

GO COMMITTEE #9
May 2, 2019

Worksession

MEMORANDUM

April 30, 2019

TO: Government Operations and Fiscal Policy Committee

FROM: Jean C. Arthur, ^{JCA} Legislative Analyst

SUBJECT: **Worksession: FY20 Operating Budget – Non-Departmental Accounts:
Boards, Committees and Commissions
Metropolitan Washington Council of Governments
County Associations
Inauguration and Transition
Public Technology, Inc.**

PURPOSE: Make recommendations on appropriations for certain non-departmental accounts

The following persons are expected at this worksession:
Sonetta Neufville, Administrative Specialist III, County Executive Office
Jane Mukira, Office of Management and Budget

Budget Summary:

- The NDAs included in this memorandum mostly pay the County's dues as members of regional organizations.

Council Staff Recommendation:

- **Approve as recommended by the County Executive.**

OVERVIEW

Before the Committee today are funding requests for several non-departmental accounts. The County Executive's recommended FY20 budget recommendations for these accounts are shown in the table below.

NDA	FY19 Approved	FY20 CE Recommended
Boards, Committees and Commissions	\$22,950	\$22,950
Council of Governments	\$876,710	\$1,582,391
County Associations	\$74,728	\$74,728
Inauguration	\$50,000	\$0
Public Technology, Inc.	\$20,000	\$20,000

DETAILS

Boards, Committees and Commissions ©1

Currently, the County Government has approximately 86 boards, committees and commissions created by law or resolution. Members on seven boards or commissions are compensated for their time. Some, including the Board of Appeals and the Board of Investment Trustees, have full-time staff.

Metropolitan Washington Council of Governments ©2

This account pays the County's portion of COG's operating expenses and special COG initiatives. COG is a voluntary association of major local governments in the Washington Metropolitan area. COG aims to develop regional responses to issues affecting member jurisdictions. Below is a breakdown of the County's payments to COG.

MWCOG FUND (\$)	FY19 Approved	FY20 Recommended	Change From FY19
General	\$669,681	705,725	\$36,044
Regional Environmental Fund	\$119,129	131,399	\$12,270
Anacostia Restoration Fund	\$88,046	88,046	\$0
UASI		657,221	657,221
TOTAL Tax Supported	\$876,856	1,582,391	\$705,535
Billed to WSSC			
Regional Water Fund	\$285,139	308,400	\$23,261
Blue Plains Users			
TOTAL Paid by WSSC	\$285,139	308,400	\$23,261
GRAND TOTAL	\$1,158,609	1,890,791	\$728,796

Urban Area Security Initiative Grant

Shift from Montgomery County Police to COG: Urban Area Security Initiative Grant: Police Replacement Funding \$510,382

- Automated Fingerprint Identification Systems, \$345,436
- License Plate Readers, \$164,946

Shift from Department of Technology Services to COG: Urban Area Security Initiative Grant: Technology Services \$146,839

- Identity and Access Management Service, \$74,403
- NCR Geospatial Data Exchange and Index, \$72,436

Total UASI funds shifted \$657,221

The Urban Area Security Initiative program gives grants to major metropolitan areas throughout the United States to enhance regional preparedness. The UASI program directly supports expanding regional collaboration and is meant to assist participants in their creation of regional systems for prevention, protection, response, and recovery. States are required to ensure that at least 25 percent of appropriated funding is dedicated to terrorism prevention planning, organization, training, exercise, and equipment.¹

In this area, Metro Washington Council of Governments coordinates the grants for the region. Recently, COG's Homeland Security Executive Committee has decided that some of the programs funded by UASI are more closely aligned with regular policing and should be funded by the respective local government. These projects are to transition from UASI funding to local funding in FY20.

Beginning in FY20 COG's new Regional Public Safety Fund will manage the UASI funds associated with the projects listed above. Each participating jurisdiction is shifting certain UASI funds, as listed above, to the COG Regional Public Safety Fund. Each jurisdiction will continue running the program and will request reimbursement from COG, who, with the help of subject-matter experts, will determine, if the project for which reimbursement was sort is appropriately funded through UASI grants.

The memorandum on circles 6-18 details MWCOG's plans for transitioning these projects from UASI funding.

County Associations ©3

This account pays the County's dues to the Maryland Association of Counties and the National Association of Counties.

MACo:	\$55,292
NACo:	\$19,436
Total	\$74, 728

¹ Fiscal Year (FY) 2010 Homeland Security Grant Program (HSGP) Frequently Asked Questions (FAQs)"

Inauguration & Transition ©4

	FY19 Approved	FY20 Recommended
Inauguration & Transition	\$50,000	\$0

The County will not hold an inauguration or have a transition during FY20.

Public Technology, Inc. ©5

Public Technology, Inc. supports local governments through research, education, executive-level consulting services, and national recognition programs. PTI works to identify research opportunities, share solutions, recognize member achievements and address the many technology issues that impact local government. PTI has a close relationship with the National League of Cities, National Association of Counties and International City/County Management Association. Montgomery County's dues for FY20 are \$20,000.

