

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
AGENDA**

**March 8, 2016**

**6:00 p.m.**

**Loudoun County Government Center  
1 Harrison Street, S.E., Leesburg, VA  
Board Room**

**Committee Members:**

**Matthew Letourneau, Chair**

**Phyllis Randall - Tony Buffington - Ralph Buona - Koran Saines**

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*\*Proposed for Consent*

- 1. Monthly Department of Economic Development Report (Information)**  
Election District: Countywide  
Staff Contacts: Buddy Rizer, Economic Development
  
- 2. \*CONTRACT RENEWAL/Engineering Services for the Loudoun County Stormwater Management Program (Action)**  
Election District: Countywide  
Staff Contacts: Ernest Brown, General Services  
Steve Plante, General Services  
Christopher Bresley, Finance and Procurement
  
- 3. \*CONTRACT RENEWAL/Library Material Suppliers (Action)**  
Election District: Countywide  
Staff Contacts: Chang Liu, Department of Library Services  
Mary Lou Demeo, Library Services  
Diane C. Smith, Finance and Procurement
  
- 4. \*CONTRACT RENEWAL/Offsite Hosting Services (Action)**  
Election District: Countywide  
Staff Contacts: Wendy Wickens, Information Technology  
Kevin Eppard, Information Technology  
Cheryl Middleton, Finance and Procurement
  
- 5. \*CONTRACT AWARD AUTHORITY INCREASE/NOVEC Managed Network Transport Services (Action)**  
Election District: Countywide  
Staff Contacts: Wendy Wickens, Information Technology  
Ken Olson, Information Technology  
Sandra Lineberry, Finance and Procurement

6. **\*AWARD AUTHORITY INCREASE/Snow and Ice Control Services (Action)**  
Election District: Countywide  
Staff Contacts: Ernest Brown, General Services  
Don McGarry, General Services  
Philip Butterfass, Finance and Procurement
  
7. **\*AWARD AUTHORITY INCREASE/Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road (Action)**  
Election District: Dulles  
Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure  
Mark Hoffman, Transportation and Capital Infrastructure  
Mike Angel, Finance and Procurement
  
8. **Contract Award/Utilities Relocation for Mooreview Parkway – Columbia Gas Transmission LLC**  
Election District: Dulles  
Staff Contacts: Melissa Tello, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Cheryl Middleton, Finance and Procurement  
Belkys Escobar, Assistant County Attorney
  
9. **Monthly Report/Implementation of the Enterprise Resource Planning (ERP) Project (Information)**  
Election District: Countywide  
Staff Contacts: John Sandy, County Administration  
Robert Middaugh, County Administration  
Wendy Wickens, Information Technology  
Penny Newquist, Finance and Procurement  
Vince Marchesano, Vivad Technologies, LLC
  
10. **Quarterly Report/Budget FY 2016 Q2 (Information)**  
Election District: Countywide  
Staff Contacts: Erin McLellan, Management and Budget  
Megan Bourke, Management and Budget  
Doug Kinney, Management and Budget
  
11. **FY 2017 – FY 2022 Proposed Capital Improvement Program (Action)**  
Election District: Countywide  
Staff Contacts: Daniel Csizmar, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Julie Crim, Transportation and Capital Infrastructure  
Peter Malgieri, Transportation and Capital Infrastructure

## 12. Closed Session

I move that the Finance/Government Operations and Economic Development Committee go into Closed Session pursuant to Virginia Code Section 2.2-3711(A)(7) for actual or probable litigation and for consultation with legal counsel and briefings by staff on the contract with AST Corporation for the implementation of ERP.

### Resolution Motion

I move that the Finance/Government Operations and Economic Development Committee approve the Resolution in the packet certifying that only such matters identified in the motion convening the Closed Session were discussed and no formal action by the Board was taken in the Closed Session.

Election District: Countywide

Staff Contact: Leo Rogers, County Attorney

**Next Meeting: April 12, 2016\***

\*Next meeting date unless another meeting is required prior to this date due to Proposed CIP deliberations.

If you require a reasonable accommodation for any type of disability in order to participate in the Finance/Government Operations and Economic Development Committee Meeting, please contact the Office of the County administrator at 703-777-0200/TTY-711. At least one business day of advance notice is requested; some accommodations may require more than one day of notice. FM Assistive Listening System is available at the meeting.

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
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AGENDA SUMMARY**

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**Committee Members:**

**Matthew Letourneau, Chair**

**Phyllis Randall - Tony Buffington - Ralph Buona - Koran Saines**

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*\*Proposed for Consent*

**1. Monthly Department of Economic Development Report (Information)**

The Department of Economic Development's monthly statistical report shows leading economic indicators for Loudoun County and key department performance indicators. The Director will also report on economic development activities that have occurred since the February 11, 2016 meeting.

Election District: Countywide

Staff Contacts: Buddy Rizer, Economic Development

**2. \*CONTRACT RENEWAL/Engineering Services for the Loudoun County Stormwater Management Program (Action)**

The purpose of this item is to authorize the renewal of the Engineering Services for the Loudoun County Stormwater Management Program contracts. Staff is recommending award of the first renewal option based upon past performance of all three firms. Renewal contract awards are only provided to those contractors with satisfactory performance. The County uses these contracts to provide professional engineering services to support the Loudoun County Stormwater Management Program. As defined in Code of Federal Regulations (40CFR122.26) [Revised as of July 1, 2001], the Federal Clean Water Act requires cities and urbanized counties having populations above 50,000 to develop stormwater management programs and obtain discharge permits for stormwater outfalls. The eastern portion of Loudoun County (i.e., an area of approximately 81 square miles) currently falls under these requirements; however, it is possible over time that all of Loudoun County could be subject to these regulations. In Virginia, the program is managed by the Department of Environmental Quality which issues stormwater discharge permits.

The County estimates spending \$1,000,000 on Engineering Services for the Loudoun County Stormwater Management Program during the contract period (April 15, 2016 – April 14, 2017). Sufficient funding is appropriated in the Storm Water Management capital project to award this contract. This project was approved and included in the adopted FY 2016 Capital Improvement Program. The source of funding for the project is local tax funding.

Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to

award the first renewal option for the Engineering Services for the Loudoun County Stormwater Management Program contracts to: URS Corporation, GKY & Associates, Inc., and the Timmons Group, Inc. in the total estimated amount of \$1,000,000.

Election District: Countywide

Staff Contacts: Ernest Brown, General Services

Steve Plante, General Services

Christopher Bresley, Finance and Procurement

**3. \*CONTRACT RENEWAL/Library Material Suppliers (Action)**

On March 22, 2011, staff issued Request for Proposal (RFP) No. QQ-01644 to find a pool of qualified Library Material Suppliers. The intent of this RFP was to obtain firm fixed price proposals from firms specializing in providing library materials to include the purchase of library materials (books, DVDs, audio books, and compact disks) for public libraries. This RFP has an ongoing acceptance date which allows for the continuous submission of proposals by new firms interested in providing library material supplies. Thus far, the County has received 22 proposals. On March 18, 2015, the Board of Supervisors authorized the Purchasing Agent to exercise the fourth renewal option for the estimated amount of \$1,100,000 for the period of July 1, 2015 to June 30, 2016. Staff is recommending that the Board permit staff to exercise the fifth and final renewal option under this contract for the period of July 1, 2016 through June 30, 2017. Procurement of library materials through a pool of vendors has been very successful over the last 20 years in providing the largest possible range of library materials and services. Contract(s) to a contractor pool allows for the greatest selection, availability, efficiency and cost savings. Orders are placed with a vendor offering the best discount and availability for the material needed.

Sufficient funding is available in the Department of Library Services' FY 2017 proposed operating budget to renew the contract in the estimated amount of \$1,100,000. No additional funding is being requested for this contract renewal.

Election District: Countywide

Staff Contacts: Chang Liu, Department of Library Services

Mary Lou Demeo, Library Services

Diane C. Smith, Finance and Procurement

**4. \*CONTRACT RENEWAL/Offsite Hosting Services (Action)**

On March 18, 2015, the Board authorized a one year contract award for offsite hosting services with OneNeck IT Solution, LLC (OneNeck) in the estimated amount of \$936,086. The contract was awarded for the period of April 1, 2015 through March 31, 2016 with up to two additional one year renewal options.

In January 2012, both the County and the Schools began the replacement of financial and personnel/payroll applications with an Oracle based solution (Phase 2). As a result of the negotiations with the chosen system integrator, AST Corporation (AST), the County chose to host and manage the physical hardware and software environments with an offsite vendor. The hosting services utilized to support the County's Oracle Enterprise Resource Plan (ERP) systems include the purchasing of all server and network hardware, operating system software as well as management and maintenance of the servers, networks, security and databases in a

highly available, disaster recoverable environment. OneNeck was selected as the subcontractor to provide these services under the agreement with AST. The hosting services through AST ended in March 2015, which is when the County entered into a contract directly with OneNeck for hosting services. Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to utilize the first renewal option for the contract period April 1, 2016 through March 31, 2017 for offsite hosting services to OneNeck in the estimated amount of \$1,250,000.

Sufficient funding is appropriated in the Department of Information Technology's FY 2016 operating budget for annualized services. The FY 2017 Proposed Budget includes \$1,250,000 for 12 months of hosting services. There is adequate funding to fund the entire proposed contract amount. No additional funding is being requested for this contract renewal.

Election District: Countywide

Staff Contacts: Wendy Wickens, Information Technology  
Kevin Eppard, Information Technology  
Cheryl Middleton, Finance and Procurement

**5. \*CONTRACT AWARD AUTHORITY INCREASE/NOVEC Managed Network  
Transport Services (Action)**

Currently, the County has one managed connection provider for the following 17 sites: Aldie Fire Station, Brambleton Fire Station, Sterling Fire Station, Kincora Public Safety Center, Dulles South Public Safety Center, Eastern Loudoun Sheriff's Office, Dulles Town Center Sheriff's Office, Gum Springs Library, Cascades Library, Cascades Sr. Center, Sterling Library/Community Center, Dulles South Multi-purpose Facility, Claude Moore Park Potomac Lakes Sportsplex, Mirror Ridge Group Home, Sterling Tower and Ridgetop Circle. These sites connect to the County network and to the Internet via the Sterling Tower site which connects to Verizon. Presently, the County sites are at risk because they are solely dependent on a single Verizon connection at a single site, the Sterling Tower. Leveraging the existing Loudoun County NOVEC Solutions Inc. (NOVEC) connection with an additional NOVEC connection for these sites will help to ensure the continuity of County operations. NOVEC is the only services provider who can provide connectivity for Ridgetop via dark fiber from Ridgetop to the County network at Ragingwire. Additionally, NOVEC is the only service provider that currently has fiber already installed on the County network at the Government Center, the Department of Information Technology and Ragingwire locations. Staff recommends the Finance/Government Operations and Economic Development Committee recommend to the full Board of Supervisors that the Purchasing Agent be authorized to increase the contract for NOVEC Managed Network Transport Services with NOVEC in the amount of \$122,360 for a new contract award amount of \$565,310. Sufficient funding for these services, including construction cost, through June 30, 2016 is available in the County adopted FY 2016 Department of Information Technology's operating budget. Future monthly recurring costs will be subject to Board appropriations.

Election District: Countywide

Staff Contacts: Wendy Wickens, Information Technology  
Ken Olson, Information Technology  
Sandra Lineberry, Finance and Procurement

6. **\*AWARD AUTHORITY INCREASE/Snow and Ice Control Services (Action)**

Invitation for Bid No. RFQ-10 was issued on August 5, 2014 for Snow and Ice Control Services. This contract includes snow removal and application of deicing agents using various types and sizes of equipment at the following locations: seven (7) Park and Ride Lots, twenty four (24) County Government Facilities and one (1) Subdivision. Three responses were received by the County. After evaluation of the responses it was decided to award Contracts to each of the firms. On September 20, 2014, staff awarded contracts to each of the firms that responded: Blake Landscapes Inc., Property Services Landscape Inc. and Village Landscapes and Irrigation Inc. After the Public Works Division, the Department of Transportation and Capital Infrastructure and the Department of Building and Development met and consulted with the firms, there was a plan put in place that would assign specific locations to each of the firms. The Public Works Division requires additional award authority under the Snow and Ice Control Services contracts due to the historic snowstorm, Jonas, on January 22nd and 23rd which required sustained operations, two new large County facilities and three new Park & Ride lots added this year and in anticipation of repeated snow and ice events and resulting retreatments. In accordance with the County Purchasing Resolution, a contract awarded under staff authority cannot exceed \$500,000 without approval of the Finance/Government Operations and Economic Development Committee and Board of Supervisors. Last year the County departments spent \$825,000 on snow and ice control services. As of February 24, 2016, the County has already spent \$718,000 on snow and ice control services for the contract period which ends September 30, 2016 due to the winter events that have occurred. Increased contract authority is essential to ensure appropriate coverage for the anticipated snow and ice events. Staff recommends the Finance/Government Operations and Economic Development Committee recommend to the full Board of Supervisors that the Purchasing Agent be authorized to increase the award authority of the contracts for Snow and Ice Control Services in the amount of \$500,000, for a new total of \$1,000,000.

Election District: Countywide

Staff Contacts: Ernest Brown, General Services  
Don McGarry, General Services  
Philip Butterfass, Finance and Procurement

7. **\*AWARD AUTHORITY INCREASE/Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road (Action)**

On April 30, 2012, staff awarded a contract for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road to J2 Engineers, Inc. in the amount of \$431,971. The scope of work includes survey services, environmental assessments, geotechnical investigation, roadway design, plat preparation, public meeting assistance, construction administration, and related services for the missing segment of Tall Cedars Parkway between Pinebrook Road and Gum Spring Road and signal design at the intersection of Tall Cedars Parkway and Gum Spring Road. On February 11, 2014, a \$45,780 change order was issued to slightly modify the roadway alignment to address concerns of property owners dedicating right-of-way to the project and to obtain additional soil samples within the updated road alignment. The change order increased the contract amount to \$477,751. In preparation to advertise the project for construction and to provide additional construction administration

services, change orders are required so the design consultant can provide additional services not included in the original design contract.

Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.

Sufficient funding is available in the Tall Cedars Parkway – Pinebrook Road to Gum Spring Road capital account to increase the contract award authority by \$314,358 for a new award authority amount of \$792,109. No additional funding is being requested for this award authority increase.

Election District: Dulles

Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure  
Mark Hoffman, Transportation and Capital Infrastructure  
Mike Angel, Finance and Procurement

**8. Contract Award/Utilities Relocation for Mooreview Parkway – Columbia Gas Transmission LLC**

On January 12, 2016, the Finance/Government Operations and Economic Development Committee tabled an item regarding the amendment of the FY 2016 Capital Improvement Program and use of Local Gasoline Tax Funding for Mooreview Parkway. The Mooreview Parkway project is a critical missing highway link needed to provide connectivity to the planned Ashburn Metrorail Station. A gas transmission line owned by Columbia Gas Transmission, LLC needs to be relocated in order for this missing link project to begin construction. This item presents additional information and proposes Contract Award for utility relocation by Columbia Gas Transmission, LLC for the Mooreview Parkway project. Staff recommends that Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors that the Purchasing Agent be authorized to award a contract for the relocation of utilities for the construction of the Mooreview Parkway project with Columbia Gas Transmission, LLC in the estimated amount of \$1,430,021. Staff further recommends that the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors amend the FY 2016 CIP and budget to transfer \$1,800,000 from the Transportation District Fund to the Capital Fund for the Mooreview Parkway (\$1,800,000) capital project.

Election District: Dulles

Staff Contacts: Melissa Tello, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Cheryl Middleton, Finance and Procurement  
Belkys Escobar, Assistant County Attorney

**9. Monthly Report/Implementation of the Enterprise Resource Planning (ERP) Project (Information)**

The Loudoun County Government and Loudoun County Public Schools began implementation of a new ERP System in January 2012. On December 4, 2013, the Board of Supervisors appropriated additional funds to complete implementation of all three phases of the System. In addition, the Board of Supervisors requested that staff provide monthly status reports based on cost, schedule, and technical milestones with associated variances. During the March meeting, information from the Oracle Consulting Project Assessment will be provided.

Election District: Countywide

Staff Contacts: John Sandy, County Administration  
Robert Middaugh, County Administration  
Wendy Wickens, Information Technology  
Penny Newquist, Finance and Procurement  
Vince Marchesano, Vivad Technologies, LLC

**10. Quarterly Report/Budget FY 2016 Q2 (Information)**

At the request of the Finance/Government Operations and Economic Development Committee, staff provides a report on a fiscal quarterly basis which provides a projected year-end outlook for revenues and expenditures and brief description of indicators impacting the year-end projections. In addition to expenditure and revenue projections, this report includes a review of cash proffer activity and a quarterly debt report. This item remains informational as no corrective action is recommended at this time.

Election District: Countywide

Staff Contacts: Erin McLellan, Management and Budget  
Megan Bourke, Management and Budget  
Doug Kinney, Management and Budget

**11. FY 2017 – FY 2022 Proposed Capital Improvement Program (Action)**

Election District: Countywide

Staff Contacts: Daniel Csizmar, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Julie Crim, Transportation and Capital Infrastructure  
Peter Malgieri, Transportation and Capital Infrastructure

**12. Closed Session**

I move that the Finance/Government Operations and Economic Development Committee go into Closed Session pursuant to Virginia Code Section 2.2-3711(A)(7) for actual or probable litigation and for consultation with legal counsel and briefings by staff on the contract with AST Corporation for the implementation of ERP.

Resolution Motion

I move that the Finance/Government Operations and Economic Development Committee approve the Resolution in the packet certifying that only such matters identified in the motion convening the Closed Session were discussed and no formal action by the Board was taken in the Closed Session.

Election District: Countywide

Staff Contact: Leo Rogers, County Attorney

**Next Meeting: April 12, 2016\***

\*Next meeting date unless another meeting is required prior to this date due to Proposed CIP deliberations.

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Date of Meeting: March 8, 2016

**# 1**

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
INFORMATION ITEM**

**SUBJECT:** **Monthly Department of Economic Development Report**

**ELECTION DISTRICT:** Countywide

**STAFF CONTACT:** Buddy Rizer, Executive Director, Economic Development

**PURPOSE:** The purpose of this item is for the Department of Economic Development (DED) to report on leading economic indicators, key performance indicators, and DED initiatives.

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**BACKGROUND:** Each month, DED submits a report which shows leading economic indicators and key performance indicators. At the Finance/Government Operations and Economic Development Committee meeting, staff will also provide a verbal briefing to supplement this written information.

**ISSUES:** There are no issues associated with this Information Item.

**FISCAL IMPACT:** There is no fiscal impact associated with this Information Item.

**ATTACHMENT:**

1. January FY 2016 Monthly Statistical Report

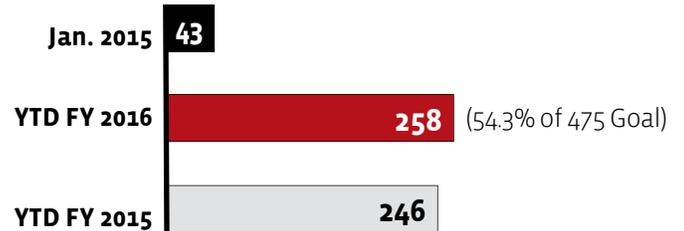


### Investment

FY16 Wins	38
Estimated Investment by Wins	\$1.97 B
Jobs Created/Retained by Wins	1,820



### Visits to Existing Businesses

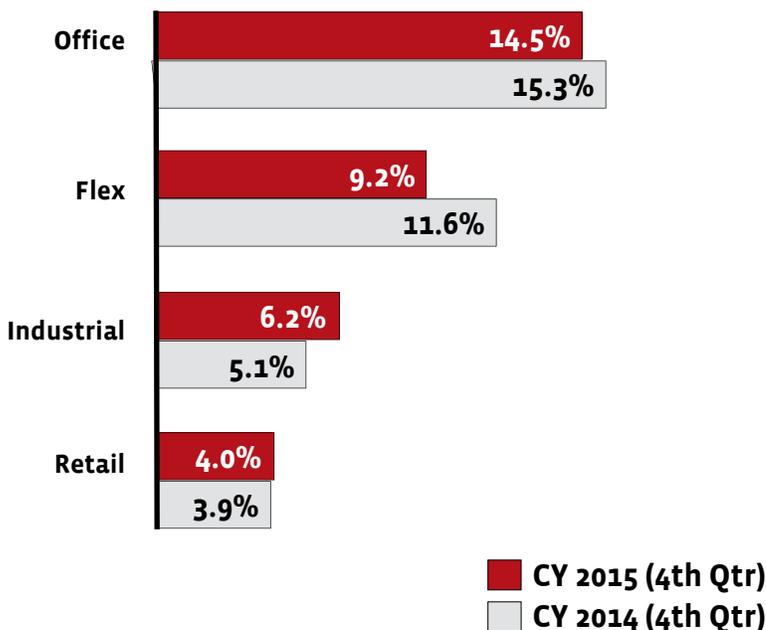


### Internet Activity

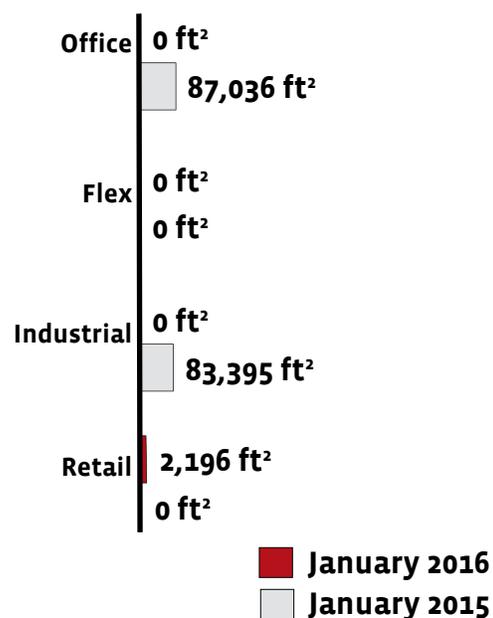
Website Visits FY16 (DED)	22,795	DED Facebook Subscribers	7,113
FY16 Goal	37,000	Loudoun Farms Facebook Subscribers	10,096
FY16 Goal Attainment	61.6%	DED Twitter Followers	4,661
Website Visits FY16 (Loudoun Farms)	34,482	Loudoun Farms Twitter Followers	2,945
FY16 Goal	50,000	Loudoun Small Biz Twitter Followers	2,630
FY16 Goal Attainment	69.0%	DED LinkedIn Subscribers	720



### Commercial Vacancy Rates



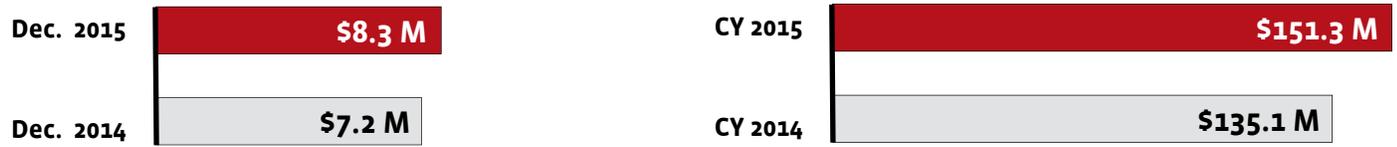
### Commercial Building Permits



Source: Costar; Loudoun County Dept. Bldg. and Dev.



## Hotel Revenue



Source: Visit Loudoun



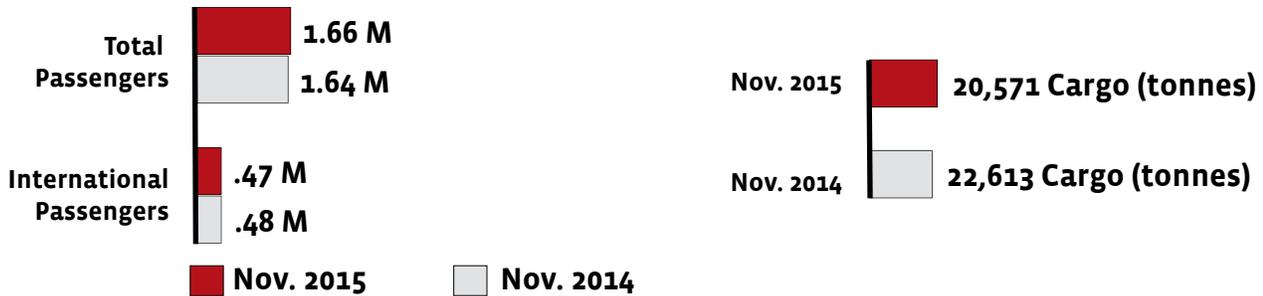
## Retail Sales



Source: Virginia Dept. Taxation



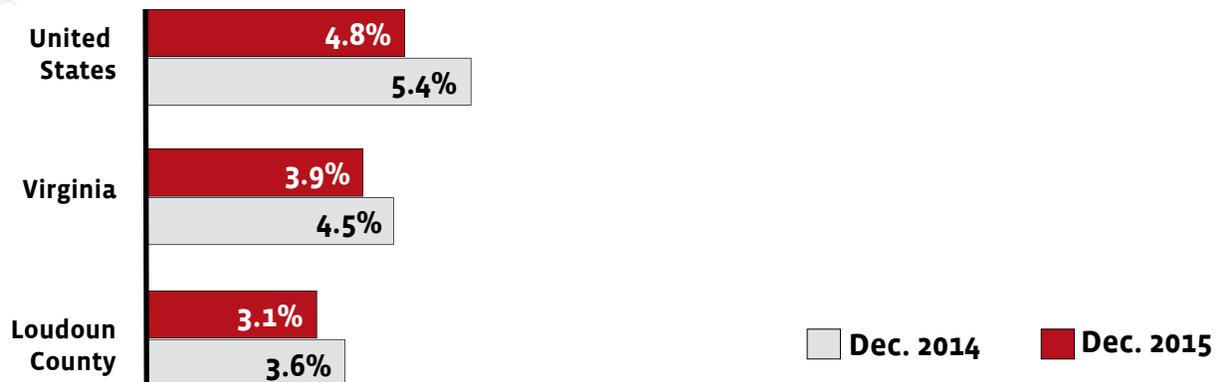
## Dulles International Airport



Source: Metropolitan Washington Airports Authority



## Unemployment Rates



Source: Virginia Employment Commission

Date of Meeting: March 8, 2016

# 2

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** **CONTRACT RENEWAL/Engineering Services for the Loudoun County Stormwater Management Program**

**ELECTION DISTRICT:** Countywide

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Ernest Brown, General Services  
Steve Plante, General Services  
Christopher Bresley, Finance and Procurement

**PURPOSE:** To renew the Engineering Services for the Loudoun County Stormwater Management Program contracts.

**RECOMMENDATIONS:** Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to renew the Engineering Services for the Loudoun County Stormwater Management Program contracts to: URS Corporation, GKY & Associates, Inc., and the Timmons Group, Inc. in the total estimated amount of \$1,000,000.

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**BACKGROUND:** Request for Proposal No. 112 was issued on November 19, 2014 for Engineering Services for the Loudoun County Stormwater Management Program. Twelve (12) proposals were received and as a result of the proposal evaluation process, three (3) contracts were awarded to the following firms: URS Corporation, GKY & Associates, Inc., and the Timmons Group, Inc. Each contract consists of a one-year base term with two (2) one-year renewal option terms. Staff is recommending award of the first renewal option based upon past performance of all three (3) firms. Renewal contract awards are only provided to those contractors with satisfactory performance.

The County uses these contracts to provide professional engineering services to support the Loudoun County Stormwater Management Program. As defined in Code of Federal Regulations (40CFR122.26) [Revised as of July 1, 2001], the Federal Clean Water Act requires cities and urbanized counties having populations above 50,000 to develop stormwater management programs and obtain discharge permits for stormwater outfalls. The eastern portion of Loudoun County (i.e., an area of approximately 81 square miles) currently falls under these requirements since this area was designated urban in nature in the 2010 census. As future censuses expand the urban portion of

the County it is likely that additional parts of the County could be subject to these regulations. In Virginia, the program is managed by the Department of Environmental Quality which issues stormwater discharge permits and in this particular case, a Municipal Separate Storm Water Sewer System (MS4) permit.

The Virginia Stormwater Management Act requires the County to establish and execute a management plan and to adopt necessary ordinances that will result in a comprehensive program enhancing control and treatment of stormwater runoff to prevent flooding and reduce pollutant discharges to state waters. To meet these requirements, the County developed the required Stormwater Management Program. The overall program includes Best Management Practices (BMPs) supporting the six (6) minimum control measures listed in the County's stormwater discharge permit.

The BMPs cover the following six (6) requisite areas:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post Construction Runoff Control
- Pollution Prevention/Good Housekeeping

**ISSUES:** Staff relies on engineering firms to perform many of the tasks required under the County's (MS4) discharge permit. If these contracts are not awarded, projects would have to be procured with informal quotes or formal competitive negotiations. This would cause a severe impact on staff resources and possibly add a three-month lead time to many projects covered by this contract. This would negatively impact the County's ability to meet permit deadlines.

This contract renewal requires action by the FGOEDC and Board as it exceeds the staff authority of \$500,000 in accordance with the Procurement Resolution.

**FISCAL IMPACT:** The County estimates spending \$1,000,000 on Engineering Services for the Loudoun County Stormwater Management Program during the contract period (April 15, 2016 – April 14, 2017). Sufficient funding is appropriated in the Storm Water Management capital project to award this contract. This project was approved and included in the adopted FY 2016 Capital Improvement Program. The source of funding for the project is local tax funding.

**ALTERNATIVES:**

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to award the first renewal option for the Engineering Services for the Loudoun County Stormwater Management Program contracts to: URS Corporation, GKY & Associates, Inc., and the Timmons Group, Inc. in the total estimated amount of \$1,000,000.

