject to financial and compliance audits by the grantors. Any disallowances as a result of these audits become a liability of the Department. As of June 30, 2014, the Department estimates that no material liabilities will result from such audits.

**21. Passenger Facility Charges (PFC):**

The Aviation Safety and Capacity Expansion Act of 1990 (the “1990 Safety Act”), enacted by the United States Congress (“Congress”), allows a public agency to impose an airport Passenger Facility Charge for enplaned passengers. The proceeds of such PFCs are to be used to finance eligible airport-related construction projects, as approved by the Federal Aviation Administration (the “FAA”). The MAA received FAA approval in July 1992 to collect PFCs for four projects. The MAA amended its PFC program in April 1994 to increase the total to six projects.

The Aviation Investment and Reform Act for the 21<sup>st</sup> Century, enacted by Congress in April of 2000, together with the 1990 Safety Act, increased the maximum per passenger PFC allowed to be charged by qualifying airports from \$3.00 to \$4.50. In June 2002, the MAA received FAA approval to increase its collection level to \$4.50 to support PFC approved projects in MAA’s capital program. The FAA further allows the MAA to impose and use PFCs for the payment of debt service for bonds used to fund PFC approved projects (see note 12 Operating and Capital Leases). PFC collections not needed for debt service are used for PFC approved paygo projects. The FAA approved additional applications for PFC eligible projects in June 2006, July 2007, February 2008, September 2010, March 2012 and September 2012. In October 2014 an additional PFC application was approved for additional project financing (see note 24 Subsequent Events for additional details).

**22. Rent Revenue:**

The Department leases terminal space at various marine terminals (including the Seagirt Marine Terminal), airport facilities and office space in the World Trade Center building, Baltimore, Maryland, pursuant to various operating leases. The Department’s total minimum future rental revenues totaled \$797,608,000 as of June 30, 2014 and do not include contingent rentals that may be received under certain concession leases on the basis of a percentage of the concessionaire's gross revenue in excess of stipulated minimums. Rental revenues collected included in operations were approximately \$147,356,000 for the year ended June 30, 2014. Assets of the Department under lessor operating lease agreements, totaling \$1,239,865,000 are included in the Capital assets, net of accumulated depreciation in the amount of \$653,361,000 on the Statement of Net Position.

Minimum future rental revenues for the Department are as follows:

*(amounts expressed in thousands)*

<b>Year Ending June 30,</b>	<b>Operating Leases Minimum Future Rental Revenues</b>
2015	\$ 128,373
2016	121,107
2017	118,587
2018	115,851
2019	115,366
2020-2024	194,888
2025-2029	3,437
<b>Total</b>	<b>\$ 797,608</b>



**23. Net Position/Fund Balance:**

The unrestricted deficit for the governmental activities on the government-wide statement of net position is \$363,200,000.

Nonspendable fund balance is reported for a portion of the Special Revenue Fund balance in the amount of \$84,980,000 that is for inventories of supplies, while the amount of \$107,891,000 is recorded for prepaid items as of June 30, 2014.

Restricted fund balance is reported for the Debt Service fund in the amount of \$12,331,000 which relates to the premium for the retirement of transportation bonds.

The commitment of fund balance requires formal action by a government's highest level of decision-making authority. The assignment of fund balance is based on an authorization policy established by the governing body pursuant to which that authorization is given. Committed fund balance is reported for the Department's encumbrance balance in the amount of \$26,989,000, as of June 30, 2014.

Assigned fund balance is reported in the amount of \$576,000 as of June 30, 2014 and represents non-budgeted agency activities. The amount that represents the balance in the Department's Transportation Trust Fund for future transportation programs is \$134,703,000 as of June 30, 2014.

**23. Contingent Liabilities:**

The Department is involved in numerous lawsuits arising in the normal course of its operations, including actions commenced and claims asserted against the Department for alleged property damage, personal injury, breaches of contract or other alleged violations of law. Additionally, the Department is currently involved in certain legal proceedings relative to a case concerning unreasonable discrimination and mass transit accident cases concerning train passenger injuries or death. In the opinion of Department officials, based on the advice of the Attorney General, such matters are covered by insurance or otherwise would not have a materially adverse effect on the Department's financial position as of June 30, 2014. Also, the Department believes no material exposure from unasserted claims exists as of June 30, 2014.

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**Maryland Department of Transportation  
Comprehensive Annual Financial Report**



**REQUIRED SUPPLEMENTARY INFORMATION**

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Required Supplementary Information**  
**Schedule of Funding Progress**  
**Maryland Transit Administration OPEB Plan**  
*(amounts expressed in thousands)*

<b>Actuarial Valuation Date</b>	<b>Actuarial Value of Assets</b>	<b>Actuarial Accrued Liability-Entry Age</b>	<b>Unfunded Actuarial Accrued Liability</b>	<b>Funded Ratio (percent)</b>	<b>Covered Payroll</b>	<b>Unfunded Actuarial Accrued Liability as Percentage of Covered Payroll</b>
2009	\$ -	\$ 431,500	\$431,500	- %	\$151,560	284.71 %
2011	-	527,679	527,679	-	147,474	357.81
2013	-	670,833	670,833	-	137,596	487.54

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Required Supplementary Information**  
**Schedule of Employer Contributions**  
**Maryland Transit Administration OPEB Plan**  
*(amounts expressed in thousands)*

<b>Year Ended June 30,</b>	<b>Annual Required Contribution</b>	<b>Annual Contribution Paid</b>	<b>Percentage of Required Contributions</b>
2009	\$ 43,900	\$ 10,100	23.0 %
2010	45,500	10,900	24.0
2011	51,268	14,230	27.8
2012	55,852	15,103	27.0
2013	70,512	14,147	20.1
2014	64,444	18,383	28.5

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Required Supplementary Information**  
**Special Revenue Funds**  
**Schedule of Revenues, Expenditures and Changes in Fund Balances - Budget and Actual**  
**For the Year Ended June 30, 2014**  
*(amounts expressed in thousands)*

	Special Fund				Federal Fund			
	Budgeted Amounts		Actual Amounts	Variance with Final Budget - Positive (Negative)	Budgeted Amounts		Actual Amounts	Variance with Final Budget - Positive (Negative)
	Original	Final			Original	Final		
<b>REVENUES:</b>								
Taxes:								
Motor vehicle taxes and fees	\$ 1,445,892	\$ 1,458,288	\$ 1,468,231	\$ 9,943	\$ -	\$ -	\$ -	\$ -
Motor vehicle fuel taxes and fees	745,400	849,350	812,915	(36,435)	-	-	-	-
Revenue sharing of state corporate income tax	180,452	153,123	162,609	9,486	-	-	-	-
Revenue sharing of state sales tax	24,461	31,828	48,653	16,825	-	-	-	-
Federal reimbursements					1,010,532	866,205	890,586	24,381
Charges for services	409,418	406,341	452,406	46,065	-	-	-	-
Investment earnings	2,000	1,000	2,154	1,154	-	-	-	-
Other	22,200	21,000	29,142	8,142	-	-	-	-
Total revenues	2,829,823	2,920,930	2,976,110	55,180	1,010,532	866,205	890,586	24,381
<b>EXPENDITURES and ENCUMBRANCES:</b>								
Current:								
General government:								
The Secretary's Office	799,674	791,913	729,460	62,453	33,089	18,389	12,949	5,440
State Highway Administration	827,591	1,009,987	890,253	119,734	554,668	513,898	621,279	(107,381)
Maryland Port Administration	160,738	142,957	122,056	20,902	449	520	288	232
Motor Vehicle Administration	193,922	204,233	195,470	8,764	18,438	20,027	9,420	10,607
Maryland Transit Administration	836,140	1,021,738	907,162	114,576	378,753	287,679	226,628	61,051
Maryland Aviation Administration	232,951	273,986	270,922	3,064	25,135	25,692	20,022	5,670
Total general government	3,051,016	3,444,815	3,115,322	329,492	1,010,532	866,205	890,586	(24,381)
Debt service:								
Principal	130,620	109,340	130,620	(21,280)	-	-	-	-
Interest	81,604	82,575	69,835	12,740	-	-	-	-
Total debt service	212,224	191,915	200,455	(8,540)	-	-	-	-
Total expenditures and encumbrances	3,263,240	3,636,730	3,315,777	320,952	1,010,532	866,205	890,586	(24,381)
Excess of revenues over expenditures	(433,417)	(715,800)	(339,667)	376,132	-	-	-	-
<b>OTHER FINANCIAL SOURCES (USES):</b>								
Proceeds from Bonds	395,000	455,000	325,000	130,000	-	-	-	-
Transfers in (out)	188,930	163,896	151,855	(12,041)	-	-	-	-
Total other financing sources and uses	583,930	618,896	476,855	117,959	-	-	-	-
Net change in fund balances	150,513	(96,903)	137,188	494,091				
Fund balances, July 1, 2013	234,580	234,580	234,580					
Fund balances, June 30, 2014	\$385,093	\$137,677	\$371,768	\$494,091	\$ -	\$ -	\$ -	\$ -

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Notes to the Required Supplementary Information**  
**For the Year Ended June 30, 2014**

**1. Stewardship, Compliance and Accountability:**

**Budgeting and budgetary control:**

The Maryland Constitution requires the Governor to submit to the General Assembly an annual balanced budget for the following fiscal year. This budget is prepared and adopted for the Special Revenue Fund, which includes the transportation activities of the Department, shared taxes and payments of debt service on transportation bonds. The budgetary Federal fund revenue and expenditures are included in the GAAP Special Revenue Fund as federal revenues and expenditures by function. An annual budget is also prepared for the Federal funds, which accounts for all Departmental grants from the Federal government.

Each year the Department prepares its annual budget and submits it to the Governor. The Governor then presents the State's annual budget (including the Department's) to the General Assembly in accordance with Constitutional requirements. The General Assembly is required to then enact a balanced budget for the next fiscal year.

The GAAP Special Revenue Fund includes both budgetary special and federal funds.

**Special fund:**

The Special fund includes all transportation activities of the Department and shared taxes with the political subdivisions.

**Federal fund:**

The Federal fund accounts for substantially all grants from the Federal government.

**Budgetary fund equities and other accounts:**

The Department's legal level of budgetary control is exercised at the agency appropriation (program) and fund level (legislative spending authority level). Encumbrances and expenditures cannot exceed appropriated amounts. Appropriation transfers between or within departments and any supplemental appropriations require both executive and legislative branch approvals. Unencumbered and unexpended appropriations lapse at fiscal year-end and become available for appropriation in the subsequent year. Encumbrance accounting is employed in governmental funds. Encumbrances (e.g., purchase orders, contracts) outstanding at year-end are reported as reservations of fund balances and do not constitute expenditures or liabilities because the commitments will be re-appropriated and honored during the subsequent fiscal year.

All Departmental budgetary expenditures for special and federal funds are made pursuant to appropriations in the annual budget, as amended from time to time. The Department may, with the Governor's approval, amend the appropriations by modal administration within the budgetary special and federal funds. Additionally, appropriations for programs funded in whole or in part from special or federal funds may permit expenditures in excess of the original special or federal fund appropriation to the extent that actual revenues exceed original budget estimates and such additional expenditures are approved by the Governor. Unexpended appropriations from special and federal funds may be carried over to the following year to the extent of (a) available resources and (b) encumbrances which are approved by the Department of Budget and Management. The Department did not receive any general fund appropriations in fiscal year 2014.

The Department's original and amended budget adopted by the General Assembly for special and federal funds is presented in the Required Supplementary Information - Special Revenue Funds - Schedule of Revenues, Expenditures and Changes in Fund Balances -- Budget and Actual -- For the Year Ended June 30, 2014 on page 67 of this report. The Department's budgetary fund structure and basis of budgeting, which is the modified accrual basis with certain exceptions, differs from that utilized to present financial statements in conformity with generally accepted accounting principles (GAAP). The budgetary system's principal departures from the modified accrual basis are the classification of the Department's budgetary funds and the timing of recognition of certain revenues and expenditures. The GAAP special revenue fund is an aggregate of the special and federal budgetary funds.

A summary of the effects of the fund structure differences and exceptions to the modified accrual basis of accounting, as of June 30, 2014, is provided in the Reconciliation of the Budgetary Special Fund, Fund Balance to the GAAP Special Revenue Fund, and Fund Balance in the Notes to the Required Supplementary Information section (see below).