Staff Recommendation: Approve the recommended budget for the non-departmental accounts listed above as recommended by the County Executive.

cultivates and supports excellence in the arts and humanities, expands access to cultural expression, and contributes to economic vitality in the region. AHCMC provides leadership that sustains arts and humanities organizations, artists and scholars, and inspires participation in our County's cultural assets. Through its programs and services, AHCMC provides the infrastructure and support necessary to maintain a robust creative community that includes over 500 cultural organizations and 2,000 artists and scholars. AHCMC annually distributes grants to organizations and individuals to help fund enriching cultural activities in our County (www.creativemoco.com/grants/grants-awarded).

AHCMC is headquartered in Silver Spring and receives support from the Maryland State Arts Council, corporations, organizations and individuals.

Funding for maintenance of public art is allocated in the Public Arts Trust Capital Improvements Program (CIP) project.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	5,356,943	0.00
FY20 Recommended	5,356,943	0.00

☀ **Boards, Committees and Commissions**



There are approximately 75 boards, committees, and commissions, created by law or resolution, which serve the County for a variety of purposes. These funds provide for the reimbursement of certain expenses incurred by eligible members of boards, committees, or commissions while on official business and/or for expenses related to the establishment of any new boards, committees, or commissions.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	22,950	0.00
FY20 Recommended	22,950	0.00

☀ **Charter Review Commission**

Section 509 of the County Charter requires that a Charter Review Commission be appointed by the County Council every four years, within six months of the Council assuming office, for the purpose of reviewing the Charter for notetual amendments. The Commission shall report at least once to the Council on the Commission's activities within one year after appointment. Commission reports shall be submitted no later than May 1 of every even-numbered year. The reports shall contain recommendations concerning proposed Charter amendments, if any. This NDA provides for the expenses of the Commission.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	150	0.00
Increase Cost: Charter Review Commission - Biennial Workload Adjustment	1,000	0.00
FY20 Recommended	1,150	0.00

☀ **Children's Opportunity Fund**

The Children's Opportunity Fund (COF) NDA was established in partnership with the Greater Washington Community



FY20 Recommended Changes	Expenditures	FTEs
Increase Cost: Net increase in Chargebacks	22,316	0.00
Decrease Cost: Lease Negotiation savings	(75,764)	0.00
Decrease Cost: Reduced Maintenance Costs	(189,539)	0.00
Decrease Cost: African American Health Program Lease - Remove FY19 buildout cost	(225,000)	0.00
FY20 Recommended	21,179,577	0.00

☀ Legislative Branch Communications Outreach

This NDA provides funds to strengthen the capacity of five Legislative Branch offices (the Council Office, the Office of Legislative Oversight, the Board of Appeals, the Office of Zoning and Administrative Hearings, and the Office of the Inspector General) to inform constituent communities of issues that directly affect them and to ensure that these communities' concerns are effectively taken into account. Communications efforts supported by this NDA include expanded outreach in Spanish and other languages, greater use of web and social media resources, Open Government initiatives, and improved management of constituent requests.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	540,000	2.00
Increase Cost: Operating Expenses	200,000	0.00
Increase Cost: Annualization of Council-Approved FY19 Supplemental Appropriation	140,213	1.00
Increase Cost: FY20 Compensation Adjustment	8,973	0.00
Increase Cost: Retirement Adjustment	814	0.00
FY20 Recommended	890,000	3.00



☀ Metro Washington Council of Governments

The Metropolitan Washington Council of Governments (COG) is a voluntary association of major local governments in the Washington Metropolitan Area. COG seeks to provide regional answers to, and coordination of, area-wide issues such as air and water pollution, day care, housing, crime, water supply, land use, and transportation.

This NDA reflects Montgomery County's share of the organization's operation plus special COG initiatives. Additionally, the contribution supports the Cooperative Purchasing Program; the Anacostia Restoration Fund; and the Regional Environmental Fund.

As in previous years, the Washington Suburban Sanitary Commission will provide Montgomery County's contribution to support the Water Resources Management Planning Program and the Blue Plains Users Program.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	876,710	0.00
Shift: Urban Area Security Initiative Grant: Police Replacement Funding	510,382	0.00
Shift: Urban Area Security Initiative Grant: Technology Services Replacement Funding	146,839	0.00
Increase Cost: Anacostia Restoration Fund	48,460	0.00
FY20 Recommended	1,582,391	0.00

Funding is also included to reimburse the contractor for costs not covered by operations during accounting periods when losses occur. These costs will be offset by contractor payments to the County during accounting periods with operating gains. To ensure fiscal and operational accountability, a management audit is conducted every two years and the program budget is increased by \$50,000 during the year such audit is scheduled. Revenues consisting of net operating income from the Conference Center and land rent from the hotel are deposited into the general fund. Twenty percent of the County's net proceeds from Conference Center operations is retained for investment in marketing and facility improvements to increase Conference Center usage. All proposed investment expenditures are reviewed and approved by the Conference Center Management Committee.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	601,464	1.00
Increase Cost: Conference Center - Management Audit	50,000	0.00
Increase Cost: FY20 Compensation Adjustment	6,003	0.00
Increase Cost: Annualization of FY19 Personnel Costs	4,021	0.00
Increase Cost: Retirement Adjustment	1,026	0.00
FY20 Recommended	662,514	1.00