OR

2. Do not recommend renewal of the contracts and direct staff on how to proceed.

**DRAFT MOTIONS:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award the first renewal option for the Engineering Services for the Loudoun County Stormwater Management Program contracts to: URS Corporation, GKY & Associates, Inc., and the Timmons Group, Inc. in the total estimated amount of \$1,000,000.

OR

2. I move an alternate motion.

**ATTACHMENT:**

*Capital Improvement Program: Storm Water Management. FY 2016 Adopted Budget; page 10-18.*

## Storm Water Management

### Project Description – C00003

As part of its standard maintenance regimen, the County continually maps and surveys its storm water infrastructure as facilities are added to the County's inventory through new development. The County has developed and implemented an overall storm water management program to meet the Environmental Protection Agency's Phase II storm water discharge permit requirements that mandate the repair, maintenance, and restoration of County owned storm water infrastructure.

A long range storm water management strategic plan was completed in 2007. The strategic plan did not identify any significant new capital projects, but projected that the older sections of the existing system could be restored to its original design capability over a ten year period. The financial impact of the restoration project was forecast within current levels of funding planned over the six- year planning period.

These capital funds support the restoration and management of storm water infrastructure the County identified in the storm water management strategic plan. This project provides funding to meet storm water management programmatic needs, partially restore the older sections of the system, and repair and maintain the entire system Countywide.



### Funding Plan

This project is funded using local tax funding.

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	FY's	Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Facilities Construction	19,850	3,000	3,000	3,000	3,000	3,000	3,000	18,000	3,000	40,850
Other	-	-	-	-	-	-	-	-	-	-
<b>Total Cost</b>	<b>19,850</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>18,000</b>	<b>3,000</b>	<b>40,850</b>
Local Tax Funding	19,350	3,000	3,000	3,000	3,000	3,000	3,000	18,000	3,000	40,350
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Proceeds from the Sale of Land	-	-	-	-	-	-	-	-	-	-
Fund Balance	500	-	-	-	-	-	-	-	-	500
<b>Total Financing</b>	<b>19,850</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>18,000</b>	<b>3,000</b>	<b>40,850</b>

	Operating Impact (\$ in 1000s)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
O&M		310	323	336	349	362	375	2,055
<b>Total Impact</b>		<b>310</b>	<b>323</b>	<b>336</b>	<b>349</b>	<b>362</b>	<b>375</b>	<b>2,055</b>

Date of Meeting: March 8, 2016

# 3

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** CONTRACT RENEWAL/Library Material Suppliers

**ELECTION DISTRICT:** Countywide

**CRITICAL ACTION DATE:** March 8, 2015

**STAFF CONTACTS:** Chang Liu, Library Services  
Mary Lou Demeo, Library Services  
Diane C. Smith, Finance and Procurement

**PURPOSE:** To renew the contract for Library Material Suppliers.

**RECOMMENDATION:** Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to renew the contract for Library Material Suppliers with a pool of providers listed in Attachment 1, in the estimated amount of \$1,100,000.

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**BACKGROUND:** On March 22, 2011, staff issued a Request for Proposal (RFP) No. QQ-01644 to find a pool of qualified Library Material Suppliers. The intent of this RFP was to obtain firm fixed price proposals from firms specializing in providing library materials (e.g., books, DVDs, audio books, and compact disks etc.) for public libraries. This RFP has an ongoing acceptance date which allows for the continuous submission of proposals by new firms interested in providing library material supplies. To date the County has received 22 proposals. On March 18, 2015, the Board authorized (8-0-1, Williams absent) the Purchasing Agent to exercise the fourth renewal option under the contract in the estimated amount of \$1,100,000 for the period of July 1, 2015 to June 30, 2016. Staff is recommending that the Board permit staff to exercise the fifth and final renewal option under this contract for the period of July 1, 2016 through June 30, 2017.

The procurement of library materials through a pool of vendors has been successful over the last 20 years in providing the largest possible range of library materials and services. Awarding contracts to a contractor pool allows for the greatest selection, availability, efficiency and cost savings. Orders are placed with a vendor offering the best discount and availability for the material needed.

**ISSUES:** The Loudoun County Public Library (LCPL) system includes eight branches and an outreach service serving the elderly and home-bound. Children's materials are in great demand

and patrons are requesting new materials in a variety of formats and subject areas. Approximately 80 percent of the funding would be utilized for the purchase of books. Actual FY 2015 circulation per capita was 16 and FY 2015 actual circulation per LCPL cardholder was 25, compared to the national average for those categories for the same fiscal year of eight. This illustrates a high demand for and consistent use of the LCPL library collection and is a key indicator of the need for high quality, diverse materials.

**FISCAL IMPACT:** Sufficient funding is available in the Library Services' FY 2017 proposed operating budget to renew the contract in the estimated amount of \$1,100,000. No additional funding is being requested for this contract renewal.

Please note that all contracts include language stating that they are subject to termination without future appropriations made by the Board. In the event that the Board decides not to appropriate funds for this ongoing program in FY 2017, the County would exercise this option without issue.

**ALTERNATIVES:**

1. The FGOEDC may recommend to the Board that the Purchasing Agent be authorized to renew the contract for Library Material Suppliers with the pool of providers listed in Attachment 1, in the estimated amount of \$1,100,000.
2. The FGOEDC may choose to not recommend the contract renewal and direct staff to solicit quotes for each order that exceeds the single quote limit. Staff does not recommend this option as it may result in higher costs and would require a significant amount of staff time; and thus delay the receipt of needed library materials.

**DRAFT MOTIONS:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to renew the contract for Library Material Suppliers for the period of July 1, 2016 to June 30, 2017, with the pool of providers listed in Attachment 1 of the March 8, 2016 Action Item, in the estimated amount of \$1,100,000.

OR

2. I move an alternate motion.

**ATTACHMENT:**

1. List of Contracted Providers under QQ-01644 Library Material Suppliers

**LIST OF CONTRACTED PROVIDERS  
UNDER QQ-01644 LIBRARY MATERIAL SUPPLIERS**

The AV Café, Inc.

Baker & Taylor Books, Inc.

Bearport Publishing Company, Inc.

Books on Tape a Division of Random House

Center Point, Inc. dba Center Point Large Print

Chivers North America, Inc. dba AudioGO

Coughlan Companies, Inc. dba Capstone Publishers

Findaway World, LLC

Gale Group, Inc.

Hertzbert-New Method, Inc. dba Perma-Bound Books

Ingram Library Services, Inc.

Lectorum Publications, Inc.

Midwest Tape, LLC

Nubro, Inc. (Brodart Co.)

Penworthy Company

Quick-Brain, Inc.

Recorded Books, LLC

Scholastic, Inc.

Date of Meeting: March 8, 2016

# 4

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** CONTRACT RENEWAL/Offsite Data Hosting Services

**ELECTION DISTRICT:** Countywide

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Wendy Wickens, Information Technology  
Kevin Eppard, Information Technology  
Cheryl Middleton, Finance and Procurement

**PURPOSE:** To renew the contract for offsite data hosting services for the County's financial systems.

**RECOMMENDATION:** Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to renew the contract for offsite data hosting services for Phases 1, 2 and 3 of the Oracle System, to OneNeck IT Solutions, LLC (OneNeck) in the estimated amount of \$1,250,000.

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**BACKGROUND:** On March 18, 2015, the Board authorized a one year contract award for offsite data hosting services with OneNeck in the estimated amount of \$936,086. The contract was awarded for the period of April 1, 2015 through March 31, 2016 with up to two additional one year renewal options. Staff is recommending that the Board authorize the first renewal option..

In January 2012, both the County and the Schools began the replacement of financial and procurement (Phases 1 and 3) and personnel/payroll (Phase 2) applications with an Oracle based solution. As a result of the negotiations with the chosen system integrator, AST Corporation (AST), the County chose to host and manage the physical hardware and software environments with an offsite vendor. The hosting services utilized to support the County's Oracle Enterprise Resource Plan (ERP) systems include the purchasing of all server and network hardware, operating system software as well as management and maintenance of the servers, networks, security and databases in a highly available, disaster recoverable environment. OneNeck was selected as the subcontractor to provide these services under the agreement with AST. The hosting services through AST ended in March 2015, which is when the County entered into a contract directly with OneNeck to continue to provide hosting services.

**ISSUES:** Staff is recommending that the Board authorize staff to exercise the first renewal option for the period of April 1, 2016 through March 31, 2017 under this contract with OneNeck so that staff does not have to divert resources from a successful implementation of Oracle Phase 2. Due to the complexities of completing the Phase 2 implementation and the level of effort required to research, award and migrate to a new hosting provider, staff is recommending that OneNeck continue to host the County's ERP system for, at minimum, the next year. Upon completion of the Phase 2 implementation, the County will begin reviewing all Oracle ERP hosting options. Typically, a review of hosting services should be performed every five years to ensure that the hosting environment utilized incorporates the most current hardware, software, security and environment at the most competitive rate.

The variance in cost from last year is a result of the increasing storage usage, in the normal course of business, for a metered (pay as you use) hosted solution as well as costs to provide the support to build out additional system high availability (system failure prevention) and provide system upgrade assistance. During the current contract period, staff increased the contract by approximately \$32,000, under staff award authority, in order to allow for additional metered back up services beyond what was allotted in the base amount of the contract.

**FISCAL IMPACT:** Sufficient funding is appropriated in the Department of Information Technology's FY 2016 operating budget for for the balance of services due an payable during FY 2016. The FY 2017 Proposed Budget includes \$1,250,000 for 12 months of hosting services. There is adequate funding to fund the entire proposed contract amount. No additional funding is being requested for this contract renewal.

**ALTERNATIVES:**

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to renew the contract for offsite hosting services to OneNeck IT Solutions, LLC in the estimated amount of \$1,250,000.
2. Do not recommend the contract renewal and direct staff to issue a solicitation to select a new hosting provider. This option is not recommended at this time as the process to transition from OneNeck to another hosting provider is very complex and not recommended until after Phase 2 is complete and stabilized. This option would also require a temporary extension to the current contract, which expires March 31, 2016.

**DRAFT MOTIONS:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to renew the contract for offsite hosting services to OneNeck IT Solutions, LLC in the estimated amount of \$1,250,000.

OR

2. I move an alternate motion.

Date of Meeting: March 8, 2016

**#5**

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** **CONTRACT AWARD AUTHORITY  
INCREASE/NOVEC Managed Network Transport  
Services**

**ELECTION DISTRICT:** Countywide

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Wendy Wickens, Information Technology  
Ken Olson, Information Technology  
Sandra Lineberry, Finance and Procurement

**PURPOSE:** To obtain a contract award authority increase for NOVEC Managed Network Transport Services.

**RECOMMENDATION:** Staff recommends the Finance/Government Operations and Economic Development Committee recommend to the full Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the contract for NOVEC Managed Network Transport Services with NOVEC Solutions, Inc. (NOVEC) in the amount of \$122,360 for a new contract award amount of \$565,310.

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**BACKGROUND:** In December 2012, the County government had two (2) managed fiber Internet connections (circuits) provided through Verizon with one installed at the Government Center and the second at the Department Information Technology (DIT) Center that connect the County to the Internet through Verizon's Internet backbone. The purpose of having two separate paths to the Internet is to ensure Internet connectivity in the event that the path through Leesburg, or the path through Ashburn becomes non-operational. However, the County continued to have risk because both managed fiber services were provided by the same carrier, Verizon, and both managed fiber services connected to the Verizon Internet backbone. In the event of a local Verizon fiber disruption, the two current Internet fiber connections would no longer provide the County a fiber path to the Internet. Also, in the event of a more global catastrophic event impacting Verizon backbone Internet services, the County would lose Internet connectivity regardless of the operational status of the Verizon managed fiber service.

Due to this potential risk, the County evaluated other service providers which included Comcast and NOVEC solutions and concluded that the NOVEC solutions was be the best solution for the County for the following reasons:

- NOVEC was the only service provider that offer connectivity to the Internet from multiple vendors through its Equinix partner. Comcast was not carrier neutral.
- NOVEC was the only service provider that currently installed available fiber in the Government Center that provided a managed fiber services connection to the Equinix Data Center in eastern Loudoun County.

Therefore, the County awarded a sole source contract to NOVEC in the amount \$116,700 to replace the Government Center Verizon Internet circuit with a 200 megabits per second (Mbps) connection using a managed fiber service provider other than Verizon through a carrier neutral Internet service provider. This helped to ensure continued Internet service in the event of a local Verizon fiber network outage or a more global Verizon backbone Internet service problem. In addition, it was desired that the new fiber service terminate in one of Loudoun's County's third party data centers. The potential future placement of County servers in an alternate data center that is connected by fiber to the County network will greatly facilitate the provision of disaster recovery and continuity of operations services in the event of a disastrous event at the County data center.

Since 2012, the County has increased the capacity of the NOVEC Internet circuit from 200Mbps to 400Mbps for an additional \$13,050. By having a separate provider for the County's Internet circuit, the County can cut over between circuits when there is an issue impacting one particular circuit, thus improving up-time availability. By increasing the bandwidth from 200Mbps to 400Mbps, the County has increased the ability to support more customers and applications via the Internet. In June, 2013, an addendum was authorized for \$313,200 to provide redundant 10 gigabits per second (Gbps) point to point connectivity from the Government Center to the DIT Center. These circuit enhancements have resulted in improved redundancy, capacity and availability of services delivered. To date, the current contract value is \$442,950 which was awarded under staff authority.

The following 17 County facility sites operate with only one managed connection: Aldie Fire Station, Brambleton Fire Station, Sterling Fire Station, Kincoira Public Safety Center, Dulles South Public Safety Center, Eastern Loudoun Sheriff's Office, Dulles Town Center Sheriff's Office, Gum Springs Library, Cascades Library, Cascades Sr. Center, Sterling Library/Community Center, Dulles South Multi-purpose Facility, Claude Moore Park Potomac Lakes Sportsplex, Mirror Ridge Group Home, Sterling Tower and Ridgetop Circle. These sites connect to the County network and to the Internet via the Sterling Tower site which connects to Verizon. Presently, these County sites are at risk because they are solely dependent on a single Verizon connection at a single site, the Sterling Tower. Leveraging the existing Loudoun County NOVEC connection with an additional NOVEC connection for these sites will help to ensure the continuity of County operations. NOVEC is the only services provider who can provide connectivity for Ridgetop Circle facilities via dark fiber from Ridgetop Circle to the County network at RagingWire. Additionally, NOVEC is the only service provider that currently has fiber already installed on the County network at the Government Center, DIT and RagingWire locations.

The intent of this item is to request a contract award authority increase in the amount of \$122,360 for this additional service connection, including construction costs, for the above 17 sites.

**ISSUES:** Seventeen (17) of the County's remote sites including seven (7) Public Safety sites are subject to a single point of failure, due to their dependency on a single connection to the Sterling Tower with a single connection to Verizon. Adding this NOVEC connection will provide an alternate path for these sites to access both the County network and the Internet thus improving redundancy, capacity and availability of data services.

**FISCAL IMPACT:** Sufficient funding for these services, including construction cost, through June 30, 2016 is available in the County adopted FY 2016 Department of Information Technology's operating budget. Future monthly recurring costs will be subject to Board appropriations.

**ALTERNATIVES:**

1. Recommend to the full Board of Supervisors that the Purchasing Agent be authorized to increase the contract for NOVEC Managed Network Transport Services with NOVEC Solutions, Inc. in the amount of \$122,360 for new contract amount of \$565,310.

OR

2. Do not recommend the contract increase; however, this alternative is not recommended for the reasons stated above.

**DRAFT MOTIONS:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the full Board of Supervisors that the Purchasing Agent be authorized to increase the contract for NOVEC Managed Network Transport Services with NOVEC Solutions, Inc. for a new contract amount of \$565,310.

OR

2. I move an alternate motion.

Date of Meeting: March 8, 2016

# 6

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** **AWARD AUTHORITY INCREASE/Snow and Ice Control Services**

**ELECTION DISTRICT:** Countywide

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Ernest Brown, General Services  
Don McGarry, General Services  
Philip Butterfass, Finance and Procurement

**PURPOSE:** To increase the contract award authority of the Snow and Ice Control Services contracts.

**RECOMMENDATION:** Staff recommends the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the full Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the award authority of the contracts for Snow and Ice Control Services in the amount of \$500,000, for a new total of \$1,000,000.

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**BACKGROUND:** Invitation for Bid No. RFQ-10 was issued on August 5, 2014 for Snow and Ice Control Services. This original contract included snow removal and application of deicing agents using various types and sizes of equipment at the following locations: seven (7) Park and Ride Lots, twenty four (24) County Government Facilities and one (1) Subdivision. (The subdivision was included as a result of a developer default. The County seeks reimbursement in these instances from the developer bond.) Three (3) bids were received as part of the IFB. On September 20, 2014, staff awarded contracts to Blake Landscapes Inc., Property Services Landscape Inc. and Village Landscapes and Irrigation Inc. in the estimated amount of \$500,000.

The original contract was awarded for the period of October 1, 2014 to September 30, 2015 with up to three (3) additional renewal options. After award, staff from the Department of General Services, the Department of Transportation and Capital Infrastructure and the Department of Building and Development met with the firms, and developed a plan to assign specific locations to each of the firms. Staff exercised the first of three renewal options last fall for the period of October 1, 2015 through September 30, 2016 in the amount of \$500,000.

**ISSUES:** As a result of the significant amount of snow brought by snowstorm Jonas in January 2016, staff already exceeded the amount originally authorized under staff authority of \$500,000 for the current contract period. As of February 24, 2016, \$718,000 has already been spent under this contract on snow and ice control services due to the winter events including winter storm Jonas that have occurred thus far this season. That number is expected to increase as not all invoices for services performed during snowstorm Jonas have been received. Increased contract authority is essential to ensure appropriate coverage for the anticipated snow and ice events for the remaining of the current contract period, which ends on September 30, 2016. At of this date, staff estimates that \$500,000 of additional contract authority will be sufficient to offset any outstanding accounts payable plus any future services required during the remainder of this contract period. Last year, \$825,000 was spent on snow and ice control services.

In accordance with the Procurement Resolution, a contract awarded under staff authority cannot exceed \$500,000 without approval of the FGOEDC and the Board. Although staff only has \$500,000 of award authority, staff had to permit significant extra services to be performed above the award authority limit because of the County's declared state of emergency during snowstorm Jonas.

**FISCAL IMPACT:** Sufficient funding is available in the County's Adopted FY 2016 operating budget for the Department of General Services to cover the \$500,000 increase in the award authority for a new total of \$1,000,000. No additional funding is being requested with this item.

**ALTERNATIVES:**

1. Recommend to the full Board of Supervisors that the Purchasing Agent be authorized to increase the award authority of the current contracts for Snow and Ice Control Services in the amount of \$500,000 for a new total of \$1,000,000.

OR

2. Do not recommend the contract award authority increase and direct staff how to proceed. However, this alternative is not recommended by staff since it could jeopardize the safety of personnel and citizens.

**DRAFT MOTIONS:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the full Board of Supervisors that the Purchasing Agent be authorized to increase the award authority of the current contracts for Snow and Ice Control Services in the amount of \$500,000, for a new total of \$1,000,000.

OR

2. I move an alternate motion.

Date of Meeting: March 8, 2016

# 7

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** **AWARD AUTHORITY INCREASE/Roadway and  
Civil Design Services for Tall Cedars Parkway –  
Pinebrook Road to Gum Spring Road**

**ELECTION DISTRICT:** Dulles

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Joe Kroboth, Transportation and Capital Infrastructure  
Mark Hoffman, Transportation and Capital Infrastructure  
Mike Angel, Finance and Procurement

**PURPOSE:** To increase the award authority of the Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract by \$314,358.

**RECOMMENDATION:** Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.

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**BACKGROUND:** On April 30, 2012, staff awarded a contract for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road to J2 Engineers, Inc. in the amount of \$431,971. The scope of work includes survey services, environmental assessments, geotechnical investigation, roadway design, plat preparation, public meeting assistance, basic construction administration, and related services for the missing segment of Tall Cedars Parkway between Pinebrook Road and Gum Spring Road and signal design at the intersection of Tall Cedars Parkway and Gum Spring Road.

**ISSUES:** On February 11, 2014, a \$45,780 change order was issued to slightly modify the roadway alignment to address concerns of property owners dedicating right-of-way to the project and to obtain additional soil samples within the updated road alignment. The change order increased the April 30, 2012 original contract amount to \$477,751.

In preparation to advertise the project for construction and to provide additional construction administration services during construction, change orders are required so the design consultant

can provide services not envisioned when the original scope of work was developed in 2012. . In particular, the Department of Transportation and Capital Infrastructure (DTCI) has refined design consultant's roles and responsibilities during construction to better assist the general contractor constructing the improvements and to heighten project quality assurance so VDOT street acceptance proceeds smoothly. The design consultant is expected to review the contractor progress and verify pay requests monthly, to attend construction progress meetings, perform periodic site visits, to review contractor shop drawings and submittals. These services were not included in J2's original purchase order because it preceded DTCI's existence and the creation of more robust construction oversight procedures.

Specifically, the following change orders totaling \$314,358 are required:

- Perform additional soil exploration to verify subsurface conditions along the road alignment, prepare permit packages, and to update the project's pavement marking plan: \$45,702.
- Additional right of way and easement dedication plats, final construction document plan preparation, update and re-approval of the signal plans at Tall Cedars Parkway and Gum Spring Road, and additional environmental surveys: \$56,616.
- Additional bid documents and VDOT specification preparation, additional construction administration to include attendance at semi-monthly construction meetings and additional site visits, VDOT acceptance package preparation, and as-built record drawing developments: \$212,040.

In accordance with the Procurement Resolution, a contract awarded under staff authority cannot exceed \$500,000 without approval of the FGOEDC and the Board.

At this time the project is still anticipated to be completed in the Winter of 2018.

**FISCAL IMPACT:** Sufficient funding is available in the Tall Cedars Parkway – Pinebrook Road to Gum Spring Road capital project account to increase the contract award authority by \$314,358 for a new award authority amount of \$792,109. The total budget for the project is approximately \$11.7 million funded by cash proffers. The current unspent and unencumbered balance in the project totals \$8,368,624. The current cost estimate for construction is \$8.0 million with less than \$50,000 in right-of-way acquisition cost pending. No additional funding is being requested for this award authority increase.

**ALTERNATIVES:**

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.
2. Do not recommend the award authority and direct staff on how to proceed.

**DRAFT MOTIONS:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for Roadway and Civil Design Services for Tall Cedars Parkway – Pinebrook Road to Gum Spring Road contract with J2 Engineers, Inc. by \$314,358 for a new award authority amount of \$792,109.

OR

2. I move and alternate motion.

Date of Meeting: March 8, 2016

**#8**

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND ECONOMIC DEVELOPMENT  
COMMITTEE  
ACTION ITEM**

**SUBJECT:** **Contract Award/ Utilities Relocation for Mooreview Parkway – Columbia Gas Transmission, LLC**

**ELECTION DISTRICT:** Dulles

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Melissa Tello, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Cheryl Middleton, Finance and Procurement  
Belkys Escobar, Assistant County Attorney

**PURPOSE:** To award a utilities relocation contract to Columbia Gas Transmission, LLC (CGT) for the Mooreview Parkway project and to amend the FY 2016 Capital Improvement Programs (CIP) and budget to transfer \$1,800,000 from the Transportation District Fund in local gasoline tax funding to the Capital Fund to fund the Mooreview Parkway (\$1,800,000) capital project.

**RECOMMENDATIONS:**

**Staff:** Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend that the Board of Supervisors (Board) authorize the Purchasing Agent to award a contract for the relocation of utilities for the construction of the Mooreview Parkway project to CGT in the estimated amount of \$1,430,021. Staff further recommends that the FGOEDC recommend that the Board amend the FY 2016 CIP and budget to transfer \$1,800,000 from the Transportation District Fund to the Capital Fund for the Mooreview Parkway capital project for this purpose and sufficient contingency.

**BACKGROUND:** The Mooreview Parkway project will construct a new roadway between Croson Lane and Old Ryan Road. On April 3, 2013, the Board adopted the FY 2014 Capital Improvement Program Fiscal Plan which approved the use of \$6.3M of fund balance to fund the construction of road improvements that are proffered by Moorefield Station, namely Mooreview Parkway from Croson Lane to Old Ryan Road; Old Ryan Road from Mooreview Parkway to Southland Street; and Southland Street between Old Ryan Road and Mooreview Parkway. On October 16, 2013, the Board approved the Mooreview Parkway Reimbursement Agreement, dated September 30, 2013, which established an agreement that, in the event the County constructs these road improvements, the Claude Moore Charitable Foundation (CMCF) will reimburse the County

for the actual cost of construction, based on a specified formula, at the issuance of zoning permits for non-residential construction. On July 16, 2014, the Board approved the First Amendment to the Mooreview Parkway Reimbursement Agreement, dated June 30, 2014, to revise the terms of the reimbursement to add an annual contribution in addition to the per square foot reimbursement. The Mooreview Parkway Agreement was incorporated by reference in the July 14, 2014 proffer statement associated with the Moorefield Station proffer amendment, ZCPA-2014-0002, which was approved by the Board on July 16, 2014.

The design of the Mooreview Parkway project was approved in 2010 and 2014 based on the project construction plans. Two CGT lines (26" diameter each) pass through the area of the Mooreview Parkway project. CGT maintains 50' wide easements (25' on either side) at each gas line. CGT was originally engaged by the Department of Transportation and Capital Infrastructure (DTCI) for coordination for the construction phase and for a preliminary engineering assessment of the condition of the gas lines. Through the course of that coordination process, it was then confirmed that due to the design elevation of the roadway, the maximum coverage permitted by CGT would be exceeded therefore requiring a vertical relocation of the lines.

In February 2015, DTCI contracted with CGT to deliver a preliminary engineering report following several months of discussion. DTCI received the preliminary engineering report deliverable in October 2015 and CGT has since identified a relocation cost of \$1,430,021. This cost includes vertical relocation of the two 26" diameter transmission lines. The requested contract award is a sole source contract because CGT, as the owner of the utility, is the only firm that may relocate its assets.

On January 12, 2016, staff presented an item FGOEDC regarding the amendment of the FY 2016 CIP and use of Local Gasoline Tax Funding for Mooreview Parkway. Action was not taken at that time in order for additional negotiations with CGT to continue. That item is included as Attachment 1. The \$1,800,000 in local gasoline tax funding requested in this item is required to cover the CGT relocation costs and to add a sufficient contingency.

**ISSUES:** Staff intended to begin construction of the Mooreview Parkway project in Fall 2015 and issued an Invitation for Bid (IFB) in June 2015. On July 9, 2015 the County received one bid for the construction of the project. Staff, however, rejected the single bid received due to the bid price exceeding the project budget and the then unknown cost of CGT relocation work. In the months following, the preliminary engineering report was delivered by CGT including the estimated cost for the relocation work.

In recent weeks, the terms of agreement with CGT for their relocation work have been finalized. Upon execution of the agreement, CGT will complete the relocation work within six (6) months, weather permitting particularly during the period from October to February, in which CGT has alerted the relocation project may be delayed. Staff is planning to re-advertise the IFB for the construction of the Mooreview Parkway project at the earliest opportunity following the start of the CGT relocation work. The utility relocation work must be completed before the County may issue a Notice to Proceed to the County's contractor and, based on the duration of the CGT relocation work, it is likely that the road construction will not begin until Spring 2017.

**FISCAL IMPACT:** If approved by the Board, Staff will prepare a budget adjustment to transfer \$1,800,000 in local gasoline tax revenue from the Transportation District Fund to the Capital Fund for appropriation to the Mooreview Parkway gas line relocation.

While local gasoline tax revenue is trending downward due to declining gasoline prices, the use of the proposed local gasoline tax funding for Mooreview Parkway does not use any current revenue obligated to support the County's transit and commuter bus service. Therefore, there is sufficient surplus of local gasoline tax revenue within the Transportation District Fund that may be transferred and appropriated for this utility relocation purpose. In the near future, local gasoline tax revenues will be dedicated to paying for the County's share of operating costs for the Metro Silver Line once it becomes operational in the County. Current estimates place the opening of Metro Silver Line service in the County in FY 2020.

**ALTERNATIVES:**

1. The Committee may choose to recommend the transfer of some, none or all of the requested \$1,800,000 in local gasoline tax funding for the Mooreview Parkway capital project.
2. Do not recommend award of contract and direct staff on how to proceed.

**DRAFT MOTION:**

1. I move that the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors authorize the Purchasing Agent to award a contract to Columbia Gas Transmission, LLC in the estimated amount of \$1,430,021. I further move the Finance/Government Services and Operations Committee recommend that the Board of Supervisors amend the FY 2016 Capital Improvement Program and budget and direct staff to execute a budget adjustment to transfer \$1,800,000 in local gasoline tax funding in the Transportation District Fund to the Capital Fund for the Mooreview Parkway capital projects.

OR

2. I move an alternate motion.

**ATTACHMENT:**

1. January 12, 2016 Finance/Government Operations and Economic Development Committee Item #10 – FY 2016 Capital Improvement Program Amendment/Use of Local Gasoline Tax Funding for Mooreview Parkway

Date of Meeting: January 12, 2016

# 10

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS and ECONOMIC DEVELOPMENT  
COMMITTEE  
ACTION ITEM**

**SUBJECT:** **FY 2016 Capital Improvement Program Amendment/Use of Local Gasoline Tax Funding for Mooreview Parkway**

**ELECTION DISTRICT:** Dulles

**CRITICAL ACTION DATE:** January 12, 2016

**STAFF CONTACTS:** Daniel Csizmar, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Erin McLellan, Management and Budget

**PURPOSE:** To amend the FY 2016 Capital Improvement Program (CIP) and budget to appropriate and transfer \$1,800,000 of local gasoline tax funding from the Transportation District Fund to the Capital Fund to fund the Mooreview Parkway capital project.