**MARYLAND DEPARTMENT OF TRANSPORTATION**

**Reconciliation of the Budgetary Special Fund, Fund Balance  
to the GAAP Special Revenue Fund, Fund Balance**

**June 30, 2014**

*(amounts expressed in thousands)*

<i>Classification of budgetary fund equities and other accounts into governmental funds' fund structure:</i>	<i>Special Revenue Fund</i>
Special fund-fund balance (page 67)	\$ 371,768
Non-budgeted funds-fund balance	576
Total budgetary fund balance reclassified to GAAP fund structure	372,344
<b><u>Accounting principle and timing differences :</u></b>	
Assets recognized in governmental funds financial statements not recognized for budgetary purposes:	
Taxes receivable	3,149
Due from other state agencies	26,607
Inventories	84,980
Liabilities recognized in governmental funds financial statements not recognized for budgetary purposes:	
Unavailable Revenues	(119,610)
Financial statement governmental funds' fund balance, June 30, 2014	\$ 367,470

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**Maryland Department of Transportation  
Comprehensive Annual Financial Report**



**SUPPLEMENTARY INFORMATION**

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Statement of Changes in Assets and Liabilities**  
**Agency Funds**  
**For the Year Ended June 30, 2014**  
*(amounts expressed in thousands)*

	Balance			Balance
	July 1, 2013	Additions	Deletions	June 30, 2014
<b>ASSETS:</b>				
Cash and cash equivalents	\$ 35,823	\$ 10,645	\$ 14,856	\$ 31,612
Total assets	<u>\$ 35,823</u>	<u>\$ 10,645</u>	<u>\$ 14,856</u>	<u>\$ 31,612</u>
<b>LIABILITIES:</b>				
Accounts payable and accrued liabilities	\$ 35,823	\$ -	\$ 4,211	\$ 31,612
Total liabilities	<u>\$ 35,823</u>	<u>\$ -</u>	<u>\$ 4,211</u>	<u>\$ 31,612</u>

**Maryland Department of Transportation  
Comprehensive Annual Financial Report**



**STATISTICAL SECTION**

# MARYLAND DEPARTMENT OF TRANSPORTATION

## STATISTICAL SECTION

### JUNE 30, 2014

This part of the Maryland Department of Transportation's comprehensive annual financial report represents detailed information as a context for understanding what the information in the financial statements, not disclosures and required supplementary information says about the Department's overall financial health.

<b>Table of Contents</b>	<b>Pages</b>
<b>Financial Trends</b> These schedules contain trend information to help the reader understand how the Department's financial performance and well-being have changed over time.	<b>77-78</b>
<b>Revenue Capacity</b> These schedules contain information to help the reader assess the Department's two most significant revenue sources, the motor vehicle tax and motor vehicle fuel tax.	<b>79-82</b>
<b>Debt Capacity</b> These schedules present information to help the reader assess the affordability of the Department's current levels of outstanding debt and Department's ability to issue additional debt in the future.	<b>83-85</b>
<b>Miscellaneous Statistics</b>	<b>86</b>

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Net Position by Component**  
**Last Ten Fiscal Years**  
*(accrual basis of accounting)*

	<b>Fiscal Year Ended June 30,</b>									
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Governmental activities:</b>										
<b>Net Investment in capital assets</b>	\$ 11,888,421	\$ 12,552,326	\$ 13,047,662	\$ 13,391,594	\$ 13,349,027	\$ 13,171,279	\$ 13,068,635	\$ 13,360,456	\$ 13,819,782	\$ 14,063,378
<b>Restricted</b>	4,737	4,939	4,898	2,768	9,694	3,783	-	-	-	-
<b>Unrestricted (deficit)</b>	230,502	278,586	188,470	2,833	(62,463)	(201,647)	(205,960)	(278,008)	(324,664)	(363,200)
<b>Total governmental activities net assets</b>	\$ 12,123,660	\$ 12,835,851	\$ 13,241,030	\$ 13,397,195	\$ 13,296,258	\$ 12,973,415	\$ 12,862,675	\$ 13,082,448	\$ 13,495,118	\$ 13,700,178
<b>Primary government:</b>										
<b>Net Investment in capital assets</b>	\$ 11,888,421	\$ 12,552,326	\$ 13,047,662	\$ 13,391,594	\$ 13,349,027	\$ 13,171,279	\$ 13,068,635	\$ 13,360,456	\$ 13,819,782	\$ 14,063,378
<b>Restricted</b>	4,737	4,939	4,898	2,768	9,694	3,783	-	-	-	-
<b>Unrestricted (deficit)</b>	230,502	278,586	188,470	2,833	(62,463)	(201,647)	(205,960)	(278,008)	(324,664)	(363,200)
<b>Total primary government net position</b>	\$ 12,123,660	\$ 12,835,851	\$ 13,241,030	\$ 13,397,195	\$ 13,296,258	\$ 12,973,415	\$ 12,862,675	\$ 13,082,448	\$ 13,495,118	\$ 13,700,178

Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.

**MARYLAND DEPARTMENT OF TRANSPORTATION**

**Changes in Net Position**

**Last Ten Fiscal Years**

*(accrual basis of accounting)*

*(amounts expressed in thousands)*

	Fiscal Year Ended June 30,									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Governmental activities:</b>										
<b>Expenses:</b>										
Secretary's office	\$ 498,866	\$ 347,219	\$ 376,217	\$ 406,315	\$ 419,588	\$ 459,933	\$ 483,410	\$ 498,029	\$ 515,638	\$ 570,596
State highway administration	1,268,539	1,334,407	1,399,649	1,422,063	1,437,996	1,410,556	1,593,278	1,359,177	1,186,116	1,436,114
Port administration	142,502	159,358	187,187	152,107	189,603	186,516	107,521	115,211	87,445	99,996
Motor vehicle administration	129,129	143,531	155,700	161,796	176,300	165,933	178,529	182,839	195,803	207,342
Transit administration	576,835	528,918	617,442	683,821	782,548	818,465	1,056,590	864,702	888,137	886,966
Aviation administration	200,521	239,601	287,604	284,488	274,906	272,455	252,723	275,051	308,202	354,180
Interest on long-term debt	79,409	68,998	72,137	74,441	97,683	101,481	92,996	144,725	110,984	122,894
<b>Total governmental activities expenses</b>	<b>2,895,801</b>	<b>2,822,032</b>	<b>3,095,936</b>	<b>3,185,031</b>	<b>3,378,624</b>	<b>3,415,339</b>	<b>3,765,047</b>	<b>3,439,734</b>	<b>3,292,325</b>	<b>3,678,088</b>
<b>Program Revenues:</b>										
<b>Charges for services:</b>										
Secretary's office	45,596	7,496	23,467	(27,914)	2,291	9,447	27,503	5,336	5,630	3,262
State highway administration	69,663	28,927	35,035	48,491	51,983	40,399	44,071	38,495	59,284	40,586
Port administration	96,631	91,836	94,544	96,981	93,618	69,781	48,667	52,846	50,298	54,099
Motor vehicle administration	371	(917)	(133)	(236)	-	-	-	4	4	4
Transit administration	106,789	110,136	122,913	117,869	117,556	125,057	143,456	146,093	138,339	139,769
Aviation administration	185,335	215,091	236,401	244,579	241,083	282,646	291,535	297,935	418,588	328,094
Operating grants and contributions	79,892	70,827	72,597	79,228	93,729	90,762	90,732	92,739	72,397	90,574
Capital grants and contributions	743,294	789,619	710,163	667,219	668,442	714,144	709,029	830,922	779,557	800,019
<b>Total governmental activities program revenues</b>	<b>1,327,571</b>	<b>1,313,015</b>	<b>1,294,987</b>	<b>1,226,217</b>	<b>1,268,702</b>	<b>1,332,236</b>	<b>1,354,993</b>	<b>1,464,370</b>	<b>1,524,097</b>	<b>1,456,407</b>
<b>Net (expense) revenue governmental activities</b>	<b>(1,568,230)</b>	<b>(1,509,017)</b>	<b>(1,800,949)</b>	<b>(1,958,814)</b>	<b>(2,109,922)</b>	<b>(2,083,103)</b>	<b>(2,410,054)</b>	<b>(1,975,364)</b>	<b>(1,768,228)</b>	<b>(2,221,681)</b>
<b>General Revenues and Other Changes in Net Assets:</b>										
<b>Taxes:</b>										
Motor vehicle taxes	1,279,052	1,237,199	1,241,538	1,178,609	1,058,759	1,082,559	1,166,398	1,259,743	1,332,143	1,389,066
Motor fuel taxes	752,810	746,240	740,791	741,851	728,385	714,210	747,171	728,410	740,428	807,739
Corporation income tax share	209,458	202,755	185,557	167,102	150,554	153,275	156,758	180,653	76,746	162,609
State sales tax share	24,323	26,527	27,689	23,659	223,084	223,582	227,981	23,581	25,462	48,653
Unrestricted investment earnings	5,181	8,487	10,553	3,758	4,029	404	1,006	2,750	764	2,156
Other revenue	-	-	-	-	-	-	-	-	7,235	16,518
Loss on disposal of capital assets	-	-	-	-	-	(413,770)	-	-	-	-
Transfers out	-	-	-	-	-	-	-	-	-	-
<b>Total governmental activities general revenues:</b>	<b>2,270,824</b>	<b>2,221,208</b>	<b>2,206,128</b>	<b>2,114,979</b>	<b>2,164,811</b>	<b>1,760,260</b>	<b>2,299,314</b>	<b>2,195,137</b>	<b>2,182,778</b>	<b>2,426,741</b>
<b>Change in Net Position:</b>										
Governmental activities	702,594	712,191	405,179	156,165	54,889	(322,843)	(110,740)	219,773	414,550	205,060
<b>Total primary government</b>	<b>\$ 702,594</b>	<b>\$ 712,191</b>	<b>\$ 405,179</b>	<b>\$ 156,165</b>	<b>\$ 54,889</b>	<b>\$ (322,843)</b>	<b>\$ (110,740)</b>	<b>\$ 219,773</b>	<b>\$ 414,550</b>	<b>\$ 205,060</b>

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Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Governmental Activities Tax Revenues by Source**  
**Last Ten Fiscal Years**  
*(accrual basis of accounting)*  
*(amounts expressed in thousands)*

<b>Fiscal Year Ended June 30,</b>	<b>Motor Vehicle Tax</b>	<b>Motor Fuel Tax</b>	<b>Corporation Income Tax</b>	<b>State Sales Tax (1)</b>	<b>Total</b>
2005	\$ 1,279,052	\$ 752,810	\$ 209,458	\$ 24,323	\$ 2,265,643
2006	1,237,199	746,240	202,755	26,527	2,212,721
2007	1,241,538	740,791	185,557	27,689	2,195,575
2008	1,178,609	741,851	167,102	23,659	2,111,221
2009	1,058,759	728,385	150,554	223,084	2,160,782
2010	1,082,559	714,210	153,275	223,582	2,173,626
2011	1,166,398	747,171	156,758	227,981	2,298,308
2012	1,259,743	728,410	180,653	23,581	2,192,387
2013	1,332,143	740,428	76,746	25,462	2,174,779
2014	1,389,066	807,739	162,609	48,653	2,408,067

Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.

(1) Effective July 1, 2008 thru June 30, 2011 the Department received additional Sales Tax Revenue due to the increase of 1 percent on the State Sales Tax.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Maryland's Ten Largest Employers**  
**Calendar Years**  
*(Employer Listed Alphabetically)*

<b>2014-2013</b>	<b>2012-2011</b>
<b>Giant Food Stores</b>	<b>Giant Food Stores</b>
<b>Helix Health System Inc</b>	<b>Helix Health System Inc</b>
<b>Johns Hopkins Hospital</b>	<b>Johns Hopkins Hospital</b>
<b>Johns Hopkins Univeristy</b>	<b>Johns Hopkins Univeristy</b>
<b>Safeway</b>	<b>Safeway</b>
<b>Target</b>	<b>Target</b>
<b>Home Depot</b>	<b>Home Depot</b>
<b>Northrop Grumman Corporation</b>	<b>Northrop Grumman Corporation</b>
<b>University of Maryland Medical System</b>	<b>University of Maryland Medical System</b>
<b>Walmart Associates</b>	<b>Walmart/Sam's Club</b>

Source: Department of Labor, Licensing and Regulation: Office of Labor Market Analysis and Information - Major Employer List - March 2013  
<http://www.dllr.state.md.us/lmi/emplists/maryland.shtml>

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Fund Balances of Governmental Funds**  
**Last Ten Fiscal Years**  
*(modified accrual basis of accounting)*  
*(amounts expressed in thousands)*

	<b>Fiscal Year Ended June 30,</b>									
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Special revenue fund										
Nonspendable	\$ 126,470	\$ 126,182	\$ 136,723	\$ 152,788	\$ 158,650	\$ 171,094	\$ 182,156	\$ 181,093	\$ 183,355	\$ 192,871
Committed	38,021	37,025	25,170	23,931	861	-	12,442	8,182	11,499	26,989
Assigned	179,095	219,980	165,144	(26,468)	169,307	164,628	137,050	37,905	108,879	135,279
Total special revenue fund	<u>\$ 343,586</u>	<u>\$ 383,187</u>	<u>\$ 327,037</u>	<u>\$ 150,251</u>	<u>\$ 328,818</u>	<u>\$ 335,722</u>	<u>\$ 331,648</u>	<u>\$ 227,180</u>	<u>\$ 303,733</u>	<u>\$ 355,139</u>
All other governmental funds										
Restricted	\$ 1,756	\$ 4,696	\$ 2,381	\$ -	\$ 7,033	\$ 1,126	\$ -	\$ -	\$ 5,056	\$ 12,331
Total all other governmental funds	<u>\$ 1,756</u>	<u>\$ 4,696</u>	<u>\$ 2,381</u>	<u>\$ -</u>	<u>\$ 7,033</u>	<u>\$ 1,126</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 5,056</u>	<u>\$ 12,331</u>

Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.