☀ **Consolidated Retiree Health Benefit Trust - College**

This NDA provides consolidated funding for Montgomery College's contribution to the Retiree Health Benefits Trust.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	2,845,000	0.00
Increase Cost: County Contribution Based on Actuarial Valuation	2,546,000	0.00
FY20 Recommended	5,391,000	0.00

☀ **Consolidated Retiree Health Benefit Trust - MCPS**

This NDA provides consolidated funding for Montgomery County Public Schools' contribution to the Retiree Health Benefits Trust.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	79,405,000	0.00
Increase Cost: Additional Contribution to the Retiree Health Benefits Trust for Prior Utilization	9,000,000	0.00
Decrease Cost: County Contribution Based on Actuarial Valuation	(9,872,000)	0.00
FY20 Recommended	78,533,000	0.00



☀ **County Associations**

This NDA funds Montgomery County membership dues to the National Association of Counties (NACo) and the Maryland Association of Counties (MACo).

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	74,728	0.00

☼ Homeowners' Association Road Maintenance Reimburse

This NDA provides a partial reimbursement to homeowners' associations (HOAs) for their maintenance of certain privately-owned roadways. The payment is currently restricted to through roadways, accessible to the public, which are one-quarter mile or longer and which provide vehicular access to more than four dwelling units. In FY97, an Executive Regulation was enacted allowing homeowners' associations to request that their roadways be deemed "private maintenance roads." This designation qualifies the HOAs for State reimbursement of their roadway maintenance costs. The County annually submits to the State its estimate of reimbursable miles, including those accepted as private maintenance roads. The State then reimburses the County and, subsequently, the County forwards the funds to HOAs.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	62,089	0.00
FY20 Recommended	62,089	0.00

☼ Housing Opportunities Commission

The Housing Opportunities Commission of Montgomery County (HOC) is a public body corporate and politic duly organized under Division II of the Housing and Community Development Article of the Annotated Code of Maryland, commonly known as the Housing Authorities Law. The Commission acts as a builder, developer, financier, owner, and manager of housing for people of low- and moderate- (eligible) income. The Commission also provides eligible families and individuals with affordable housing and supportive services.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	6,680,270	0.00
Increase Cost: Annualization of Personnel Costs	220,000	0.00
Increase Cost: Reimbursement of Increased Rental License Fees for Acquisition of Additional Rental Units	21,384	0.00
Decrease Cost: Miscellaneous Operating Expenses to Meet the 2% Reduction Goal	(133,605)	0.00
FY20 Recommended	6,788,049	0.00



☼ Inauguration and Transition

The Montgomery County Charter provides for the quadrennial election of a County Executive and County Council. This NDA provides for a ceremony and smooth transition of the County Executive and County Council every four years.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	50,000	0.00
Decrease Cost: Inauguration and Transition	(50,000)	0.00
FY20 Recommended	0	0.00

☼ Incubator Programs - Economic Development Partnership

This NDA provides for facility lease payments and facility, program, and portfolio management services for the County's Business Innovation Network (BIN) facilities, and program funding for the Business Incubator Without Walls Program (for

The Department of Police manages this account with the assistance of the County Attorney. All bills are reviewed to determine the appropriateness of the medical expense reimbursement and to assess the responsible party for the medical expense.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	20,000	0.00
FY20 Recommended	20,000	0.00

☀ **Public Elections Fund**

Article IV of Chapter 16 of the County Code requires the Director of Finance to create a Public Election Fund to provide public campaign financing for qualified candidates for County Executive or County Council. The law is intended to encourage more candidates who do not have access to large contributions from interest groups or individuals to run for County elective offices. This NDA provides for the distribution of public contributions to qualified candidates in a contested election.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	0	0.00
FY20 Recommended	0	0.00

☀ **Public Technology, Inc.**



Funds are budgeted each year to continue membership in Public Technology, Inc. (PTI) as the County's research and development link with the National Association of Counties. Annual dues cover research and development assistance for innovative projects; access to a computerized information-sharing network; and membership in the Urban Consortium. The County participates in, and has received grants as a result of, initiatives in task forces on energy, solid waste, and telecommunications. PTI, as an organization, specializes in the research and assessment of ideas of interest to local governments for increasing efficiency, reducing costs, improving services, and solving problems. A current emphasis is on public enterprise, toward helping local governments identify and capture potential sales from products and information that are outcomes of government investment.

FY20 Recommended Changes	Expenditures	FTEs
FY19 Approved	20,000	0.00
FY20 Recommended	20,000	0.00

☀ **Retiree Health Benefits Trust**

Consolidated Retiree Health Benefits Trust: Beginning in FY08, the County implemented a plan to set aside funds for retiree health benefits, similar to the County's 50 year-old practice of prefunding for retiree pension benefits. Due to exponential growth in expected retiree health costs, the County had determined the cost of funding these benefits, which were being paid out as the bills came due, would become unaffordable. Setting aside money now and investing it in a Trust Fund, which is invested in a similar manner as the pension fund, not only is a prudent and responsible approach but will result in significant savings over the long term.