**RECOMMENDATIONS:** Staff recommends that the Finance/Government Operations and Economic Development Committee (FGSOC) recommend that the Board of Supervisors (Board) amend the FY 2016 CIP and budget to appropriate and transfer \$1,800,000 from the Transportation District Fund to the Capital Fund for the Mooreview Parkway capital project.

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**BACKGROUND:** As part of the capital project review process, the Department of Transportation and Capital Infrastructure (DTCI) staff identified that the Mooreview Parkway project between Croson Lane and Old Ryan Road is in need of an additional \$3,300,000 to fully fund the project. Of this additional amount, \$1,500,000 is required to cover added construction related costs due to project delays, inflation, and cost increases within the current project scope. Staff is developing a funding proposal as part of the Proposed FY 2017 – FY 2022 CIP to cover the added construction costs for the project. The additional \$1,800,000 in local gasoline tax funding, requested in this item, is required to fund the relocation of two gas transmission lines that interfere with development of this road segment. The latest cost estimate from Columbia Gas to relocate the gas line is approximately \$1,440,000. Adding a sufficient contingency to the gas line relocation cost would require a total request of \$1,800,000.

Due to significant demand nationwide for labor and natural gas line construction brought about by the expansion of fracking to extract natural gas from the ground, gas pipeline construction labor is in short supply, which is driving up the costs and availability of labor to construct new gas pipelines

or relocate existing gas transmission lines. The cost for the gas line relocation is unusually high due to these labor demands, and requires a significantly higher contingency to help cover the fluctuations in the cost of gas line related work.

The Mooreview Parkway project is a critical missing highway link needed to provide connectivity to the planned Ashburn Metrorail Station. The project is also subject to a Reimbursement Agreement with the Claude Moore Charitable Foundation.

Staff is requesting the transfer of local gasoline tax funding now because the gas line relocation work must occur before the County can begin construction of the road segment between Croson Lane and Old Ryan Road; otherwise, the gas line relocation work would bisect and impede the project. Funding for the gas line relocation is needed prior to award of the construction contract, more specifically, before placing the project out for bid. In order to bid this project, staff needs an accurate project schedule for the Columbia Gas work; otherwise the County risks that the gas line relocation work will delay the progress of the general contractor if the County has already awarded a construction contract and issued the notice to proceed on construction.

This CIP amendment requests to allocate local gas tax funding as an amendment to the FY 2016 CIP to provide funds now to alleviate the gas line issue and time the allocation of the additional construction related funding in the CIP to align with when staff believes the construction contract will be issued for the project. The Mooreview Parkway project contains \$6,300,000 in fund balance appropriated as part of the FY 2014 CIP budget.

Due to limits on the amount of FY 2015 fund balance available to use towards capital project needs, and an attempt to alleviate pressure on the use of local tax funding and debt financing in the CIP, staff from the Department of Management and Budget (DMB) and DTIC completed an audit of the local gasoline tax project accounts in the Transportation District Fund to determine if any balances existed to allocate towards transportation-related capital projects in need of additional funds. Staff has identified balances in project accounts that were established for general contingency using local gasoline tax revenues in prior fiscal years. In time, these contingency accounts have become somewhat redundant as the CIP has established its own capital project-related contingencies. Staff believes reprogramming these funds is appropriate at this time to other one-time expenditures such as the gas transmission line relocations. Staff notes that these contingency funds are not planned to be replenished, and these funds are one-time in nature.

Local gasoline tax revenue has declined from historic levels as gasoline prices have declined; however, the use of the proposed local gasoline tax funding for Mooreview Parkway will not affect any current revenue needed to support the County's current transit and commuter bus service. As will be highlighted in the FY 2017 Proposed Budget, local gasoline tax balances are not accumulating as they had in the past and therefore should not be considered as a source of ongoing revenue for new or expanded programs.

In the near future, all local gasoline tax revenues will be diverted to cover the County's share of operating costs for the Metrorail Silver Line once it is operational in the County. Current estimates place the opening of Metrorail Silver Line service in the County in FY 2020.

**ISSUES:** An amendment to the FY 2016 CIP is required in order to transfer additional funds from the Transportation District Fund to the Capital Fund for the Mooreview Parkway project. If the Board chooses not to appropriate the use of local gasoline tax funding for the project, then the County will not have sufficient funding available to address the gas line relocation issue for the Mooreview Parkway project.

**FISCAL IMPACT:** If approved by the Board, staff will prepare a budget adjustment to appropriate and transfer \$1,800,000 in local gasoline tax funding in the Transportation District Fund to the Capital Fund for the Mooreview Parkway gas line relocation.

**ALTERNATIVES:** The Board may choose to recommend the appropriation and transfer of some, none or all of the requested \$1,800,000 in local gasoline tax funding for the Mooreview Parkway capital project. If the Board does not fully fund this request, staff would have to find other sources of proposed funding for the project, likely in the Proposed FY 2017 – FY 2022 CIP.

**DRAFT MOTIONS:**

1. I move the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors amend the FY 2016 Capital Improvement Program and budget and direct staff to execute a budget adjustment to appropriate and transfer \$1,800,000 in local gasoline tax funding in the Transportation District Fund to the Capital Fund for the Mooreview Parkway capital projects.

OR

2. I move an alternate motion.

Date of Meeting: March 8, 2016

# 9

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
INFORMATION ITEM**

**SUBJECT:** Monthly Report/Implementation of the Enterprise Resource Planning (ERP) Project

**ELECTION DISTRICT:** Countywide

**STAFF CONTACTS:** John Sandy, County Administration  
Robert Middaugh, County Administration  
Wendy Wickens, Information Technology  
Penny Newquist, Finance and Procurement  
Vince Marchesano, Vivad Technologies, LLC

**PURPOSE:** To provide an update on the status of the County's Enterprise Resource Planning (ERP) system implementation.

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**BACKGROUND:** The Loudoun County Government and Loudoun County Public Schools (LCPS) began implementation of a new Enterprise Resource Planning (ERP) commercial off-the-shelf (COTS) system in January 2012 as part of a larger program to replace three core financial systems [i.e., ERP, Computer Aided Mass Appraisal (CAMA), and Integrated Tax Revenue (ITR)]. This action was based on an independent assessment of the County's legacy financial, human resources and taxation systems, as well as the future replacement of those systems.

In November 2008, Digicon Corporation completed the assessment and concluded that when the County acquired its current systems, more than 20 years ago, the functions and features provided, and the architecture upon which they were built (IBM), met the County's business and budgetary requirements. However, over the years, the technology exceeded its useful lifecycle, and operations and support was proving to be increasingly complex and difficult to maintain. Digicon recommended the County consider implementing a state-of-the-art ERP system to improve business and operational efficiency, which also would meet the demands for information in a more reliable and timely manner, with requisite quality and accuracy.

On November 2, 2011, the Board authorized the negotiation of a contract, not to exceed \$21,050,064, to implement ORACLE EBS (eBusiness Suite) as the ERP System for Loudoun County Government and LCPS. The contract was awarded to Applications Software Technology Corporation (AST), a Platinum Oracle partner, which included the Oracle EBS licensed software and implementation services for the ERP system.

On December 4, 2013, the Board appropriated an additional \$9,160,925 to the capital project budget (ERP Implementation Fund), which was used to complete outstanding items for Phase 1, and to provide additional resources to complete Phase 2. Not all funds have been expended to date. An additional 7.00 FTEs were added to the Department of Information Technology (DIT) and the former Department of Management and Financial Services' Finance and Budget Divisions, to provide needed system support. In December 2015, the Board appropriated an additional \$1,500,000 from the FY 2015 fund balance to complete the Phase 2 implementation, bringing the ERP capital budget to \$32,228,494. It should be noted that this amount does not include budgeted contracted project management services, which totals \$3,465,848. Expenses for consulting and other technical support through Fiscal Year 2016 not in the project budget are \$1,595,771.

**ISSUES:** This item provides a monthly update from the Department of Finance and Procurement and DIT on the implementation of the ERP system.

The Program Manager, Vince Marchesano, and County staff will be present to discuss details and answer questions.

### ***AST Contract Information***

Loudoun County entered into a firm fixed price contract with AST to implement an ERP solution. It was determined during contract negotiations that payment would be deliverable-based, and County interests protected, as they relate to AST's contract, per a performance bond in the amount of \$11,290,720, which represented the value of the AST contract at that time. Unlike construction initiatives, for which completion of work is solely managed and executed per the discretion of the contractor, software implementations such as this require a collaborative partnership between customer and vendor—that is, both parties manage and execute significant and interconnected portions of the project. Due to the inter-dependent nature of the work, liquidated damages were not included in the contract terms. However, either party may seek remedy for actual damages, if incurred.

In addition, Loudoun withholds a 20 percent retainage (\$995,401 has been withheld to date) from each deliverable payment, of which, 15 percent is released to AST upon Loudoun's final acceptance of each project phase. The remaining 5 percent will be released upon Loudoun's final acceptance of the overall system, which includes settlement of all outstanding change orders and/or claims.

### ***Phase 2 - Human Resources and Payroll***

The Phase 2 implementation began in January 2014, however, after failing all testing events and the impossibility to achieve three different planned go live dates (i.e., March 2015, June 2015 and September 2015), AST was notified in July 2015 that they were in material breach of the contract. Based on AST's request to finish the implementation, AST was allowed to perform some tasks. However, due to continued issues and missed critical path and milestone dates, Loudoun notified AST on November 6, 2015 that the project is being placed on hold until an acceptable cure plan is in place to address all outstanding issues.

AST and County executives met on November 13, 2015, and again on December 15, 2015, to discuss the path moving forward, and both parties are actively working towards a solution to successfully complete the project. The County also engaged Oracle Consulting and Sales in October 2015 to assess the overall “health” of the project, from which it was determined that the solution built to date has overly complex and unnecessary configurations. The County further retained Oracle Consulting to conduct a comprehensive assessment of the Phase 2 solution using the standard Oracle Unified Method (OUM - Oracle’s methodology for deploying Oracle-based business solutions) to determine if AST’s designs were optimal for Loudoun’s requirements (leveraging out-of-the-box functionality where possible), as well as to define what it will take to implement a fully functional system that meets Loudoun’s requirements.

This five week effort was initiated on January 11, 2016 at the Ridgetop Circle ERP project office. The first three weeks were comprised of review and discovery tasks, during which Oracle Consulting reviewed process, procedures, and requirements documents with Loudoun functional and technical resources. The fourth week was spent assessing the referenced documentation and discovery findings against the current system build (as built by AST). The fifth week concluded with preparation of Oracle Consulting’s findings and recommendations report and “roadmap” to best move the project forward, including any technical upgrades and/or enhancements.

**FISCAL IMPACT:** All ERP Implementation Funds have been released, however, the remaining balance of funds has not been fully expended. An estimated \$6.8 million of funding remains available in the budget. It also should be noted that the ERP Implementation includes \$3.5 million for Post Go Live Support. Further, the cost to complete the implementation will be determined pending completion of the Oracle assessment, and payment terms are being addressed per the ongoing contractual discussions between AST and the County.

Date of Meeting: March 8, 2016

**#11**

**BOARD OF SUPERVISORS  
FINANCE/GOVERNMENT OPERATIONS AND  
ECONOMIC DEVELOPMENT COMMITTEE  
ACTION ITEM**

**SUBJECT:** **FY 2017 – FY 2022 Proposed Capital Improvement Program**

**ELECTION DISTRICT:** Countywide

**CRITICAL ACTION DATE:** March 8, 2016

**STAFF CONTACTS:** Daniel Csizmar, Transportation and Capital Infrastructure  
Joe Kroboth, Transportation and Capital Infrastructure  
Julie Crim, Transportation and Capital Infrastructure  
Peter Malgieri, Transportation and Capital Infrastructure

**PURPOSE:** To present the Finance/Government Operations and Economic Development Committee (FGOEDC) with updated information regarding the development of the Proposed FY 2017 – FY 2022 CIP, and provide the Committee with scenarios for funding amendments to the Proposed CIP as requested at their February 23, 2016 Special Meeting. Information regarding FY 2017 appropriations for the Capital Improvement Program budget and the Public Facilities Fund for each scenario is included as an attachment to this item. Information and motions regarding FY 2017 appropriations for the Computer System Replacement Fund and the Capital Asset Preservation Program Fund are provided in this item.

**STAFF RECOMMENDATION:** Staff recommends the FGOEDC select either Scenario #1A or Scenario #3A to recommend to the Board of Supervisors as the Proposed FY 2017 Capital Improvement Program and Funding Plan, including estimated appropriations for capital projects in FY 2017 to be included in the Adopted FY 2017 Budget and Appropriations Resolution.

**Please Note: Board Members are asked to bring their copies of Volume 2 of the Proposed FY 2017 Budget, which contains the Proposed FY 2017 Capital Improvements Program, with them to this meeting.**

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**BACKGROUND:** The Finance/Government Operations and Economic Development Committee (FGOEDC) was provided an overview of the Proposed FY 2017 Capital Improvement Program (CIP) at their meeting on February 11, 2016. The Committee began its review of the Proposed CIP at a special meeting on February 23, 2016, and provided direction to

staff regarding funding amendments they would like to have considered for inclusion in the Proposed CIP.

The goal of this session will be for the Committee to review and vote on a funding scenario option recommendation for the FY 2017 – FY 2022 Proposed CIP, and to recommend a CIP funding plan, including estimated FY 2017 appropriations for capital projects, to the Board of Supervisors for their consideration to adopt as part of the FY 2017 Adopted Budget and appropriations resolution.

Information regarding the FY 2017 appropriations for the CIP Funding Plan and Public Facilities Fund for each of the funding scenarios presented is included as Attachment 4 to this item. Information and motions to recommend the adoption of the FY 2017 Computer System Replacement Fund and the FY 2017 Capital Asset Preservation Program Fund is provided in this item.

### ***Funding Amendments Requested by the FGOEDC***

At their February 23, 2016, special meeting, the FGOEDC provided a list of priority funding requests they would like to have considered for inclusion in the Proposed CIP. The priority projects are:

1. **Shellhorn Road from Loudoun County Parkway to Moran Road** - Provide funding for the design (\$8,000,000 in general obligation bond financing in FY 2017), right-of-way acquisition (\$4,000,000 in NVTA Regional funding in both FY 2018 and FY 2019), and utility relocation (\$8,000,000 in NVTA Regional funding in FY 2020) for Shellhorn Road. Additional funding for construction of the road will be accommodated in subsequent CIP budgets once the cost estimate for the project has been refined further.
2. **Route 7/690 Interchange** - Fund the project between FY 2018 and FY 2021, a one year acceleration from the Proposed CIP.
3. **Installation of Synthetic Turf** - Accelerate funding for the installation of synthetic turf at the four high schools in the CIP by providing funding to turf two fields in two consecutive years prior to FY 2021, only if feasible.
4. **Route 7/287 Interchange** - Include funding for improvements to the interchange in the six-year CIP.
5. **Town of Hillsboro Traffic Calming and Pedestrian Safety Project** - Maintain funding for the project in FY 2018; accelerate funding for the project into FY 2017 only if the timing of the Town's Water System Improvement project requires the earlier appropriation.
6. **ES-31 (Dulles North)** - Defer funding for the school from FY 2017 to FY 2018.
7. **Crosstrail Boulevard Segment B** - Accelerate funding for the project from FY 2020 to FY 2017 or FY 2018.
8. **HS-9 (Dulles South)** - Accelerate funding by one year, for design in FY 2018 and construction in FY 2019.

9. **Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard** - Provide funding in the six-year CIP for intersection improvements and the widening of this segment of Evergreen Mills Road.
10. **Evergreen Mills Road Widening** - Provide funding in the six-year CIP, or in a future fiscal year (FFY), for the widening of Evergreen Mills Road from Northstar Boulevard to Belmont Ridge Road, and from Stone Springs Boulevard to Loudoun County Parkway.
11. **Intersection Improvements at Braddock/Supreme/Summerall** - Accelerate funding for the intersection improvements prior to FY 2019 in the Proposed CIP, if possible.

Of these requested funding amendments, the FGOEDC further provided that their top priorities among the list of requested funding amendments are:

1. Shellhorn Road
2. The Route 7/690 Interchange, and
3. Preserve the funding for the Town of Hillsboro Traffic Calming and Pedestrian Safety project.

Please note, the name for Glascock Boulevard officially changed and the road is now referred to as Dulles West Boulevard. The Proposed CIP used the name Glascock Boulevard, but this item and the CIP moving forward will use the name Dulles West Boulevard for this road.

#### ***Funding Amendments Made by the FGOEDC***

At their February 23, 2016 meeting, the FGOEDC made the following funding amendment recommendations regarding projects in the Proposed CIP:

1. Elimination of Funding for the Juvenile Probation Residence  
**The FGOEDC voted 5-0 to eliminate funding for the Juvenile Probation Residence from the Proposed CIP.**

The Proposed CIP includes \$7,200,000 in lease revenue financing in FY 2021 to develop an 8,800 square foot Juvenile Probation Residence at the Government Support Center off of Sycolin Road. Staff recommended that funding for the project be eliminated from the Proposed CIP. The Court system is trending towards placement of juveniles into community programs rather than residential facilities, which will negate the need for a Juvenile Probation Residence in the County. Furthermore, the effectiveness of the County's Evening Reporting Center, located at the County's Youth Shelter in the Leesburg area, also reduces the need for a probation residence. Future expansion of the Evening Reporting Center program into the Sterling area is envisioned to further assist in providing community programs for juveniles.

2. Reduction of Funding Required to Purchase Government Office Space in the Leesburg Area in FY 2017

**The FGOEDC voted 5-0 to reduce planned appropriations in FY 2017 from \$8,500,000 to \$7,635,000 in lease revenue financing for the acquisition of government office space in the Leesburg area.**

For the General Government Office Space Purchase project, \$8,500,000 in lease revenue financing is budgeted in FY 2017 of the Proposed CIP. Per the motion made by the Board of Supervisors to approve the purchase, the Board directed staff to appropriate \$8,100,000 in lease revenue financing in FY 2017 for the facility acquisition. Furthermore, per Board action on February 18, 2016, \$465,000 in lease revenue financing was appropriated in FY 2016 to cover the cost of the earnest money deposit required for the facility purchase, further lowering the required appropriation for the project in FY 2017 to \$7,635,000.

***Funding Amendments Made by the Board of Supervisors***

At their March 1, 2016 Business Meeting, and as requested by the Loudoun County School Board, the Board of Supervisors made the following funding amendment to the MS-7 project:

Accelerate Funding Required for the Design of MS-7

**The Board of Supervisors voted 9-0 to appropriate \$3,000,000 in general obligation bond financing in FY 2016 to advance design of the MS-7 Dulles South Middle School project.**

The result of this funding acceleration reduces required FY 2017 appropriations for MS-7 within the Proposed CIP by \$3,000,000. Therefore, the FY 2017 funding appropriation requested for MS-7 is reduced from \$60,820,000 to \$57,820,000 in general obligation bond financing.

***Development of Funding Amendment Scenarios to the Proposed CIP***

Staff has developed six funding scenarios, with two additional funding options associated with two of the scenarios, that attempt to accomplish the FGOEDC's priority funding amendments. The FGOEDC is asked to develop a recommendation regarding which of the funding scenario options should be recommended to the Board of Supervisors to develop the six- year FY 2017 – FY 2022 CIP.

It is important to note the following assumptions when reviewing the funding scenarios:

- The only amendments made to the funding plan that differ from the Proposed CIP are those amendments specifically highlighted in the bullet points and summary funding amendment tables provided in the following sections. If the project is not highlighted, then the funding allocations remained the same as the Proposed CIP for that project.

- Each scenario option is compliant with all of the County's fiscal and debt policies.

In attempting to accommodate the FGOEDC's funding amendment requests, staff observed that the following two project accelerations are difficult to accommodate:

#### 1. Accelerating HS-9 earlier than design in FY 2019 and construction in FY 2020

- Due to the acceleration of ES-28, MS-7 and HS-11 into FY 2017 of the Proposed CIP, combined with ongoing debt issuance for the Academies of Loudoun project, it is extremely difficult to further accelerate the development of HS-9. MS-7, ES-28 and HS-11 represent the School Board's highest priority projects in the Proposed CIP, and there is a high level of debt issuance required to support these school projects. From a debt issuance perspective, HS-9 is ideally placed for design appropriations in FY 2019 and construction appropriations in FY 2020, as provided in the Proposed CIP.
- If ES-31 is deferred by one year to FY 2018, then either the Ashburn Recreation Center or Hanson Park would need to be deferred to accommodate the acceleration of HS-9, but not both projects. If the Ashburn Recreation Center were deferred, the project would be delayed two years, with design beginning in FY 2019 using cash proffers and construction beginning in FY 2020 using debt and cash proffers. This option is provided as Scenario #1 presented later in this item. If Hanson Park were deferred, the project would be delayed one year, with construction appropriations in FY 2018. This option is provided as Scenario #2 presented later in this item.
- Accelerating HS-9 forward one year in the CIP without the deferrals of ES-31, requires the deferral of both Hanson Park and the Ashburn Recreation Center. These are the only two County projects in the first two years of the Proposed CIP with an amount of debt large enough to accommodate the acceleration of HS-9. At a minimum, the Ashburn Recreation Center design would be deferred to FY 2019 for design using cash proffers, and FY 2020 for construction using both debt and cash proffers, a two year delay from the Proposed CIP. Hanson Park would have to be deferred to FY 2020, a three year delay for construction appropriations from the Proposed CIP. This option is provided as Scenario #5, which is presented later in this item.

#### 2. Accelerating Crosstrail Boulevard into FY 2017

- This project acceleration can only be accomplished with the deferral of ES-31 into FY 2018, and HS-9 remaining in FY 2019 and FY 2020 as provided in the Proposed CIP. Otherwise, the deferral of projects like the Ashburn Recreation Center or Hanson Park would have to be considered.

- If Crosstrail Boulevard is accelerated into FY 2017 and ES-31 is deferred to FY 2018, the only way to keep the Ashburn Recreation Center on its proposed development schedule would be to completely fund its design in FY 2017 using cash proffers. In addition, the Countywide elementary school classroom additions would need to be delayed two years, from FY 2019 to FY 2021, in order to accommodate an accelerated debt issuance schedule for Crosstrail Boulevard. This option is provided as Scenario #4, which is presented later in this item.

Accelerating the development of Crosstrail Boulevard may not be advisable per the terms of the approved proffer statement for the Tuscarora Crossing development. The developer is proffered to construct Crosstrail Boulevard prior to the approval of the 289<sup>th</sup> residential zoning permit. The County's cost estimate to construct Crosstrail Boulevard is \$35,000,000 to \$39,000,000, depending on the year the project is scheduled for construction. Per the proffer statement terms, if the County were to develop the road, the County would only be reimbursed by the developer for \$30,000,000. The County would be taking a loss due to the level of reimbursement provided in the proffer statement versus the probable project cost. Whereas, if the County elects to allow the developer to construct the road, all costs would be absorbed by the developer.

The approved proffer statement for ZMAP-2012-0011, Tuscarora Crossing, includes the following provisions regarding the development of Crosstrail Boulevard:

- The entire four-lane section of Crosstrail Boulevard, including all necessary right-of-way, easements, and bridges, will be complete and open to traffic prior to the approval of the 289<sup>th</sup> residential zoning permit for the property.
- If Crosstrail Boulevard is constructed by the County or another party prior to the issuance of the 289<sup>th</sup> residential zoning permit, the Owner (the developer of Tuscarora Crossing) shall reimburse the County or other party for all costs incurred for the construction of Crosstrail Boulevard up to \$30,000,000. Such reimbursement will occur on a per residential unit basis as residential zoning permits are issued, with full reimbursement required to be paid prior to the approval of the 289<sup>th</sup> residential zoning permit.
- Dedication of all onsite right-of-way and easements to the County shall occur prior to the approval of the first site plan, first record plat, or within 120 days of request by Loudoun County, whichever is first.
- The Owner may construct the road in phases as long as the road and all associated bridges are constructed and open to traffic prior to the approval of the 289<sup>th</sup> residential zoning permit for the property.
- The Owner shall construct the bridge over Tuscarora Creek to provide a connection to Route 7 prior to the approval of the 71<sup>st</sup> residential zoning permit for the property.

- For a period of six months after approval of the rezoning application, the Owner shall pursue the acquisition of all necessary off-site right-of-way and easements necessary to construct Crosstrail Boulevard. If unsuccessful, the Owner will notify the County and the County may pursue the acquisition of off-site right-of-way and easements voluntarily or by eminent domain. If the County has not obtained all necessary off-site right-of-way and easements within six months, the Owner may modify the design of the road to fit the four lane section of Crosstrail within the available right-of-way.
- If the Owner is successful in acquiring necessary off-site right-of-way and easements, the County may either reimburse the Owner for the acquisition costs or grant a credit against the Owner's capital facility contributions for traffic signals and transit contributions.

### ***Proposed CIP Amendments Re-Allocating Funding to High Priority Transportation Projects***

Funding plan amendments are proposed to re-allocate funding to high priority transportation projects requested by the FGOEDC. These funding amendments are the same in Scenarios 1-5 and include the following:

- **Arcola Boulevard from Route 50 to Dulles West Boulevard** is funded in FY 2019 using a combination of existing planned appropriations for the project and funding freed from the Route 7/690 Interchange and Braddock/Summerall/Supreme Intersection Improvements project due to the issuance of debt for those projects in FY 2019.
- **Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road** is funded between FY 2020 and FY 2022 by re-allocating funding freed up from the acceleration of Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway, and the deferral of Dulles West Boulevard from Arcola to Northstar to FY 2022.
- **Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway** is funded in FY 2019 and FY 2020 by re-allocating NVTA 70% Regional funding from Arcola Boulevard from Dulles West to Evergreen Mills Road.
- **Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard** is funded in FY 2022 to begin design, right-of-way acquisition and utility relocation within existing planned appropriations for the project in the Proposed CIP.
- **Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway** is funded in FY 2022 by re-allocating funding freed up from the acceleration of the Route 7/690 Interchange and the deferral of funding for Dulles West Boulevard from Arcola to Northstar Boulevard.

- **Northstar Boulevard from Tall Cedars Parkway to Braddock Road** is funded in FY 2022 to begin design, right-of-way acquisition, and utility relocation within existing planned appropriations for the project in the Proposed CIP.
- **The Route 7/287 Interchange** is funded in FY 2022 by re-allocating funding from Northstar Boulevard from Tall Cedars to Braddock Road project.
- **The Route 7/690 Interchange** has funding accelerated to between FY 2017 and FY 2021 using general obligation bond financing from FY 2017 to FY 2019, existing planned appropriations for the project in the Proposed CIP in FY 2020 and FY 2021, and by re-allocating funding from the Arcola Boulevard project in FY 2020.
- **Shellhorn Road from Loudoun County Parkway to Moran Road** is funded to begin design, right-of-way acquisition, and utility relocation from FY 2017 to FY 2020 using general obligation bond financing and NVTAs 70% Regional funds.

***Scenario #1 – ES-31 Deferred/HS-9 Accelerated/Ashburn Recreation Center Deferred***

This scenario examined the deferral of ES-31 and the acceleration of HS-9. In order to accommodate these two school funding adjustments, a significant County project had to be deferred, in this case the Ashburn Recreation Center.

**Funding plan amendments required to meet the FGOEDC requests and maintain compliance with the County's debt ratios include:**

- **HS-9** is accelerated to FY 2018 (from FY 2019) for design and FY 2019 (from FY 2020) for construction.
- **ES-31** is deferred to FY 2018 (from FY 2017).
- The **Ashburn Recreation and Community Center** is deferred two years – design in FY 2019 (from FY 2017) using cash proffers; construction in FY 2020 (from FY 2018) using cash proffers and debt financing.
- Funding for the **Dulles Area Classroom Additions** is accelerated into FY 2017 (from FY 2019), the highest priority School Board request for funding amendments.
- The **Round Hill Fire Station Replacement** project is accelerated two years, with design in FY 2017 (from FY 2019) and construction in FY 2018 (from FY 2020).
- Intersection improvements to **Braddock/Summerall/Supreme** is provided in FY 2017 (from FY 2019), a two year acceleration using debt financing instead of \$0.02 local tax funding.
- **Evergreen Mills Road** intersection improvements and widening between Belmont Ridge Road and Stone Spring Boulevard are provided in FY 2018 and FY 2019 using debt financing.

**The transportation funding plan amendments re-allocate funding to high priority transportation projects requested by the FGOEDC. These funding amendments are the same in Scenarios 1-5 and include the following:**

- Arcola Boulevard from Route 50 to Dulles West Boulevard is funded in FY 2019.
- Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road is funded between FY 2020 and FY 2022.
- Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway is funded in FY 2019 and FY 2020.
- Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard is funded in FY 2022 to begin design, right-of-way acquisition and utility relocation.
- Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway is funded in FY 2022.
- Northstar Boulevard from Tall Cedars Parkway to Braddock Road is funded in FY 2022 to begin design, right-of-way acquisition, and utility relocation.
- The Route 7/287 Interchange is funded in FY 2022.
- The Route 7/690 Interchange is funded between FY 2017 and FY 2021.
- Shellhorn Road from Loudoun County Parkway to Moran Road is funded to begin design, right-of-way acquisition, and utility relocation from FY 2017 to FY 2020.