**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Changes in Fund Balances, Governmental Funds**  
**Last Ten Fiscal Years**  
*(amounts expressed in thousands)*

	Fiscal Year Ended June 30,									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Revenues:</b>										
Motor vehicle taxes and fees	\$ 2,031,862	\$ 1,983,439	\$ 1,982,329	\$ 1,920,460	\$ 1,787,144	\$ 1,796,769	\$ 1,913,569	\$ 1,988,153	\$ 2,072,571	\$ 2,196,805
Revenue sharing of state taxes	233,781	229,282	213,246	190,761	373,638	376,857	384,739	204,234	102,208	211,262
Federal reimbursements	823,186	860,446	782,760	746,447	762,171	804,906	799,761	850,631	868,121	902,719
Charges for services	416,878	372,626	407,386	376,563	399,271	419,691	431,261	439,785	579,850	452,406
Passenger facility charges and interest	41,770	37,017	42,171	45,609	40,824	44,054	45,066	46,648	48,534	43,919
Customer facility charges (2)	29,105	33,576	28,392	31,932	23,176	45,467	48,970	13,446	12,902	12,613
Special parking revenues (2)	-	-	-	-	-	-	-	38,603	28,630	54,649
Investment earnings	5,181	8,487	10,553	3,758	4,029	404	1,006	2,750	764	2,156
Other	16,632	9,354	34,278	25,666	13,260	18,118	34,734	3,481	6,103	14,255
Total revenues	3,598,395	3,534,227	3,501,115	3,341,196	3,403,513	3,506,266	3,659,106	3,587,731	3,719,684	3,890,784
<b>Expenditures:</b>										
Department administration, operating and maintenance expenditures	1,218,027	1,175,711	1,254,313	1,305,618	1,358,247	1,447,811	1,239,600	1,422,847	1,408,232	1,841,195
Highway user revenues and federal funds	514,175	583,090	615,458	582,335	515,722	255,164	297,145	263,981	252,574	244,448
WMATA Grants	210,392	237,948	236,158	273,001	285,309	296,522	340,852	386,648	396,094	404,995
Distributions to other state agencies (1)	232,980	78,554	75,607	87,100	59,980	401,930	481,244	343,946	127,957	23,000
Debt service	170,546	142,060	119,316	121,390	142,359	150,954	158,662	174,215	180,308	208,236
Capital outlays	1,409,119	1,432,833	1,369,805	1,400,238	1,261,036	1,232,890	1,182,164	1,231,241	1,491,360	1,471,040
Total expenditures	3,755,239	3,650,196	3,670,657	3,769,682	3,622,653	3,785,271	3,699,667	3,822,878	3,856,525	4,192,914
Excess (deficiency) of revenues over expenditures	(156,844)	(115,969)	(169,542)	(428,486)	(219,140)	(279,005)	(40,561)	(235,147)	(136,841)	(302,130)
<b>Other financing sources (uses):</b>										
Capital leases	116,116	49,399	6,285	-	2,098	-	1,021	-	29,127	2,519
Other long-term liability	12,321	5,320	2,411	102	-	-	-	-	-	-
Other capital financing sources	-	-	-	-	-	-	34,340	-	-	-
Proceeds from bonds	-	103,814	102,381	249,217	402,642	140,002	-	323,967	189,323	325,000
Sale of future revenue rights	-	-	-	-	-	140,000	-	-	-	-
Payment to escrow agents	-	-	-	-	-	-	-	(193,288)	-	33,292
Transfers to the General Fund (1)	-	(23)	-	-	-	-	-	-	-	-
Net other sources (uses) of financial resources	128,437	158,510	111,077	249,319	404,740	280,002	35,361	130,679	218,450	360,811
Excess (deficiency) of revenues over expenditures and net other sources (uses) of financial resources	(28,407)	42,541	(58,465)	(179,167)	185,600	997	(5,200)	(104,468)	81,609	58,681
Fund balance, July 1 (3)	373,749	345,342	387,883	329,418	150,251	335,851	336,848	331,648	227,180	308,789
Fund balance, June 30	\$ 345,342	\$ 387,883	\$ 329,418	\$ 150,251	\$ 335,851	\$ 336,848	\$ 331,648	\$ 227,180	\$ 308,789	\$ 367,470

Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.

(1) Transfers to the general fund and Maryland Transportation Authority have been reclassified to expenditures in fiscal years 2002, 2004 and 2005.

(2) Customer facility charges and special parking revenues split starting in fiscal years 2012.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Transportation Trust Fund**  
**Gasoline and Motor Vehicle Revenue Account**  
**Last Ten Fiscal Years**  
*(amounts expressed in thousands)*  
(unaudited)

	Fiscal Year Ended June 30,									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Revenues:</b>										
Motor vehicle fuel tax and fees (7)	\$ 752,882	\$ 757,959	\$ 755,733	\$ 755,176	\$ 736,105	\$ 721,295	\$ 752,319	\$ 733,563	\$ 745,556	\$ 812,915
Motor vehicle titling tax (3)	717,699	719,207	703,815	649,657	514,155	543,411	594,938	632,356	684,655	740,835
Licensing and registration	351,333	360,981	372,498	354,967	354,982	350,098	360,514	357,247	362,324	367,305
Corporation income tax (6)	209,061	202,755	185,557	167,102	151,304	154,025	157,993	180,653	76,746	162,609
Sales and use tax on rental vehicles	24,323	26,527	27,689	23,659	21,498	22,201	24,362	23,581	25,462	30,311
<b>Total revenues</b>	<b>2,055,298</b>	<b>2,067,429</b>	<b>2,045,292</b>	<b>1,950,561</b>	<b>1,778,044</b>	<b>1,791,030</b>	<b>1,890,126</b>	<b>1,927,400</b>	<b>1,894,743</b>	<b>2,113,975</b>
<b>Deductions:</b>										
1% portion -- Motor vehicle titling tax (3)	(143,540)	(143,841)	(140,763)	(129,931)	(171,385)	(181,137)	(198,313)	(210,786)	(228,218)	(246,945)
Other to the Trust Fund (7)	(6,554)	(7,348)	(8,214)	(7,526)	(6,178)	(6,615)	(6,859)	(6,797)	(9,040)	(121,401)
Other	(43,487)	(45,907)	(46,688)	(47,337)	(44,407)	(45,744)	(45,585)	(57,413)	(51,500)	(52,617)
<b>Total deductions</b>	<b>(193,581)</b>	<b>(197,096)</b>	<b>(195,665)</b>	<b>(184,794)</b>	<b>(221,970)</b>	<b>(233,496)</b>	<b>(250,757)</b>	<b>(274,996)</b>	<b>(288,758)</b>	<b>(420,963)</b>
<b>Net Highway User Revenue</b>	<b>\$ 1,861,717</b>	<b>\$ 1,870,333</b>	<b>\$ 1,849,627</b>	<b>\$ 1,765,767</b>	<b>\$ 1,556,074</b>	<b>\$ 1,557,534</b>	<b>\$ 1,639,369</b>	<b>\$ 1,652,404</b>	<b>\$ 1,605,985</b>	<b>\$ 1,693,012</b>
<b>Allocations (Highway User Revenue): (4)</b>										
Share to the Department	\$ 1,303,202	\$ 1,309,233	\$ 1,294,739	\$ 1,236,037	\$ 1,089,252	\$ 1,090,274	\$ 1,122,968	\$ 1,278,618	\$ 1,445,386	\$ 1,530,483
Share to the General Fund (5)	-	-	-	-	-	-	-	40,000	-	-
Share to counties and municipalities	255,932	293,184	328,309	313,564	279,232	29,593	9,836	23,134	30,514	32,167
Share to Baltimore City	200,143	219,416	226,579	216,166	187,590	133,948	129,510	123,930	130,085	130,362
Local Share to the General Fund (1) (2)	102,440	48,500	-	-	-	303,719	377,055	186,722	-	-
<b>Total allocations</b>	<b>\$ 1,861,717</b>	<b>\$ 1,870,333</b>	<b>\$ 1,849,627</b>	<b>\$ 1,765,767</b>	<b>\$ 1,556,074</b>	<b>\$ 1,557,534</b>	<b>\$ 1,639,369</b>	<b>\$ 1,652,404</b>	<b>\$ 1,605,985</b>	<b>\$ 1,693,012</b>

Source: Maryland Department of Transportation, The Secretary's Office, Office of Finance.

- (1) The 2004 Session of the Maryland General Assembly approved legislation (SB 508) providing for the transfer of \$102,440,128 from the Local Government's share of Highway User Revenues to the State General Fund in FY2005.
- (2) The 2005 Session of the Maryland General Assembly approved legislation (HB 147) providing for the transfer of \$48,500,000 from the Local Government's share of Highway User Revenues to the State General Fund in FY2006.
- (3) The 2007 Special Session of the Maryland General Assembly approved legislation to increase the State's Sales Tax and the Vehicle Excise Tax (Titling) from 5% to 6%, effective Jan. 1, 2008. In addition, the percentage of Titling Tax to GMVRA was changed from 80% to 66 and 2/3%, effective July 1, 2008.
- (4) The 2010 Session of the Maryland General Assembly approved legislation (SB141) changing the allocation of Highway User Revenues. Effective July 1, 2009, the allocation is 70% to the Department, 19.5% to the General Fund, 8.6% to Baltimore City, 1.5% to the Counties, and .4% to the Municipalities. Effective July 1, 2010, the allocation is 68.5% to the Department, 23% to the General Fund, 7.9% to Baltimore City, .5% to the Counties, and .1% to the Municipalities. Pursuant to legislation enacted by the General Assembly at its 2011 Session (HB72), effective July 1, 2011, the allocation is 79.8% to the Department, 11.3% to the General Fund, 7.5% to Baltimore City, .8% to Counties, and .6% to municipalities. Effective July 1, 2012 the allocation is 90% to the Department, 8.1% to Baltimore City, 1.5% to Counties, and .4% to municipalities. Effective July 1, 2013 the allocation is 90.4% to the Department, 7.7% to Baltimore City, 1.5% to Counties, and .4% to municipalities.
- (5) The 2011 Session of the Maryland General Assembly approved legislation (HB 72) requiring the transfer from the Transportation Trust Fund of \$40,000,000 of the Department's share of Highway User Revenues to the Revenue Stabilization Account in fiscal year 2012.
- (6) The 2011 Session of the Maryland General Assembly approved legislation (HB 72) that changed the allocation of corporate income tax revenue to the Department from 24% to 17.2%. However, effective July 1, 2012 the Department will receive 9.5%; from July 1, 2013 through June 30, 2016 the Department will receive 19.5%.
- (7) The 2013 Session of the Maryland General Assembly approved legislation (HB 1515) that increases the motor fuel tax rate based on growth of the Consumer Price Index and applies a sales and use tax equivalent to the price of motor fuel. Effective July 1, 2013, the motor fuel tax rate was increased by 3.1 cents per gallon for sales and use tax equivalent and 0.4 cents per gallon for CPI. Revenue from these sources is not part of the GMVRA but is retained 100% by the Department.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Legal Debt Margin Information**  
**Last Ten Fiscal Years**  
*(amounts expressed in thousands)*

	<b>Fiscal Year Ended June 30,</b>									
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Debt limit	\$ 1,472,000	\$ 1,333,475	\$ 1,248,750	\$ 1,497,060	\$ 1,620,850	\$ 1,830,010	\$ 1,791,840	\$ 1,888,995	\$ 1,913,290	\$ 2,292,670
Net debt applicable to limit	1,069,945	1,078,475	1,108,692	1,266,434	1,574,902	1,643,884	1,561,840	1,562,630	1,618,290	1,812,670
Total legal debt margin	<u>\$ 402,055</u>	<u>\$ 255,000</u>	<u>\$ 140,058</u>	<u>\$ 230,626</u>	<u>\$ 45,948</u>	<u>\$ 186,126</u>	<u>\$ 230,000</u>	<u>\$ 326,365</u>	<u>\$ 295,000</u>	<u>\$ 480,000</u>
 Net debt applicable to the limit as a percentage of debt limit	 72.69%	 80.88%	 88.78%	 84.59%	 97.17%	 89.83%	 87.16%	 82.72%	 84.58%	 79.06%

**Legal Debt Margin Calculation for Fiscal Year 2014**

Debt limit (1)	\$ 2,292,670
Debt applicable to limit:	
Special revenue bonds	<u>1,812,670</u>
Total net debt applicable to limit	<u>1,812,670</u>
Legal debt margin	<u>\$ 480,000</u>

Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.