The County's approach to address retiree health benefits funding is to determine an amount which, if set aside on an annual basis and actively invested through a trust vehicle, will build up over time and provide sufficient funds to pay future retiree health



MEMORANDUM

TO: Chief Administrative Officers' (CAO) Committee
FROM: Tim Hemstreet, Chair, National Capital Region (NCR) Homeland Security Executive Committee (HSEC) and Country Administrator, Loudoun County
SUBJECT: Transitioning Urban Area Security Initiative (UASI) Projects
DATE: October 1, 2018

OVERVIEW

This memorandum and attachments document the recommendations discussed and the consensus reached at the CAO Committee meeting on September 5, 2018 regarding projects proposed for transition from Urban Area Security Initiative Funding to local government funding in FY 2020. Background on each project is provided, as well as a proposed funding allocation. COG's administrative coordination support role, using funds provided through the new Regional Public Safety Fund is identified to assist with a smooth transition and thereby maintain critical regional capabilities.

UASI GRANT FUNDING IN THE NCR

Since its inception, the intent of the federally funded Urban Area Security Initiative (UASI) program has been to enhance regional terrorism preparedness in major metropolitan areas by developing integrated systems for prevention, protection, response, and recovery. The UASI program provides financial assistance to address the unique regional, multi-discipline terrorism preparedness planning, organization, equipment, training, and exercise needs of high-threat, high-density urban areas. However, many capabilities which support terrorism preparedness simultaneously support preparedness for other hazards, including natural disasters and other major incidents. The current year UASI funding level for the region is \$52 million, 80% of which (\$41.6 million) supports regional projects and programs.

The National Capital Region Homeland Security Executive Committee (HSEC) exists to help jurisdictions within the NCR anticipate and prepare for homeland security and public safety situations that require regional communication, coordination and response. Membership on HSEC includes senior appointed officials from 8 local governments in the NCR, state homeland security advisors and emergency management directors, and the Director of FEMA's Office of National Capital Region Coordination. The HSEC serves as the officially designated Urban Area Working Group (UAWG) and in this role is responsible for allocation decisions for the regional share of UASI funding (80% of the total grant).

HSEC members work to establish and communicate a shared perspective across local, state, and federal decision-makers on the risks and unmet homeland security and public safety needs of the region. The intent of regional alignment is to set direction, collect information on threats and opportunities, assess gaps, and determine how to focus spending to address risks.

As defined by the HSEC, UASI funding is intended to:

- Buy down additional risk across the NCR (e.g., addressing gaps in capability);
- Develop or validate regional capabilities within the NCR rather than fund baseline capabilities;
- Utilize after-action reports from real world events, trainings, and exercises to evaluate the NCR's ability to prevent, prepare for, and respond to similar incidents;
- When appropriate, expedite the development of a prioritized regional capability;
- Provide an opportunity to determine whether a project is feasible on a regional scale by piloting it on a sub-regional or local scale;
- Provide "seed funding" to new, high-impact projects that will be sustained through other funding sources;
- Support shared regional learning experiences;
- Facilitate collaborative initiatives across the NCR; and
- Ensure the implementation of all components of the planning, organizing, equipping, training, and exercising (POETE) spectrum.

HSEC policy is that UASI funding *is not* intended to operate, maintain, or sustain a program, capability, etc., in perpetuity; or invest in something that has an exclusively local value; or supplant a current capability.

With this guidance clearly identified by and for the HSEC, the committee came to consensus that, in order to support new and innovative initiatives that clearly meet the intent of UASI funding, some appropriate legacy projects would begin the process of transitioning off of UASI onto other sources of funding or resource methodology. In the current grant year, over 90% of the UASI grant has been devoted to sustainment projects – thereby limiting opportunity for funding high priority regional needs. New priority programs that HSEC seeks to fund include: Cyber Security, Response to Complex Coordinated Attacks and any new or emerging threat.

PROJECTS IDENTIFIED FOR TRANSITION OFF UASI IN FY 2020

The listing below summarizes each project proposed for transition in FY 2020. Attached to this memorandum are more detailed descriptions of the projects, the current funding levels, and individual jurisdiction allocations using the per capita allocation system.

The HSEC leveraged the Subject Matter Experts on its cross disciplinary Advisory Council to identify and make recommendations on these transition programs. This group assessed the entire UASI portfolio using several criteria such as if the capability is now considered a standard and if it is used to deliver service on a day to day basis.

Projects the HSEC has identified to begin the transition off of UASI funding, including the projects designated to be supported with funds other than UASI, should not be considered undervalued by the region. On the contrary—for the identified projects, transitioning away from UASI funding indicates a dedication to a longer-lasting, stable investment from the region.