**Scenario #1 Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Ashburn Recreation &amp; Community Center</b>									
Proposed CIP	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	-	26,660	-	-	-	-	26,660	-	26,660
General Obligation Bonds	9,680	34,590	-	-	-	-	44,270	-	44,270
<b>Scenario #1</b>	-	-	10,500	66,250	-	-	76,750	-	76,750
Cash Proffers	-	-	10,500	16,160	-	-	26,660	-	26,660
General Obligation Bonds	-	-	-	50,090	-	-	50,090	-	50,090
<b>Station #04 - Round Hill Replacement</b>									
Proposed CIP	-	-	1,900	13,760	-	-	15,660	-	15,660
General Obligation Bonds	-	-	1,900	13,760	-	-	15,660	-	15,660
<b>Scenario #1</b>	1,800	12,700	-	-	-	-	14,500	-	14,500
General Obligation Bonds	1,800	12,700	-	-	-	-	14,500	-	14,500
<b>ES - 31 Dulles North</b>									
Proposed CIP	36,355	-	-	-	-	-	36,355	-	36,355
General Obligation Bonds	36,355	-	-	-	-	-	36,355	-	36,355
<b>Scenario #1</b>	-	37,895	-	-	-	-	37,895	-	37,895
Local Tax Funding	-	1,540	-	-	-	-	1,540	-	1,540
General Obligation Bonds	-	36,355	-	-	-	-	36,355	-	36,355
<b>Classroom Additions - Dulles North &amp; South</b>									
Proposed CIP	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #1</b>	16,320	-	-	-	-	-	16,320	-	16,320
General Obligation Bonds	16,320	-	-	-	-	-	16,320	-	16,320
<b>HS - 9 Dulles South</b>									
Proposed CIP	-	-	13,525	121,710	-	-	135,235	-	135,235
Local Tax Funding	-	-	3,000	12,425	-	-	15,425	-	15,425
General Obligation Bonds	-	-	10,525	109,285	-	-	119,810	-	119,810
<b>Scenario #1</b>	-	11,760	118,900	-	-	-	130,660	-	130,660
Local Tax Funding	-	3,500	10,000	-	-	-	13,500	-	13,500
General Obligation Bonds	-	8,260	108,900	-	-	-	117,160	-	117,160
<b>Braddock/Summerall/Supreme Intersection Improvements</b>									
Proposed CIP	-	-	2,100	-	-	-	2,100	-	2,100
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
<b>Scenario</b>	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	2,000
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
Proposed CIP	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario</b>	-	1,800	9,200	-	-	-	11,000	-	11,000
General Obligation Bonds	-	1,800	9,200	-	-	-	11,000	-	11,000

\*White sections indicate Proposed CIP funding; blue sections indicate scenario funding amendments

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)</b>									
Proposed CIP	-	-	12,100	20,000	-	-	32,100	-	32,100
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	12,100	10,000	-	-	22,100	-	22,100
NVTA 30% Local	-	-	-	5,000	-	-	5,000	-	5,000
<b>Scenario</b>	-	-	-	3,400	11,826	10,000	25,226	-	25,226
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30% Local	-	-	-	-	6,826	5,000	11,826	-	11,826
<b>Arcola Boulevard (Route 50 to Dulles West Boulevard)</b>									
<b>Scenario</b>	-	-	8,132	-	-	-	8,132	-	8,132
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	2,032	-	-	-	2,032	-	2,032
<b>Dulles West Boulevard (Arcola - Loudoun Co. Pkwy)</b>									
Proposed CIP	-	-	-	2,514	4,700	10,000	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	1,500	5,000	6,500	-	6,500
NVTA 30% Local	-	-	-	-	3,200	5,000	8,200	-	8,200
<b>Scenario</b>	-	-	8,100	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	8,100	6,600	-	-	14,700	-	14,700
<b>Dulles West Boulevard (Arcola - Northstar Boulevard)</b>									
Proposed CIP	-	-	-	-	7,126	36,550	43,676	-	43,676
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
Revenue Sharing	-	-	-	-	3,500	-	3,500	-	3,500
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 30% Local	-	-	-	-	3,626	4,450	8,076	-	8,076
<b>Scenario</b>	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
<b>Evergreen Mills Rd (Stone Springs - Arcola)</b>									
<b>Scenario</b>	-	-	-	-	-	10,400	10,400	-	10,400
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,400	5,400	-	5,400
<b>Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)</b>									
<b>Scenario</b>	-	-	-	-	-	19,051	19,051	-	19,051
Local Tax Funding \$0.02	-	-	-	-	-	15,000	15,000	-	15,000
NVTA 30% Local	-	-	-	-	-	4,051	4,051	-	4,051
<b>Evergreen Mills Rd (Northstar - Belmont Ridge)</b>									
<b>Scenario</b>	-	-	-	-	-	-	-	54,500	54,500
General Obligation Bonds	-	-	-	-	-	-	-	54,500	54,500
<b>Northstar Boulevard - Tall Cedars to Braddock</b>									
Proposed CIP	-	-	-	-	-	21,855	21,855	-	21,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	21,663	21,663	-	21,663
<b>Scenario</b>	-	-	-	-	-	10,855	10,855	-	10,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	10,663	10,663	-	10,663
<b>Route 7 / Route 287 Interchange</b>									
<b>Scenario</b>	-	-	-	-	-	11,000	11,000	-	11,000
NVTA 70% Regional	-	-	-	-	-	11,000	11,000	-	11,000
<b>Route 7 / Route 690 Interchange</b>									
Proposed CIP	-	-	2,032	5,100	10,000	16,001	33,133	-	33,133
Local Tax Funding \$0.02	-	-	-	5,100	-	6,000	11,100	-	11,100
State Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 30% Local	-	-	2,032	-	5,000	5,001	12,033	-	12,033
<b>Scenario</b>	4,000	2,000	2,000	15,100	10,000	-	33,100	-	33,100
Local Tax Funding \$0.02	-	-	-	5,100	-	-	5,100	-	5,100
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	-	5,000	5,000	-	10,000	-	10,000
<b>Shellhorn Road</b>									
<b>Scenario</b>	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000

**Scenario #1 Debt Ratio Analysis:**

Ratios:						
Debt to Estimated Property Value <i>(Fiscal Policy Target = &lt;3%)</i>	2.01%	2.08%	2.13%	2.13%	2.06%	2.00%
Debt to Per Capita Income <i>(Fiscal Policy Target = &lt;8%)</i>	5.47%	5.48%	5.53%	5.47%	5.25%	5.08%
Debt Service to Expenditures <i>(Fiscal Policy Target =&lt;10%)</i>	7.85%	8.28%	8.63%	8.91%	8.60%	8.15%
Ten-Year Debt Payout Ratio <i>(Fiscal Policy Target=&gt;60%)</i>	63.44%	62.46%	62.22%	62.80%	63.57%	64.75%
Annual Debt Issuance Guideline:						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$224,123,017	\$220,538,000	\$222,727,000	\$220,105,000	\$168,715,000	\$180,450,000
Remaining Debt Capacity	\$876,983	\$4,462,000	\$2,273,000	\$4,895,000	\$56,285,000	\$44,550,000

**Scenario #1A – Swap Funding Between Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard with the High School Athletic Turf Fields.**

Scenario #1 funds the installation of synthetic turf fields at the four high schools in FY 2021 and FY 2022, the same as the Proposed CIP. If the Committee determines the synthetic turf installation is a higher priority project, an option exists to swap funding appropriations with the Evergreen Mills Road project from Belmont Ridge Road and Stone Springs Boulevard, which is funded in FY 2018 and FY 2019 in Scenario #1.

Scenario #1A would keep all other project funding allocations the same as Scenario #1, but would fund two synthetic turf fields in FY 2018 (\$4,360,000) and two synthetic turf fields in FY 2019 (\$4,550,000) using general obligation bond financing, and would fund Evergreen Mills Road widening and intersection improvements from Belmont Ridge Road to Stone Springs Boulevard in FY 2021 (\$2,000,000) and FY 2022 (\$10,300,000) using general obligation bond financing.

**Scenario #1A Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
Proposed CIP	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario #1A</b>	-	-	-	-	2,000	10,300	12,300	-	12,300
General Obligation Bonds	-	-	-	-	2,000	10,300	12,300	-	12,300
<b>HS - Stadium Synthetic Turf &amp; Track Resurface</b>									
Proposed CIP	-	-	-	-	2,265	7,110	9,375	-	9,375
General Obligation Bonds	-	-	-	-	2,265	7,110	9,375	-	9,375
<b>Scenario #1A</b>	-	4,360	4,550	-	-	-	8,910	-	8,910
General Obligation Bonds	-	4,360	4,550	-	-	-	8,910	-	8,910

**Scenario #1A Debt Ratio Analysis**

Debt to Estimated Property Value (Fiscal Policy Target = <3%)	2.01%	2.09%	2.13%	2.13%	2.06%	2.01%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.47%	5.49%	5.52%	5.46%	5.25%	5.08%
Debt Service to Expenditures (Fiscal Policy Target =<10%)	7.85%	8.28%	8.64%	8.90%	8.59%	8.14%
Ten-Year Debt Payout Ratio (Fiscal Policy Target=>60%)	63.44%	62.44%	62.24%	62.81%	63.58%	64.74%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$224,123,017	\$223,098,000	\$218,077,000	\$220,105,000	\$168,450,000	\$183,640,000
Remaining Debt Capacity	\$876,983	\$1,902,000	\$6,923,000	\$4,895,000	\$56,550,000	\$41,360,000

**Scenario #2 – ES-31 Deferred/HS-9 Accelerated/Hanson Park Delayed**

This scenario examined the deferral of ES-31 and the acceleration of HS-9. In order to accommodate these two school funding adjustments, a significant County project had to be deferred, in this case Hal and Berni Hanson Regional Park.

**Funding plan amendments required to meet the FGOEDC requests and maintain compliance with the County’s debt ratios include:**

- **HS-9** is accelerated to FY 2018 (from FY 2019) for design and FY 2019 (From FY 2020) for construction.
- **ES-31** is deferred to FY 2018 (from FY 2017).
- **Hanson Park** is deferred to FY 2018 (from FY 2017).
- Funding for the **Dulles Area Classroom Additions** is accelerated into FY 2017 (from FY 2019).
- Funding for the **Countywide Classroom Additions** is deferred to FY 2021 (from FY 2019).
- **Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard** is provided in FY 2021 and FY 2022 (from a future fiscal year).
- Intersection improvements to **Braddock/Summerall/Supreme** is provided in FY 2017 (from FY 2019) using debt financing instead of \$0.02 local tax funding.

**The transportation funding plan amendments re-allocate funding to high priority transportation projects requested by the FGOEDC. These funding amendments are the same in Scenarios 1-5 and include the following:**

- Arcola Boulevard from Route 50 to Dulles West Boulevard is funded in FY 2019.
- Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road is funded between FY 2020 and FY 2022.
- Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway is funded in FY 2019 and FY 2020.

- Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard is funded in FY 2022 to begin design, right-of-way acquisition and utility relocation.
- Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway is funded in FY 2022.
- Northstar Boulevard from Tall Cedars Parkway to Braddock Road is funded in FY 2022 to begin design, right-of-way acquisition, and utility relocation.
- The Route 7/287 Interchange is funded in FY 2022.
- The Route 7/690 Interchange is funded between FY 2017 and FY 2021.
- Shellhorn Road from Loudoun County Parkway to Moran Road is funded to begin design, right-of-way acquisition, and utility relocation from FY 2017 to FY 2020.

**Scenario #2 Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Hal &amp; Berni Hanson Regional Park</b>									
Proposed CIP	53,260	-	-	-	-	-	53,260	-	53,260
Cash Proffers	23,555	-	-	-	-	-	23,555	-	23,555
General Obligation Bonds	29,705	-	-	-	-	-	29,705	-	29,705
<b>Scenario #2</b>	-	55,400	-	-	-	-	55,400	-	55,400
Cash Proffers	-	23,555	-	-	-	-	23,555	-	23,555
General Obligation Bonds	-	31,845	-	-	-	-	31,845	-	31,845
<b>ES - 31 Dulles North</b>									
Proposed CIP	36,355	-	-	-	-	-	36,355	-	36,355
General Obligation Bonds	36,355	-	-	-	-	-	36,355	-	36,355
<b>Scenario #2</b>	-	37,895	-	-	-	-	37,895	-	37,895
Local Tax Funding	-	1,540	-	-	-	-	1,540	-	1,540
General Obligation Bonds	-	36,355	-	-	-	-	36,355	-	36,355
<b>Classroom Additions - Dulles North &amp; South</b>									
Proposed CIP	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #2</b>	16,320	-	-	-	-	-	16,320	-	16,320
General Obligation Bonds	16,320	-	-	-	-	-	16,320	-	16,320
<b>Classroom Additions - TBD</b>									
Proposed CIP	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #2</b>	-	-	-	-	19,100	-	19,100	-	19,100
General Obligation Bonds	-	-	-	-	19,100	-	19,100	-	19,100
<b>HS - 9 Dulles South</b>									
Proposed CIP	-	-	13,525	121,710	-	-	135,235	-	135,235
Local Tax Funding	-	-	3,000	12,425	-	-	15,425	-	15,425
General Obligation Bonds	-	-	10,525	109,285	-	-	119,810	-	119,810
<b>Scenario #2</b>	-	11,760	118,900	-	-	-	130,660	-	130,660
Local Tax Funding	-	3,500	10,000	-	-	-	13,500	-	13,500
General Obligation Bonds	-	8,260	108,900	-	-	-	117,160	-	117,160
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
Proposed CIP	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario #2</b>	-	-	-	-	2,000	10,300	12,300	-	12,300
General Obligation Bonds	-	-	-	-	2,000	10,300	12,300	-	12,300
<b>Braddock/Summerall/Supreme Intersection Improvements</b>									
Proposed CIP	-	-	2,100	-	-	-	2,100	-	2,100
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
<b>Scenario #2</b>	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	2,000

\*White sections indicate Proposed CIP funding; blue sections indicate scenario funding amendments

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)</b>									
Proposed CIP	-	-	12,100	20,000	-	-	32,100	-	32,100
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	12,100	10,000	-	-	22,100	-	22,100
NVTA 30% Local	-	-	-	5,000	-	-	5,000	-	5,000
<b>Scenario #2</b>	-	-	-	3,400	11,826	10,000	25,226	-	25,226
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30% Local	-	-	-	-	6,826	5,000	11,826	-	11,826
<b>Arcola Boulevard (Route 50 to Dulles West Boulevard)</b>									
<b>Scenario #2</b>	-	-	8,132	-	-	-	8,132	-	8,132
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	2,032	-	-	-	2,032	-	2,032
<b>Dulles West Boulevard (Arcola - Loudoun Co. Pkwy)</b>									
Proposed CIP	-	-	-	2,514	4,700	10,000	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	1,500	5,000	6,500	-	6,500
NVTA 30% Local	-	-	-	-	3,200	5,000	8,200	-	8,200
<b>Scenario #2</b>	-	-	8,100	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	8,100	6,600	-	-	14,700	-	14,700
<b>Dulles West Boulevard (Arcola - Northstar Boulevard)</b>									
Proposed CIP	-	-	-	-	7,126	36,550	43,676	-	43,676
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
Revenue Sharing	-	-	-	-	3,500	-	3,500	-	3,500
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 30% Local	-	-	-	-	3,626	4,450	8,076	-	8,076
<b>Scenario #2</b>	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
<b>Evergreen Mills Rd (Stone Springs - Arcola)</b>									
<b>Scenario #2</b>	-	-	-	-	-	10,400	10,400	-	10,400
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,400	5,400	-	5,400
<b>Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)</b>									
<b>Scenario #2</b>	-	-	-	-	-	19,051	19,051	-	19,051
Local Tax Funding \$0.02	-	-	-	-	-	15,000	15,000	-	15,000
NVTA 30% Local	-	-	-	-	-	4,051	4,051	-	4,051
<b>Evergreen Mills Rd (Northstar - Belmont Ridge)</b>									
<b>Scenario #2</b>	-	-	-	-	-	-	-	54,500	54,500
General Obligation Bonds	-	-	-	-	-	-	-	54,500	54,500
<b>Northstar Boulevard - Tall Cedars to Braddock</b>									
Proposed CIP	-	-	-	-	-	21,855	21,855	-	21,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	21,663	21,663	-	21,663
<b>Scenario #2</b>	-	-	-	-	-	10,855	10,855	-	10,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	10,663	10,663	-	10,663
<b>Route 7 / Route 287 Interchange</b>									
<b>Scenario #2</b>	-	-	-	-	-	11,000	11,000	-	11,000
NVTA 70% Regional	-	-	-	-	-	11,000	11,000	-	11,000
<b>Route 7 / Route 690 Interchange</b>									
Proposed CIP	-	-	2,032	5,100	10,000	16,001	33,133	-	33,133
Local Tax Funding \$0.02	-	-	-	5,100	-	6,000	11,100	-	11,100
State Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 30% Local	-	-	2,032	-	5,000	5,001	12,033	-	12,033
<b>Scenario #2</b>	4,000	2,000	2,000	15,100	10,000	-	33,100	-	33,100
Local Tax Funding \$0.02	-	-	-	5,100	-	-	5,100	-	5,100
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	-	5,000	5,000	-	10,000	-	10,000
<b>Shellhorn Road</b>									
<b>Scenario #2</b>	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000

**Scenario #2 Debt Ratio Analysis:**

Debt to Estimated Property Value (Fiscal Policy Target = <3%)	2.01%	2.09%	2.13%	2.13%	2.05%	2.00%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.47%	5.49%	5.53%	5.47%	5.24%	5.07%
Debt Service to Expenditures (Fiscal Policy Target =<10%)	7.85%	8.28%	8.63%	8.92%	8.66%	8.17%
Ten-Year Debt Payout Ratio (Fiscal Policy Target=>60%)	63.45%	62.45%	62.36%	63.07%	63.84%	65.04%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$223,003,017	\$223,038,000	\$222,007,000	\$222,600,000	\$161,645,000	\$184,550,000
Remaining Debt Capacity	\$1,996,983	\$1,962,000	\$2,993,000	\$2,400,000	\$63,355,000	\$40,450,000

**Scenario #3 – ES-31 Deferred**

This scenario examined the deferral of ES-31 and maintained funding for HS-9 according to the Proposed CIP.

**Funding plan amendments required to meet the FGOEDC requests and maintain compliance with the County’s debt ratios include:**

- **ES-31** is deferred to FY 2018 (from FY 2017).
- Funding for the **Dulles Area Classroom Additions** is accelerated into FY 2017 (from FY 2019).
- Funding for the **Countywide Classroom Additions** remains in FY 2019 according to the Proposed CIP.
- Funding for the **installation of synthetic turf** at high schools is accelerated one year into FY 2020 and FY 2021 (from FY 2021 and FY 2022).
- To remain within the debt issuance limits, design of the **Ashburn Recreation Center** is funded in FY 2017 using cash proffers instead of debt financing.
- Intersection improvements to **Braddock/Summerall/Supreme** is provided in FY 2017 (from FY 2019) using debt financing instead of \$0.02 local tax funding.
- **Evergreen Mills Road** intersection improvements and widening between Belmont Ridge Road and Stone Spring Boulevard is provided in FY 2018 and FY 2019 (from a future fiscal year) using debt financing.

**The transportation funding plan amendments re-allocate funding to high priority transportation projects requested by the FGOEDC. These funding amendments are the same in Scenarios 1-5 and include the following:**

- Arcola Boulevard from Route 50 to Dulles West Boulevard is funded in FY 2019.
- Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road is funded between FY 2020 and FY 2022.

- Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway is funded in FY 2019 and FY 2020.
- Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard is funded in FY 2022 to begin design, right-of-way acquisition and utility relocation.
- Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway is funded in FY 2022.
- Northstar Boulevard from Tall Cedars Parkway to Braddock Road is funded in FY 2022 to begin design, right-of-way acquisition, and utility relocation.
- The Route 7/287 Interchange is funded in FY 2022.
- The Route 7/690 Interchange is funded between FY 2017 and FY 2021.
- Shellhorn Road from Loudoun County Parkway to Moran Road is funded to begin design, right-of-way acquisition, and utility relocation from FY 2017 to FY 2020.

**Scenario #3 Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Ashburn Recreation &amp; Community Center</b>									
<b>Proposed CIP</b>	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	-	26,660	-	-	-	-	26,660	-	26,660
General Obligation Bonds	9,680	34,590	-	-	-	-	44,270	-	44,270
<b>Scenario #3</b>	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	9,680	16,980	-	-	-	-	26,660	-	26,660
General Obligation Bonds	-	44,270	-	-	-	-	44,270	-	44,270
<b>ES - 31 Dulles North</b>									
<b>Proposed CIP</b>	36,355	-	-	-	-	-	36,355	-	36,355
General Obligation Bonds	36,355	-	-	-	-	-	36,355	-	36,355
<b>Scenario #3</b>	-	37,895	-	-	-	-	37,895	-	37,895
Local Tax Funding	-	1,540	-	-	-	-	1,540	-	1,540
General Obligation Bonds	-	36,355	-	-	-	-	36,355	-	36,355
<b>Classroom Additions - Dulles North &amp; South</b>									
<b>Proposed CIP</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #3</b>	16,320	-	-	-	-	-	16,320	-	16,320
General Obligation Bonds	16,320	-	-	-	-	-	16,320	-	16,320
<b>Classroom Additions - TBD</b>									
<b>Proposed CIP</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #3</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>HS - Stadium Synthetic Turf &amp; Track Resurface</b>									
<b>Proposed CIP</b>	-	-	-	-	2,265	7,110	9,375	-	9,375
General Obligation Bonds	-	-	-	-	2,265	7,110	9,375	-	9,375
<b>Scenario #3</b>	-	-	-	4,740	4,930	-	9,670	-	9,670
General Obligation Bonds	-	-	-	4,740	4,930	-	9,670	-	9,670
<b>Braddock/Summerall/Supreme Intersection Improvements</b>									
<b>Proposed CIP</b>	-	-	2,100	-	-	-	2,100	-	2,100
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
<b>Scenario</b>	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	2,000
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
<b>Proposed CIP</b>	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario</b>	-	1,800	9,200	-	-	-	11,000	-	11,000
General Obligation Bonds	-	1,800	9,200	-	-	-	11,000	-	11,000

\*White sections indicate Proposed CIP funding; blue sections indicate scenario funding amendments

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)</b>									
Proposed CIP	-	-	12,100	20,000	-	-	32,100	-	32,100
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	12,100	10,000	-	-	22,100	-	22,100
NVTA 30% Local	-	-	-	5,000	-	-	5,000	-	5,000
<b>Scenario</b>	-	-	-	3,400	11,826	10,000	25,226	-	25,226
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30% Local	-	-	-	-	6,826	5,000	11,826	-	11,826
<b>Arcola Boulevard (Route 50 to Dulles West Boulevard)</b>									
<b>Scenario</b>	-	-	8,132	-	-	-	8,132	-	8,132
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	2,032	-	-	-	2,032	-	2,032
<b>Dulles West Boulevard (Arcola - Loudoun Co. Pkwy)</b>									
Proposed CIP	-	-	-	2,514	4,700	10,000	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	1,500	5,000	6,500	-	6,500
NVTA 30% Local	-	-	-	-	3,200	5,000	8,200	-	8,200
<b>Scenario</b>	-	-	8,100	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	8,100	6,600	-	-	14,700	-	14,700
<b>Dulles West Boulevard (Arcola - Northstar Boulevard)</b>									
Proposed CIP	-	-	-	-	7,126	36,550	43,676	-	43,676
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
Revenue Sharing	-	-	-	-	3,500	-	3,500	-	3,500
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 30% Local	-	-	-	-	3,626	4,450	8,076	-	8,076
<b>Scenario</b>	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
<b>Evergreen Mills Rd (Stone Springs - Arcola)</b>									
<b>Scenario</b>	-	-	-	-	-	10,400	10,400	-	10,400
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,400	5,400	-	5,400
<b>Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)</b>									
<b>Scenario</b>	-	-	-	-	-	19,051	19,051	-	19,051
Local Tax Funding \$0.02	-	-	-	-	-	15,000	15,000	-	15,000
NVTA 30% Local	-	-	-	-	-	4,051	4,051	-	4,051
<b>Evergreen Mills Rd (Northstar - Belmont Ridge)</b>									
<b>Scenario</b>	-	-	-	-	-	-	-	54,500	54,500
General Obligation Bonds	-	-	-	-	-	-	-	54,500	54,500
<b>Northstar Boulevard - Tall Cedars to Braddock</b>									
Proposed CIP	-	-	-	-	-	21,855	21,855	-	21,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	21,663	21,663	-	21,663
<b>Scenario</b>	-	-	-	-	-	10,855	10,855	-	10,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	10,663	10,663	-	10,663
<b>Route 7 / Route 287 Interchange</b>									
<b>Scenario</b>	-	-	-	-	-	11,000	11,000	-	11,000
NVTA 70% Regional	-	-	-	-	-	11,000	11,000	-	11,000
<b>Route 7 / Route 690 Interchange</b>									
Proposed CIP	-	-	2,032	5,100	10,000	16,001	33,133	-	33,133
Local Tax Funding \$0.02	-	-	-	5,100	-	6,000	11,100	-	11,100
State Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 30% Local	-	-	2,032	-	5,000	5,001	12,033	-	12,033
<b>Scenario</b>	4,000	2,000	2,000	15,100	10,000	-	33,100	-	33,100
Local Tax Funding \$0.02	-	-	-	5,100	-	-	5,100	-	5,100
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	-	5,000	5,000	-	10,000	-	10,000
<b>Shellhorn Road</b>									
<b>Scenario</b>	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000

**Scenario #3 Debt Ratio Analysis:**

Debt to Estimated Property Value (Fiscal Policy Target = <3%)	2.01%	2.08%	2.13%	2.12%	2.05%	2.00%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.47%	5.47%	5.52%	5.46%	5.24%	5.07%
Debt Service to Expenditures (Fiscal Policy Target =<10%)	7.85%	8.28%	8.61%	8.89%	8.62%	8.15%
Ten-Year Debt Payout Ratio (Fiscal Policy Target=>60%)	63.46%	62.49%	62.24%	62.99%	63.74%	64.47%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$222,323,017	\$217,258,000	\$223,707,000	\$220,065,000	\$166,190,000	\$185,400,000
Remaining Debt Capacity	\$2,676,983	\$7,742,000	\$1,293,000	\$4,935,000	\$58,810,000	\$39,600,000

**Scenario #3A – Swap Funding Between Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard with the High School Athletic Turf Fields.**

Scenario #3 funds the installation of synthetic turf fields at the four high schools in FY 2020 and FY 2021. If the Board determines the synthetic turf installation is a high priority project, an option exists to swap funding appropriations with the Evergreen Mills Road project from Belmont Ridge Road and Stone Springs Boulevard, which is funded in FY 2018 and FY 2019 in Scenario #3.

Scenario #3A would keep all other project funding allocations the same as Scenario #3, but would fund two synthetic turf fields in FY 2018 (\$4,360,000) and two synthetic turf fields in FY 2019 (\$4,550,000) using general obligation bond financing, and would fund Evergreen Mills Road widening and intersection improvements from Belmont Ridge Road to Stone Springs Boulevard in FY 2020 (\$1,950,000) and FY 2021 (\$9,950,000) using general obligation bond financing.

**Scenario #3A Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
Proposed CIP	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario #3A</b>	-	-	-	1,900	9,950	-	11,850	-	11,850
General Obligation Bonds	-	-	-	1,950	9,950	-	11,900	-	11,900
<b>HS - Stadium Synthetic Turf &amp; Track Resurface</b>									
Proposed CIP	-	-	-	-	2,265	7,110	9,375	-	9,375
General Obligation Bonds	-	-	-	-	2,265	7,110	9,375	-	9,375
<b>Scenario #3A</b>	-	4,360	4,550	-	-	-	8,910	-	8,910
General Obligation Bonds	-	4,360	4,550	-	-	-	8,910	-	8,910

**Scenario #3A Debt Ratio Analysis:**

Debt to Estimated Property Value (Fiscal Policy Target = <3%)	2.01%	2.08%	2.13%	2.12%	2.05%	2.00%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.47%	5.48%	5.51%	5.44%	5.24%	5.07%
Debt Service to Expenditures (Fiscal Policy Target =<10%)	7.85%	8.28%	8.62%	8.89%	8.60%	8.15%
Ten-Year Debt Payout Ratio (Fiscal Policy Target=>60%)	63.46%	62.47%	62.25%	63.02%	63.73%	64.46%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$222,323,017	\$219,818,000	\$219,057,000	\$217,275,000	\$171,210,000	\$185,400,000
Remaining Debt Capacity	\$2,676,983	\$5,182,000	\$5,943,000	\$7,725,000	\$53,790,000	\$39,600,000

**Scenario #4 – ES-31 Deferred/Crosstrail Boulevard Accelerated**

This scenario examined the acceleration of Crosstrail Boulevard Segment B and the deferral of ES-31. **Funding plan amendments required to meet the FGOEDC requests and maintain compliance with the County’s debt ratios include:**

- **Crosstrail Boulevard Segment B** is accelerated to FY 2017 (from FY 2020).
- **ES-31** is deferred to FY 2018 (from FY 2017).
- Funding for the **Dulles Area Classroom Additions** remains in FY 2019.
- Funding for the **Countywide Classroom Additions** is deferred to FY 2021 (from FY 2019).
- Funding for the intersection improvements and widening of **Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard** is provided in FY 2020 and FY 2021 (from a future fiscal year) using debt financing.
- Funding for the **installation of synthetic turf** at the four high schools is accelerated into FY 2020 and FY 2021 (from FY 2021 and FY 2022).
- To remain within the debt issuance limits, design of the **Ashburn Recreation Center** is funded in FY 2017 using cash proffers instead of debt financing.
- Intersection improvements to **Braddock/Summerall/Supreme** is provided in FY 2017 (from FY 2019) using debt financing instead of \$0.02 local tax funding.