(1) The Maryland Department of Transportation's legal debt limit is established by the Maryland General Assembly on an annual basis.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Ratio of Annual Debt Service Expenditures For Consolidated Transportation Bonded Debt to Total General**  
**Governmental Expenditures**  
**Last Ten Fiscal Years**

*(amounts expressed in thousands)*

Fiscal Year Ended June 30,	Principal	Interest	Total Debt Service	Total Noncapital Governmental Expenditures	Ratio of Debt Service to Noncapital Expenditures (percent)
2005	\$ 116,470	\$ 54,076	\$ 170,546	\$ 2,346,120	7.27 %
2006	92,280	49,780	142,060	2,217,363	6.41
2007	68,290	51,026	119,316	2,300,852	5.19
2008	68,990	52,400	121,390	2,369,444	5.12
2009	71,325	71,031	142,356	2,361,617	6.03
2010	77,595	73,359	150,954	2,552,381	5.91
2011	83,170	75,492	158,662	2,517,503	6.30
2012	102,845	71,370	174,215	2,489,880	7.00
2013	109,340	70,968	180,308	2,365,165	7.62
2014	130,620	76,614	207,234	2,721,874	7.61

Source: Maryland Department of Transportation Annual Financial Report for fiscal years 2005-2014.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Ratio of Outstanding Debt by Type**  
**Last Ten Fiscal Years**

*(amounts expressed in thousands)*

Fiscal Year Ended June 30,	Governmental Activities			Total Governmental Activities Debt	Total Personal Income (1)	Percentage of Personal Income
	Special Revenue Bonds	Capital Leases	Other Long-term Liability (2)			
2005	\$ 1,071,620	\$ 309,496	\$ 409,585	1,790,701	\$ 232,067,080	0.77 %
2006	1,079,340	348,470	404,318	1,832,128	245,063,048	0.75
2007	1,111,050	343,379	391,029	1,845,458	261,066,893	0.71
2008	1,268,815	331,703	373,319	1,973,837	272,901,349	0.72
2009	1,582,605	673,836	-	2,256,441	283,052,530	0.80
2010	1,645,010	641,252	-	2,286,262	282,152,796	0.81
2011	1,561,840	604,662	-	2,166,502	289,653,105	0.75
2012	1,562,630	562,656	-	2,125,286	306,001,368	0.69
2013	1,618,290	591,783	-	2,210,073	316,681,620	0.70
2014	1,812,670	594,302	-	2,406,972	321,688,894	0.75

Source: Maryland Department of Transportation Comprehensive Annual Financial Report for fiscal years 2005-2014.

(1) US Department of Commerce, Bureau of Economic Analysis. Data for all years based on revised statistics of state personal income released on September 30, 2013. All estimates of state personal income are subject to BEA's flexible annual revision schedule.

(2) Other long-term liability items were reclassified as capital leases in fiscal year 2009.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Transportation Trust Fund**  
**Taxes Pledged to Bonds and Net Revenues as Defined for Purposes of the Bond Coverage Test**  
**Last Ten Fiscal Years**  
*(amounts expressed in thousands)*

	Fiscal Year Ended June 30									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Revenues:</b>										
Taxes pledged to bonds: (6)										
Corporation income tax (GMVRA) (5)	\$ 146,343	\$ 141,929	\$ 129,890	\$ 116,971	\$ 105,388	\$ 107,293	\$ 107,379	\$ 143,370	\$ 68,503	\$ 146,113
Fuel tax (7)	510,572	513,033	510,735	510,630	500,114	489,004	500,801	567,431	651,196	723,249
Titling tax (2)	545,451	546,597	534,899	493,739	411,324	434,729	470,001	547,198	639,011	693,422
Sales and use tax (3)	18,485	20,161	21,044	17,981	217,924	213,254	221,842	19,770	23,425	27,983
<b>Total taxes pledged to bonds</b>	<b>1,220,851</b>	<b>1,221,720</b>	<b>1,196,568</b>	<b>1,139,321</b>	<b>1,234,750</b>	<b>1,244,280</b>	<b>1,300,023</b>	<b>1,277,769</b>	<b>1,382,135</b>	<b>1,590,767</b>
Fees:										
Motor vehicle licenses and registrations (6)	230,756	236,661	244,472	231,379	231,773	227,954	229,748	256,350	298,071	305,525
Other	150,760	154,957	166,142	172,703	186,961	187,455	209,909	259,211	274,823	280,989
General fund share of fees (4)	-	-	-	-	-	-	-	(40,000)	-	-
<b>Total taxes and fees</b>	<b>1,602,367</b>	<b>1,613,338</b>	<b>1,607,182</b>	<b>1,543,403</b>	<b>1,653,484</b>	<b>1,659,689</b>	<b>1,739,680</b>	<b>1,753,330</b>	<b>1,955,029</b>	<b>2,177,281</b>
Operating revenues:										
Maryland Port Administration	94,697	91,027	94,499	96,880	93,635	69,222	49,156	57,302	49,030	52,841
Maryland Transit Administration	106,941	110,136	123,122	117,869	117,557	125,057	133,494	136,194	138,400	139,821
Maryland Aviation Administration	126,635	139,579	151,620	180,254	181,580	194,308	207,897	208,560	219,757	217,290
<b>Total operating revenues</b>	<b>328,273</b>	<b>340,742</b>	<b>369,241</b>	<b>395,003</b>	<b>392,772</b>	<b>388,587</b>	<b>390,547</b>	<b>402,056</b>	<b>407,187</b>	<b>409,952</b>
Other (1)	75,902	87,640	39,836	4	(3,666)	(3,600)	60,458	40,015	30,808	29,139
Investment income	4,928	8,211	10,574	3,683	3,996	394	1,004	2,750	758	2,154
<b>Total revenues</b>	<b>2,011,470</b>	<b>2,049,931</b>	<b>2,026,833</b>	<b>1,942,093</b>	<b>2,046,586</b>	<b>2,045,070</b>	<b>2,191,689</b>	<b>2,198,151</b>	<b>2,393,782</b>	<b>2,618,526</b>
<b>Expenditures:</b>										
Administration, operation and maintenance expenditures:										
The Secretary's Office	67,904	64,528	66,439	69,693	67,649	71,811	70,650	71,382	72,256	76,142
Washington Metro Transit Grants-in-Aid	153,250	167,041	170,961	193,026	210,394	215,736	228,594	256,722	263,690	268,340
State Highway Administration	219,703	204,764	236,245	240,192	240,742	296,445	253,615	226,926	251,994	326,560
Motor Vehicle Administration	125,699	133,666	140,436	145,838	148,106	146,316	157,344	161,329	171,344	184,698
Maryland Port Administration	99,092	95,423	98,718	104,887	97,901	68,237	44,454	41,612	42,157	45,504
Maryland Transit Administration	446,351	470,453	505,916	556,602	591,720	610,284	621,917	646,795	665,844	751,801
Maryland Aviation Administration	125,447	166,707	178,157	178,072	170,453	173,749	170,765	167,415	171,122	189,740
<b>Total admin, operation and maintenance expnd.</b>	<b>1,237,446</b>	<b>1,302,582</b>	<b>1,396,872</b>	<b>1,488,310</b>	<b>1,526,965</b>	<b>1,582,578</b>	<b>1,547,339</b>	<b>1,572,181</b>	<b>1,638,407</b>	<b>1,842,785</b>
Less Federal funds:										
The Secretary's Office	(7,147)	(5,103)	(6,004)	(7,901)	(7,271)	(9,001)	(8,027)	(8,237)	(9,291)	(9,089)
State Highway Administration-Hwy Safety	(20,251)	(14,908)	(14,077)	(15,928)	(19,595)	(16,925)	(17,175)	(21,218)	(13,338)	(10,844)
Md. Transit-Planning and program devlpmt.	(51,923)	(50,376)	(52,077)	(54,392)	(65,894)	(63,775)	(64,496)	(62,430)	(42,028)	(60,631)
Motor Vehicle Administration	(240)	(161)	(90)	(351)	(313)	(404)	(379)	(150)	(7,090)	(9,348)
Maryland Aviation Administration	(331)	(280)	(350)	(656)	(656)	(656)	(656)	(702)	(650)	(655)
<b>Total Federal funds</b>	<b>(79,892)</b>	<b>(70,828)</b>	<b>(72,598)</b>	<b>(79,228)</b>	<b>(93,729)</b>	<b>(90,761)</b>	<b>(90,733)</b>	<b>(92,737)</b>	<b>(72,397)</b>	<b>(90,567)</b>
<b>Total expenditures</b>	<b>1,157,554</b>	<b>1,231,754</b>	<b>1,324,274</b>	<b>1,409,082</b>	<b>1,433,236</b>	<b>1,491,817</b>	<b>1,456,606</b>	<b>1,479,444</b>	<b>1,566,010</b>	<b>1,752,218</b>
<b>Net revenues</b>	<b>\$ 853,916</b>	<b>\$ 818,177</b>	<b>\$ 702,559</b>	<b>\$ 533,011</b>	<b>\$ 613,350</b>	<b>\$ 553,253</b>	<b>\$ 735,083</b>	<b>\$ 718,707</b>	<b>\$ 827,772</b>	<b>\$ 866,308</b>
Maximum annual principal and interest	\$ 141,172	\$ 121,412	\$ 129,550	\$ 153,661	\$ 197,281	\$ 210,714	\$ 210,714	\$ 219,765	\$ 237,394	\$ 270,527
Ratio of taxes pledged to principal and interest	8.65	10.06	9.24	7.41	6.26	5.91	6.17	5.81	5.82	5.88
Ratio of net revenues to principal and interest	6.05	6.74	5.42	3.47	3.11	2.63	3.49	3.27	3.49	3.20

Source: Maryland Department of Transportation, The Secretary's Office, Office of Finance.

- (1) Fiscal year 2007 was the last year for the transfer of \$43M from Maryland Transportation Authority to the Transportation Trust Fund.
- (2) The 2007 Special Session of the Maryland General Assembly approved legislation to increase the State's Sales Tax and the Vehicle Excise Tax (Titling) from 5% to 6%, effective Jan. 1, 2008. In addition, effective July 1, 2008, the percentage of Titling Tax retained by the Changes to the allocation of Highway User Revenues approved during the 2010 and 2011 Sessions of the Maryland General Assembly resulted in the following percentages of Titling Tax retained by the Department: FY 2010 80%; FY 2011 79%; FY 2012 86.53%; FY 2013 93.336%; and FY 2014 93.6%.
- (3) The 2007 Special Session of the Maryland General Assembly approved legislation to allocate 6.5% of the State's Sales and Use Tax (after distribution of the State's sales tax on short-term rental vehicles) to the Department effective July 1, 2008. The distribution was reduced to 5.3% during the 2008 Session of the Maryland General Assembly. This distribution ended July 1, 2011.
- (4) The 2011 Session of the Maryland General Assembly approved legislation (HB 72) requiring the transfer from the Transportation Trust Fund of \$40,000,000 of the Department's share of Highway User Revenues to the Revenue Stabilization Account in fiscal year 2012.
- (5) The 2011 Session of the Maryland General Assembly approved legislation (HB 72) that changed the allocation of corporate income tax revenue to the Department from 24% to 17.2%. However, effective July 1, 2012 the Department received 9.5%; from July 1, 2013 through June 30, 2016 the Department will receive 19.5%.
- (6) As a result of changes to the Highway User Revenues allocations approved during the 2010 and 2011 sessions of the Maryland General Assembly, the Department received the following distribution of Highway User Revenues: FY 2010 70%; FY 2011 68.5%; FY 2012 79.8%; FY 2013 90%; FY 2014 90.4%.
- (7) The 2013 Session of the Maryland General Assembly approved legislation (HB 1515) that increases the motor fuel tax rate based on growth of the Consumer Price Index and applies a sales and use tax equivalent to the price of motor fuel. Effective July 1, 2013, the motor fuel tax rate was increased by 3.1 cents per gallon for sales and use tax equivalent and 0.4 cents per gallon for CPI. Revenue from these sources is not part of the GMVRA but is retained 100% by the Department.