AUTOMATED FINGERPRINT IDENTIFICATION SYSTEM (AFIS)

AFIS allows for the rapid search of latent fingerprints from crime scenes developed through the arrest/booking process from multiple agencies in the NCR. The combined effort of AFIS data in the region has resulted in an arrest database with two million records on three independent, yet connected, sites available to all approved law enforcement personnel.

NCR GEOSPATIAL DATA EXCHANGE (NCRGDX)

The NCR NCRGDX provides a known, common platform for the exchange of contextual and emergency event related geospatial data for emergency management and response. Computer aided dispatch (CAD) to geospatial information systems (CAD2GIS), a component of the NCRGDX program, assists in multi-jurisdictional and local emergency event coordination. CAD2GIS gives incident or area commanders a view into the status and location of fire and rescue units and incidents that no other system can provide. NCRGDX helps leaders and responders to understand a situation through the power of maps garnered from the authoritative sources, the actual municipalities experiencing the incident.

LICENSE PLATE READERS (LPR)

The NCR Law Enforcement LPR program collects and allows authorized personnel to rapidly access regional LPR data to receive early warnings about potential threats, support investigations, and conduct day-to-day law enforcement activities. LPR cameras capture photos of license plates, convert them to data, and compare them to stolen car, wanted person, unregistered vehicle, and other databases. When a match occurs, the system alerts law enforcement so they can respond promptly. Developed and maintained by UASI funds, the LPR program includes mobile, portable, and fixed cameras that share information between more than two dozen federal, state, local, and regional law enforcement partners.

IDENTITY AND ACCESS MANAGEMENT SERVICES (IAMS)

IAMS allows first responders and other emergency support functions (ESF) in the NCR to use a single, familiar username/email address and strong password combination to access regional and shared applications. This concept of "single credential" that is used for any authorized application is a faster, easier, trusted and secure common utility, that does not require additional regional credentialing administration overhead.

FUNDING STRATEGIES

COG can provide administrative assistance to the region to facilitate a coordinated and smooth transition using funding provided through the new Regional Public Safety fund for AFIS, IAMS, LPR equipment and NCR-GDX. The proposed allocations for each project are included in the project summaries attached to this memorandum and are based on a per-capita allocation for participating jurisdictions. The current approach will be to maintain the program management with the current host jurisdiction. Through a regional MOU, COG would be the administrator of the project fund contributions from each jurisdiction and would then reimburse the host jurisdiction for costs associated with the program as defined in the MOU.

As stated in the last COG CAO meeting, it is important to stress the value of full participation by all jurisdictions. This not only sustains these critical capabilities in the region but also builds justification for inclusion in local budgets by demonstrating all localities see this as a priority.

COG'S COMMITMENT TO SUPPORT, FACILITATE AND COORDINATE UASI TRANSITION

The region is moving towards a multi-year planning process to better forecast regional requirements and maintain an ongoing prioritization list. COG, in its lead role for supporting HSEC as well as the Chief Administrative Officers and COG member jurisdictions, is committed to working with the State Administrative Agency, regional leaders, and subject-matter experts in creating a transparent, consistent UASI process that blends the appropriate amount of leadership guidance and autonomy from committee members while ensuring that the appropriate level of information is still available to inform decision-making. COG is committed to helping the region achieve its priorities through the fostering of collaboration, continued support to the HSEC and its Advisory Council, and development of decision-support materials. As with the NCR's UASI solution development process, COG will facilitate planning for the projects involved in the transition process.



IDENTITY AND ACCESS MANAGEMENT SERVICE (IAMS)

DAY-TO-DAY IMPACTS

IAMS allows first responders and other homeland security and public safety personnel in the National Capital Region (NCR) to use a single, familiar username/email address and password combination to access regional and shared applications. IAMS has shown unprecedented impacts in information technology (IT) and security. The following programs and projects leverage IAMS to rapidly provision, authenticate, and control access to internal systems:

- Northern Virginia Emergency Response System (NVERS)
- Maryland Emergency Response System (MDERS)
- Everbridge Manager (Fairfax County)
- National Capital Region Geospatial Data Exchange (NCR GDX)
- MugShots (Northern Virginia and Montgomery County)
- COG

LONG-TERM RETURN ON INVESTMENT

Cyber security is a constant, dangerous threat and perpetual requirement, and is thus a critical priority for the region. IAMS is an IT security best practice that enhances trust, collaboration, and information sharing in cross-jurisdictional lines of business by allowing partners to access shared NCR services and applications using their own identification credentials, thus saving the cost of establishing additional individual credentials for accessing shared systems when needed.

Since June 2013, IAMS has allowed authorized users with local entity-issued credentials to access regional applications without changing existing architecture or protocols. IAMS allows first responders to utilize their local credentials to log in to both local and regional applications integrated with IAMS.

IAMS has fostered regional identity interoperability among more than 20 federal, state, and local government entities and partners. This group of IAMS-integrated (and NCR Network-connected) organizations manages locally maintained identities which are used to access IAMS-enabled regional applications. IAMS lowers the development costs and improves the security posture of new and existing information systems, and can instantly and automatically block user access to IAMS-enabled regional applications.