**The transportation funding plan amendments re-allocate funding to high priority transportation projects requested by the FGOEDC. These funding amendments are the same in Scenarios 1-5 and include the following:**

- Arcola Boulevard from Route 50 to Dulles West Boulevard is funded in FY 2019.
- Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road is funded between FY 2020 and FY 2022.
- Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway is funded in FY 2019 and FY 2020.

- Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard is funded in FY 2022 to begin design, right-of-way acquisition and utility relocation.
- Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway is funded in FY 2022.
- Northstar Boulevard from Tall Cedars Parkway to Braddock Road is funded in FY 2022 to begin design, right-of-way acquisition, and utility relocation.
- The Route 7/287 Interchange is funded in FY 2022.
- The Route 7/690 Interchange is funded between FY 2017 and FY 2021.
- Shellhorn Road from Loudoun County Parkway to Moran Road is funded to begin design, right-of-way acquisition, and utility relocation from FY 2017 to FY 2020.

**Scenario #4 Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Ashburn Recreation &amp; Community Center</b>									
<b>Proposed CIP</b>	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	-	26,660	-	-	-	-	26,660	-	26,660
General Obligation Bonds	9,680	34,590	-	-	-	-	44,270	-	44,270
<b>Scenario #4</b>	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	9,680	16,980	-	-	-	-	26,660	-	26,660
General Obligation Bonds	-	44,270	-	-	-	-	44,270	-	44,270
<b>ES - 31 Dulles North</b>									
<b>Proposed CIP</b>	36,355	-	-	-	-	-	36,355	-	36,355
General Obligation Bonds	36,355	-	-	-	-	-	36,355	-	36,355
<b>Scenario #4</b>	-	37,895	-	-	-	-	37,895	-	37,895
Local Tax Funding	-	1,540	-	-	-	-	1,540	-	1,540
General Obligation Bonds	-	36,355	-	-	-	-	36,355	-	36,355
<b>Classroom Additions - Dulles North &amp; South</b>									
<b>Proposed CIP</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #4</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Classroom Additions - TBD</b>									
<b>Proposed CIP</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #4</b>	-	-	-	-	19,100	-	19,100	-	19,100
General Obligation Bonds	-	-	-	-	19,100	-	19,100	-	19,100
<b>HS - Stadium Synthetic Turf &amp; Track Resurface</b>									
<b>Proposed CIP</b>	-	-	-	-	2,265	7,110	9,375	-	9,375
General Obligation Bonds	-	-	-	-	2,265	7,110	9,375	-	9,375
<b>Scenario #4</b>	-	-	-	4,740	4,930	-	9,670	-	9,670
General Obligation Bonds	-	-	-	4,740	4,930	-	9,670	-	9,670
<b>Crosstrail Boulevard</b>									
<b>Proposed CIP</b>	2,000	-	-	41,560	-	-	43,560	-	43,560
Local Tax Funding	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	-	-	-	41,560	-	-	41,560	-	41,560
<b>Scenario #4</b>	37,000	-	-	-	-	-	37,000	-	37,000
Local Tax Funding	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	35,000	-	-	-	-	-	35,000	-	35,000
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
<b>Proposed CIP</b>	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario #4</b>	-	-	-	1,950	9,950	-	11,900	-	11,900
General Obligation Bonds	-	-	-	1,950	9,950	-	11,900	-	11,900
<b>Braddock/Summerall/Supreme Intersection Improvements</b>									
<b>Proposed CIP</b>	-	-	2,100	-	-	-	2,100	-	2,100
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
<b>Scenario #4</b>	2,000	-	-	-	-	-	2,000	-	2,000
General Obligation Bonds	2,000	-	-	-	-	-	2,000	-	2,000

\*White sections indicate Proposed CIP funding; blue sections indicate scenario funding amendments

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)</b>									
Proposed CIP	-	-	12,100	20,000	-	-	32,100	-	32,100
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	12,100	10,000	-	-	22,100	-	22,100
NVTA 30% Local	-	-	-	5,000	-	-	5,000	-	5,000
<b>Scenario #4</b>	-	-	-	3,400	11,826	10,000	25,226	-	25,226
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30% Local	-	-	-	-	6,826	5,000	11,826	-	11,826
<b>Arcola Boulevard (Route 50 to Dulles West Boulevard)</b>									
<b>Scenario #4</b>	-	-	8,132	-	-	-	8,132	-	8,132
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	2,032	-	-	-	2,032	-	2,032
<b>Dulles West Boulevard (Arcola - Loudoun Co. Pkwy)</b>									
Proposed CIP	-	-	-	2,514	4,700	10,000	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	1,500	5,000	6,500	-	6,500
NVTA 30% Local	-	-	-	-	3,200	5,000	8,200	-	8,200
<b>Scenario #4</b>	-	-	8,100	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	8,100	6,600	-	-	14,700	-	14,700
<b>Dulles West Boulevard (Arcola - Northstar Boulevard)</b>									
Proposed CIP	-	-	-	-	7,126	36,550	43,676	-	43,676
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
Revenue Sharing	-	-	-	-	3,500	-	3,500	-	3,500
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 30% Local	-	-	-	-	3,626	4,450	8,076	-	8,076
<b>Scenario #4</b>	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
<b>Evergreen Mills Rd (Stone Springs - Arcola)</b>									
<b>Scenario #4</b>	-	-	-	-	-	10,400	10,400	-	10,400
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,400	5,400	-	5,400
<b>Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)</b>									
<b>Scenario #4</b>	-	-	-	-	-	19,051	19,051	-	19,051
Local Tax Funding \$0.02	-	-	-	-	-	15,000	15,000	-	15,000
NVTA 30% Local	-	-	-	-	-	4,051	4,051	-	4,051
<b>Evergreen Mills Rd (Northstar - Belmont Ridge)</b>									
<b>Scenario #4</b>	-	-	-	-	-	-	-	54,500	54,500
General Obligation Bonds	-	-	-	-	-	-	-	54,500	54,500
<b>Route 7 / Route 287 Interchange</b>									
<b>Scenario #4</b>	-	-	-	-	-	11,000	11,000	-	11,000
NVTA 70% Regional	-	-	-	-	-	11,000	11,000	-	11,000
<b>Route 7/ Route 690 Interchange</b>									
Proposed CIP	-	-	2,032	5,100	10,000	16,001	33,133	-	33,133
Local Tax Funding \$0.02	-	-	-	5,100	-	6,000	11,100	-	11,100
State Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 30% Local	-	-	2,032	-	5,000	5,001	12,033	-	12,033
<b>Scenario #4</b>	4,000	2,000	2,000	15,100	10,000	-	33,100	-	33,100
Local Tax Funding \$0.02	-	-	-	5,100	-	-	5,100	-	5,100
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	-	5,000	5,000	-	10,000	-	10,000
<b>Shellhorn Road</b>									
<b>Scenario #4</b>	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000
<b>Northstar Boulevard - Tall Cedars to Braddock</b>									
Proposed CIP	-	-	-	-	-	21,855	21,855	-	21,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	21,663	21,663	-	21,663
<b>Scenario #4</b>	-	-	-	-	-	10,855	10,855	-	10,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	10,663	10,663	-	10,663

**Scenario #4 Debt Ratio Analysis:**

Debt to Estimated Property Value <i>(Fiscal Policy Target = &lt;3%)</i>	2.01%	2.09%	2.14%	2.13%	2.06%	2.00%
Debt to Per Capita Income <i>(Fiscal Policy Target = &lt;8%)</i>	5.47%	5.49%	5.54%	5.47%	5.26%	5.06%
Debt Service to Expenditures <i>(Fiscal Policy Target =&lt;10%)</i>	7.85%	8.28%	8.63%	8.93%	8.64%	8.18%
Ten-Year Debt Payout Ratio <i>(Fiscal Policy Target=&gt;60%)</i>	63.45%	62.45%	62.20%	62.96%	63.72%	64.54%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$223,003,017	\$222,968,000	\$224,997,000	\$219,915,000	\$167,340,000	\$173,840,000
Remaining Debt Capacity	\$1,996,983	\$2,032,000	\$3,000	\$5,085,000	\$57,660,000	\$51,160,000

**Scenario #5 – HS-9 Accelerated/County Projects Deferred**

This scenario examined the acceleration of HS-9 without the deferral of ES-31.

**Funding plan amendments required to meet the FGOEDC requests and maintain compliance with the County’s debt ratios include:**

- **HS-9** is accelerated to FY 2018 for design (from FY 2019) and FY 2019 for construction (from FY 2020).
- The **Ashburn Recreation and Community Center** is deferred two years with design in FY 2019 (from FY 2017) using cash proffers, and construction in FY 2020 (from FY 2018) using cash proffers and debt financing.
- **Hanson Park** is deferred to FY 2020 (from FY 2017).
- Funding for the **Dulles Area Classroom Additions** is accelerated into FY 2017 (from FY 2019).
- Funding for the **Countywide Classroom Additions** remains in FY 2019 per the Proposed CIP.
- Funding for the **installation of synthetic turf** at the four high schools is accelerated three years into FY 2018 and FY 2019 (from FY 2021 and FY 2022).
- Funding for intersection improvements at **Braddock/Supreme/Summerall** is provided in FY 2018 (from FY 2019) using debt financing rather than \$0.02 local tax funding.
- Funding for the intersection improvements and widening of **Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard** is provided in FY 2018 and FY 2019 (from a future fiscal year) using debt financing.

**The transportation funding plan amendments re-allocate funding to high priority transportation projects requested by the FGOEDC. These funding amendments are the same in Scenarios 1-5 and include the following:**

- Arcola Boulevard from Route 50 to Dulles West Boulevard is funded in FY 2019.
- Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road is funded between FY 2020 and FY 2022.
- Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway is funded in FY 2019 and FY 2020.
- Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard is funded in FY 2022 to begin design, right-of-way acquisition and utility relocation.
- Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway is funded in FY 2022.
- Northstar Boulevard from Tall Cedars Parkway to Braddock Road is funded in FY 2022 to begin design, right-of-way acquisition, and utility relocation.
- The Route 7/287 Interchange is funded in FY 2022.
- The Route 7/690 Interchange is funded between FY 2017 and FY 2021.
- Shellhorn Road from Loudoun County Parkway to Moran Road is funded to begin design, right-of-way acquisition, and utility relocation from FY 2017 to FY 2020.

**Scenario #5 Funding Amendments**

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Ashburn Recreation &amp; Community Center</b>									
Proposed CIP	9,680	61,250	-	-	-	-	70,930	-	70,930
Cash Proffers	-	26,660	-	-	-	-	26,660	-	26,660
General Obligation Bonds	9,680	34,590	-	-	-	-	44,270	-	44,270
<b>Scenario #5</b>	-	-	10,500	66,250	-	-	76,750	-	76,750
Cash Proffers	-	-	10,500	16,160	-	-	26,660	-	26,660
General Obligation Bonds	-	-	-	50,090	-	-	50,090	-	50,090
<b>Hal &amp; Berni Hanson Regional Park</b>									
Proposed CIP	53,260	-	-	-	-	-	53,260	-	53,260
Cash Proffers	23,555	-	-	-	-	-	23,555	-	23,555
General Obligation Bonds	29,705	-	-	-	-	-	29,705	-	29,705
<b>Scenario #5</b>	-	-	-	59,655	-	-	59,655	-	59,655
Cash Proffers	-	-	-	23,555	-	-	23,555	-	23,555
General Obligation Bonds	-	-	-	36,100	-	-	36,100	-	36,100
<b>Classroom Additions - Dulles North &amp; South</b>									
Proposed CIP	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #5</b>	16,320	-	-	-	-	-	16,320	-	16,320
General Obligation Bonds	16,320	-	-	-	-	-	16,320	-	16,320
<b>Classroom Additions - TBD</b>									
Proposed CIP	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>Scenario #5</b>	-	-	17,695	-	-	-	17,695	-	17,695
General Obligation Bonds	-	-	17,695	-	-	-	17,695	-	17,695
<b>HS - 9 Dulles South</b>									
Proposed CIP	-	-	13,525	121,710	-	-	135,235	-	135,235
Local Tax Funding	-	-	3,000	12,425	-	-	15,425	-	15,425
General Obligation Bonds	-	-	10,525	109,285	-	-	119,810	-	119,810
<b>Scenario #5</b>	-	11,760	118,900	-	-	-	130,660	-	130,660
Local Tax Funding	-	3,500	10,000	-	-	-	13,500	-	13,500
General Obligation Bonds	-	8,260	108,900	-	-	-	117,160	-	117,160
<b>HS - Stadium Synthetic Turf &amp; Track Resurface</b>									
Proposed CIP	-	-	-	-	2,265	7,110	9,375	-	9,375
General Obligation Bonds	-	-	-	-	2,265	7,110	9,375	-	9,375
<b>Scenario #5</b>	-	4,360	4,550	-	-	-	8,910	-	8,910
General Obligation Bonds	-	4,360	4,550	-	-	-	8,910	-	8,910
<b>Braddock/Summerall/Supreme Intersection Improvements</b>									
Proposed CIP	-	-	2,100	-	-	-	2,100	-	2,100
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
<b>Scenarios #5</b>	-	2,080	-	-	-	-	2,080	-	2,080
General Obligation Bonds	-	2,080	-	-	-	-	2,080	-	2,080
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
Proposed CIP	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario #5</b>	-	1,800	9,200	-	-	-	11,000	-	11,000
General Obligation Bonds	-	1,800	9,200	-	-	-	11,000	-	11,000

\*White sections indicate Proposed CIP funding; blue sections indicate scenario funding amendments

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)</b>									
Proposed CIP	-	-	12,100	20,000	-	-	32,100	-	32,100
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	12,100	10,000	-	-	22,100	-	22,100
NVTA 30% Local	-	-	-	5,000	-	-	5,000	-	5,000
<b>Scenario #5</b>	-	-	-	3,400	11,826	10,000	25,226	-	25,226
Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	-
NVTA 70% Regional	-	-	-	3,400	-	-	3,400	-	3,400
NVTA 30% Local	-	-	-	-	6,826	5,000	11,826	-	11,826
<b>Arcola Boulevard (Route 50 to Dulles West Boulevard)</b>									
<b>Scenario #5</b>	-	-	8,132	-	-	-	8,132	-	8,132
Local Tax Funding \$0.02	-	-	2,100	-	-	-	2,100	-	2,100
NVTA 70% Regional	-	-	4,000	-	-	-	4,000	-	4,000
NVTA 30% Local	-	-	2,032	-	-	-	2,032	-	2,032
<b>Dulles West Boulevard (Arcola - Loudoun Co. Pkwy)</b>									
Proposed CIP	-	-	-	2,514	4,700	10,000	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	1,500	5,000	6,500	-	6,500
NVTA 30% Local	-	-	-	-	3,200	5,000	8,200	-	8,200
<b>Scenario #5</b>	-	-	8,100	9,114	-	-	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 70% Regional	-	-	8,100	6,600	-	-	14,700	-	14,700
<b>Dulles West Boulevard (Arcola - Northstar Boulevard)</b>									
Proposed CIP	-	-	-	-	7,126	36,550	43,676	-	43,676
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
Revenue Sharing	-	-	-	-	3,500	-	3,500	-	3,500
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 30% Local	-	-	-	-	3,626	4,450	8,076	-	8,076
<b>Scenario #5</b>	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
<b>Evergreen Mills Rd (Stone Springs - Arcola)</b>									
<b>Scenario #5</b>	-	-	-	-	-	10,400	10,400	-	10,400
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,400	5,400	-	5,400
<b>Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)</b>									
<b>Scenario #5</b>	-	-	-	-	-	19,051	19,051	-	19,051
Local Tax Funding \$0.02	-	-	-	-	-	15,000	15,000	-	15,000
NVTA 30% Local	-	-	-	-	-	4,051	4,051	-	4,051
<b>Evergreen Mills Rd (Northstar - Belmont Ridge)</b>									
<b>Scenario #5</b>	-	-	-	-	-	-	-	54,500	54,500
General Obligation Bonds	-	-	-	-	-	-	-	54,500	54,500
<b>Route 7 / Route 287 Interchange</b>									
<b>Scenario #5</b>	-	-	-	-	-	11,000	11,000	-	11,000
NVTA 70% Regional	-	-	-	-	-	11,000	11,000	-	11,000
<b>Route 7/ Route 690 Interchange</b>									
Proposed CIP	-	-	2,032	5,100	10,000	16,001	33,133	-	33,133
Local Tax Funding \$0.02	-	-	-	5,100	-	6,000	11,100	-	11,100
State Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 30% Local	-	-	2,032	-	5,000	5,001	12,033	-	12,033
<b>Scenario #5</b>	4,000	2,000	2,000	15,100	10,000	-	33,100	-	33,100
Local Tax Funding \$0.02	-	-	-	5,100	-	-	5,100	-	5,100
General Obligation Bonds	4,000	2,000	2,000	-	-	-	8,000	-	8,000
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 30% Local	-	-	-	5,000	5,000	-	10,000	-	10,000
<b>Shellhorn Road</b>									
<b>Scenario #5</b>	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000
<b>Northstar Boulevard - Tall Cedars to Braddock</b>									
Proposed CIP	-	-	-	-	-	21,855	21,855	-	21,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	21,663	21,663	-	21,663
<b>Scenario #5</b>	-	-	-	-	-	10,855	10,855	-	10,855
Cash Proffers	-	-	-	-	-	192	192	-	192
NVTA 70% Regional	-	-	-	-	-	10,663	10,663	-	10,663

**Scenario #5 Debt Ratio Analysis:**

Debt to Estimated Property Value <i>(Fiscal Policy Target = &lt;3%)</i>	2.01%	2.08%	2.13%	2.12%	2.06%	2.01%
Debt to Per Capita Income <i>(Fiscal Policy Target = &lt;8%)</i>	5.47%	5.49%	5.50%	5.45%	5.25%	5.09%
Debt Service to Expenditures <i>(Fiscal Policy Target =&lt;10%)</i>	7.85%	8.29%	8.63%	8.90%	8.60%	8.16%
Ten-Year Debt Payout Ratio <i>(Fiscal Policy Target=&gt;60%)</i>	63.44%	62.46%	62.43%	62.95%	63.56%	64.69%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$224,688,017	\$220,523,000	\$214,322,000	\$221,625,000	\$176,060,000	\$186,610,000
Remaining Debt Capacity	\$311,983	\$4,477,000	\$10,678,000	\$3,375,000	\$48,940,000	\$38,390,000

**Scenario #6 – Road Funding Amendments/No School Changes/No County Project Changes**

This scenario examined only changes to the Proposed CIP for amendments to the transportation projects requested by the FGOEDC. There are no changes to General Government or School projects from planned funding appropriations in the Proposed CIP. In this Scenario, funding changes were made to re-allocate available revenues to accommodate the highest priority transportation project requests, as identified by the FGOEDC. Funding plan amendments in this scenario include:

- **Arcola Boulevard from Route 50 to Dulles West Boulevard** in FY 2019 within planned appropriations from the Arcola Boulevard project in the Proposed CIP.
- **Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road** in FY 2020 and FY 2022 by re-allocating funding freed up from the acceleration of the Route 7/690 interchange and the deferral of Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard.
- Intersection improvements and widening of **Evergreen Mills Road from Belmont Ridge Road to Stone Springs Boulevard** in FY 2020 and FY 2021 using general obligation bonds.
- **Evergreen Mills Road from Stone Springs Boulevard to Loudoun County Parkway** in FY 2022 by re-allocating funding freed up from the acceleration of the Route 7/690 interchange and the acceleration of Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway.
- **Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway** in FY 2020 and FY 2021 by re-allocating funding from Arcola Boulevard from Dulles West to Evergreen Mills Road and the deferral of Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard.

- **Route 7/690 Interchange** between FY 2019 and FY 2021 by re-allocating funding from the Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road project in FY 2019 and FY 2020.
- **Route 7/287 Interchange** in FY 2022 from the deferral of Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard
- Funding the design, right-of-way acquisition, and utility relocation for **Shellhorn Road from Loudoun County Parkway to Moran Road** from FY 2017 to FY 2020 using general obligation bond financing and NVTAs 70% Regional funds.

In order to accommodate these high priority road funding requests, the following projects were delayed:

- Funding was deferred off of Dulles West Boulevard from Arcola Boulevard to Northstar Boulevard and re-allocated to:
  - Dulles West Boulevard from Arcola Boulevard to Loudoun County Parkway in FY 2021 (\$3,500,000 in Revenue Sharing funds and \$3,626,000 in matching MVTA 30% Local funds).
  - Arcola Boulevard from Dulles West Boulevard to Evergreen Mills Road in FY 2022 (\$23,100,000 in NVTAs 70% Regional funds).
  - Route 7/287 Interchange in FY 2022 (\$9,000,000 in \$0.02 local tax funding, \$2,000,000 in NVTAs 30% Local funds).
  - Evergreen Mills Road Widening project from Arcola Boulevard to Loudoun County Parkway in FY 2022 (\$2,450,000 in NVTAs 30% Local funds).
  - Funding for this section of Dulles West Boulevard is deferred to a future fiscal year.
- The request for funding for the widening of Evergreen Mills Road from Northstar Boulevard to Belmont Ridge Road is placed in a future fiscal year.

Funding is re-allocated for transportation projects to meet the Board's highest priority funding requests, as shown in the Scenario #6 funding table below.

PROJECTS	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	CIP TOTAL	Future	PROJECT TOTAL
<b>Arcola Boulevard (Dulles West Boulevard to Evergreen Mills)</b>									
Proposed CIP	-	-	12,100	20,000	-	-	32,100	-	32,100
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	12,100	10,000	-	-	22,100	-	22,100
NVTA 30% Local	-	-	-	5,000	-	-	5,000	-	5,000
<b>Scenario #6</b>	-	-	-	4,000	-	23,100	27,100	-	27,100
Local Tax Funding \$0.02	-	-	-	4,000	-	-	4,000	-	4,000
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
<b>Arcola Boulevard (Route 50 to Dulles West Boulevard)</b>									
<b>Scenario #6</b>	-	-	8,000	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	-	8,000	-	-	-	8,000	-	8,000
<b>Dulles West Boulevard (Arcola - Loudoun Co. Pkwy)</b>									
Proposed CIP	-	-	-	2,514	4,700	10,000	17,214	-	17,214
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	1,500	5,000	6,500	-	6,500
NVTA 30% Local	-	-	-	-	3,200	5,000	8,200	-	8,200
<b>Scenario #6</b>	-	-	-	6,514	11,826	-	18,340	-	18,340
Cash Proffers	-	-	-	2,514	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	5,000	-	5,000	-	5,000
NVTA 70% Regional	-	-	-	4,000	-	-	4,000	-	4,000
NVTA 30% Local	-	-	-	-	6,826	-	6,826	-	6,826
<b>Dulles West Boulevard (Arcola - Northstar Boulevard)</b>									
Proposed CIP	-	-	-	-	7,126	36,550	43,676	-	43,676
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
Revenue Sharing	-	-	-	-	3,500	-	3,500	-	3,500
NVTA 70% Regional	-	-	-	-	-	23,100	23,100	-	23,100
NVTA 30% Local	-	-	-	-	3,626	4,450	8,076	-	8,076
<b>Scenario #6</b>	-	-	-	-	-	-	-	45,400	45,400
General Obligation Bonds	-	-	-	-	-	-	-	45,400	45,400
<b>Evergreen Mills Rd (Belmont Ridge - Stone Springs)</b>									
Proposed CIP	-	-	-	-	-	-	-	12,000	12,000
General Obligation Bonds	-	-	-	-	-	-	-	12,000	12,000
<b>Scenario #6</b>	-	-	-	2,000	10,000	-	12,000	-	12,000
General Obligation Bonds	-	-	-	2,000	10,000	-	12,000	-	12,000
<b>Evergreen Mills Rd (Stone Springs - Arcola)</b>									
<b>Scenario #6</b>	-	-	-	-	-	10,000	10,000	-	10,000
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	5,000	5,000	-	5,000
<b>Evergreen Mills Rd (Arcola - Loudoun Co. Pkwy)</b>									
<b>Scenario #6</b>	-	-	-	-	-	18,451	18,451	-	18,451
Local Tax Funding \$0.02	-	-	-	-	-	6,000	6,000	-	6,000
State Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 30% Local	-	-	-	-	-	7,451	7,451	-	7,451
<b>Evergreen Mills Rd (Northstar - Belmont Ridge)</b>									
<b>Scenario #6</b>	-	-	-	-	-	-	-	54,000	54,000
General Obligation Bonds	-	-	-	-	-	-	-	54,000	54,000
<b>Route 7 / Route 287 Interchange</b>									
<b>Scenario #6</b>	-	-	-	-	-	11,000	11,000	-	11,000
Local Tax Funding \$0.02	-	-	-	-	-	9,000	9,000	-	9,000
NVTA 30% Local	-	-	-	-	-	2,000	2,000	-	2,000
<b>Route 7/ Route 690 Interchange</b>									
Proposed CIP	-	-	2,032	5,100	10,000	16,001	33,133	-	33,133
Local Tax Funding \$0.02	-	-	-	5,100	-	6,000	11,100	-	11,100
State Revenue Sharing	-	-	-	-	5,000	5,000	10,000	-	10,000
NVTA 30% Local	-	-	2,032	-	5,000	5,001	12,033	-	12,033
<b>Scenario #6</b>	-	-	6,132	17,100	10,000	-	33,232	-	33,232
Local Tax Funding \$0.02	-	-	-	1,100	-	-	1,100	-	1,100
State Revenue Sharing	-	-	-	5,000	5,000	-	10,000	-	10,000
NVTA 70% Regional	-	-	4,100	6,000	-	-	-	-	-
NVTA 30% Local	-	-	2,032	5,000	5,000	-	12,032	-	12,032
<b>Shellhorn Road</b>									
<b>Scenario #6</b>	8,000	4,000	4,000	8,000	-	-	24,000	-	24,000
General Obligation Bonds	8,000	-	-	-	-	-	8,000	-	8,000
NVTA 70% Regional	-	4,000	4,000	8,000	-	-	16,000	-	16,000

**Scenario #6 Debt Ratio Analysis:**

Debt to Estimated Property Value (Fiscal Policy Target = <3%)	2.01%	2.08%	2.13%	2.10%	2.04%	2.00%
Debt to Per Capita Income (Fiscal Policy Target = <8%)	5.47%	5.47%	5.52%	5.40%	5.20%	5.06%
Debt Service to Expenditures (Fiscal Policy Target =<10%)	7.85%	8.28%	8.62%	8.91%	8.53%	8.10%
Ten-Year Debt Payout Ratio (Fiscal Policy Target=>60%)	63.45%	62.48%	62.30%	63.03%	63.81%	64.47%
<b>Annual Debt Issuance Guideline:</b>						
Debt Issuance Guideline	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000	\$225,000,000
Debt Issuance Projected	\$223,048,017	\$218,023,000	\$224,472,000	\$197,985,000	\$170,985,000	\$192,510,000
Remaining Debt Capacity	\$1,951,983	\$6,977,000	\$528,000	\$27,015,000	\$54,015,000	\$32,490,000

**FY 2017 Capital Project Appropriations**

The Finance/Government Operations and Economic Development Committee makes specific recommendations to the full Board regarding FY 2017 funding appropriations for the Adopted FY 2017 Budget and FY 2017 Appropriations Resolution. Tables 1, 2 and 3 below outline the projects proposed for funding appropriations in FY 2017 for the Proposed CIP without any of the requested funding amendments made by the FGOEDC. The FY 2017 Proposed CIP Appropriation Tables take into account:

- The \$8 million in general obligation bond financing requested in FY 2017 for the Shellhorn Road project is added into Table 3 for the Transportation projects.
- The \$3 million reduction in required appropriations for the MS-7 project is provided in Table 1 for School projects.

Summary appropriation tables for FY 2017 projects, similar to Tables 1-3 below, are provided for each of the funding scenarios presented to the FGOEDC as Attachment 4 to this item. This information is provided to allow the Committee to see the funding appropriations for FY 2017 for the capital projects presented in each of the funding scenarios.

Please note, the tables provided in Attachment #4 do not contain reductions to appropriations for the ES-28, HS-11 and Modular Classrooms at Champe High School as the official request to accelerate funding for these projects in FY 2016 from the Loudoun County Public Schools has not been received yet. The School Board will be meeting on this potential future request at their March 8, 2016 Meeting.

Without formal approval of the funding adjustment by the Board, the appropriation tables provided maintain funding for these three projects as provided in the Proposed CIP. Adjustments to the appropriations tables will be made for the Board of Supervisors' Budget Worksession review of the CIP, and final adjustments will be made for the adoption of the FY 2017 Adopted Budget and Appropriations Resolution in April of 2016 if the requests are received.

**Table 1. Proposed CIP FY 2017 School Appropriations**

FY 2017 Proposed Public School Projects		
Project Name	Total	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
ES-31 Dulles North Elementary School	\$36,355,000	12-9
MS-7 Dulles South Middle School	\$57,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$259,610,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$242,625,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$259,610,000</b>	

**Table 2. Proposed CIP FY 2017 General Government Appropriations**

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
<b>Parks, Recreation and Culture</b>		
Ashburn Recreation and Community Center	\$9,680,000	10-29
Ashburn Senior Center	\$8,285,000	10-30
Hal and Berni Hanson Regional Park	\$53,260,000	10-35
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$178,643,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$56,885,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$32,013,462	
<b>TOTAL:</b>	<b>\$178,643,565</b>	

**Table 3. Proposed CIP FY 2017 Transportation Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
Crosstrail Boulevard	\$2,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$118,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$8,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$118,286,138</b>	

**DRAFT MOTIONS FOR THE PROPOSED FY 2017 – FY 2022 CIP/FY 2017 CAPITAL BUDGET:**

1. I move the Finance, Government Operations and Economic Development Committee recommend that Scenario # [insert Scenario Number here] be recommended for consideration by the Board of Supervisors for the FY 2017 – FY 2022 Capital Improvement Program budget, including FY 2017 estimated revenues and appropriations as reflected in Attachment #4 for Scenario # [Insert Scenario Number here].