**MARYLAND DEPARTMENT OF TRANSPORTATION**  
**Schedule of Miscellaneous Statistics**  
**Last Ten Fiscal Years**  
*(unaudited)*

	Fiscal Year Ended June 30,									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
State Highway Administration:										
Miles of State Highway (1)	5,133	5,134	5,140	5,140	5,138	5,143	5,145	5,266	5,145	5,155
Motor Vehicle Administration:										
Motor Vehicle Titles Issued	1,205,886	1,202,561	1,166,195	1,096,692	930,858	939,209	994,235	995,247	1,018,200	1,001,118
Motor Vehicle Registration Transactions	3,476,509	3,600,359	3,580,933	3,378,435	3,345,546	3,336,752	4,100,604	3,889,667	4,044,217	4,106,227
Motor Vehicle Fuel - Gallons Sold	3,196,587,508	3,197,252,545	3,238,848,801	3,223,523,234	3,139,151,697	2,862,255,721	3,178,835,403	3,149,605,108	3,250,923,911	3,211,359,630
Maryland Port Administration:										
Port of Baltimore (2):										
Export Commerce (2,000 lbs.)	7,420,411	8,365,476	11,291,633	15,052,545	10,216,952	17,596,350	23,852,386	23,757,853	19,396,664	N/A
Import Commerce (2,000 lbs.)	25,005,278	22,254,906	19,490,995	17,965,267	12,145,939	15,243,578	13,991,505	12,929,929	10,877,441	N/A
Total Foreign Commerce (2,000 lbs.)	32,425,743	30,620,470	30,782,628	33,017,812	22,362,891	32,839,928	37,843,891	36,687,782	30,274,105	N/A
General Cargo (2,000 lbs.) (included above)	8,694,474	9,239,964	8,893,780	8,905,872	7,155,595	8,373,255	9,126,585	9,557,401	5,907,550	N/A
Maryland Aviation Administration:										
Passenger Traffic	19,571,154	20,360,376	20,643,685	21,321,252	20,103,443	21,313,033	22,488,838	22,611,988	22,530,342	22,238,226
Commercial Air Carrier Operations	273,098	266,928	267,517	260,970	243,453	247,391	258,639	256,992	245,367	232,609
Total Aircraft Operations	311,806	304,648	303,721	290,945	266,273	272,997	277,435	273,966	263,360	251,305
Maryland Transit Administration (Baltimore Area) (3):										
Buses (4)	843	840	840	895	895	869	828	903	929	964
Route Miles	3,126	2,657	1,809	2,146	2,111	2,088	2,364	2,088	2,136	2,222
Vehicle Miles (7)	23,492,593	23,877,900	23,448,056	23,873,643	24,703,842	24,248,825	23,016,156	20,823,391	24,973,730	24,003,000
Trips	71,062,892	71,624,670	72,611,252	75,575,573	79,239,334	78,188,577	72,520,531	73,627,843	73,404,275	75,870,350
Subway Cars	100	100	100	100	100	100	100	100	98	98
Route Miles	15	15	15	15	15	15	15	15	15	15
Car Miles	4,715,695	4,681,521	4,735,303	5,193,972	5,285,406	4,480,709	4,706,797	4,764,148	5,103,781	5,072,282
Trips	12,863,412	12,918,530	13,225,843	13,955,325	13,566,823	1,363,903	14,002,609	15,199,117	15,208,352	14,632,401
Light Rail Cars (Baltimore Area) (5)	53	53	53	53	53	53	53	53	53	53
Route Miles	29	29	29	29	29	29	29	29	29	29
Car Miles	1,494,164	2,053,813	2,797,732	2,789,820	2,780,098	3,179,325	3,169,421	3,257,117	3,254,629	3,106,134
Trips	4,875,005	5,401,327	7,121,516	7,962,979	8,712,179	8,076,249	8,752,463	8,796,346	9,371,791	8,105,752
MARC Commuter Rail Cars	165	165	157	153	157	157	177	177	177	177
Number of Trains Daily	84	85	85	89	83	87	110	100	93	142
Number of Stations Served (6)	42	42	42	42	42	42	42	42	41	42
Car Miles (7)	5,030,652	4,997,902	5,030,652	5,124,244	5,706,147	5,651,786	5,270,162	5,821,508	6,924,056	5,863,504
Trips	6,884,083	7,274,737	7,505,226	7,897,602	8,081,155	8,095,577	8,232,729	8,532,214	9,030,039	8,979,468
Number of MDOT State Employees (8)	6,599	6,523	6,518	6,572	6,638	6,463	6,007	5,963	5,885	8,387

Source: Maryland Department of Transportation modal administrations.

- (1) As of January 1.
- (2) Calendar year basis.
- (3) Data is estimated for FY 2006 and may have also been restated in prior fiscal years.
- (4) Bus service statistics have been restated to include transportation provided by contractual bus companies.
- (5) Service initiated in May, 1992; service extended to Hunt Valley in September, 1997, and to BWI Airport in December, 1997.
- (6) Service initiated to Frederick and Monocacy on December 17, 2001.
- (7) Vehicle and car miles have been restated to accurately reflect the revenue service miles.
- (8) 2005-2013 does not include union employees.



## **MARYLAND DEPARTMENT OF TRANSPORTATION**

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## STATE DEMOGRAPHIC AND ECONOMIC DATA

**Introduction**

The following selected economic, social and employment data may be relevant in evaluating the economic and financial condition of the State; however, this information is not intended to provide all relevant data necessary for a complete evaluation of the State's economic and financial condition.

Maryland is located on the East Coast in the South Atlantic Census Region, and is bordered by Delaware, Pennsylvania, West Virginia, Virginia and the District of Columbia. Maryland encompasses 12,193 square miles. Ranking 42nd among the 50 states in size, Maryland's land area (exclusive of inland waterways and the 1,726 square miles of the Chesapeake Bay) is 9,844 square miles.

**Population**

According to the 2010 Census Bureau reports, Maryland's population on April 1 of that year was 5,773,552, an increase of 9.0% from the 2000 Census. Maryland's population is concentrated in urban areas. In 2014 the eleven counties and Baltimore City located in the Baltimore-Washington region contained 50.1% of the State's land area and 87.2% of its population. The 2014 population for the Baltimore Metropolitan Statistical Areas was estimated at 2,785,874 and for the Maryland portion of the Washington Metropolitan Statistical Areas, 2,423,912. Overall, Maryland's population per square mile was 607 in 2014. The following table presents estimated population of Maryland and the United States from 2005 - 2014.

**Population**

<u>Year</u>	<u>Maryland</u>		<u>United States</u>	
	<u>Population</u>	<u>Change</u>	<u>Population</u>	<u>Change</u>
2005	5,592,379	0.8%	295,516,599	0.9%
2006	5,627,367	0.6	298,379,912	1.0
2007	5,653,408	0.5	301,231,207	1.0
2008	5,684,965	0.6	304,093,966	1.0
2009	5,730,388	0.8	306,771,529	0.9
2010	5,788,101	1.0	309,347,057	0.8
2011	5,843,833	1.0	311,721,632	0.8
2012	5,891,819	0.8	314,112,078	0.8
2013	5,938,737	0.8	316,497,531	0.8
2014	5,976,407	0.6	318,857,056	0.7

Source: U.S. Department of Commerce, Bureau of the Census.

Note: Figures are estimates for July 1 of each year.

The 2013 population of Maryland and the United States was distributed by age as follows:

**Age Distribution 2013**

<u>Age</u>	<u>Maryland</u>	<u>United States</u>
Under 5 years	6.2%	6.3%
5 through 19 years	19.2	19.7
20 to 44 years	33.6	33.6
45 to 64 years	27.6	26.3
65 years and over	<u>13.4</u>	<u>14.1</u>
	<u>100.0%</u>	<u>100.0%</u>

Source: U.S. Department of Commerce, Bureau of the Census.

## Personal Income

Maryland residents received approximately \$329.6 billion in personal income in 2014. Maryland's total personal income increased at a rate of 2.4%, below the national increase of 3.0%. Additionally, per capita income remained significantly above the national average in 2014, \$55,143 in Maryland compared with the national average of \$46,129. In 2014, Maryland's per capita personal income ranked fifth highest in the nation. Per capita income varies across the State, with the highest incomes in the Washington and Baltimore regions. The table below shows trends in per capita personal income in Maryland and the United States.

### Per Capita Personal Income Trends

<u>Year</u>	<u>Maryland</u>	<u>Change</u>	<u>United States</u>	<u>Change</u>	<u>Maryland Ranking</u>
2005	\$43,793	4.8%	\$35,888	4.6%	4
2006	46,370	5.9	38,127	6.2	4
2007	48,254	4.1	39,804	4.4	5
2008	49,778	3.2	40,873	2.7	4
2009	49,285	-1.0	39,379	-3.7	4
2010	50,035	1.5	40,144	1.9	4
2011	52,191	4.3	42,332	5.5	4
2012	53,659	2.8	44,200	4.4	6
2013	53,826	0.3	44,765	1.3	5
2014	55,143	2.4	46,129	3.0	5

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Rankings do not include the District of Columbia.

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Maryland is more reliant on the service and government sectors than the nation as a whole, while the manufacturing sector is much less significant than it is nationwide. As one of the wealthier states, a greater share of personal income is derived from dividends, interest and rent, and a lesser share comes from transfer payments. In 2014, the sources of personal income in the State and the comparable sources of personal income for the nation were as follows:

**Sources of Personal Income**  
**2014**  
**(\$ in millions)**

	<u>Maryland</u>	<u>Percentage of Personal Income Before Residence Adjustment</u>	
		<u>Maryland</u>	<u>United States</u>
Mining, forestry, fishing.....	\$ 347	0.1%	1.5%
Construction .....	15,993	5.3	4.1
Manufacturing .....	9,455	3.1	6.9
Trade, transportation & utilities.....	26,900	8.9	11.0
Information services .....	7,379	2.4	2.4
Finance, insurance & real estate .....	16,806	5.6	6.6
Professional & business services .....	42,897	14.2	12.1
Educational & health services .....	28,596	9.5	9.1
Leisure & hospitality services .....	8,322	2.8	3.1
Other services .....	8,371	2.8	2.7
Government			
Federal, civilian .....	22,663	7.5	2.0
Military .....	3,903	1.3	.9
State & local .....	26,166	8.7	9.0
Farm income .....	<u>469</u>	0.2	0.7
Earnings by place of work .....	218,268	72.3%	72.1%
Less:			
Personal contributions for social insurance .....	(24,330)	(8.1)	(7.9)
Plus:			
Dividends, Interest and Rent.....	63,677	21.1	18.8
Transfer Payments .....	<u>44,407</u>	<u>14.7</u>	<u>17.2</u>
Personal income before residence adjustment .....	302,023	<u>100.0%*</u>	<u>100.0%*</u>
Residence adjustment .....	<u>27,537</u>		
Total Personal Income .....	<u>\$329,560*</u>		

Source: U.S. Department of Commerce, Bureau of Economic Analysis (State Quarterly Personal Income, Series SQ5N).

Note: Total personal income is reported by place of residence; however, income by industry is shown by place of work. The residence adjustment accounts for Maryland residents who work outside the State.

\* Totals may not add due to rounding.

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Between 2009 and 2014, total personal income in Maryland has grown 3.1% annually, compared to a national growth rate of 4.0%. During this period, wage and salary income, roughly half of total personal income, has grown at a slower rate in Maryland than it has nationally, as have supplements to wages and salaries – essentially nonwage benefits. Investment income – income derived from dividends, interest, and rent – also grew slower than the nation as a whole. The nation’s proprietors’ income outpaced Maryland’s, growing 7.2% and 5.5% between 2009 and 2014, respectively. The disparity in growth of the residence adjustment income earned by residents who work outside of Maryland or the nation is not as meaningful as it might appear, because the residence adjustment is roughly 8.4% of Maryland personal income, but just over two basis points of national personal income.

**Average Annual Growth of Personal Income Components  
(2009 through 2014)**

	<u>Maryland</u>	<u>United States</u>
Wages and Salaries	2.5%	3.5%
Supplements to Wages and Salaries	2.5	2.9
Proprietors' Income	5.5	7.2
Contributions for Social Insurance	3.0	3.8
Residence Adjustment	0.8	3.3
Dividends, Interest and Rent	4.4	5.1
Transfer Payments	4.4	3.3
Total Personal Income	3.1	4.0

Source: U.S. Department of Commerce, Bureau of Economic Analysis (State Annual Personal Income, Series A04).  
 Note: Total personal income is reported by place of residence; however income by industry is shown by place of work.  
 The residence adjustment accounts for Maryland residents who work outside the State.

While Maryland remains significantly wealthier than the nation as a whole, it should be noted that the period of comparison in the above table reflects the recovery from the Great Recession. Employment and personal income declined at a lesser rate in Maryland during the depths of the global recession of 2009; for example, national wages and salaries fell 4.4% in 2009 relative to a 0.8% decline for Maryland. The slower post-recession trajectory for Maryland’s principal income measures may be partially a function of the lesser rate of decline; coming out of a deeper trough, the nation as a whole would require higher income and employment growth than Maryland in order to recover to pre-recession levels. Maryland’s slower post-recession trajectory may also be reflective of the economic hurdles faced during that time frame. Relative to the nation as a whole, Maryland’s economy has been disproportionately affected by federal budget uncertainty, federal budget sequestration, and higher income tax rates.

**Annual Personal Income and Wages and Salaries Growth**

	Personal Income		Wages and Salaries	
	<u>Maryland</u>	<u>United States</u>	<u>Maryland</u>	<u>United States</u>
2005	5.6%	5.6%	5.5%	5.0%
2006	6.5	7.3	5.7	6.4
2007	4.5	5.4	4.6	5.6
2008	3.7	3.7	2.3	2.2
2009	-0.2	-2.8	-0.8	-4.4
2010	2.5	2.8	2.2	2.0
2011	5.3	6.2	3.6	4.0
2012	3.6	5.2	3.2	4.5
2013	1.1	2.0	0.8	2.7
2014	3.3	3.9	2.8	4.5

Source: U.S. Bureau of Economic Analysis.