COST

The fiscal year (FY) 2018 cost to maintain the IAMS capability is \$394,117, which covers the cost of system maintenance, software licenses, personnel to manage IAMS and provide technical assistance.

PROPOSED ALLOCATION FOR JURISDICTIONAL BUDGETS

The recommended course of action, supported by the CAOs, includes a central fund managed by COG and the development of memoranda of understanding (MOU) between COG and the organizations and localities currently managing the program.

The table below reflects the proposed allocations per jurisdiction to fund this project in local FY 2020. Only those jurisdictions participating in the project are included in the allocation.

Jurisdiction	Population ¹	Proposed Allocation ²
Alexandria, City of	159,000	\$11,245
Arlington County	238,300	\$16,854
District of Columbia	724,300	\$51,226
Fairfax, City of	25,600	\$1,811
Fairfax County	1,161,800	\$82,169
Falls Church, City of	14,200	\$1,004
Frederick County	267,800	\$18,940
Gaithersburg, City of	70,700	\$5,000
Loudoun County	424,000	\$29,988
Manassas, City of	43,800	\$3,098
Montgomery County	1,052,000	\$74,403
Prince George's County	923,100	\$65,287
Prince William County	467,900	\$33,092
TOTAL	5,572,500	\$394,117

¹The population figures are derived from the approved COG FY 2020 Work Program and Budget document which uses data certified by each jurisdiction's chief administrative officer.

²The allocations were calculated on a per capita basis using the FY 2018 UASI amount requested by each program in their FY 2018 solution development worksheet.



NATIONAL CAPITAL REGION (NCR) LAW ENFORCEMENT LICENSE PLATE READERS (LPR)

DAY-TO-DAY IMPACTS

The NCR Law Enforcement LPR program collects and allows authorized personnel to rapidly access regional LPR data to receive early warnings about potential threats, support investigations, and conduct day-to-day law enforcement activities. Images captured by LPR cameras are converted to data using optical character recognition (OCR) technology and then compared to customizable "hot lists" that can contain information on vehicles related to auto thefts, AMBER alerts, outstanding warrants, emissions testing violations, failure to properly register, and other agency-defined information. If an alert or "hit" occurs, the jurisdiction that owns the LPR notifies a regional Terror Screening Center operated by the Federal Bureau of Investigation (FBI) and responds as needed.

Developed and maintained by NCR Urban Areas Security Initiative (UASI) funds, the LPR program includes mobile, portable, and fixed cameras that share information between more than two dozen federal, state, local, and regional law enforcement partners. LPRs are deployed strategically on busy roadways; help secure vital areas such as airports, ports, and transit stations; and are also highly effective tools for recovering stolen vehicles and addressing issues with vehicle registration and emissions testing. LPR systems can observe and record over 1,000 license plates an hour, depending on lighting and weather conditions. LPR systems scan over 500,000 license plates each day in Washington, DC alone.

LONG-TERM RETURN ON INVESTMENT

The LPR program includes 37 fixed cameras and 15 trailers with mobile cameras attached that are available for regional deployment. There are also police vehicles in each jurisdiction that have up to two mobile cameras on them to monitor vehicles and four covert cameras available for use. 29 entities within the NCR participate in the LPR program.

Subject-matter experts report that the LPR project's early warning and investigate capabilities are critical to regional efforts to combat terrorism. Detecting the approach of vehicles connected to a threat can allow for protective measures to be taken, such as closing access points, raising barriers, or deploying additional personnel. For investigations, LPR data permits the reconstruction of events and timelines, and allows for the identification of other vehicles related to terror threats or criminal activity.

COST

The NCR invested \$13,126,794 in UASI funds in the LPR program between 2008 and 2016. The fiscal year (FY) 2018 cost to maintain the LPR capability is \$1,850,000, which includes replacing aging computer infrastructure.

PROPOSED ALLOCATION FOR JURISDICTIONAL BUDGETS

The recommended course of action, supported by the CAOs, includes a central fund managed by COG and the development of memoranda of understanding (MOU) between COG and the organizations and localities currently managing the program.

The table below reflects the proposed allocations per jurisdiction to fund this project in local FY 2020. Only those jurisdictions participating in the project are included in the allocation.

Jurisdiction	Population ¹	Proposed Allocation ²
Alexandria, City of	159,000	\$24,930
Arlington County	238,300	\$37,364
Bladensburg, Town of	9,600	\$1,505
Bowie, City of	60,200	\$9,439
Charles County	167,000	\$26,184
College Park, City of	33,000	\$5,174
District of Columbia	724,300	\$113,565
Fairfax, City of	25,600	\$4,014
Fairfax County	1,161,800	\$182,162
Falls Church, City of	14,200	\$2,226
Frederick, City of	72,050	\$11,297
Frederick County	267,800	\$41,989
Gaithersburg, City of	70,700	\$11,085
Greenbelt, City of	23,900	\$3,747
Hyattsville, City of	19,000	\$2,979
Laurel, City of	26,300	\$4,124
Loudoun County	424,000	\$66,480
Manassas, City of	43,800	\$6,868
Manassas Park, City of	16,805	\$2,635
Montgomery County	1,052,000	\$164,946
Prince George's County	923,100	\$144,735
Prince William County	467,900	\$73,363
Rockville, City of	72,200	\$11,320
Takoma Park, City of	18,300	\$2,869
TOTAL	6,090,855	\$955,002

¹The population figures are derived from the approved COG FY 2020 Work Program and Budget document which uses data certified by each jurisdiction's chief administrative officer.