-OR-

2. I move the Finance, Government Operations and Economic Development Committee recommend that Scenario # [insert Scenario Number here] as Amended be recommended for consideration by the Board of Supervisors for the FY 2017 – FY 2022 Capital Improvement Program budget, including any necessary FY 2017 estimated revenues and appropriations to carry out these amendments to Scenario # [Insert Scenario Number here].

-OR-

3. I move an alternate motion.

***FGOEDC Review of Other Funds***

As part of the review of the Proposed CIP deliberations, the FGOEDC also reviews and provides funding recommendations for the following Funds:

**Capital Asset Preservation Program** (Volume 2, Pages 14-2 to 14-3)

**Computer System Replacement Fund** (Volume 2, Page 14-7)

**Public Facilities Fund** (Volume 2, Pages 14-19 to 14-24)

Funding in the Public Facilities Fund varies from CIP scenario to CIP scenario, as cash proffers are utilized differently in FY 2017 depending on the preferred FGOEDC CIP scenario. The funding tables for FY 2017 appropriations related to the Public Facilities Fund are provided in Attachment 4 for each funding option scenario, as the cash proffer funding proposed for appropriation in FY 2017 depends on the funding plan provided for each scenario.

Please note that there are no motions within this item for the Public Facilities Fund since any approved CIP motion by the FGOEDC will establish the amount and use of these cash proffers (i.e. the Public Facilities Fund) to support their recommended CIP scenario to the Board of Supervisors.

Planned appropriations in FY 2017 do not change in the different funding option scenarios for the Capital Asset Preservation Program and the Computer System Replacement Fund. These programs can be reviewed and a motion made to by the Committee to recommend the adoption of these two programs to the Board of Supervisors, as provided on the following pages.

**FY 2017 Capital Asset Preservation Program Fund Motion (Page 14-2 to 14-3)**

**Fund Financial Summary**

	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Total</b>
<b>Revenues</b>							
<i>Local Tax Funding</i>							
General	\$6,763,000	\$7,100,000	\$7,455,000	\$7,825,000	\$8,215,000	\$8,625,000	\$45,983,000
Government Schools*	8,992,500	12,688,000	13,973,050	14,224,500	14,424,250	14,660,500	78,962,800
<b>Subtotal</b>	<b>\$15,755,500</b>	<b>\$19,788,000</b>	<b>\$21,428,050</b>	<b>\$22,049,500</b>	<b>\$22,639,250</b>	<b>\$23,285,500</b>	<b>\$124,945,800</b>
<i>Other Revenue Sources</i>							
Proffers (Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Court Recordation Fees	100,000	100,000	100,000	100,000	100,000	100,000	600,000
<b>Subtotal</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$600,000</b>
<b>Total Sources of Funds</b>	<b>\$15,855,500</b>	<b>\$19,888,000</b>	<b>\$21,528,050</b>	<b>\$22,149,500</b>	<b>\$22,739,250</b>	<b>\$23,385,500</b>	<b>\$125,545,800</b>
<b>Expenditures</b>							
<i>General Government</i>							
CAPP	\$6,763,000	\$7,100,000	\$7,455,000	\$7,825,000	\$8,215,000	\$8,625,000	\$45,983,000
Courts Maintenance	100,000	100,000	100,000	100,000	100,000	100,000	600,000
<b>Subtotal</b>	<b>\$6,863,000</b>	<b>\$7,200,000</b>	<b>\$7,555,000</b>	<b>\$7,925,000</b>	<b>\$8,315,000</b>	<b>\$8,725,000</b>	<b>\$46,583,000</b>
Schools*	\$8,992,500	\$12,688,000	\$13,973,050	\$14,224,500	\$14,424,250	\$14,660,500	\$78,962,800
<b>Total Expenditures</b>	<b>15,855,500</b>	<b>19,888,000</b>	<b>21,528,050</b>	<b>22,149,500</b>	<b>22,739,250</b>	<b>23,385,500</b>	<b>125,545,800</b>

**DRAFT MOTIONS FOR PROPOSED FY 2017 CAPP FUND:**

I move the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors adopt the FY 2017 Capital Asset Preservation Program Fund in the amount of \$15,855,500.

I further move the Capital Asset Preservation Program Fund be funded using \$15,755,500 in local tax funding and \$100,000 in Court Recordation Fees. The Capital Asset Preservation Program Fund shall be \$6,863,000 for the County General Government and \$8,992,500 for the Loudoun County Public Schools.

-OR-

I move an alternative motion.

**FY 2017 Computer System Replacement Fund Motion (Page 14-7)**

**FY 2017 – FY 2022 Computer Replacement Fund Contribution Requirements for Minor Replacements**

<b>System Replacement Category</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Network Equipment	\$600,000	\$700,000	\$800,000	\$900,000	\$900,000	\$900,000
Windows and Enterprise Servers	500,000	500,000	500,000	500,000	500,000	500,000
Enterprise Storage	320,000	320,000	320,000	320,000	320,000	320,000
Application Software	20,000	20,000	20,000	20,000	20,000	20,000
Video Conferencing	100,000	25,000	25,000	25,000	25,000	25,000
Network Security	260,000	260,000	260,000	260,000	260,000	260,000
<b>FY 2017 – FY 2022 Annual Required Contribution</b>	<b>\$1,800,000</b>	<b>\$1,825,000</b>	<b>\$1,925,000</b>	<b>\$2,025,000</b>	<b>\$2,025,000</b>	<b>\$2,025,000</b>

**Minor Computer System Replacement Fund Financial Summary (in Thousands)**

	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Total</b>
<b>Revenues</b>							
Local Tax Funding	\$1,800	\$1,825	\$1,925	\$2,025	\$2,025	\$2,025	\$11,625
<b>Total Sources of Funds</b>	<b>\$1,800</b>	<b>\$1,825</b>	<b>\$1,925</b>	<b>\$2,025</b>	<b>\$2,025</b>	<b>\$2,025</b>	<b>\$11,625</b>
<b>Expenditures</b>							
Minor Computer System Replacement	\$1,800	\$1,825	\$1,925	\$2,025	\$2,025	\$2,025	\$11,625
<b>Total Expenditures</b>	<b>\$1,800</b>	<b>\$1,825</b>	<b>\$1,925</b>	<b>\$2,025</b>	<b>\$2,025</b>	<b>\$2,025</b>	<b>\$11,625</b>

**DRAFT MOTIONS FOR PROPOSED FY 2017 COMPUTER REPLACEMENT FUND:**

I move the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors adopt the FY 2017 Computer System Replacement Fund in the amount of \$1,800,000. I further move the Computer System Replacement Fund be funded using \$1,800,000 in local tax funding.

-OR-

I move an alternate motion.

**ATTACHMENTS:**

1. FY 2017 – FY 2022 Proposed CIP Program Summary Funding Tables
2. Responses to Chair Randall’s CIP Questions
3. School Land Memo
4. FY 2017 Appropriations for the CIP and Other Funds for Scenarios #1-6
5. CIP Funding Option Scenario Summary Tables

<b>Capital Improvement Program Summary</b>											
<b>Schedule of Appropriations</b>											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Budgetary Cost</b>											
<b>General Capital Projects Fund</b>											
Administration		306,317	-	1,000	1,480	13,500	-	-	15,980	-	322,297
General Government		140,269	24,270	20,690	18,540	26,845	21,845	19,125	131,315	308,595	580,179
Health and Welfare		-	-	2,025	-	-	-	2,375	4,400	6,145	10,545
Parks, Recreation and Culture		18,700	73,398	63,250	-	7,100	13,250	69,800	226,798	-	245,498
Public Safety		188,198	81,840	7,000	4,900	27,260	26,480	12,340	159,820	54,020	402,038
Transportation		278,414	110,285	84,448	101,824	150,391	110,581	118,860	676,389	46,604	1,001,407
General Capital Projects Total		931,898	289,793	178,413	126,744	225,096	172,156	222,500	1,214,702	415,364	2,561,964
<b>School Capital Projects Fund</b>											
Elementary Schools		1,915	75,125	-	35,390	4,545	41,535	5,280	161,875	-	163,790
Middle Schools		-	60,820	-	-	-	-	-	60,820	-	60,820
High Schools		3,045	126,665	-	13,805	121,710	52,365	7,110	321,655	-	324,700
Other School Projects		-	-	-	-	-	9,570	-	9,570	-	9,570
School Capital Projects Total		4,960	262,610	-	49,195	126,255	103,470	12,390	553,920	-	558,880
Budgetary Cost		936,858	552,403	178,413	175,939	351,351	275,626	234,890	1,768,622	415,364	3,120,844
<b>Funding Source</b>											
Local Tax Funding		204,554	32,805	18,710	24,470	35,210	32,155	27,405	170,755	85,685	460,994
Local Tax Funding - Roads		18,935	15,000	15,000	15,000	15,000	15,000	15,000	90,000	6,600	115,535
Fund Balance		88,794	10,000	-	-	-	-	-	10,000	-	98,794
General Obligation Bonds		98,825	302,510	38,590	59,815	183,350	135,190	105,250	824,705	283,735	1,207,265
Lease Revenue Financing		258,503	70,600	8,005	1,830	35,890	10,700	2,375	129,400	11,340	399,243
State Grant		36,593	500	500	500	500	500	500	3,000	2,000	41,593
CMAQ		-	3,821	-	3,440	-	-	5,400	12,661	-	12,661
RSTP		10,122	12,421	-	1,976	8,201	9,700	4,500	36,798	-	46,920
State Revenue Sharing		15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	5,375	81,206
NVTA 70% Regional		88,564	38,760	39,881	41,040	42,239	43,480	44,763	250,163	-	338,727
NVTA 30% Local		36,486	16,405	16,878	17,368	17,877	18,401	18,944	105,873	18,629	160,988
Cash Proffers		19,152	38,271	30,349	-	2,584	-	253	71,457	-	90,609
In Kind Proffers		51,409	-	-	-	-	-	-	-	-	51,409
Fees		1,471	1,310	500	500	500	500	500	3,810	2,000	7,281
Local Gasoline Tax		2,484	-	-	-	-	-	-	-	-	2,484
Proceeds from Land Sale		5,135	-	-	-	-	-	-	-	-	5,135
Total Funding Source		936,858	552,403	178,413	175,939	351,351	275,626	234,890	1,768,622	415,364	3,120,844



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>General Capital Projects Fund</b>											
<b>Budgetary Cost</b>											
Administration		306,317	0	1,000	1,480	13,500	0	0	15,980	0	322,297
General Government		140,269	24,270	20,690	18,540	26,845	21,845	19,125	131,315	308,595	580,179
Health and Welfare		0	0	2,025	0	0	0	2,375	4,400	6,145	10,545
Parks, Recreation and Culture		18,700	73,398	63,250	0	7,100	13,250	69,800	226,798	0	245,498
Public Safety		188,198	81,840	7,000	4,900	27,260	26,480	12,340	159,820	54,020	402,038
Transportation		278,414	110,285	84,448	101,824	150,391	110,581	118,860	676,389	46,604	1,001,407
Budgetary Cost		931,898	289,793	178,413	126,744	225,096	172,156	222,500	1,214,702	415,364	2,561,964
<b>Funding Source</b>											
Local Tax Funding		204,554	20,700	18,710	21,190	22,785	25,345	22,125	130,855	85,685	421,094
Local Tax Funding - Roads		18,935	15,000	15,000	15,000	15,000	15,000	15,000	90,000	6,600	115,535
Fund Balance		88,794	10,000	0	0	0	0	0	10,000	0	98,794
General Obligation Bonds		93,865	56,885	38,590	13,900	69,520	38,530	98,140	315,565	283,735	693,165
Lease Revenue Financing		258,503	70,600	8,005	1,830	35,890	10,700	2,375	129,400	11,340	399,243
State Grant		36,593	500	500	500	500	500	500	3,000	2,000	41,593
CMAQ		-	3,821	0	3,440	0	0	5,400	12,661	0	12,661
RSTP		10,122	12,421	0	1,976	8,201	9,700	4,500	36,798	0	46,920
State Revenue Sharing		15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	5,375	81,206
NVTA 70% Regional		88,564	38,760	39,881	41,040	42,239	43,480	44,763	250,163	0	338,727
NVTA 30% Local		36,486	16,405	16,878	17,368	17,877	18,401	18,944	105,873	18,629	160,988
Cash Proffers		19,152	33,391	30,349	0	2,584	0	253	66,577	0	85,729
In Kind Proffers		51,409	0	0	0	0	0	0	0	0	51,409
Fees		1,471	1,310	500	500	500	500	500	3,810	2,000	7,281
Local Gasoline Tax		2,484	0	0	0	0	0	0	0	0	2,484
Proceeds from Land Sale		5,135	0	0	0	0	0	0	0	0	5,135
Total Funding Source		931,898	289,793	178,413	126,744	225,096	172,156	222,500	1,214,702	415,364	2,561,964



Capital Improvement Program by Functional Area Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Administration</b>											
<b>Projects</b>											
Land Acquisition Fund		247,317	-	1,000	1,480	1,500	-	-	3,980	-	251,297
Major Computer Systems		59,000	-	-	-	12,000	-	-	12,000	-	71,000
Budgetary Cost		306,317	-	1,000	1,480	13,500	-	-	15,980	-	322,297
<b>Funding Source</b>											
Local Tax Funding		95,316	-	1,000	1,000	1,500	-	-	3,500	-	98,816
Fund Balance		76,934	-	-	-	-	-	-	-	-	76,934
General Obligation Bonds		52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing		23,730	-	-	480	12,000	-	-	12,480	-	36,210
Proffers (Cash)		1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)		51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance		4,598	-	-	-	-	-	-	-	-	4,598
Total Funding Source		306,317	-	1,000	1,480	13,500	-	-	15,980	-	322,297



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>General Government</b>											
<b>Projects</b>											
Capital Project Management		60,648	8,810	8,835	9,080	9,335	9,535	9,945	55,540	41,985	158,173
Consolidated Shops & Warehouse		31,000	-	-	-	4,000	3,500	-	7,500	-	38,500
General Office Space Purchase		5,500	8,500	-	-	-	-	-	8,500	-	14,000
General Office Space - Sycolin Rd		-	-	-	-	-	-	-	-	234,910	234,910
Landfill Debt Service		1,471	1,310	-	-	-	-	-	1,310	-	2,781
Landfill Reclamation Project		15,500	-	5,980	-	-	-	-	5,980	-	21,480
Landfill Sequence V Closure		-	-	-	1,350	5,060	-	-	6,410	-	6,410
Storm Water Management		25,850	3,500	3,675	5,860	6,150	6,460	6,780	32,425	21,600	79,875
Water/Wastewater Fund		300	2,150	2,200	2,250	2,300	2,350	2,400	13,650	10,100	24,050
Budgetary Cost		140,269	24,270	20,690	18,540	26,845	21,845	19,125	131,315	308,595	580,179
<b>Funding Source</b>											
Local Tax Funding		96,098	14,460	14,710	17,190	17,785	18,345	19,125	101,615	73,685	271,398
Fund Balance		700	-	-	-	-	-	-	-	-	700
General Obligation Bonds		-	-	-	-	-	-	-	-	234,910	234,910
Lease Revenue Financing		41,200	8,500	5,980	1,350	9,060	3,500	-	28,390	-	69,590
Proffers (Cash)		800	-	-	-	-	-	-	-	-	800
Fees		1,471	1,310	-	-	-	-	-	1,310	-	2,781
Total Funding Source		140,269	24,270	20,690	18,540	26,845	21,845	19,125	131,315	308,595	580,179



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Health and Welfare</b>											
<b>Projects</b>											
Adolescent Independent Living Residence		-	-	-	-	-	-	-	-	6,145	6,145
DS Group Residence - Eastern Loudoun		-	-	-	-	-	-	2,375	2,375	-	2,375
DS Group Residence - Purcellville		-	-	2,025	-	-	-	-	2,025	-	2,025
Budgetary Cost		-	-	2,025	-	-	-	2,375	4,400	6,145	10,545
<b>Funding Source</b>											
Lease Revenue Financing		-	-	2,025	-	-	-	2,375	4,400	6,145	10,545
Total Funding Source		-	-	2,025	-	-	-	2,375	4,400	6,145	10,545

Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Parks, Recreation and Culture</b>											
<b>Projects</b>											
Ashburn Recreation and Community Center		-	9,680	61,250	-	-	-	-	70,930	-	70,930
Ashburn Senior Center		-	8,285	-	-	-	-	-	8,285	-	8,285
Brambleton Library		-	-	-	-	7,100	-	-	7,100	-	7,100
Claude Moore Rec Center Pool Expansion		-	-	2,000	-	-	-	-	2,000	-	2,000
Fields Farm Park		1,860	-	-	-	-	3,350	23,700	27,050	-	28,910
Franklin Park to Purcellville Trail		520	-	-	-	-	-	5,000	5,000	-	5,520
Hal and Berni Hanson Regional Park		8,940	53,260	-	-	-	-	-	53,260	-	62,200
Lovettsville Community Center Replacement		7,380	2,000	-	-	-	-	-	2,000	-	9,380
STEM Library		-	-	-	-	-	5,900	41,100	47,000	-	47,000
Town of Leesburg - Veteran's Park		-	-	-	-	-	4,000	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park		-	173	-	-	-	-	-	173	-	173
Budgetary Cost		18,700	73,398	63,250	-	7,100	13,250	69,800	226,798	-	245,498
<b>Funding Source</b>											
Local Tax Funding		1,110	-	-	-	-	4,000	-	4,000	-	5,110
Fund Balance		3,360	-	-	-	-	-	-	-	-	3,360
General Obligation Bonds		-	39,385	34,590	-	-	9,250	69,800	153,025	-	153,025
Lease Revenue Financing		5,380	2,000	-	-	7,030	-	-	9,030	-	14,410
Proffers (Cash)		3,850	32,013	28,660	-	70	-	-	60,743	-	64,593
Proceeds from Land Sale		5,000	-	-	-	-	-	-	-	-	5,000
Total Funding Source		18,700	73,398	63,250	-	7,100	13,250	69,800	226,798	-	245,498



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Public Safety</b>											
<b>Projects</b>											
Adult Detention Center Phase III		95,710	-	-	-	-	-	-	-	-	95,710
Courts Complex Phase III		22,310	57,100	-	-	7,800	-	-	64,900	-	87,210
F&R - Alerting Systems		740	-	-	-	-	-	-	-	-	740
F&R - Capital Apparatus		30,073	3,000	3,000	3,000	3,000	3,000	3,000	18,000	12,000	60,073
F&R - Station #04 - Round Hill Replacement		-	-	-	1,900	13,760	-	-	15,660	-	15,660
F&R - Station #07 - Aldie Replacement		14,860	-	4,000	-	-	-	-	4,000	-	18,860
F&R - Station #08 - Philomont Replacement		-	-	-	-	-	-	2,200	2,200	13,725	15,925
F&R - Station #10 - Lucketts Replacement		11,490	1,240	-	-	-	-	-	1,240	-	12,730
F&R - Station #12 - Lovettsville Replacement		1,000	13,500	-	-	-	-	-	13,500	-	14,500
F&R - Station #20 - Leesburg VFC Expansion		-	4,000	-	-	-	-	-	4,000	-	4,000
F&R - Station #28 - Route 606 Station		-	-	-	-	-	-	-	-	19,010	19,010
F&R - Station #29 - Leesburg South Station		-	-	-	-	2,200	15,400	-	17,600	-	17,600
F&R - Training Academy Expansion		-	-	-	-	-	880	6,630	7,510	-	7,510
F&R - Training Tower		-	-	-	-	500	-	-	500	-	500
F&R - Vehicle Annex		-	-	-	-	-	-	510	510	4,090	4,600
Juvenile Detention Center Phase I		12,015	3,000	-	-	-	-	-	3,000	-	15,015
Juvenile Detention Center Phase II		-	-	-	-	-	-	-	-	5,195	5,195
Juvenile Probation Residence		-	-	-	-	-	7,200	-	7,200	-	7,200
Budgetary Cost		188,198	81,840	7,000	4,900	27,260	26,480	12,340	159,820	54,020	402,038
<b>Funding Source</b>											
Local Tax Funding		10,330	4,240	3,000	3,000	3,500	3,000	3,000	19,740	12,000	42,070
General Obligation Bonds		38,210	17,500	4,000	1,900	15,960	16,280	9,340	64,980	36,825	140,015
Lease Revenue Financing		125,728	60,100	-	-	7,800	7,200	-	75,100	5,195	206,023
State Grant		13,930	-	-	-	-	-	-	-	-	13,930
Total Funding Source		188,198	81,840	7,000	4,900	27,260	26,480	12,340	159,820	54,020	402,038

<b>Capital Improvement Program by Functional Area</b>											
<b>Schedule of Appropriations</b>											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Transportation</b>											
<b>Projects</b>											
Arcola Blvd	-	-	-	-	12,100	20,000	-	-	32,100	-	32,100
Atlantic Blvd Pedestrian Improvements	-	-	-	-	-	-	-	6,061	6,061	-	6,061
Belmont Ridge Rd (Gloucester to Hay)	48,015	13,015	-	-	-	-	-	-	13,015	-	61,030
Belmont Ridge Rd (Truro Parish to Crosoi)	22,863	-	15,000	-	-	-	-	-	15,000	-	37,863
Braddock/Summerall/Supreme Intersec	-	-	-	-	2,100	-	-	-	2,100	-	2,100
Crosstrail Blvd	31,300	2,000	-	-	-	41,560	-	-	43,560	-	74,860
Farmwell Rd (Smith Switch to Ashburn Rc	7,864	-	10,000	7,000	-	-	-	-	17,000	-	24,864
George Washington Blvd Overpass	1,367	4,132	-	1,976	8,201	8,500	3,000	25,809	-	27,176	
Glascook Road (east of Arcola Blvd)	-	-	-	-	2,514	4,700	10,000	17,214	-	17,214	
Glascook Road (west of Arcola Blvd)	-	-	-	-	-	7,126	36,550	43,676	-	43,676	
Gum Spring/Evergreen Mills/Belmont Ridg	-	-	-	-	-	-	-	-	12,000	-	12,000
Loudoun County Pkwy	31,000	-	-	-	-	-	-	-	-	-	31,000
Moorefield Blvd	-	-	-	4,200	-	-	-	-	4,200	-	4,200
Mooreview Pkwy	6,300	1,579	-	-	-	-	-	-	1,579	-	7,879
Northstar Blvd - Route 50 to Tall Cedars	5,432	-	20,560	10,000	-	-	-	-	30,560	-	35,992
Northstar Blvd - Route 50 to Shreveport	11,459	10,000	11,081	27,440	-	-	-	-	48,521	-	59,980
Northstar Blvd - Tall Cedars to Braddock	-	-	-	-	-	-	-	21,855	21,855	-	21,855
Northstar/Belmont Ridge Traffic Signal	35	510	-	-	-	-	-	-	510	-	545
Prentice Rd	-	9,000	-	-	-	20,000	60,650	-	89,650	-	89,650
Route 15 Bypass/ Battlefield Pkwy	-	-	2,000	-	-	-	-	-	2,000	-	2,000
Route 15 Bypass/ Edwards Ferry Rd	2,000	-	-	-	-	-	1,200	1,500	2,700	-	4,700
Route 606 Widening	32,912	8,573	-	-	-	-	-	-	8,573	-	41,485
Route 7/ Battlefield Pkwy	13,000	38,760	6,240	-	-	-	-	-	45,000	-	58,000
Route 7/ Route 690 Interchange	1,500	-	-	2,032	5,100	10,000	16,001	33,133	-	-	34,633
Route 9/ Route 287 Roundabout	1,228	-	-	-	-	-	-	-	-	10,750	11,978
Shaw Rd	-	-	2,622	-	-	-	-	-	2,622	-	2,622
Sterling Blvd Extension	14,101	10,028	-	-	-	-	-	-	10,028	-	24,129
Waxpool/Loudoun County Pkwy Intersec	1,235	1,146	3,489	-	-	-	-	-	4,635	-	5,870
Waxpool/Smith Switch/Farmwell Rd Inters	-	-	-	4,300	-	-	-	-	4,300	-	4,300
Westwind Dr (State Street to Ladbrook)	-	-	-	8,000	35,696	-	-	-	43,696	-	43,696
Woodgrove & Fields Farm Rd	3,815	-	2,500	-	-	-	-	-	2,500	-	6,315
Roads Subtotal:	235,426	98,743	73,492	79,148	133,071	92,176	94,967	571,597	22,750	-	829,773
Contingency - Sidewalk	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	-	6,000
Contingency - Traffic Calming	-	100	100	100	100	100	100	100	600	-	600
Contingency - Traffic Signal	-	500	500	500	500	500	500	500	3,000	-	3,000
Contingency Subtotal:	-	1,600	1,600	1,600	1,600	1,600	1,600	1,600	9,600	-	9,600
Town of Hamilton Pedestrian Improverem	-	566	-	-	-	-	-	-	566	-	566
Town of Hillsboro Pedestrian Safety	-	-	4,800	-	-	-	-	-	4,800	-	4,800
Town of Leesburg Battlefield Pkwy	-	-	1,000	-	-	-	-	-	1,000	-	1,000
Town of Leesburg NVTA Local Distributio	5,591	2,036	2,099	2,165	2,234	2,304	2,377	13,215	10,964	-	29,770
Town of Middleburg Crosswalk Project	1,205	585	-	-	-	-	-	-	585	-	1,790
Town of Purcellville NVTA Local Distributi	1,169	444	457	471	486	501	516	2,875	2,290	-	6,334
Towns - NVTA 30% Local Subtotal:	7,965	3,631	8,356	2,636	2,720	2,805	2,893	23,041	13,254	-	44,260
Transit Buses (2)	32,523	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	-	42,523
Leesburg Area Park and Ride Lot	2,500	1,490	-	-	-	-	-	1,490	-	-	3,990
Metro Capital Contribution	-	-	-	12,000	12,000	13,000	13,000	50,000	-	-	50,000
Metro Station Area Pedestrian Improvem	-	-	-	-	-	-	5,400	5,400	6,600	-	12,000
NEPP	-	-	-	2,000	-	-	-	-	2,000	-	2,000
One Loudoun Park and Ride Lot	-	-	-	3,290	-	-	-	3,290	-	-	3,290
Western Loudoun Park and Ride Lot	-	3,821	-	150	-	-	-	3,971	-	-	3,971
Transit Subtotal:	35,023	6,311	1,000	18,440	13,000	14,000	19,400	72,151	10,600	-	117,774
<b>Transportation Budgetary Cost</b>	<b>278,414</b>	<b>110,285</b>	<b>84,448</b>	<b>101,824</b>	<b>150,391</b>	<b>110,581</b>	<b>118,860</b>	<b>676,389</b>	<b>46,604</b>	<b>-</b>	<b>1,001,407</b>



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Transportation</b>											
<b>Funding Source</b>											
Local Tax Funding		1,700	2,000	-	-	-	-	-	2,000	-	3,700
Local Tax Funding - Roads		18,935	15,000	15,000	15,000	15,000	15,000	15,000	90,000	6,600	115,535
Fund Balance		7,800	10,000	-	-	-	-	-	10,000	-	17,800
General Obligation Bonds		3,180	-	-	-	41,560	-	6,000	47,560	12,000	62,740
Lease Revenue Financing		62,465	-	-	12,000	12,000	13,000	13,000	50,000	-	112,465
State Capital Assistance		18,065	500	500	500	500	500	500	3,000	2,000	23,065
CMAQ		-	3,821	-	3,440	-	-	5,400	12,661	-	12,661
RSTP		10,122	12,421	-	1,976	8,201	9,700	4,500	36,798	-	46,920
Revenue Sharing		15,831	10,000	10,000	10,000	10,000	10,000	10,000	60,000	5,375	81,206
NVTA 70% Regional		88,564	38,760	39,881	41,040	42,239	43,480	44,763	250,163	-	338,727
NVTA 30% Local		36,486	16,405	16,878	17,368	17,877	18,401	18,944	105,873	18,629	160,988
Proffers (Cash)		12,647	1,378	1,689	-	2,514	-	253	5,834	-	18,481
Transit Fees		-	-	500	500	500	500	500	2,500	2,000	4,500
Local Gasoline Tax		2,484	-	-	-	-	-	-	-	-	2,484
Proceeds from Sale of Land		135	-	-	-	-	-	-	-	-	135
<b>Total Funding Source</b>		<b>278,414</b>	<b>110,285</b>	<b>84,448</b>	<b>101,824</b>	<b>150,391</b>	<b>110,581</b>	<b>118,860</b>	<b>676,389</b>	<b>46,604</b>	<b>1,001,407</b>



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>School Capital Projects Fund</b>											
<b>Projects</b>											
Elementary Schools		1,915	75,125	-	35,390	4,545	41,535	5,280	161,875	-	163,790
Middle Schools		-	60,820	-	-	-	-	-	60,820	-	60,820
High Schools		3,045	126,665	-	13,805	121,710	52,365	7,110	321,655	-	324,700
Other School Projects		-	-	-	-	-	9,570	-	9,570	-	9,570
Budgetary Cost		4,960	262,610	-	49,195	126,255	103,470	12,390	553,920	-	558,880
<b>Funding Source</b>											
Local Tax Funding		-	12,105	-	3,280	12,425	6,810	5,280	39,900	-	39,900
Fund Balance		-	-	-	-	-	-	-	-	-	-
General Obligation Bonds		4,960	245,625	-	45,915	113,830	96,660	7,110	509,140	-	514,100
Proffers (Cash)		-	4,880	-	-	-	-	-	4,880	-	4,880
Total Funding Source		4,960	262,610	-	49,195	126,255	103,470	12,390	553,920	-	558,880