## Employment

Maryland's labor force totaled just over 3.1 million individuals in 2014, including agricultural and non-agricultural employment, the unemployed, the self-employed and residents who commute to jobs in other states. The government, retail trade, and services sectors (notably professional and business, and educational and health) are the leading areas of employment in the State. In contrast to the nation as a whole, considerably more people in Maryland are employed in the federal government and service sectors and fewer in manufacturing, as shown in the following table:

### Distribution of Employment 2014

	<u>Maryland</u>	<u>United States</u>
Construction & mining	5.8%	5.0%
Manufacturing	3.9	8.8
Trade, transportation & utilities	17.4	19.0
Information services	1.4	2.0
Financial activities	5.5	5.7
Professional & business services	16.2	13.7
Educational & health services	16.3	15.5
Leisure & hospitality services	9.9	10.6
Other services	4.3	4.0
Government		
Federal	5.5	2.0
State & local	<u>13.8</u>	<u>13.8</u>
Total	<u>100.0%*</u>	<u>100.0%*</u>

Source: U.S. Department of Labor, Bureau of Labor Statistics.

\*Totals may not add due to rounding.

Following the collapse of the housing market beginning in 2007, the construction and finance industries realized significant job losses and, as the broader recession took hold, several other Maryland industries were severely impacted. In the aggregate, Maryland lost 5.7% of its jobs in the recession while the nation lost 6.3%, both reaching the trough in February 2010. Subsequently, employment growth has been uncharacteristically slow for an economic recovery, though through December 2014, Maryland and the nation have gained back 101.0% and 101.6% of those lost jobs, respectively.

### Average Annual Employment Growth (2009 through 2014)

	<u>Maryland</u>	<u>United States</u>
Construction & mining	-0.5%	0.9%
Manufacturing	-2.7	0.6
Trade, transportation & utilities	0.7	1.2
Information services	-3.6	-0.5
Financial activities	-0.3	0.4
Professional & business services	2.0	2.9
Educational & health services	1.7	1.9
Leisure & hospitality services	2.5	2.4
Other services	-0.7	0.8
Government		
Federal	1.6	-0.7
State & local	-0.0	-0.6
Total Non-agricultural Employment	0.8%	1.2%

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Historical employment in Maryland's five largest sectors is shown in the table below. Maryland's five largest sectors represented approximately 79.1% of total employment in 2014. As is often the case, government employment in Maryland acted as a stabilizing factor during the recession. However, Maryland federal government employment detracted from employment in 2013 and 2014, decreasing 1.2% each year. Although Maryland accounted for approximately 5.2% of total federal government employment in 2013 and 2014, Maryland only represented 3.3% of federal government jobs lost in 2013 and 4.2% in 2014. This indicates that despite federal government employment detracting from Maryland employment growth in 2013 and 2014, other states lost a disproportionately larger share of federal government employment. However, as direct federal employment accounts for roughly 5.5% of jobs in Maryland, the impact is relatively acute. Furthermore, as Maryland's private sector benefits disproportionately from federal expenditures, it is widely speculated that the same federal budget sequester has hindered the growth in Maryland's private sector. The degree to which private sector employment growth has been impacted is unknown.

### Annual Employment Growth Maryland's Five Largest Employment Sectors

	<u>Government</u>	<u>Trade, Transportation, &amp; Utilities</u>	<u>Educational &amp; Health Services</u>	<u>Professional &amp; Business Services</u>	<u>Leisure &amp; Hospitality Services</u>	<u>Total MD Employment</u>	<u>Total US Employment</u>
2005	0.8%	0.8%	1.8%	2.7%	2.2%	1.5%	1.7%
2006	1.1	1.0	2.7	1.7	2.1	1.3	1.8
2007	1.6	0.1	2.6	0.5	1.5	0.7	1.1
2008	1.9	-2.3	2.8	0.0	1.0	-0.3	-0.6
2009	1.2	-5.4	2.6	-3.4	-2.4	-2.9	-4.3
2010	1.6	-0.4	1.5	1.0	-0.3	-0.2	-0.7
2011	0.6	1.4	1.6	3.1	1.6	1.0	1.2
2012	0.0	1.3	2.5	2.7	4.7	1.2	1.7
2013	-0.1	0.3	1.4	1.7	3.9	0.9	1.7
2014	0.0	0.8	1.7	1.6	2.4	0.9	1.9

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Recent employment trends in Maryland are shown in the following table. Maryland's unemployment rate was lower than the rest of the country for the past ten years. However, the unemployment rate has decreased faster, albeit from a higher level, nationwide, and the rates are now essentially equal.

### Employment Trends

<u>Calendar Year</u>	<u>Unemployment Rate in Maryland</u>	<u>Unemployment Rate in the United States</u>	<u>Growth in Maryland Labor Force</u>	<u>Growth in United States Labor Force</u>
2005	4.1%	5.1%	1.2%	1.3%
2006	3.9	4.6	1.3	1.4
2007	3.5	4.6	0.2	1.1
2008	4.4	5.8	1.1	0.8
2009	7.1	9.3	1.2	-0.1
2010	7.6	9.6	1.3	-0.2
2011	7.1	8.9	0.6	-0.2
2012	6.9	8.1	0.6	0.9
2013	6.5	7.4	0.1	0.3
2014	5.8	6.2	-0.4	0.3

Source: Maryland Department of Labor, Licensing and Regulation.

Note: In March 2015 the unemployment rate was 5.4% in Maryland and 5.5% in the United States.

## Educational Levels

Maryland's workforce is more highly educated than that of the rest of the United States as a whole. The percentage of the population (25 years and over) with a bachelor's degree or higher is 37.4% as compared to 29.6% for the nation as a whole. Maryland ranks third in the nation in the percentage of its population over 25 with a graduate or professional degree. The percentage of the population with a high school diploma or better is 89.1% in Maryland compared to 86.6% in the United States. This educational attainment facilitates the rapid growth of the professional services and information services sectors, which require an educated workforce.

### Educational Attainment of Population 25 Years and Over in 2013

	<u>Maryland</u>	<u>United States</u>
Less than High School	10.9%	13.4%
High School Diploma	25.7	27.8
Some College	19.8	21.1
Associate's Degree	6.3	8.1
Bachelor's Degree	20.3	18.4
Graduate or Professional Degree	17.1	11.2

Source: U.S. Department of Commerce, Census Bureau (American Community Survey).

## Assessed Value of Property

Maryland levies a State tax on real property, revenues from which are credited to the State's Annuity Bond Fund to pay debt service on Maryland General Obligation Bonds. In fiscal year 2003 the rate was 8.4 cents per \$100 of assessment (21 cents on utility operating property). In fiscal year 2004 the rate was increased to 13.2 cents per \$100 of assessment (33 cents on utility operating property). For fiscal years 2007 through 2016, the tax rate is 11.2 cents per \$100 of assessment (28 cents on utility operating property).

Shown below is the assessed value for State purposes of real property as determined by the State Department of Assessments and Taxation. All real property is assessed at full cash value once every three years, with any increase in full cash value phased in over the ensuing three taxable years in equal installments. Any decrease in the full cash value is recognized in full in the next taxable year and held constant for the remaining two taxable years.

### Assessed Values of Real Estate (\$ in thousands)

<u>Fiscal Year</u>	<u>Real Property</u>	<u>Utility Operating Real Property</u>	<u>Total</u>	<u>Change in Assessed Values</u>
2005	\$397,093,127	\$ 1,323,073	\$398,416,200	10.1%
2006	451,090,503	1,392,322	452,482,825	13.6
2007	525,706,233	1,476,219	527,182,452	16.5
2008	616,526,923	1,105,319	617,632,242	17.2
2009	706,403,763	1,086,209	707,489,972	14.5
2010	750,498,802	1,069,237	751,568,039	6.2
2011	733,884,066	708,090	734,592,156	-2.2
2012	682,650,240	793,154	683,443,394	-7.0
2013	651,655,464	714,633	652,370,097	-5.0
2014	642,571,751	737,924	643,309,675	-1.4
2015	650,759,385	780,572	651,539,957	1.2
2016	671,244,807	766,641	672,011,448	3.1

Source: State Department of Assessments and Taxation, March 2015.

\*Totals may not add due to rounding.

## Residential Construction

The value of all residential unit permits issued in 2013 increased by 16.7%. In addition, the total number of residential building permits increased by 17.7%. Recent trends signal that the real estate market realized its trough in 2011 and has shifted towards a growth sector. Overall, the active average inventory of units for sale declined 8.2% to 24,501 in 2013, which is about half the peak levels of 2008. According to data from the Maryland Association of Realtors, unit sales for 2014 increased 2.8%, with the median unit price up just 0.8%. The recent slowdown in median price is likely attributable to increased inventory; the average monthly inventory throughout 2014 increased 15.0% from the prior year.

### Aggregate Value of and Building Permits Issued for Residential Construction in Maryland

<u>Year</u>	<u>Value of Construction in Current Dollars (\$ in millions)</u>	<u>Change</u>	<u>Number of Permits Issued</u>	<u>Change</u>
2004	\$ 3,822.7	2.7%	27,382	-8.5%
2005	4,687.6	22.6	30,180	10.2
2006	3,889.9	-17.0	23,262	-22.9
2007	3,768.8	-3.1	18,582	-20.1
2008	2,229.7	-40.8	13,018	-29.9
2009	2,089.0	-6.3	11,123	-14.6
2010	1,951.9	-6.6	11,931	7.3
2011	2,204.6	12.9	13,481	13.0
2012	2,409.9	9.3	15,217	12.9
2013	2,811.2	16.7	17,918	17.7

Source: U.S. Department of Commerce, Bureau of the Census.

### Home Sales and Median Home Price

<u>Year</u>	<u>Unit Home Sales</u>	<u>Growth</u>	<u>Median Home Price</u>	<u>Growth</u>
2004	99,801	10.6%	\$236,314	19.9%
2005	100,130	0.3	286,837	21.4
2006	79,056	-21.0	307,227	7.1
2007	60,784	-23.1	306,585	-0.2
2008	44,563	-26.7	285,224	-7.0
2009	49,237	10.5	258,284	-9.4
2010	50,877	3.3	247,280	-4.3
2011	51,042	0.3	228,275	-7.7
2012	54,068	5.9	243,913	6.9
2013	61,073	13.0	256,355	5.1
2014	62,791	2.8	258,494	0.8

Source: Maryland Association of Realtors.

## Taxable Retail Sales

A relatively strong economy, low interest rates and high levels of mortgage refinancing resulted in robust growth in fiscal years 2004 through 2006. As the economy slowed in fiscal year 2007, and the boost from mortgage refinancing and other housing-related issues faded, growth slowed precipitously. The onset of the most recent recession coupled with high gas prices resulted in declining taxable retail sales for fiscal year 2008. Fiscal year 2009 saw continued reductions in retail sales as declining wealth, increased unemployment, and a lack of credit weighed heavily across all categories of the base. Though sales and use tax collection growth in fiscal year 2010



finished negative, Maryland experienced four consecutive months of positive growth in sales and use tax collections in the final months of the fiscal year 2010, and that trend carried into fiscal year 2011. In fiscal year 2011, taxable sales increased at their greatest rate since fiscal year 2006, as taxable purchases of vehicles and other goods rebounded, likely the result of improved equity markets, a relatively stabilized job market, and pent-up demand. Growth slowed in fiscal year 2013 as federal budget sequestration, the fiscal cliff of 2012, and the expiration of the federal payroll tax reduction weighed on income growth and confidence. Fiscal 2014 saw improvement from 2013, though the acceleration was largely attributable to vehicle sales whereas basic taxable spending increased less than 2.0%. The following table illustrates the changes in taxable sales for fiscal years 2005 through 2014.

**Taxable Retail Sales in Maryland**  
(includes automobile sales)  
(\$ in thousands)

<u>Fiscal Year</u>	<u>Taxable Retail Sales</u>	<u>Change</u>
2005	\$ 77,427,480	5.6%
2006	81,933,900	5.8
2007	82,568,490	0.8
2008	80,120,978	-3.0
2009	72,413,624	-9.6
2010	71,521,298	-1.2
2011	74,479,247	4.1
2012	76,758,835	3.1
2013	78,254,027	1.9
2014	80,415,065	2.8

Source: Comptroller of the Treasury, Bureau of Revenue Estimates.  
Note: Includes sales and use tax base and motor vehicle excise tax base.

**Other Economic Factors**

*Real Estate.* Following several years of declining activity and values, data from the Maryland Association of Realtors indicates that the residential real estate market has somewhat stabilized. Following the housing price trough in 2011, prices have increased for three consecutive years, albeit at a slower pace in 2014. Unit sales growth has improved each year since 2009. Notably, the average median price in 2014 was 15.9% less than its 2006 peak and sales volume in 2014 was 37.3% below its 2005 peak. Of course, this would not be expected in the absence of an unsustainable housing bubble. As a result of the housing bubble, risk remains in the outlook as the percentage of loans in Maryland beginning the foreclosure process has remained elevated in comparison to pre-recession levels, and there may be an inventory of other units that have been held from the market in anticipation of higher prices. The elevated number of foreclosures was expected as Maryland employs a judicial foreclosure process.

