

GIS EXCELLENCE AWARDS 2012



Fairfax County, Virginia

November 15, 2012

CARTOGRAPHIC CATEGORY



REGIONAL INCIDENT RESPONSE

THE NATIONAL CAPITAL REGION – INCIDENT MANAGEMENT TEAM'S (NCR-IMT) ASSISTANCE TO THE CITY OF ALEXANDRIA'S FIRE DEPARTMENT LINE OF DUTY DEATH (LODD) FEBRUARY 9TH-17TH, 2012



Third Place

The National Capital Region – Incident Management Team's Assistance to the City of Alexandria's Fire Department Line of Duty Death

**Eric K. Fisher,
National Capital Region - Incident Management**

Fire and Rescue Department

Event Planning



Paramedic Joshua Weissman
Alexandria City Fire Department
February 23, 1978 - February 9, 2012

On February 8th, 2012 Alexandria Fire Department Paramedic Joshua Weissman suffered fatal injuries while responding to a vehicle fire on Interstate 395 near Clebe Road. He passed away the following day on February 9th.

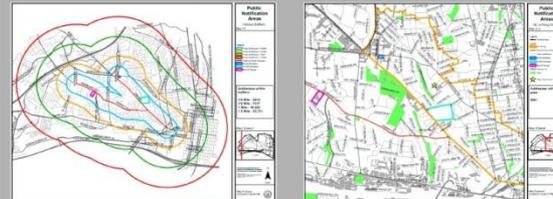
The City of Alexandria, Virginia called upon the National Capital Region - Incident Management Team (NCR-IMT) to assist them in their response to Paramedic Joshua Weissman's Line of Duty Death (LODD). The NCR-IMT is comprised of personnel from various jurisdictions in the Metropolitan-Washington Council of Governments (MWCOG) Region who have backgrounds in disciplines such as Fire/Rescue, Public Health, Emergency Management, Law Enforcement, and other areas. The team has expertise in managing responses to major emergencies and large planned events. Over the course of nine days (February 9th - February 17th), 49 team members worked 2,884 hours alongside City of Alexandria staff and countless others assisting the City respond to Paramedic Joshua Weissman's tragic death.

A Line of Duty Death (LODD) of a public safety first responder is a tragedy for any jurisdiction, and the events associated with a jurisdiction's response can be significant. For example, over 1,000 mourners attended the funeral service and lined the processional route. The main events involved with this LODD were the Transfer of Paramedic Weissman back to Virginia, the Visitation, the Temple Service, the Burial, and the Reburial. In addition, to allow the personnel from the Alexandria Fire Department time to grieve, regional partners fully staffed the Alexandria fire stations for a 48-hour period. The City of Alexandria was able to call upon NCR-IMT to help with the planning, coordination, and response involved with these events.

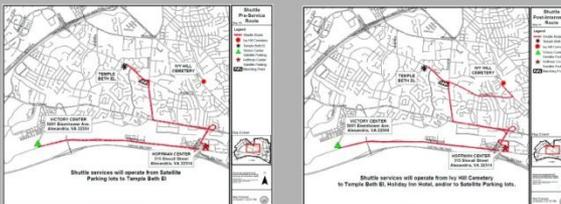
GIS maps and analysis were critical in the support of all these LODD events. Over the course of nine days, GIS Specialists from the NCR-IMT worked alongside GIS staff from the City of Alexandria and produced over 44 separate maps and GIS-derived products. Serving on the NCR-IMT, Eric Fisher (Fairfax County Fire and Rescue Department) and Sarah Verley (Montgomery County Fire and Rescue Service) worked with the City of Alexandria GIS staff - Steven Chockis, Julie Kamler, Jason Agstone, Brett King, and Michael Smith.

Examples of the collaborative GIS work done to support the LODD event are shown on this poster and ranged from products to assist with planning for the multiple events, products to assist with the public notification effort of city residents impacted by the various events, products to assist with planning for transit services to and from the events, and products to assist with the funeral procession and associated road closures.