²The allocations were calculated on a per capita basis using the FY 2018 UASI amount requested by each program in their FY 2018 solution development worksheet.



AUTOMATED FINGERPRINT IDENTIFICATION SYSTEM (AFIS)

DAY-TO-DAY IMPACTS

The National Capital Region (NCR) AFIS provides a secure platform to rapidly search and compare latent fingerprints from crime scenes against a criminal database of more than two million arrest records that includes fingerprints, palm prints, mugshots, and demographic information. The data saved and retrieved from the AFIS database assists law enforcement personnel in solving crimes by matching latent prints with individuals who have a criminal history. The system also supports terrorism preparedness through data links with the Federal Bureau of Investigation's (FBI) Terrorist Screening Center Watch List.

Mobile AFIS, employed by officers in the field, identifies whether individuals have criminal records in the NCR within moments of contact with officers. Results are returned within five seconds of submitting a query. The Urban Areas Security Initiative (UASI) program provides the hardware and other equipment that enables data sharing, including:

- 75 LiveScan booking stations,
- Four regionally shared mugshot systems, and
- 900 mobile devices that officers carry with them in the field.

LONG-TERM RETURN ON INVESTMENT

The UASI program funds AFIS equipment and its annual maintenance, but not personnel costs. Law enforcement uses AFIS an average of over 21,000 times per month to identify a suspect or document a crime.

COST

The NCR invested \$38,721,884 of UASI funds in the AFIS program between 2005 and 2016. The fiscal year (FY) 2018 cost to maintain the AFIS capability is \$2,000,000, which covers the cost of system maintenance, equipment replacement, and training personnel.

PROPOSED ALLOCATION FOR JURISDICTIONAL BUDGETS

The recommended course of action, supported by the CAOs, includes a central fund managed by COG and the development of memoranda of understanding (MOU) between COG and the organizations and localities currently managing the program.

The table below reflects the proposed allocations per jurisdiction to fund this project in local FY 2020. Only those jurisdictions participating in the project are included in the allocation.

Jurisdiction	Population ¹	Proposed Allocation ²
Alexandria, City of	159,000	\$52,209
Arlington County	238,300	\$78,248
Bladensburg, Town of	9,600	\$3,152
Bowie, City of	60,200	\$19,767
Charles County	167,000	\$54,836
College Park, City of	33,000	\$10,836
District of Columbia	724,300	\$237,832
Fairfax, City of	25,600	\$8,406
Fairfax County	1,161,800	\$381,490
Falls Church, City of	14,200	\$4,663
Frederick, City of	72,050	\$23,658
Frederick County	267,800	\$87,935
Gaithersburg, City of	70,700	\$23,215
Greenbelt, City of	23,900	\$7,848
Hyattsville, City of	19,000	\$6,239
Laurel, City of	26,300	\$8,636
Loudoun County	424,000	\$139,225
Manassas, City of	43,800	\$14,382
Manassas Park, City of	16,805	\$5,518
Montgomery County	1,052,000	\$345,436
Prince George's County	923,100	\$303,110
Prince William County	467,900	\$153,640
Rockville, City of	72,200	\$23,708
Takoma Park, City of	18,300	\$6,009
TOTAL	6,090,855	\$2,000,000

¹The population figures are derived from the approved COG FY 2020 Work Program and Budget document which uses data certified by each jurisdiction's chief administrative officer.

²The allocations were calculated on a per capita basis using the FY 2018 UASI amount requested by each program in their FY 2018 solution development worksheet.



NATIONAL CAPITAL REGION (NCR) GEOSPATIAL DATA EXCHANGE (GDX) AND INDEX (CAD2GIS)

DAY-TO-DAY IMPACTS

NCR GDX is a system that streamlines regional data sharing of geospatial information between jurisdictions, tiers of government, and regional partners. It improves situational awareness and provides planners and emergency managers with event-related geospatial information system (GIS) data during regional emergencies or planned events. The INDEX (CAD2GIS) component provides map feeds of fire and rescue vehicle locations and incidents. Access to the map feeds is controlled through NCRGDX.

CAD2GIS can be used with any NCR participant's computer-aided dispatch (CAD) system to publish and share vehicle and incident locations.