*The Port of Baltimore.* As one of the largest ports on the East Coast by tonnage, in 2014 the Port of Baltimore handled 29.5 million tons of foreign commerce cargo valued at \$52.5 billion. This represented a 3.0% decrease in tons from 2013; valuation only decreased 0.2%. A large portion of the decreased tonnage can be attributed to the 15.0% decrease in coal exports and the 94.3% decrease in iron ore exports, likely related to the recent closure of the Sparrows Point steel mill. Owned by the State but operated by a private entity (Ports America), the Port is in an excellent position to capitalize on the widening of the Panama Canal. The project to widen the Canal, which is expected to finish in 2016, will permit longer and wider ships to pass and other than Baltimore, few east coast ports have the berth depths and cranes to handle such ships.

*Biotechnology.* Maryland is well-positioned in the front ranks of the biotechnology field. The State's concentration of higher education and research institutions, particularly medical schools, a thriving pharmaceuticals industry and one of the most highly educated workforces in the country have created growth opportunities for the biotechnology companies that have located or started up here. Further, the State currently offers a biotechnology investment incentive tax credit for investments in qualified Maryland biotechnology companies. The State also provides seed and early-stage equity funding for biotechnology companies through the Maryland Venture Fund. In

addition, there are more than 20 business incubators located throughout the State, providing support for the development of biotechnology enterprises.

*Base Realignment and Closure.* The State received more federal jobs than any other state in the country as a result of the 2005 Base Realignment and Closure (“BRAC”) process. As part of BRAC, the commands of the Army Team C4ISR, Defense Information Systems Agency, Defense Media Activity, Army Research, Development and Engineering, and Walter Reed Hospital have been moved to Maryland. It was estimated that 45,000 jobs with an average wage of \$70,388 would be created in or moved to Maryland by 2020 - of that, more than 15,000 would be direct, more than 22,000 would be indirect, and more than 7,000 would be induced. Presumably many of these jobs are currently in place because the direct federal job realignment had a statutory end date of September 15, 2011; for this reason, many of the related indirect jobs are likely in place as well. Although much of the activity has already occurred, a substantial amount of economic upside remains as a portion of the individuals in these positions may be telecommuting at this time and will likely move to Maryland at a later date or their positions will be filled with Maryland residents as employees turn over. Separately but related, the U.S. Cyber Command, established at Fort Meade, Maryland in May 2010 and activated in October 2010, is expected to add 1,000 jobs annually for the next several years.

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PROPOSED FORM OF BOND COUNSEL'S OPINION

[Closing Date]

Secretary of Transportation of Maryland  
7201 Corporate Center Drive  
P.O. Box 548  
Hanover, Maryland 21076

Dear Sir:

In connection with the issuance by the Maryland Department of Transportation (the "Department") of its \$136,000,000 Consolidated Transportation Bonds, Series 2015 (Second Issue) and \$259,715,000 Consolidated Transportation Bonds, Refunding Series 2015 (collectively, the "Bonds"), we have examined:

- (i) Title 3 of the Transportation Article of the Annotated Code of Maryland (2015 Replacement Volume) as amended and supplemented from time to time (the "Act");
- (ii) a Resolution of the Secretary of Transportation dated as of May 5, 2015 (the "Resolution");
- (iii) the form of Bonds;
- (iv) relevant provisions of the Constitution and laws of the State of Maryland (the "State");
- (v) relevant provisions of the Internal Revenue Code of 1986, as amended (the "Code"); and
- (vi) other proofs submitted to us relative to the issuance and sale of the Bonds.

The terms of the Bonds are contained in the Resolution and the Bonds. The Bonds are subject to redemption in the manner and upon the terms and conditions set forth in the Resolution and the Bonds.

We have made no investigation of, and are rendering no opinion regarding, the title to real or personal property.

In rendering this opinion, we have relied without independent investigation on the representations of certain officials of the Department made on behalf of the Department in its Tax Certificate with respect to certain material facts within the knowledge of the Department relevant to the tax-exempt status of interest on the Bonds.

Based upon the foregoing, we are of the opinion that:

- (a) The Act is a valid enactment and the Department is a validly created and existing agency of the State of Maryland possessing authority under the Act to issue the Bonds;
- (b) The Bonds have been duly authorized and validly issued for a valid public purpose in accordance with the Constitution and laws of the State of Maryland, the Act and the Resolution;

(c) The Bonds are valid and legally binding obligations of the Department only, payable as to both principal and interest solely from the tax proceeds and other available revenues of the Department specified in the Act; the Bonds are not general obligations of the State of Maryland and the faith and credit of the State of Maryland is not pledged to the principal of or interest on the Bonds;

(d) The Bonds, their transfer, the interest payable on them, and any income derived from them, including any profit realized in their sale or exchange, shall be exempt from taxation of any kind by the State or by any of its political subdivisions, municipal corporations, or public agencies of any kind. No opinion is expressed as to estate or inheritance taxes or any other taxes not levied or assessed directly on the Bonds or the interest thereon.

(e) Assuming compliance with certain covenants referred to herein, interest on the Bonds will be excludable from gross income for federal income tax purposes under existing statutes, regulations and decisions. It is noted that under the provisions of the Code, there are certain restrictions that must be met subsequent to the delivery of the Bonds, including restrictions that must be complied with throughout the term of the Bonds, in order that the interest thereon be excludable from gross income. These include: (i) a requirement that certain investment earnings received from the investment of the proceeds of the Bonds be rebated (or that certain payments in lieu of rebate be made) to the United States of America under certain circumstances; (ii) requirements applicable to the investment of such proceeds and (iii) other requirements applicable to the use of the proceeds of the Bonds and the use of the facilities financed or refinanced with such proceeds. Failure to comply with one or more of these requirements could result in the inclusion of the interest payable on the Bonds in gross income for federal income tax purposes, effective from the date of their issuance. The Department has covenanted to regulate the investment of the proceeds of the Bonds, and to take such other actions as may be required to maintain the excludability of interest on the Bonds from gross income for federal income tax purposes.

(f) Interest on the Bonds is not includable in the alternative minimum taxable income of individuals, corporations or other taxpayers as an enumerated item of tax preference or other specific adjustment. However, for purposes of calculating the corporate alternative minimum tax, a corporation subject to tax may be required to increase its alternative minimum taxable income by 75% of the amount by which its "adjusted current earnings" exceed its alternative minimum taxable income (computed without regard to this current earnings adjustment and the alternative tax net operating loss deduction). For such purposes, "adjusted current earnings" would include, among other items, interest income from the Bonds. In addition, interest income on the Bonds will be subject to the branch profits tax imposed by the Code on foreign corporations engaged in a trade or business in the United States of America.

The opinions expressed above are limited to the matters set forth above, and no other opinions should be inferred beyond the matters expressly stated. We assume no obligation to supplement this opinion if any applicable laws or interpretations thereof change after the date hereof or if we become aware of any facts or circumstances that might change the opinions expressed herein after the date hereof.

Very truly yours,

**FORM OF CONTINUING DISCLOSURE AGREEMENT**

This **CONTINUING DISCLOSURE AGREEMENT** (this “Disclosure Agreement”) is executed and delivered by the Department of Transportation of Maryland (the “Department”) in connection with the issuance of its \$136,000,000 Department of Transportation Consolidated Transportation Bonds, Series 2015 (Second Issue) (the “Construction Bonds”) and its \$259,715,000 Department of Transportation Consolidated Transportation Bonds, Refunding Series 2015 (the “Refunding Bonds”, together with the Construction Bonds, the “Bonds”). The Bonds are being issued pursuant to the provisions of Sections 3-101 to 3-217, inclusive, of the Transportation Article of the Annotated Code of Maryland (2015 Replacement Volume) as amended and supplemented from time to time (the “Act”), resolutions issued by the Board of Public Works of Maryland (the “Board”) on April 15, 2015 and a resolution of the Secretary of Transportation dated as of May 5, 2015. The Department, intending to be legally bound hereby and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby covenant and agree as follows:

**Section 1. Purpose of the Disclosure Agreement.**

This Disclosure Agreement is being executed and delivered by the Department for the benefit of the owners and beneficial owners of the Bonds and in order to assist the Participating Underwriters in complying with the Rule. The Department’s obligations hereunder shall be limited to those required by written undertaking pursuant to the Rule.

**Section 2. Definitions.**

In addition to the definitions set forth above, which apply to any capitalized term used in this Disclosure Agreement, the following capitalized terms shall have the following meanings:

“**CONTINUING DISCLOSURE SERVICE**” shall mean the continuing disclosure service established by the MSRB (defined herein) known as the Electronic Municipal Market Access (“EMMA”) system or such other format as prescribed by the MSRB.

“**DISSEMINATION AGENT**” shall mean the Department, acting as Dissemination Agent hereunder, or any successor Dissemination Agent designated in writing by the Department.

“**LISTED EVENT**” shall mean any of the events listed in Section 4 of this Disclosure Agreement.

“**MSRB**” shall mean the Municipal Securities Rulemaking Board established pursuant to Section 15B(b)1 of the Securities Exchange Act of 1934, as amended.

“**PARTICIPATING UNDERWRITER**” shall mean any of the original underwriters of the Bonds required to comply with the Rule in connection with offering of the Bonds.

“**RULE**” shall mean Rule 15c2-12(b)(5) adopted by the SEC under the Securities Exchange Act of 1934, as the same may be amended from time to time.

“**SEC**” shall mean the United States Securities and Exchange Commission.

**Section 3. Provision of Annual Financial Information, Operating Data and Audited Information.**

(a) The Department shall provide to the Continuing Disclosure Service annual audited financial for the Department, such information to be made available within 275 days after the end of the fiscal year for the Department, commencing with the fiscal year ending June 30, 2014, unless the audited financial statements are not available on or before such date, in which event said financial statements will be provided promptly when and if

available. In the event that audited financial statements are not available within 275 days after the end of the fiscal year of the Department (commencing with the fiscal year ending June 30, 2014), the Department will provide unaudited financial statements within said time period.

(b) The Department's financial statements referred to in paragraph (a) shall be prepared in accordance with generally accepted accounting principles except as otherwise disclosed in the notes thereto or in the Official Statement for the Bonds.

(c) If the Department is unable to provide the annual financial statements within the applicable time period specified in paragraph (a) above, the Department shall send in a timely manner a notice of such failure to the Continuing Disclosure Service.

#### **Section 4. Reporting of Significant Events.**

(a) Pursuant to provisions of this Section 4, the Department shall give or cause to be given notice of the occurrence of any of the following events with respect to the Bonds:

- (i) principal and interest payment delinquencies,
- (ii) non-payment related defaults, if material,
- (iii) unscheduled draws on debt service reserves reflecting financial difficulties,
- (iv) unscheduled draws on credit enhancements, if any, reflecting financial difficulties,
- (v) substitution of credit or liquidity providers, if any, or their failure to perform,
- (vi) adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the security, or other material events affecting the tax status of the Bonds,
- (vii) modifications to rights of Bond Holders, if material,
- (viii) bond calls, if material, and tenders offers,
- (ix) defeasances,
- (x) release, substitution or sale of property securing repayment of any of the Bonds, if material,
- (xi) rating changes,
- (xii) bankruptcy, insolvency, receivership or similar event of the Department,\*\*
- (xiii) the consummation of a merger, consolidation or acquisition involving the Department or the sale of all or substantially all of the assets of the Department, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material, and
- (xiv) appointment of a successor or additional trustee or the change of name of a trustee, if material.

(b) The Department agrees to provide, in a timely manner, not in excess of ten (10) business days after the

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\*\* For the purposes of the event identified in clause (xii) above, the event is considered to occur when any of the following occur: the appointment of a receiver, fiscal agent or similar officer for the Department in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under state or federal law in which a court or governmental authority has assumed jurisdiction over substantially all of the assets or business of the Department, or if such jurisdiction has been assumed by leaving the existing governing body and officials or officers in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the Department.

occurrence of a Listed Event, notice of such occurrence with the Continuing Disclosure Service.

#### **Section 5. Termination of Reporting Obligation.**

The Department's obligations under this Disclosure Agreement shall terminate upon the payment in full of all of the Bonds either at their maturity or by early redemption. In addition, the Department may terminate its obligations under this Disclosure Agreement if and when it no longer remains an obligated person with respect to the Bonds within the meaning of the Rule.