Capital Improvement Program by Functional Area Schedule of Appropriations										
Capital (\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Elementary Schools</b>										
<b>Projects</b>										
(ES-23) Dulles North Area Elementary School	-	-	-	-	4,545	40,875	-	45,420	-	45,420
(ES-28) Dulles South Area Elementary School	-	38,770	-	-	-	-	-	38,770	-	38,770
(ES-31) Dulles North Area Elementary School	1,915	36,355	-	-	-	-	-	36,355	-	38,270
Classroom Additions (3) Dulles North & South	-	-	-	35,390	-	-	-	35,390	-	35,390
Facility Renovation	-	-	-	-	-	-	5,280	5,280	-	5,280
Lovettsville ES Bus/Visitor Parking	-	-	-	-	-	660	-	660	-	660
Budgetary Cost	<u>1,915</u>	<u>75,125</u>	<u>-</u>	<u>35,390</u>	<u>4,545</u>	<u>41,535</u>	<u>5,280</u>	<u>161,875</u>	<u>-</u>	<u>163,790</u>
<b>Funding Source</b>										
Local Tax Funding	-	-	-	-	-	660	5,280	5,940	-	5,940
General Obligation Bonds	<u>1,915</u>	<u>75,125</u>	<u>-</u>	<u>35,390</u>	<u>4,545</u>	<u>40,875</u>	<u>-</u>	<u>155,935</u>	<u>-</u>	<u>157,850</u>
Total Funding Source	<u>1,915</u>	<u>75,125</u>	<u>-</u>	<u>35,390</u>	<u>4,545</u>	<u>41,535</u>	<u>5,280</u>	<u>161,875</u>	<u>-</u>	<u>163,790</u>



Capital Improvement Program by Functional Area											
Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Middle Schools</b>											
<b>Projects</b>											
(MS-7) Dulles South Area		-	60,820	-	-	-	-	-	60,820	-	60,820
Budgetary Cost		-	60,820	-	-	-	-	-	60,820	-	60,820
<b>Funding Source</b>											
General Obligation Bonds		-	60,820	-	-	-	-	-	60,820	-	60,820
Total Funding Source		-	60,820	-	-	-	-	-	60,820	-	60,820



Capital Improvement Program by Functional Area Schedule of Appropriations											
Capital	(\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>High Schools</b>											
<b>Projects</b>											
(HS-9) Dulles South Area High School		-	-	-	13,525	121,710	-	-	135,235	-	135,235
(HS-11) Dulles North Area High School		3,045	118,825	-	-	-	-	-	118,825	-	121,870
CS Monroe Conversion		-	1,750	-	-	-	50,100	-	51,850	-	51,850
Naval JROTC Facility Loudoun County High School		-	3,130	-	-	-	-	-	3,130	-	3,130
Modular Classrooms (8) John Champe HS		-	1,480	-	-	-	-	-	1,480	-	1,480
Modular Classrooms (8) Dulles North & South		-	1,480	-	-	-	-	-	1,480	-	1,480
Modular Classroom (10) Removal - Briar Woods		-	-	-	280	-	-	-	280	-	280
Stadium Synthetic Turf & Track		-	-	-	-	-	2,265	7,110	9,375	-	9,375
Budgetary Cost		3,045	126,665	-	13,805	121,710	52,365	7,110	321,655	-	324,700
<b>Funding Source</b>											
Local Tax Funding		-	12,105	-	3,280	12,425	5,010	-	32,820	-	32,820
General Obligation Bonds		3,045	109,680	-	10,525	109,285	47,355	7,110	283,955	-	287,000
Proffers (Cash)		-	4,880	-	-	-	-	-	4,880	-	4,880
Total Funding Source		3,045	126,665	-	13,805	121,710	52,365	7,110	321,655	-	324,700



Capital Improvement Program by Functional Area										
Schedule of Appropriations										
Capital (\$ in 1,000s)	Prior Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	6 Year Total	Future FY's	CIP Total
<b>Other School Projects</b>										
<b>Projects</b>										
Division Security Improvements	-	-	-	-	-	9,570	-	9,570	-	9,570
Budgetary Cost	-	-	-	-	-	9,570	-	9,570	-	9,570
<b>Funding Source</b>										
Local Tax Funding	-	-	-	-	-	1,140	-	1,140	-	1,140
General Obligation Bonds	-	-	-	-	-	8,430	-	8,430	-	8,430
Total Funding Source	-	-	-	-	-	9,570	-	9,570	-	9,570

**1. Should the Town of Hillsboro Traffic Calming project (Volume 2, Page 11-66) on Route 9 be moved up to FY 2017 to coincide with sewer and water line installation? (Chairman Randall)**

The Proposed CIP includes \$1,900,000 of State Revenue Sharing funding and \$2,900,000 of NVTA 30% Local funding in FY 2018 for the Town of Hillsboro Traffic Calming and Pedestrian Safety project.

Based on discussions with the Town of Hillsboro, staff does not believe that funding the Town’s Traffic Calming project in FY 2018 will endanger the project. According to the Mayor, VDOT has indicated that the strong commitment of funding for the road project sufficiently allows them to wait until FY 2018 for the project to begin. Furthermore, VDOT indicated that the use of Revenue Sharing funding for the project will accelerate the development of the project in the State’s Transportation Improvement Program, and would qualify the project as a Tier 2 project for funding consideration. The Tier 2 category is a high priority designation.

Concerning the timing of the installation of water and sewer lines along Route 9, the Mayor indicates that other components of the water project that have no bearing on the transportation project can be completed in FY 2017, and that the water and sewer main work along Route 9 can be completed in FY 2018.

The County does not issue debt financing for Town projects. If funding were required to be accelerated, there are only two sources of funding to consider - the use of local tax funding or the use of NVTA 30% Local funds in FY 2017.

If required, a proposed funding amendment to accelerate the project into FY 2017 would require the deferral of \$4,800,000 in funding on projects currently in FY 2017 of the Proposed CIP. The following projects contain local tax funding (the dedicated \$0.02 of the real property tax rate for transportation projects) in FY 2017 of the Proposed CIP:

Project	Funding Amount
<b>Belmont Ridge Road (Gloucester to Hay)</b>	\$13,015,000
<b>Mooreview Parkway</b>	\$1,254,000
<b>Waxpool/Loudoun County Parkway Intersection Improvements</b>	\$146,000
<b>Town of Middleburg Crosswalk Project</b>	\$585,000

Re-allocating local tax funding from any of the projects in the table above may have the following impacts:

- The Belmont Ridge Road (Gloucester Parkway to Hay Road) project is at the 60% design phase; the local tax funding is required for the project in FY 2017 for construction and is not recommended to be reallocated to another project.
- The local tax funding for Mooreview Parkway is required to provide additional funding to award a construction contract in FY 2017 for the segment between Croson Lane and Old Ryan Road and is not recommended to be reallocated to another project.
- The Waxpool/Loudoun County Parkway project is in design; FY 2017 appropriations are likely be needed to begin construction in FY 2017.

- The \$585,000 for the Town of Middleburg Crosswalk project was a funding request made by the Town in FY 2016; it could not be accommodated until FY 2017 in the current Adopted CIP. Staff does not advocate deferring funding for this project, which is ready for construction once the additional funding is appropriated.

In FY 2017, an additional \$2,000,000 in local tax funding is provided for the Crosstrail Boulevard project in order to provide funding for right-of-way (ROW) acquisition. This funding will be needed in FY 2017 if the County is required to acquire ROW for the project; it is not recommended to be reallocated to another project.

The following projects contain NVTA 30% Local funding in FY 2017 of the Proposed CIP:

Project	Funding Amount
<b>Northstar Boulevard (Shreveport to Route 50)</b>	\$5,000,000
<b>Mooreview Parkway</b>	\$325,000
<b>Northstar/Belmont Ridge Road Traffic Signal</b>	\$510,000
<b>Sterling Boulevard Extension</b>	\$5,000,000
<b>Transportation Contingencies</b>	\$1,600,000
<b>Leesburg Area Park and Ride Lot</b>	\$1,490,000

Re-allocating NVTA 30% Local funding from any of the projects in the table above may have the following impacts:

- The \$5,000,000 provided for Northstar Boulevard is required as local matching funds to a State Revenue Sharing grant application. Northstar Boulevard is considered a Tier 1 project and has the highest probability of obtaining a State Revenue Sharing grant award. Re-allocating the NVTA Local funding assigned to this project would not provide sufficient matching funds to the Revenue Sharing grant; therefore, it is not recommended to be reallocated to another project.
- The \$5,000,000 provided for Sterling Boulevard Extension is required as local matching funds to a State Revenue Sharing grant application. Sterling Boulevard Extension is considered a Tier 1 project and has the highest probability of obtaining a State Revenue Sharing grant award. Re-allocating the NVTA Local funding off of this project would not provide sufficient matching funds to the Revenue Sharing grant; it is not recommended to be reallocated to another project.
- The NVTA Local funding for Mooreview Parkway is required to provide additional funding to award a construction contract in FY 2017 for the segment between Croson Lane and Old Ryan Road; it is not recommended to be reallocated to another project.
- The \$510,000 for the Northstar/Belmont Ridge Road traffic signal is required to install the signal. The signal is currently in design. Re-allocating this funding to the Town of Hillsboro project will cause a delay to this project.
- The Leesburg Area Park and Ride project is in need of additional funding. The use of \$2.6 million in CMAQ grant funding cannot be used for the project under the terms of the proposed public/private partnership to develop the park and ride lot. The project is in need of approximately \$3.5 million, \$1.49 million of which is identified in the table above. If the \$1.49 million is placed on the Town of Hillsboro project in FY 2017, then the NVTA 30% Local funding not needed for the town project in FY 2018 could be allocated to the Park and Ride Lot project. This would cause the project to be delayed by one year.

- Funding for the Transportation Contingencies could be deferred to FY 2018. However, there are low remaining balances in these accounts that would have to wait another year for replenishment. The current balances in the accounts are:
  - Traffic Signal Contingency - \$69,431.43
  - Traffic Calming Contingency - \$36,900.00
  - Sidewalk Contingency - \$394,375.43

**2. Given that Prince William County has indicated they are taking the Bi-County Parkway off of their County Wide Transportation plan, does Northstar from Tall Cedars Parkway to Braddock Road (Volume 2, Page 11-34) need to be four lanes or is a two lane road sufficient? (Chairman Randall)**

The Bi-County Parkway is a ten mile section of planned roadway between Interstate 66 in Prince William County and Route 50 in Loudoun County. The Bi-County Parkway lies within the Virginia Department of Transportation’s designated North-South Corridor of Statewide Significance which runs from Interstate 95 to the Dulles Corridor (Route 7).

The current Prince William County Thoroughfare Plan (equivalent document to Loudoun’s Countywide Transportation Plan) currently calls for the following:

- From I-95 to Route 28, existing 4-lane highway planned for 6-lanes
- From Route 28 to I-66, existing 4-lane highway planned for 6-lanes
- From I-66 to the Loudoun County line, planned 4-lanes, generally following the alignment of Pageland Lane and Sanders Lane

To date, Prince William County has not modified their Thoroughfare Plan, however, the Board has directed staff to initiate the process to modify the plan north of Interstate 66. The proposed change is to change the segment between Interstate 66 to Sudley Road from the planned 4-lanes to a 2-lane facility. North of Sudley Road they are proposing no further north-south route improvements, meaning they are removing this section of road from their Thoroughfare Plan.

This decision and action, once finally completed, will impact Loudoun’s planned transportation network. Close coordination will be necessary to evaluate north-south traffic patterns between the two jurisdictions. Obvious routes that may be impacted include Route 15 and Gum Spring Road.

If the Prince William County Board formally adopts the contemplated proposal, it is reasonable for Loudoun to re-evaluate its planned transportation investments along Northstar Boulevard south of Route 50. However, as Route 50 migrates to a limited access highway east of Northstar Blvd, as currently planned in our CTP, Tall Cedars Parkway and Braddock Road may play a significant role in east-west travel. Staff would recommend the Board direct an evaluation of the impacts from the Prince William County decision before making significant changes to the Capital Improvement Program.

The segment of Northstar Boulevard from Tall Cedars Parkway to Braddock Road is the lowest priority segment of this road. The segment from Shreveport Road to Route 50 is the highest priority to be constructed, and the segment from Route 50 south to Tall Cedars is the second highest priority to be constructed. The segment from Tall Cedars south to Braddock Road already has two lanes constructed, and is primarily needed to access and serve John Champe High School.

Staff does not believe the segment of Northstar Boulevard from Tall Cedars south to Braddock Road needs to be widened to four lanes in the six-year CIP timeframe. There was no funding planned for the connection of Northstar Boulevard south of Braddock Road to the Prince William County line, nor is this segment planned for the in CLRP or proposed to be included in the TransAction Plan. Even though Prince William County taking the Bi-County Parkway off of their Countywide Transportation Plan does not impact the planned development of Northstar Boulevard from the County's perspective, planned funding in the six-year CIP for the segment of Northstar from Tall Cedars to Braddock could be deferred to a later date when the County believes the widening of this road segment would be required to reduce traffic congestion in the area.

Northstar Boulevard between Route 50 and Tall Cedars Parkway is currently under design, and the design is approximately 30%- 40% complete. A public hearing was held for the project in the fall of 2015. The design is scheduled to be completed in late 2016 or early 2017.

Staff would like to note that the area in the vicinity of this road segment, particularly along and south of Braddock Road, is a fast growing portion of the County with a large amount of planned housing units in the pipeline for development. So the widening of Northstar Boulevard to four lanes from Tall Cedars to Braddock Road may eventually be required to meet traffic demands in the area.



## Loudoun County, Virginia

[www.loudoun.gov](http://www.loudoun.gov)

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### MEMORANDUM

Date: February 29, 2016

To: Loudoun County Board of Supervisors  
Loudoun County School Board

Thru: Tim Hemstreet, County Administrator

From: Daniel Csizmar, Department of Transportation and Capital Infrastructure  
Janet Romanchyk, Department of Finance and Procurement  
Nikki Bradley, Department of Finance and Procurement

Subject: Land Acquisition Fund Balance Report

This memorandum provides the Loudoun County Board of Supervisors and the Loudoun County School Board the current fund balances in appropriated land acquisition funds for County/School land acquisitions.

#### School Land Funding:

*General Obligation Bond* funding authority in the amount of **\$30,700,359** remains within the FY 2004, 2006 and 2007 voter approved referendums for school site acquisitions.

- The 2004 referendum specifically states the use of the bond proceeds to purchase land for two future elementary schools and two middle schools.
- The 2006 referendum specifically states the use of the bond proceeds to finance the cost to purchase land and infrastructure improvements for two middle schools and one high school.
- The 2007 referendum specifically states use of the bond proceeds to finance the cost to purchase land for two elementary schools and one high school.

Therefore, the use of the remaining bond proceeds are restricted to those purposes established by each referenda question.

Referendum	Remaining Balance	Allowable Uses per Referendum
<b>November 2004</b>	\$7,345,319	Two elementary schools; One middle school
<b>November 2006</b>	\$12,391,563	One middle school
<b>November 2007</b>	\$3,488,477	One elementary school; One high school
<b>November 2007 (Unsold)</b>	\$7,475,000	One elementary school; One high school
<b>Total</b>	<b>\$30,700,359</b>	

A total of **\$11,465,480.80** in local tax funding remains in the County Capital Fund for school site acquisitions. The table below provides the remaining cash balances in the County's Capital Fund for school land acquisitions. The County has the ability to reallocate the remaining local tax funding in these accounts to other projects if desired. The use of local tax funding is not restricted as the general obligation bond proceeds are.

Capital Fund Account	Remaining Balance	Allowable Uses
FY 2007 School Land Fund	\$4,661,043	Balance can be used for another school land acquisition; or the funds can be reallocated to another project.
FY 2008 School Land Fund	\$3,220,932	Balance can be used for another school land acquisition, or the funds can be reallocated to another project.
Secondary School Land Fund	\$3,583,505.80	Balance can be used for another school land acquisition, or the funds can be reallocated to another project.
	<b>\$11,465,480.80</b>	<b>TOTAL</b>

A total of **\$149,020.22** in local tax funding remains in the School Capital Fund for school site acquisitions. These funds were provided as part of the ES-25 and MS-10 feasibility studies. The remaining local tax funding balance can be used toward additional school land acquisitions, or the funds can be transferred back to the County.

County Land Funding:

The total appropriation available to acquire General Government land sites is \$798,437 for the following project:

Project	Source of Funding	Remaining Balance
<b>Lucketts Fire and Rescue Station</b>	Local Tax Funding	\$798,437

***FY 2017 Capital Project Appropriations – Scenario #1 to Scenario #6***

This attachment provides tables that give an overview of estimated appropriations in FY 2017 for each CIP funding option scenario presented to the FGOEDC, in order to help the Committee understand the specific project appropriations and estimated revenues associated with each funding scenario. These tables present the funding that could be appropriated in FY 2017 as part of the FY 2017 Adopted Budget and Appropriations Resolution.

The FY 2017 funding appropriation tables will be presented by functional area in the CIP – School projects, General Government projects and Transportation projects.

***FY 2017 Capital Project Appropriations – Scenario #1 and #1A***

**Table 1. Scenario #1 and #1A FY 2017 School CIP Appropriations**

<b>FY 2017 Proposed Public School Projects</b>		
<b>Project Name</b>	<b>Total</b>	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
ES – 3 Classroom Additions (Dulles North & South)	\$16,320,000	12-10
MS-7 Dulles South Middle School	\$57,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$239,575,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$222,590,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$239,575,000</b>	

**Table 2. Scenario #1 and #1A FY 2017 General Government CIP Appropriations**

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
Round Hill Fire and Rescue Station Replacement	\$1,800,000	10-39
<b>Parks, Recreation and Culture</b>		
Ashburn Senior Center	\$8,285,000	10-30
Hal and Berni Hanson Regional Park	\$53,260,000	10-35
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$170,763,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$49,005,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$32,013,462	
<b>TOTAL:</b>	<b>\$170,763,565</b>	

**Table 3. Scenario #1 and #1A FY 2017 Transportation CIP Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
<b>Braddock/Summerall/Supreme Intersection</b>	\$2,000,000	11-12
Crosstrail Boulevard	\$2,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Route 7 / Route 690 Intersection	\$4,000,000	11-46
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$124,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$14,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$124,286,138</b>	

**Scenario #1 and #1A FY 2017 Public Facilities Fund (Page 14-19 to 14-30)**

	ZMAP	Development	SEQ#	AMOUNT
<b>Ashburn Senior Center</b>	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96	
				<b>\$ 8,285,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Route 606 Widening</b>	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00

	ZMAP	Development	SEQ#	AMOUNT
<b>Hal and Berni Hanson Regional Park</b>	ZMAP-2006-0015	ARCOLA CENTER	99072078	1,244,047.03
	ZMAP-2003-0014	BELMONT TRACE	99066151	0.33
	ZMAP-2002-0020	BRADDOCK CORNER	99065503	82,863.52
	ZMAP-2002-0003	C D SMITH PROPERTY	99066684	4,693,301.38
	ZMAP-2011-0004	CARDINE TORRIS	99073555	399,858.00
	ZMAP-2004-0022	DAWSONS CORNER	99066972	2,877,344.04
	ZMAP-2004-0020	EAST GATE ONE	99066957	1,945,554.71
	ZMAP-2005-0003	EAST GATE THREE	99066965	323,880.40
	ZMAP-2004-0004	ESTATES AT ELK RUN	99067198	0.75
	ZMAP-2003-0007	GRAHAM FLYNN BIGGERS	99065973	274,258.90
	ZMAP-2003-0002	GREENFIELD CROSSING	99066271	313,260.08
	ZMAP-2005-0016	KIMMITT PROPERTY	99066982	241,904.60
	ZCPA-2010-0002	KIRKPATRICK FARMS - LUNETTE HOUSE	99070577	200,000.00
	ZMAP-2002-0001	KIRKPATRICK WEST	99066954	938,109.70
	ZMAP-2003-0004	MASIRA	99066116	0.74
	ZMAP-2001-0004	PINEBROOK VILLAGE	99064554	1,479,003.16
	ZMAP-2002-0023	PROVIDENCE GLEN	99066058	1,221,922.89
	ZMAP-2005-0007	RESERVE AT SOUTH RIDING I	99067694	203,931.24
	ZMAP-2005-0014	RESERVE AT SOUTH RIDING II	99067719	1,328.79
	ZMAP-2005-0001	SEVEN HILLS	99066992	1,851,687.88
	ZMAP-1994-0017	STONE RIDGE	96073609	56,138.26
	ZMAP-2002-0022	TOWNES AT EAST GATE	99066557	3,522,518.34
	ZMAP-2004-0019	TREBURG	99067641	0.26
ZMAP-2006-0008	WHITE OAK CREST	99071264	740,593.92	
ZMAP-2005-0044	WOODBURN	99068359	943,491.08	
				<b>23,555,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Sterling Boulevard Extension</b>	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00
				<b>\$28,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Transit Buses</b>	ZMAP-2004-0004	Estates at Elk Run	99067195	118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	296,421.92
	ZMAP-2006-0007	Glascok Field at Stone Ridge	99071138	84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	22.94
	ZMAP-2006-0003	Morley Corner	99069013	0.38
	ZMAP-2005-0039	Victoria Station	99068232	0.40
				<b>\$500,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Round Hill - Sleeter Lake Park		CASH PROFFER INTEREST		\$173,462.00
				<b>\$173,462.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Hamilton Pedestrian Improvements		CASH PROFFER INTEREST		\$566,414.00
				<b>\$566,414.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Loudoun County High School Naval JROTC Facility Renovations		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00
				<b>\$3,130,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00
				<b>\$1,750,000.00</b>

*FY 2017 Capital Project Appropriations - Scenario #2*

**Table 1. Scenario #2 FY 2017 School CIP Appropriations**

<b>FY 2017 Proposed Public School Projects</b>		
<b>Project Name</b>	<b>Total</b>	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
ES – 3 Classroom Additions (Dulles North & South)	\$16,320,000	12-10
MS-7 Dulles South Middle School	\$57,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$239,575,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$222,590,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$239,575,000</b>	

**Table 2. Scenario #2 FY 2017 General Government CIP Appropriations**

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
<b>Parks, Recreation and Culture</b>		
Ashburn Recreation and Community Center	\$9,680,000	10-29
Ashburn Senior Center	\$8,285,000	10-30
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$125,383,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$27,180,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$8,458,462	
<b>TOTAL:</b>	<b>\$125,383,565</b>	

**Table 3. Scenario #2 FY 2017 Transportation CIP Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
Braddock/Summerall/Supreme Intersection	\$2,000,000	11-12
Crosstrail Boulevard	\$2,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Route 7 / Route 690 Intersection	\$4,000,000	11-46
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$124,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$14,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$124,286,138</b>	

**Scenario #2 FY 2017 Public Facilities Fund (Page 14-19 to 14-30)**

	ZMAP	Development	SEQ#	AMOUNT
<b>Ashburn Senior Center</b>	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
	ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96

	ZMAP	Development	SEQ#	AMOUNT
<b>Route 606 Widening</b>	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00

	ZMAP	Development	SEQ#	AMOUNT
Sterling Boulevard Extension	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00
				<b>\$28,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Transit Buses	ZMAP-2004-0004	Estates at Elk Run	99067195	118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	296,421.92
	ZMAP-2006-0007	Glascok Field at Stone Ridge	99071138	84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	22.94
	ZMAP-2006-0003	Morley Corner	99069013	0.38
	ZMAP-2005-0039	Victoria Station	99068232	0.40
				<b>\$500,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Round Hill - Sleeter Lake Park		CASH PROFFER INTEREST		\$173,462.00
				<b>\$173,462.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Hamilton Pedestrian Improvements		CASH PROFFER INTEREST		\$566,414.00
				<b>\$566,414.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Loudoun County High School Naval JROTC Facility Renovations		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00
				<b>\$3,130,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00
				<b>\$1,750,000.00</b>

*FY 2017 Capital Project Appropriations – Scenario #3 and #3A*

**Table 1. Scenario #3 and #3A FY 2017 School CIP Appropriations**

<b>FY 2017 Proposed Public School Projects</b>		
<b>Project Name</b>	<b>Total</b>	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
Dulles Area Classroom Additions	\$16,320,000	12-10
MS-7 Dulles South Middle School	\$57,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$239,575,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$222,590,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$239,575,000</b>	

**Table 2. Scenario #3 and #3A FY 2017 General Government CIP Appropriations**

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
<b>Parks, Recreation and Culture</b>		
Ashburn Recreation and Community Center	\$9,680,000	10-29
Ashburn Senior Center	\$8,285,000	10-30
Hal and Berni Hanson Regional Park	\$53,260,000	10-35
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$178,643,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$47,205,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$41,693,462	
<b>TOTAL:</b>	<b>\$178,643,565</b>	

**Table 3. Scenario #3 and #3A FY 2017 Transportation CIP Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
Braddock/Summerall/ Supreme Intersection	\$2,000,000	11-12
Crosstrail Boulevard	\$2,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Route 7/690 Interchange	\$4,000,000	11-46
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$124,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$14,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$124,286,138</b>	

**Scenario #3 and #3A FY 2017 Public Facilities Fund (Page 14-19 to 14-30)**

	ZMAP	Development	SEQ#	AMOUNT
<b>Ashburn Senior Center</b>	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
	ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96
				<b>\$ 8,285,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Route 606 Widening</b>	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00

	ZMAP	Development	SEQ#	AMOUNT
<b>Hal and Berni Hanson Regional Park</b>	ZMAP-2006-0015	ARCOLA CENTER	99072078	1,244,047.03
	ZMAP-2003-0014	BELMONT TRACE	99066151	0.33
	ZMAP-2002-0020	BRADDOCK CORNER	99065503	82,863.52
	ZMAP-2002-0003	C D SMITH PROPERTY	99066684	4,693,301.38
	ZMAP-2011-0004	CARDINE TORRIS	99073555	399,858.00
	ZMAP-2004-0022	DAWSONS CORNER	99066972	2,877,344.04
	ZMAP-2004-0020	EAST GATE ONE	99066957	1,945,554.71
	ZMAP-2005-0003	EAST GATE THREE	99066965	323,880.40
	ZMAP-2004-0004	ESTATES AT ELK RUN	99067198	0.75
	ZMAP-2003-0007	GRAHAM FLYNN BIGGERS	99065973	274,258.90
	ZMAP-2003-0002	GREENFIELD CROSSING	99066271	313,260.08
	ZMAP-2005-0016	KIMMITT PROPERTY	99066982	241,904.60
	ZCPA-2010-0002	KIRKPATRICK FARMS - LUNETTE HOUSE	99070577	200,000.00
	ZMAP-2002-0001	KIRKPATRICK WEST	99066954	938,109.70
	ZMAP-2003-0004	MASIRA	99066116	0.74
	ZMAP-2001-0004	PINEBROOK VILLAGE	99064554	1,479,003.16
	ZMAP-2002-0023	PROVIDENCE GLEN	99066058	1,221,922.89
	ZMAP-2005-0007	RESERVE AT SOUTH RIDING I	99067694	203,931.24
	ZMAP-2005-0014	RESERVE AT SOUTH RIDING II	99067719	1,328.79
	ZMAP-2005-0001	SEVEN HILLS	99066992	1,851,687.88
	ZMAP-1994-0017	STONE RIDGE	96073609	56,138.26
	ZMAP-2002-0022	TOWNES AT EAST GATE	99066557	3,522,518.34
	ZMAP-2004-0019	TREBURG	99067641	0.26
ZMAP-2006-0008	WHITE OAK CREST	99071264	740,593.92	
ZMAP-2005-0044	WOODBURN	99068359	943,491.08	
				<b>23,555,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Sterling Boulevard Extension</b>	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00
				<b>\$28,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Transit Buses</b>	ZMAP-2004-0004	Estates at Elk Run	99067195	118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	296,421.92
	ZMAP-2006-0007	Glascok Field at Stone Ridge	99071138	84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	22.94
	ZMAP-2006-0003	Morley Corner	99069013	0.38
	ZMAP-2005-0039	Victoria Station	99068232	0.40
				<b>\$500,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Round Hill - Sleeter Lake Park		CASH PROFFER INTEREST		\$173,462.00
				<b>\$173,462.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Hamilton Pedestrian Improvements		CASH PROFFER INTEREST		\$566,414.00
				<b>\$566,414.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Loudoun County High School Naval JROTC Facility Renovations		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00
				<b>\$3,130,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00
				<b>\$1,750,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Ashburn Recreation & Community Center	ZMAP-2002-0009	GOOSE CREEK PRESERVE	99066199	3,781,357.50
	ZMAP-2003-0008	GOOSE CREEK VILLAGE NORTH	99067537	5,898,642.50
				<b>\$9,680,000.00</b>

*FY 2017 Capital Project Appropriations – Scenario #4*

**Table 1. Scenario #4 FY 2017 School CIP Appropriations**

<b>FY 2017 Proposed Public School Projects</b>		
<b>Project Name</b>	<b>Total</b>	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
MS-7 Dulles South Middle School	\$57,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$223,255,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$206,270,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$223,255,000</b>	

Table 2. Scenario #4 FY 2017 General Government CIP Appropriations

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
<b>Parks, Recreation and Culture</b>		
Ashburn Recreation and Community Center	\$9,680,000	10-29
Ashburn Senior Center	\$8,285,000	10-30
Hal and Berni Hanson Regional Park	\$53,260,000	10-35
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$178,643,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$47,205,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$41,693,462	
<b>TOTAL:</b>	<b>\$178,643,565</b>	