LONG-TERM RETURN ON INVESTMENT

During Hurricane Sandy, users posted data links related to storm activities, such as local road closures, storm inundation, flood zones, early voting locations, and shelter status. In addition, Maryland published a power outage data feed that aggregated data from local power companies based on zip codes to a single data feed for consumption. Finally, users also published useful public feeds from the National Oceanic and Atmospheric Administration (NOAA), United States Geological Survey (USGS), Federal Emergency Management Agency (FEMA), and other agencies including weather, radar, stream gauges, wind probabilities, and hurricane position tracking. Throughout the storm, emergency management operations centers and jurisdictions could quickly access the information they needed to make timely decisions.

During the 2013 presidential inauguration, more than 60 agencies, ranging from top federal security and facilities operations to local police, accessed and shared data to assist in managing the estimated one million attendees. Prior to GDX, a platform did not exist for regional partners to review, publish, and consume geospatial data.

COST

The NCR invested \$3,801,537 in UASI funds to develop and maintain NCR GDX and CAD2GIS between 2009 and 2016. The fiscal year (FY) 2018 cost to maintain the NCR GDX and CAD2GIS capability is \$415,000.

PROPOSED ALLOCATION FOR JURISDICTIONAL BUDGETS

The recommended course of action, supported by the CAOs, includes a central fund managed by COG and the development of memoranda of understanding (MOU) between COG and the organizations and localities currently managing the program.

The table below reflects the proposed allocations per jurisdiction to fund this project in local FY 2020. Only those jurisdictions participating in the project are included in the allocation.

Reasonable accommodations are provided upon request, including alternative formats of meeting materials.

Visit www.mwco.org/accommodations or call (202) 962-3300 or (202) 962-3213 (TDD).

777 NORTH CAPITOL STREET NE, SUITE 300, WASHINGTON, DC 20002

MWCOG.ORG (202) 962-3200

Jurisdiction	Population ¹	Proposed Allocation ²
Alexandria, City of	159,000	\$10,948
Arlington County	238,300	\$16,408
Bowie, City of	60,200	\$4,145
Charles County	167,000	\$11,499
College Park, City of	33,000	\$2,272
District of Columbia	724,300	\$49,872
Fairfax, City of	25,600	\$1,763
Fairfax County	1,161,800	\$79,996
Falls Church, City of	14,200	\$978
Frederick, City of	72,050	\$4,961
Frederick County	267,800	\$18,439
Gaithersburg, City of	70,700	\$4,868
Greenbelt, City of	23,900	\$1,646
Laurel, City of	26,300	\$1,811
Loudoun County	424,000	\$29,195
Manassas, City of	43,800	\$3,016
Montgomery County	1,052,000	\$72,436
Prince George's County	923,100	\$63,560
Prince William County	467,900	\$32,217
Rockville, City of	72,200	\$4,971
TOTAL	6,027,150	\$415,000

¹The population figures are derived from the approved COG FY 2020 Work Program and Budget document which uses data certified by each jurisdiction's chief administrative officer.

²The allocations were calculated on a per capita basis using the FY 2018 UASI amount requested by each program in their FY 2018 solution development worksheet.

Jurisdiction	2020 Population Estimate	AFIS Per Capita Proposed Allocation	GDX/CAD2GIS Per Capita Proposed Allocation	IAMS Per Capita Proposed Allocation	LPR Per Capita Propos Allocation
Alexandria, City of	159,000	\$52,209	\$10,948	\$11,245	\$24,
Arlington County	238,300	\$78,248	\$16,408	\$16,854	\$37,
Bladensburg, Town of	9,600	\$3,152			\$1,
Bowie, City of	60,200	\$19,767	\$4,145		\$9,
Charles County	167,000	\$54,836	\$11,499		\$26,
College Park, City of	33,000	\$10,836	\$2,272		\$5,
District of Columbia	724,300	\$237,832	\$49,872	\$51,226	\$113,
Fairfax, City of	25,600	\$8,406	\$1,763	\$1,811	\$4,
Fairfax County	1,161,800	\$381,490	\$79,996	\$82,169	\$182,
Falls Church, City of	14,200	\$4,663	\$978	\$1,004	\$2,
Frederick, City of	72,050	\$23,658	\$4,961		\$11,
Frederick County	267,800	\$87,935	\$18,439	\$18,940	\$41,
Gaithersburg, City of	70,700	\$23,215	\$4,868	\$5,000	\$11,
Greenbelt, City of	23,900	\$7,848	\$1,646		\$3,
Hyattsville, City of	19,000	\$6,239			\$2,
Laurel, City of	26,300	\$8,636	\$1,811		\$4,
Loudoun County	424,000	\$139,225	\$29,195	\$29,988	\$66,
Manassas, City of	43,800	\$14,382	\$3,016	\$3,098	\$6,
Manassas Park, City of	16,805	\$5,518			\$2,
Montgomery County	1,052,000	\$345,436	\$72,436	\$74,403	\$164,
Prince George's County	923,100	\$303,110	\$63,560	\$65,287	\$144,
Prince William County	467,900	\$153,640	\$32,217	\$33,092	\$73,
Rockville, City of	72,200	\$23,708	\$4,971		\$11,
Takoma Park, City of	18,300	\$6,009			\$2,
PROJECT TOTAL	6,090,855	\$2,000,000	\$415,000	\$394,117	\$955,