#### **Section 6. Amendment.**

The Department may provide further or additional assurances that will become part of the Department's obligations under this Disclosure Agreement. In addition, this Disclosure Agreement may be amended by the Department in its discretion provided that (i) the amendment may only be made in connection with a change in circumstances that arises from a change in legal requirements, change in law, or change in the identity, nature or status of the Department as the obligated person with respect to the Bonds, or in the type of business conducted; (ii) the Disclosure Agreement, as amended, would have complied with the requirements of the Rule at the time of the issuance of the Bonds, after taking into account any amendments or interpretations of the Rule, as well as any change in circumstances; and (iii) the amendment does not materially impair the interests of holders of the Bonds, as determined by counsel selected by the Department that is expert in federal securities law matters. The reasons for the Department agreeing to provide any further or additional assurances or for any amendment and the impact of the change in the type of operating data or financial information being provided will be explained in information provided with the annual financial information containing the additional or amended operating data or financial information.

#### **Section 7. Additional Information.**

Nothing in this Disclosure Agreement shall be deemed to prevent the Department from disseminating any other information, using the means of dissemination set forth in this Disclosure Agreement or any other means of communication, or including any other information in any disclosure made pursuant to Section 4 hereof or notice of occurrence of a Listed Event in addition to that which is required by this Disclosure Agreement. If the Department chooses to include any information in any disclosure made pursuant to Section 4 hereof or notice of occurrence of a Listed Event in addition to that which is specifically required by this Disclosure Agreement, the Department shall have no obligation under this Disclosure Agreement to update such information or include it in any future disclosure made pursuant to Section 4 hereof or notice of occurrence of a Listed Event.

#### **Section 8. Law of Maryland.**

This Disclosure Agreement, and any claim made with respect to the performance by the Department of its obligations hereunder, shall be governed by, be subject to and be construed according to the laws of the State of Maryland (without regard to provisions on conflicts of laws) or federal law.

#### **Section 9. Limitation of Forum.**

Any suit or other proceeding seeking redress with regard to any claimed failure by the Department to perform its obligations under this Disclosure Agreement must be filed in the Circuit Court for Anne Arundel County, Maryland.

#### **Section 10. Dissemination Agent.**

The Department may, from time to time, appoint or engage a Dissemination Agent to assist it in carrying out its obligations under this Disclosure Agreement, and may discharge any such Dissemination Agent, with or without appointing a successor Dissemination Agent. The Dissemination Agent shall not be responsible in any manner for the content of any notice or report prepared by the Department pursuant to this Disclosure Agreement. If at any time there is not any other designated Dissemination Agent, the Department shall be the Dissemination Agent.

**Section 11. Limitation on Remedies.**

The Department shall be given written notice at the address set forth below of any claimed failure by the Department to perform its obligations under this Disclosure Agreement, and the Department shall be given 45 days to remedy any such claimed failure. Any suit or other proceeding seeking further redress with regard to any such claimed failure by the Department shall be limited solely to specific performance as the adequate and exclusive remedy available in connection with such action. Written notice to the Department shall be given to the Secretary of Transportation, 7201 Corporate Center Drive, Hanover, MD 21076, with a copy to the Director, Office of Finance, Maryland Department of Transportation, 7201 Corporate Center Drive, Hanover, MD 21076, or at such alternate address as may be specified by the Department with disclosures made pursuant to Section 4 hereof or a notice of occurrence of a Listed Event.

**Section 12. Duty to Update EMMA/MSRB.**

The Department agrees that it shall determine, in the manner it deems appropriate, whether there has occurred a change in the MSRB's e-mail address or filing procedures and requirements under EMMA each time it is required to file information with the MSRB.

**Section 13. Recordkeeping.**

The Department agrees that it shall maintain records of all disclosures of annual financial information and operating data and disclosures of material events listed in Section 4 above, including the content of such disclosures, the names of the entities with whom such disclosures were filed and the dates of filings such disclosures.

**Section 14. Relationship to Bonds.**

This Disclosure Agreement constitutes an undertaking by the Department that is independent of the Department's obligations with respect to the Bonds. Any breach or default by the Department under this Disclosure Agreement shall not constitute or give rise to a breach or default under the Bonds.

**Section 15. Beneficiaries.**

This Disclosure Agreement shall inure solely to the benefit of the owners and beneficial owners from time to time of the Bonds, and shall create no rights in any other person or entity.

**IN WITNESS WHEREOF** this Disclosure Agreement is being executed by the Secretary of Transportation on behalf of the Department as of this 18th day of June, 2015.

**DEPARTMENT OF TRANSPORTATION OF MARYLAND**

By: \_\_\_\_\_  
Pete K. Rahn  
Secretary of Transportation



**BOOK-ENTRY ONLY SYSTEM - GENERAL**

The Depository Trust Company (“DTC”), New York, NY, will act as securities depository for the Bonds (as hereinafter defined). The Bonds will be issued as fully-registered securities registered in the name of Cede & Co. (DTC’s partnership nominee) or such other name as may be requested by an authorized representative of DTC. One fully registered certificate of the \$136,000,000 Department of Transportation Consolidated Transportation Bonds, Series 2015 (Second Issue) (the “Construction Bonds”), will be issued for each maturity of the Construction Bonds, and one fully registered certificate of the \$259,715,000 Department of Transportation Consolidated Transportation Bonds, Refunding Series 2015 (the “Refunding Bonds”, together with the Construction Bonds, the “Bonds”), each in the aggregate principal amount of such maturity, and will be deposited with DTC.

DTC, the world’s largest securities depository, is a limited-purpose trust company organized under the New York Banking Law, a “banking organization” within the meaning of the New York Banking Law, a member of the Federal Reserve System, a “clearing corporation” within the meaning of the New York Uniform Commercial Code, and a “clearing agency” registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934. DTC holds and provides asset servicing for over 3.5 million issues of U.S. and non-U.S. equity issues, corporate and municipal debt issues, and money market instruments from over 100 countries that DTC’s participants (“Direct Participants”) deposit with DTC. DTC also facilitates the post-trade settlement among Direct Participants of sales and other securities transactions in deposited securities through electronic computerized book-entry transfers and pledges between Direct Participants’ accounts. This eliminates the need for physical movement of securities certificates. Direct Participants include both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. DTC is a wholly owned subsidiary of The Depository Trust & Clearing Corporation (“DTCC”). DTCC is the holding company for DTC, National Securities Clearing Corporation and Fixed Income Clearing Corporation, all of which are registered clearing agencies. DTCC is owned by the users of its regulated subsidiaries. Access to the DTC system is also available to others such as both U.S. and non-U.S. securities brokers and dealers, banks, trust companies and clearing corporations that clear through or maintain a custodial relationship with a Direct Participant, either directly or indirectly (“Indirect Participants”). DTC has a Standard & Poor’s rating of: AA+. The DTC Rules applicable to its Participants are on file with the Securities and Exchange Commission. More information about DTC can be found at [www.dtcc.com](http://www.dtcc.com).

Purchases of the Bonds under the DTC system must be made by or through Direct Participants, which will receive a credit for the Bonds on DTC’s records. The ownership interest of each actual purchaser of each Bond (“Beneficial Owner”) is in turn recorded on the Direct and Indirect Participants’ records. Beneficial Owners will not receive written confirmation from DTC of their purchase. Beneficial Owners are, however, expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the Direct or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the Bonds are accomplished by entries made on the books of Direct and Indirect Participants acting on behalf of Beneficial Owners. Beneficial Owners will not receive certificates representing their ownership interests in the Bonds, except in the event that use of the book-entry system for the Bonds is discontinued.

To facilitate subsequent transfers, all Bonds deposited by Direct Participants with DTC are registered in the name of DTC’s partnership nominee, Cede & Co., or such other name as may be requested by an authorized representative of DTC. The deposit of the Bonds with DTC and their registration in the name of Cede & Co. or such other DTC nominee do not effect any change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the Bonds; DTC’s records reflect only the identity of the Direct Participants to whose accounts such Bonds are credited, which may or may not be the Beneficial Owners. The Direct and Indirect Participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to Direct Participants, by Direct Participants to Indirect Participants and by Direct Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time.

Redemption notices shall be sent to DTC. If less than all of the Bonds within a maturity are being redeemed, DTC’s practice is to determine by lot the amount of the interest of each Direct Participant in such maturity to be

redeemed. Neither DTC nor Cede & Co. (nor any other DTC nominee) will consent or vote with respect to the Bonds unless authorized by a Direct Participant in accordance with DTC Procedures. Under its usual procedures, DTC mails an Omnibus Proxy to the Issuer as soon as possible after the record date. The Omnibus Proxy assigns Cede & Co.'s consenting or voting rights to those Direct Participants to whose accounts the Bonds are credited on the record date (identified in a listing attached to the Omnibus Proxy).

Redemption proceeds, distributions and dividend payments on the Bonds will be made to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC. DTC's practice is to credit Direct Participants' accounts upon DTC's receipt of funds and corresponding detail information from Issuer or Agent, on the payable date in accordance with their respective holdings shown on DTC's records. Payments by Participants to Beneficial Owners will be governed by standing instructions and customary practices, as is the case with securities held for the accounts of customers in bearer form or registered in "street name", and will be the responsibility of such Participant and not of DTC or the Department of Transportation of Maryland (the "Department"), subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of redemption proceeds, distributions and dividend payments to Cede & Co. (or such other nominee as may be requested by an authorized representative of DTC) is the responsibility of the Department, and disbursement of such payments to Direct Participants will be the responsibility of DTC, and disbursement of such payments to the Beneficial Owners will be the responsibility of Direct and Indirect Participants.

DTC may discontinue providing its services as securities depository with respect to the Bonds at any time by giving reasonable notice to the Department. Under such circumstances, in the event that a successor securities depository is not obtained, Bond certificates are required to be printed and delivered.

The Department may decide to discontinue use of the system of book-entry transfers through DTC (or a successor securities depository). In that event, Bond certificates will be printed and delivered.

#### **BOOK-ENTRY ONLY SYSTEM — MISCELLANEOUS**

The information in the section "Book-Entry Only System - General" has been obtained by the Department from sources that the Department believes to be reliable. The Department takes no responsibility for the accuracy or completeness thereof. The Department will have no responsibility or obligation to DTC Participants or the persons for whom they act as nominees with respect to the payments to or the providing of notice to the DTC Participants, or the Indirect Participants, or Beneficial Owners. The Department cannot and does not give any assurance that DTC Participants or others will distribute principal and interest payments paid to DTC or its nominees, as the registered owner, or any redemption or other notices, to the Beneficial Owners, or that they will do so on a timely basis or that DTC will serve and act in the manner described in this Official Statement.

#### **TERMINATION OF BOOK-ENTRY ONLY SYSTEM**

In the event that the Book-Entry Only System is discontinued, the Bonds will be delivered by DTC to the Registrar and such Bonds will be exchanged for Bonds registered in the names of the DTC Participants or the Beneficial Owners identified to the Registrar. In such event, certain provisions of the Bonds pertaining to ownership of the Bonds will be applicable to the registered owners of the Bonds as described below.

Interest on the Bonds will be payable by check mailed by the Paying Agent and Registrar to the persons in whose names the Bonds are registered as of the close of business on the Regular Record Date (being the fifteenth day of the month immediately preceding each interest payment date) at the addresses shown on the registration books of the Department maintained by the Registrar; provided, however, that any such interest not punctually paid or duly provided for shall cease to be payable to the registered owner on such Regular Record Date, and may be paid to the persons in whose names such Bonds are registered as of the close of business on a date to be fixed by the Paying Agent for the payment of such defaulted interest (the "Special Record Date"), notice of which will be given by letter mailed first class, postage prepaid, to such persons, not less than 30 days prior to such Special Record Date, at the addresses of such persons appearing on the registration books of the Department maintained by the Registrar, or may be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Bonds may be listed and upon such notice as may be required by such exchange. The principal of and premium, if any, on the Bonds will be payable at the principal office of the Paying Agent.

The Bonds in fully certificated form will be fully registered Bonds without coupons in the denomination of \$5,000 each or any integral multiple thereof. Bonds will be transferable only upon the registration books kept at the principal office of the Registrar, by the registered owner thereof in person, or by an attorney duly authorized in writing, upon surrender thereof together with a written instrument of transfer in the form attached thereto and satisfactory to the Registrar, and duly executed by the registered owner or a duly authorized attorney. The Department may deem and treat the person in whose name a Bond is registered as the absolute owner thereof for the purpose of receiving payment of or on account of the principal or redemption price thereof and interest due thereon and for all other purposes.

The Bonds may be transferred or exchanged at the principal office of the Registrar. Upon any such transfer or exchange, the Department shall execute and the Registrar shall authenticate and deliver a new registered Bond or Bonds without coupons of any of the authorized denominations in an aggregate principal amount equal to the principal amount of the Bond exchanged or transferred, and maturing on the same date and bearing interest at the same rate. In each case, the Registrar may require payment by any holder of Bonds requesting exchange or transfer of Bond of any tax, fee, or other governmental charge, shipping charges, and insurance they may be required to be paid with respect to such exchange or transfer, but otherwise no charge shall be made to the holder of Bonds for such exchange or transfer. The Registrar shall not be required to transfer or exchange any certificate after the mailing of notice calling such Bond or portion thereof for redemption as herein above described; provided, however, that the foregoing limitation shall not apply to that portion of a Bond in excess of \$5,000 which is not being called for redemption.

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