**Table 3. FY 2017 Proposed Transportation CIP Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
Braddock/Summerall/Supreme Improvements	\$2,000,000	11-12
Crosstrail Boulevard	\$37,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Route 7/690 Interchange	\$4,000,000	11-46
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$159,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$49,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$159,286,138</b>	

**Scenario #4 FY 2017 Public Facilities Fund (Page 14-19 to 14-30)**

	ZMAP	Development	SEQ#	AMOUNT
<b>Ashburn Senior Center</b>	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
	ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96

	ZMAP	Development	SEQ#	AMOUNT
<b>Route 606 Widening</b>	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00

	ZMAP	Development	SEQ#	AMOUNT
<b>Hal and Berni Hanson Regional Park</b>	ZMAP-2006-0015	ARCOLA CENTER	99072078	1,244,047.03
	ZMAP-2003-0014	BELMONT TRACE	99066151	0.33
	ZMAP-2002-0020	BRADDOCK CORNER	99065503	82,863.52
	ZMAP-2002-0003	C D SMITH PROPERTY	99066684	4,693,301.38
	ZMAP-2011-0004	CARDINE TORRIS	99073555	399,858.00
	ZMAP-2004-0022	DAWSONS CORNER	99066972	2,877,344.04
	ZMAP-2004-0020	EAST GATE ONE	99066957	1,945,554.71
	ZMAP-2005-0003	EAST GATE THREE	99066965	323,880.40
	ZMAP-2004-0004	ESTATES AT ELK RUN	99067198	0.75
	ZMAP-2003-0007	GRAHAM FLYNN BIGGERS	99065973	274,258.90
	ZMAP-2003-0002	GREENFIELD CROSSING	99066271	313,260.08
	ZMAP-2005-0016	KIMMITT PROPERTY	99066982	241,904.60
	ZCPA-2010-0002	KIRKPATRICK FARMS - LUNETTE HOUSE	99070577	200,000.00
	ZMAP-2002-0001	KIRKPATRICK WEST	99066954	938,109.70
	ZMAP-2003-0004	MASIRA	99066116	0.74
	ZMAP-2001-0004	PINEBROOK VILLAGE	99064554	1,479,003.16
	ZMAP-2002-0023	PROVIDENCE GLEN	99066058	1,221,922.89
	ZMAP-2005-0007	RESERVE AT SOUTH RIDING I	99067694	203,931.24
	ZMAP-2005-0014	RESERVE AT SOUTH RIDING II	99067719	1,328.79
	ZMAP-2005-0001	SEVEN HILLS	99066992	1,851,687.88
	ZMAP-1994-0017	STONE RIDGE	96073609	56,138.26
	ZMAP-2002-0022	TOWNES AT EAST GATE	99066557	3,522,518.34
	ZMAP-2004-0019	TREBURG	99067641	0.26
ZMAP-2006-0008	WHITE OAK CREST	99071264	740,593.92	
ZMAP-2005-0044	WOODBURN	99068359	943,491.08	
				<b>23,555,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Sterling Boulevard Extension</b>	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00
				<b>\$28,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Transit Buses</b>	ZMAP-2004-0004	Estates at Elk Run	99067195	118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	296,421.92
	ZMAP-2006-0007	Glascok Field at Stone Ridge	99071138	84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	22.94
	ZMAP-2006-0003	Morley Corner	99069013	0.38
	ZMAP-2005-0039	Victoria Station	99068232	0.40
				<b>\$500,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Round Hill - Sleeter Lake Park		CASH PROFFER INTEREST		\$173,462.00
				<b>\$173,462.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Hamilton Pedestrian Improvements		CASH PROFFER INTEREST		\$566,414.00
				<b>\$566,414.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Loudoun County High School Naval JROTC Facility Renovations		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00
				<b>\$3,130,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00
				<b>\$1,750,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Ashburn Recreation & Community Center	ZMAP-2002-0009	GOOSE CREEK PRESERVE	99066199	3,781,357.50
	ZMAP-2003-0008	GOOSE CREEK VILLAGE NORTH	99067537	5,898,642.50
				<b>\$9,680,000.00</b>

*FY 2017 Capital Project Appropriations – Scenario #5*

**Table 1. Scenario #5 FY 2017 School CIP Appropriations**

<b>FY 2017 Proposed Public School Projects</b>		
<b>Project Name</b>	<b>Total</b>	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
ES-31 Dulles North Elementary School	\$36,355,000	12-9
Classroom Additions – Dulles Area	\$16,320,000	12-10
MS-7 Dulles South Middle School	\$570,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$275,930,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$258,945,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$275,930,000</b>	

**Table 2. Scenario #5 FY 2017 General Government CIP Appropriations**

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
<b>Parks, Recreation and Culture</b>		
Ashburn Senior Center	\$8,285,000	10-30
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$115,703,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$17,500,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$8,458,462	
<b>TOTAL:</b>	<b>\$115,703,565</b>	

**Table 3. Scenario #5 FY 2017 Transportation CIP Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
Crosstrail Boulevard	\$2,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Route 7/690 Interchange	\$4,000,000	11-46
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$122,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$12,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$122,286,138</b>	

**Scenario #5 FY 2017 Public Facilities Fund (Page 14-19 to 14-30)**

	ZMAP	Development	SEQ#	AMOUNT
<b>Ashburn Senior Center</b>	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96	
				<b>\$ 8,285,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Route 606 Widening</b>	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00

	ZMAP	Development	SEQ#	AMOUNT
<b>Sterling Boulevard Extension</b>	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00

	ZMAP	Development	SEQ#	AMOUNT
Transit Buses	ZMAP-2004-0004	Estates at Elk Run	99067195	118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	296,421.92
	ZMAP-2006-0007	Glascocock Field at Stone Ridge	99071138	84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	22.94
	ZMAP-2006-0003	Morley Corner	99069013	0.38
	ZMAP-2005-0039	Victoria Station	99068232	0.40

	ZMAP	Development	SEQ#	AMOUNT
Town of Round Hill - Sleeter Lake Park		CASH PROFFER INTEREST		\$173,462.00

	ZMAP	Development	SEQ#	AMOUNT
Town of Hamilton Pedestrian Improvements		CASH PROFFER INTEREST		\$566,414.00

	ZMAP	Development	SEQ#	AMOUNT
Loudoun County High School Naval JROTC Facility Renovations		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00

*FY 2017 Capital Project Appropriations – Scenario #6*

**Table 1. Scenario #6 FY 2017 School CIP Appropriations**

<b>FY 2017 Proposed Public School Projects</b>		
<b>Project Name</b>	<b>Total</b>	
ES-28 Dulles South Elementary School	\$38,770,000	12-8
ES-31 Dulles North Elementary School	\$36,355,000	12-9
MS-7 Dulles South Middle School	\$57,820,000	12-15
CS Monroe Conversion	\$1,750,000	12-19
HS-11 Dulles North High School	\$118,825,000	12-21
Loudoun County HS Naval JROTC Facility	\$3,130,000	12-22
Modular Classrooms (8) – John Champe HS	\$1,480,000	12-23
Modular Classrooms (8) – Dulles North and South	\$1,480,000	12-24
<b>TOTAL:</b>	<b>\$259,610,000</b>	
<b>FY 2017 Schools Proposed Funding:</b>		
General Obligation Bonds	\$242,625,000	
Local Tax Funding	\$12,105,000	
Cash Proffers	\$4,880,000	
<b>TOTAL:</b>	<b>\$259,610,000</b>	

**Table 2. Scenario #6 FY 2017 General Government CIP Appropriations**

<b>FY 2017 Proposed General Government Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
<b>General Government</b>		
Capital Project Management	\$5,809,962	10-13
Capital Project Management Consulting Services	\$1,000,000	10-13
CIP Contingency	\$2,000,000	10-13
General Government Office Space Purchase	\$7,635,000	10-15
Storm Water Management	\$3,500,000	10-19
Water/Wastewater Fund	\$2,150,000	10-20
County Landfill Debt Service	\$1,310,141	N/A
<b>Public Safety</b>		
Courts Complex Phase III	\$57,100,000	10-43
Fire Apparatus	\$3,000,000	10-44
Juvenile Detention Center Phase I	\$3,000,000	10-56
Lucketts Fire and Rescue Station Replacement	\$1,240,000	10-48
Lovettsville Fire Station Replacement	\$13,500,000	10-49
Leesburg Station #20 Expansion	\$4,000,000	10-50
<b>Parks, Recreation and Culture</b>		
Ashburn Recreation and Community Center	\$9,680,000	10-29
Ashburn Senior Center	\$8,285,000	10-30
Hal and Berni Hanson Regional Park	\$53,260,000	10-35
Lovettsville Community Center Replacement	\$2,000,000	10-36
Town of Round Hill – Sleeter Lake Park	\$173,462	10-39
<b>TOTAL GENERAL GOVERNMENT:</b>	<b>\$178,643,565</b>	
<b>FY 2017 General Government Proposed Funding</b>		
Lease Revenue Financing	\$69,735,000	
General Obligation Bonds	\$56,885,000	
Local Tax Funding	\$18,699,962	
Fees	\$1,310,141	
Cash Proffers	\$32,013,462	
<b>TOTAL:</b>	<b>\$178,643,565</b>	

**Table 3. Scenario #6 FY 2017 Transportation CIP Appropriations**

<b>FY 2017 Proposed Transportation Projects</b>		
<b>Project Name</b>	<b>Total</b>	<b>Page Number</b>
Belmont Ridge Road - Gloucester to Hay	\$13,015,000	11-8
Crosstrail Boulevard	\$2,000,000	11-14
George Washington Boulevard Overpass	\$4,132,105	11-18
Mooreview Parkway	\$1,578,608	11-28
Northstar Boulevard – Shreveport to Route 50	\$10,000,000	11-32
Northstar/Belmont Ridge Road Traffic Signal	\$510,000	11-62
Prentice Road	\$9,000,000	11-36
Route 606 Widening	\$8,573,809	11-42
Route 7/Battlefield Parkway	\$38,760,720	11-44
Shellhorn Road	\$8,000,000	N/A
Sterling Boulevard Extension	\$10,028,000	11-52
Waxpool/Loudoun County Parkway Intersection	\$1,146,000	11-54
Town of Hamilton Pedestrian Improvements	\$566,414	11-65
Town of Leesburg - NVTA Local Funds	\$2,035,717	11-68
Town of Middleburg Crosswalk Project	\$585,000	11-69
Town of Purcellville - NVTA Local Funds	\$443,765	11-70
Transit Buses	\$1,000,000	11-71
Leesburg Park and Ride Lot	\$1,490,000	11-72
Western Loudoun Park and Ride Lot	\$3,821,000	11-77
Sidewalk Contingency	\$1,000,000	11-64
Traffic Calming Contingency	\$100,000	11-64
Traffic Signal Contingency	\$500,000	11-64
<b>TOTAL TRANSPORTATION PROJECTS:</b>	<b>\$118,286,138</b>	

<b>FY 2017 Transportation Proposed Funding</b>		
Local Tax Funding	\$2,000,000	
Local Tax Funding - Roads	\$15,000,000	
Fund Balance	\$10,000,000	
General Obligation Bonds	\$8,000,000	
Cash Proffers	\$1,378,414	
NVTA Regional Funds	\$38,760,720	
NVTA Local Funds	\$16,404,090	
State Revenue Sharing	\$10,000,000	
State Capital Assistance	\$500,000	
CMAQ Grant Funding	\$3,821,000	
RSTP Grant Funding	\$12,421,914	
<b>TOTAL:</b>	<b>\$118,286,138</b>	

**Scenario #6 FY 2017 Public Facilities Fund (Page 14-19 to 14-30)**

	ZMAP	Development	SEQ#	AMOUNT
<b>Ashburn Senior Center</b>	ZMAP-2004-0013	ALEXANDERS CHASE	99066799	\$624,496.28
	ZMAP-2002-0019	AMBERLEIGH	99065148	\$1,312,168.32
	ZMAP-1994-0012	ASHBROOK	96094650	\$0.03
	ZMAP-1994-0012	ASHBROOK	97020070	\$0.37
	ZMAP-2005-0017	ASHBURN PLACE	99066989	\$341,340.06
	ZMAP-1994-0013	ASHBURN RUN (1)	99062711	\$0.50
	ZMAP-1986-0032	ASHLEIGH	96031115	\$0.13
	ZMAP-2005-0019	BELMONT ESTATES	99071228	\$1,318,304.27
	ZCPA-1991-0007	BELMONT FARMS GRAVES LANE	96014720	\$0.22
	ZCPA-1993-0006	BELMONT FOREST	95070019	\$0.07
	ZMAP-1986-0047	BELMONT FOREST	96111451	\$0.79
	ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	\$1,236,420.96
	ZCPA-2011-0002	BROADLANDS SOUTH SECTION 200	99073353	\$564,297.18
	ZMAP-1999-0005	CEDAR RIDGE	99063646	\$0.72
	ZMAP-1989-0039	COURTS OF ASHBURN	96023105	\$7.97
	ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITIES	99067825	\$1,739,849.66
	ZMAP-1999-0023	HUNT AT BELMONT COUNTRY C- BLES / WELLER	99064224	\$0.09
	ZMAP-1990-0015	LOUDOUN PARKWAY CENTER	97040470	\$146,584.54
	ZMAP-2002-0016	ONE LOUDOUN CENTER	99065895	\$206,089.45
	ZMAP-2000-0003	POTTER PROPERTY	99063216	\$0.39
	ZCPA-1992-0001	PRIMROSE VILLAGE (WARNER) PROFFERS	97020051	\$0.56
	ZMAP-1993-0002	RIDGES AT ASHBURN	95060028	\$9.45
	ZMAP-1994-0016	RYANS RIDGE	96061154	\$35.95
	ZMAP-1995-0002	SUNVALLEY MEWS	96061817	\$0.56
	ZMAP-1990-0008	TOLL ROAD PLAZA	95120227	\$471,230.33
	ZMAP-2004-0023	TOWNS AT BELMONT RIDGE	99067483	\$323,796.19
ZMAP-1994-0003	WORTMAN PROPERTY	95060003	\$364.96	
				<b>\$ 8,285,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Route 606 Widening</b>	ZMAP-1986-0012	BROAD RUN	97060952	\$16,000.00
	ZMAP-1988-0200	TURNER PROPERTY (AKA WESTWIND 606)	99066519	\$268,000.00

	ZMAP	Development	SEQ#	AMOUNT
<b>Hal and Berni Hanson Regional Park</b>	ZMAP-2006-0015	ARCOLA CENTER	99072078	1,244,047.03
	ZMAP-2003-0014	BELMONT TRACE	99066151	0.33
	ZMAP-2002-0020	BRADDOCK CORNER	99065503	82,863.52
	ZMAP-2002-0003	C D SMITH PROPERTY	99066684	4,693,301.38
	ZMAP-2011-0004	CARDINE TORRIS	99073555	399,858.00
	ZMAP-2004-0022	DAWSONS CORNER	99066972	2,877,344.04
	ZMAP-2004-0020	EAST GATE ONE	99066957	1,945,554.71
	ZMAP-2005-0003	EAST GATE THREE	99066965	323,880.40
	ZMAP-2004-0004	ESTATES AT ELK RUN	99067198	0.75
	ZMAP-2003-0007	GRAHAM FLYNN BIGGERS	99065973	274,258.90
	ZMAP-2003-0002	GREENFIELD CROSSING	99066271	313,260.08
	ZMAP-2005-0016	KIMMITT PROPERTY	99066982	241,904.60
	ZCPA-2010-0002	KIRKPATRICK FARMS - LUNETTE HOUSE	99070577	200,000.00
	ZMAP-2002-0001	KIRKPATRICK WEST	99066954	938,109.70
	ZMAP-2003-0004	MASIRA	99066116	0.74
	ZMAP-2001-0004	PINEBROOK VILLAGE	99064554	1,479,003.16
	ZMAP-2002-0023	PROVIDENCE GLEN	99066058	1,221,922.89
	ZMAP-2005-0007	RESERVE AT SOUTH RIDING I	99067694	203,931.24
	ZMAP-2005-0014	RESERVE AT SOUTH RIDING II	99067719	1,328.79
	ZMAP-2005-0001	SEVEN HILLS	99066992	1,851,687.88
	ZMAP-1994-0017	STONE RIDGE	96073609	56,138.26
	ZMAP-2002-0022	TOWNES AT EAST GATE	99066557	3,522,518.34
	ZMAP-2004-0019	TREBURG	99067641	0.26
ZMAP-2006-0008	WHITE OAK CREST	99071264	740,593.92	
ZMAP-2005-0044	WOODBURN	99068359	943,491.08	
				<b>23,555,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Sterling Boulevard Extension</b>	ZMAP-2005-0038	TOWNES AT AUTUMN OAKS	99068700	\$28,000.00
				<b>\$28,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
<b>Transit Buses</b>	ZMAP-2004-0004	Estates at Elk Run	99067195	118,730.49
	ZMAP-2008-0007	Fairfield at Ryan's Corner	99070332	296,421.92
	ZMAP-2006-0007	Glascok Field at Stone Ridge	99071138	84,823.87
	ZMAP-2002-0005	Loudoun Station	99064848	22.94
	ZMAP-2006-0003	Morley Corner	99069013	0.38
	ZMAP-2005-0039	Victoria Station	99068232	0.40
				<b>\$500,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Round Hill - Sleeter Lake Park		CASH PROFFER INTEREST		\$173,462.00
				<b>\$173,462.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Town of Hamilton Pedestrian Improvements		CASH PROFFER INTEREST		\$566,414.00
				<b>\$566,414.00</b>

	ZMAP	Development	SEQ#	AMOUNT
Loudoun County High School Naval JROTC Facility Renovations		TOWN OF LEESBURG CASH PROFFERS		\$3,130,000.00
				<b>\$3,130,000.00</b>

	ZMAP	Development	SEQ#	AMOUNT
CS Monroe Center Conversion		TOWN OF LEESBURG CASH PROFFERS		\$1,750,000.00
				<b>\$1,750,000.00</b>

Scenario	Deferring ES-31 & Accelerating HS-9	Action	From	To
1				
	ES-31	Deferred	2017	2018
	HS-9	Accelerated	2019 - 2020	2018 - 2019
	Dulles Area Classroom Additions	Accelerated	2019	2017
	Ashburn Recreation and Community Center	Deferred	2017 - 2018	2019 - 2020
	Round Hill Fire Station Replacement	Accelerated	2019 - 2020	2017 - 2018
	Arcola Blvd (Rte. 50 – Dulles West Blvd)	Amended	2019 - 2020	2019
	Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)	Amended	2019 - 2020	2020 - 2022
	Braddock/ Summerall/ Supreme Intersection	Accelerated	2019	2017
	Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)	Accelerated	2020 – 2022	2019-2020
	Dulles West Blvd (Arcola Blvd – Northstar Blvd)	Deferred	2021 – 2022	2022
	Evergreen Mills Rd (Belmont Ridge – Stone Springs)	Accelerated	FFY	2018 - 2019
	Evergreen Mills Rd (Northstar - Belmont Ridge)	Addition	-	FFY
	Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)	Addition	-	2022
	Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)	Amended	2022	2022
	Route 7/ Route 287 Interchange	Addition	-	2022
	Route 7/ Route 690 Interchange	Accelerated	2019 - 2022	2017 - 2021
	Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)	Addition	-	2017 - 2020

Scenario	Deferring ES-31 & Accelerating HS-9	Action	From	To
1A				
	ES-31	Deferred	2017	2018
	HS-9	Accelerated	2019 - 2020	2018 - 2019
	Dulles Area Classroom Additions	Accelerated	2019	2017
	Synthetic Turf Installation	Accelerated	2021 - 2022	2018 - 2019
	Ashburn Recreation and Community Center	Deferred	2017 - 2018	2019 - 2020
	Round Hill Fire Station Replacement	Accelerated	2019 - 2020	2017 - 2018
	Arcola Blvd (Rte. 50 – Dulles West Blvd)	Amended	2019 - 2020	2019
	Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)	Amended	2019 - 2020	2020 - 2022
	Braddock/ Summerall/ Supreme Intersection	Accelerated	2019	2017
	Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)	Accelerated	2020 – 2022	2019-2020
	Dulles West Blvd (Arcola Blvd – Northstar Blvd)	Deferred	2021 – 2022	2022
	Evergreen Mills Rd (Belmont Ridge – Stone Springs)	Accelerated	FFY	2021 - 2022
	Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)	Addition	-	2022
	Evergreen Mills Rd (Northstar – Belmont Ridge)	Addition	-	FFY
	Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)	Amended	2022	2022
	Route 7/ Route 287 Interchange	Addition	-	2022
	Route 7/ Route 690 Interchange	Accelerated	2019 - 2022	2017 - 2021
	Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)	Addition	-	2017 - 2020

Scenario	Deferring ES-31 & Accelerating HS-9	Action	From	To
2				
ES-31		Deferred	2017	2018
HS-9		Accelerated	2019 - 2020	2018 - 2019
Dulles Area Classroom Additions		Accelerated	2019	2017
Countywide Area Classroom Additions		Deferred	2019	2021
Hal and Berni Hanson Regional Park		Deferred	2017	2018
Arcola Blvd (Rte. 50 – Dulles West Blvd)		Amended	2019 - 2020	2019
Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)		Amended	2019 - 2020	2020 - 2022
Braddock/ Summerall/ Supreme Intersection		Accelerated	2019	2017
Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)		Accelerated	2020 - 2022	2019 - 2020
Dulles West Blvd (Arcola Blvd – Northstar Blvd)		Deferred	2021 - 2022	2022
Evergreen Mills Rd (Belmont Ridge – Stone Springs)		Accelerated	FFY	2021 - 2022
Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)		Addition	-	2022
Evergreen Mills Rd (Northstar – Belmont Ridge)		Addition	-	FFY
Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)		Amended	2022	2022
Route 7/ Route 287 Interchange		Addition	-	2022
Route 7/ Route 690 Interchange		Accelerated	2019 - 2022	2017 - 2021
Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)		Addition	-	2017 - 2020

Scenario	Deferring ES-31	Action	From	To
3				
ES-31		Deferred	2017	2018
Dulles Area Classroom Additions		Accelerated	2019	2017
Countywide Area Classroom Additions		Maintained	2019	-
Synthetic Turf Installation		Accelerated	2021 - 2022	2020 - 2021
Arcola Blvd (Rte. 50 – Dulles West Blvd)		Amended	2019 - 2020	2019
Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)		Amended	2019 - 2020	2020 - 2022
Braddock/ Summerall/ Supreme Intersection		Accelerated	2019	2017
Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)		Accelerated	2020 – 2022	2019 - 2020
Dulles West Blvd (Arcola Blvd – Northstar Blvd)		Deferred	2021 – 2022	2022
Evergreen Mills Rd (Belmont Ridge – Stone Springs)		Accelerated	FFY	2018 - 2019
Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)		Addition	-	2022
Evergreen Mills Rd (Northstar – Belmont Ridge)		Addition	-	FFY
Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)		Amended	2022	2022
Route 7/ Route 287 Interchange		Addition	-	2022
Route 7/ Route 690 Interchange		Accelerated	2019 - 2022	2017 - 2021
Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)		Addition	-	2017 - 2020

Scenario	Deferring ES-31	Action	From	To
3A	ES-31	Deferred	2017	2018
	Dulles Area Classroom Additions	Accelerated	2019	2017
	Countywide Area Classroom Additions	Maintained	2019	2019
	Synthetic Turf Installation	Accelerated	2021 - 2022	2018 - 2019
	Arcola Blvd (Rte. 50 – Dulles West Blvd)	Amended	2019 - 2020	2019
	Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)	Amended	2019 - 2020	2020 - 2022
	Braddock/ Summerall/ Supreme Intersection	Accelerated	2019	2017
	Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)	Accelerated	2020 - 2022	2019 - 2020
	Dulles West Blvd (Arcola Blvd – Northstar Blvd)	Deferred	2021 - 2022	2022
	Evergreen Mills Rd (Belmont Ridge – Stone Springs)	Accelerated	FFY	2020 - 2021
	Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)	Addition	-	2022
	Evergreen Mills Rd (Northstar - Belmont Ridge)	Addition	-	FFY
	Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)	Amended	2022	2022
	Route 7/ Route 287 Interchange	Addition	-	2022
	Route 7/ Route 690 Interchange	Accelerated	2019 - 2022	2017 - 2021
	Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)	Addition	-	2017 - 2020

Scenario	Accelerating CROSSTRAIL BLVD	Action	From	To
4				
ES-31		Deferred	2017	2018
Countywide Area Classroom Additions		Deferred	2019	2021
Dulles Area Classroom Additions		Maintained	2019	2019
Synthetic Turf Installation		Accelerated	2021 - 2022	2020 - 2021
Arcola Blvd (Rte. 50 – Dulles West Blvd)		Amended	2019 - 2020	2019
Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)		Amended	2019 - 2020	2020 -2022
Braddock/ Summerall/ Supreme Intersection		Accelerated	2019	2017
Crosstrail Boulevard Segment B		Accelerated	2020	2017
Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)		Accelerated	2020 – 2022	2019 - 2020
Dulles West Blvd (Arcola Blvd – Northstar Blvd)		Deferred	2021 – 2022	2022
Evergreen Mills Rd (Belmont Ridge – Stone Springs)		Accelerated	FFY	2020 - 2021
Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)		Addition	-	2022
Evergreen Mills Rd (Northstar - Belmont Ridge)		Addition	-	FFY
Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)		Amended	2022	2022
Route 7/ Route 287 Interchange		Addition	-	2022
Route 7/ Route 690 Interchange		Accelerated	2019 - 2022	2017 - 2021
Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)		Addition	-	2017 - 2020

Scenario	Accelerating HS-9	Action	From	To
5				
	HS-9	Accelerated	2019 - 2020	2018 - 2019
	Countywide Area Classroom Additions	Maintained	2019	2019
	Dulles Area Classroom Additions	Accelerated	2019	2017
	Synthetic Turf Installation	Accelerated	2021 - 2022	2018 - 2019
	Ashburn Recreation & Community Center	Deferred	2017 - 2018	2019 - 2020
	Hal and Berni Hanson Regional Park	Deferred	2017	2020
	Arcola Blvd (Rte. 50 – Dulles West Blvd)	Amended	2019 - 2020	2019
	Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)	Amended	2019 - 2020	2020 - 2022
	Braddock/ Summerall/ Supreme Intersection	Accelerated	2019	2018
	Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)	Accelerated	2020 – 2022	2019 - 2020
	Dulles West Blvd (Arcola Blvd – Northstar Blvd)	Deferred	2021 – 2022	2022
	Evergreen Mills Rd (Belmont Ridge – Stone Springs)	Accelerated	FFY	2018 - 2019
	Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)	Addition	-	2022
	Evergreen Mills Rd (Northstar - Belmont Ridge)	Addition	-	FFY
	Northstar Blvd (Tall Cedars Pkwy – Braddock Rd)	Amended	2022	2022
	Route 7/ Route 287 Interchange	Addition	-	2022
	Route 7/ Route 690 Interchange	Accelerated	2019 - 2022	2017 - 2021
	Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)	Addition	-	2017 - 2020

Scenario	TRANSPORTATION ONLY	Action	From	To
6				
	Arcola Blvd (Route 50 – Dulles West Blvd)	Amended	2019 - 2020	2019
	Arcola Blvd (Dulles West Blvd – Evergreen Mills Rd)	Amended	2019 - 2020	2020 & 2022
	Dulles West Blvd (Arcola Blvd – Loudoun Co. Pkwy)	Accelerated	2020 - 2022	2020 - 2021
	Dulles West Blvd (Arcola Blvd – Northstar)	Deferred	2021 - 2022	FFY
	Evergreen Mills Rd (Northstar – Belmont Ridge)	Addition	-	FFY
	Evergreen Mills Rd (Belmont Ridge – Stone Springs)	Accelerated	FFY	2020 - 2021
	Evergreen Mills Rd (Stone Springs – Loudoun Co. Pkwy)	Addition	-	2022
	Route 7/ Route 690 Interchange	Accelerated	2019 - 2022	2019 - 2021
	Route 7/ Route 287 Interchange	Addition		2022
	Shellhorn Rd (Loudoun Co. Pkwy – Moran Rd)	Addition		2017 - 2020

**CLOSED SESSION MOTIONS**  
**Board of Supervisors**  
**Finance/Government Operations and Economic Development Committee**  
**March 8, 2016**

**Motion for Convening Closed Session**

I move that the Finance/Government Operations and Economic Development Committee recess this public meeting and enter into closed session pursuant to Virginia Code Section 2.2-3711(A) (7) for actual or probable litigation and for consultation with legal counsel and briefings by staff on the contract with AST Corporation for the implementation of ERP.

**Motion to Adjourn Closed Session:**

I move that the closed session be adjourned, that the Finance/Government Operations and Economic Development Committee reconvene its public meeting, and that the minutes of the public meeting should reflect that no formal action was taken in the closed session.

**Motion to Certify Closed Session:**

I move that the Resolution Certifying the Closed Session be adopted and reflected in the minutes of this public meeting:

Resolution Certifying Closed Session

Whereas, the Finance/Government Operations and Economic Development Committee this 8th day of March, 2016, convened in closed session by an affirmative recorded vote and in accordance with the provisions of the Virginia Freedom of Information Act:

Now, therefore, be it resolved that the Finance/Government Operations and Economic Development Committee does hereby certify that to the best of each member's knowledge, (1) only public business matters lawfully exempted from open meeting requirements under the Freedom of Information Act were discussed in the closed session to which this certification applies; and (2) only such public business matters as were identified in the motion by which the said closed session was convened were heard, discussed or considered by the Finance/Government Operations and Economic Development Committee.