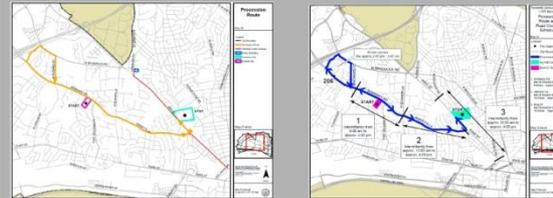
Public Notification



Transit Planning



Funeral Procession and Road Closures



CARTOGRAPHIC CATEGORY

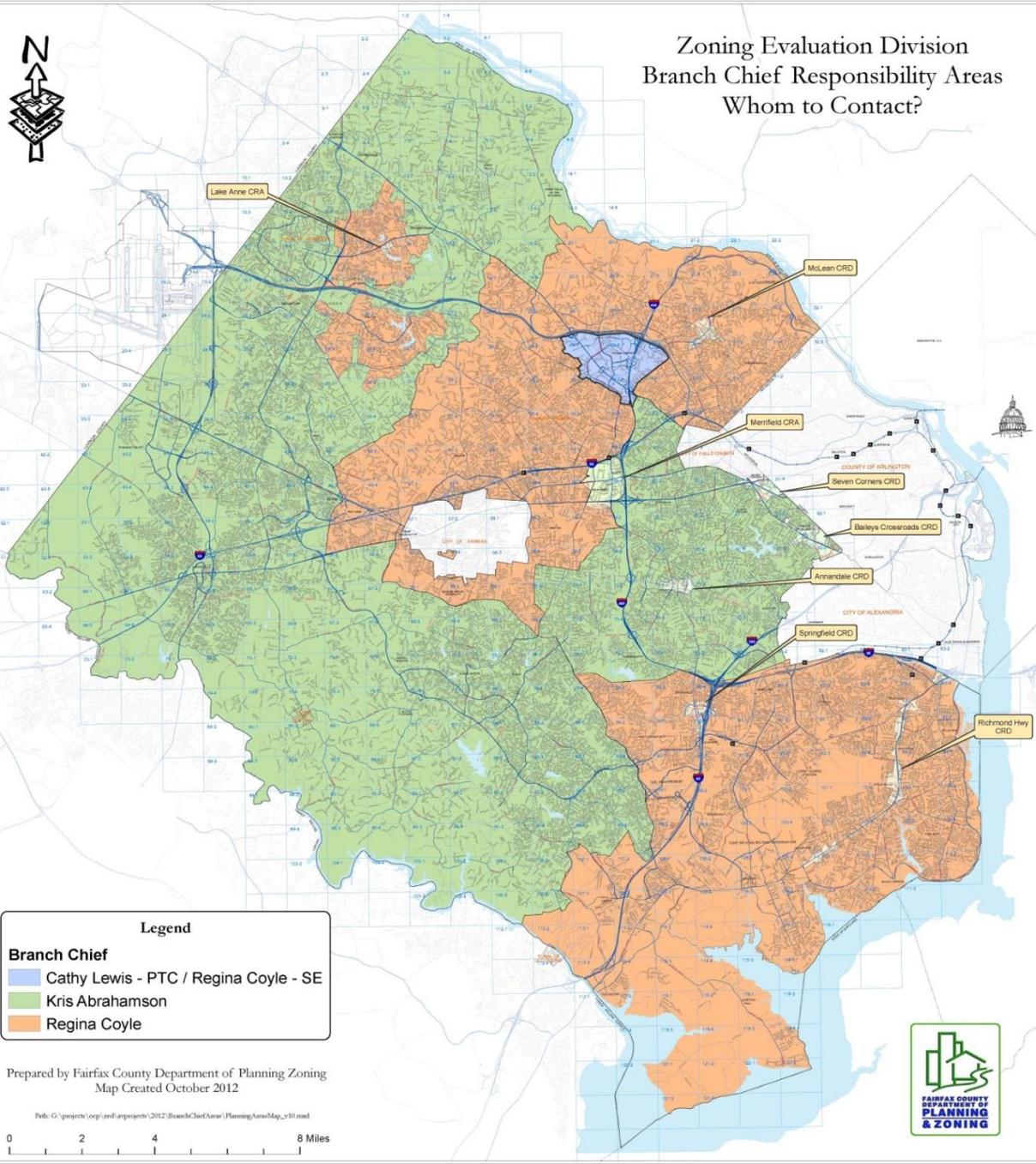
Zoning Evaluation Division Branch Chief Responsibility Areas Whom to Contact?

Second Place

Branch Chief
Responsibility Areas

Daniel White

*Department of Planning
and Zoning*



Legend

Branch Chief

- Cathy Lewis - PTC / Regina Coyle - SE
- Kris Abrahamson
- Regina Coyle

Prepared by Fairfax County Department of Planning Zoning
Map Created October 2012

Path: G:\projects\corp\used\proj\2012\BranchChiefAreas\PlanningAreasMap_v10.mxd

0 2 4 8 Miles



First Place

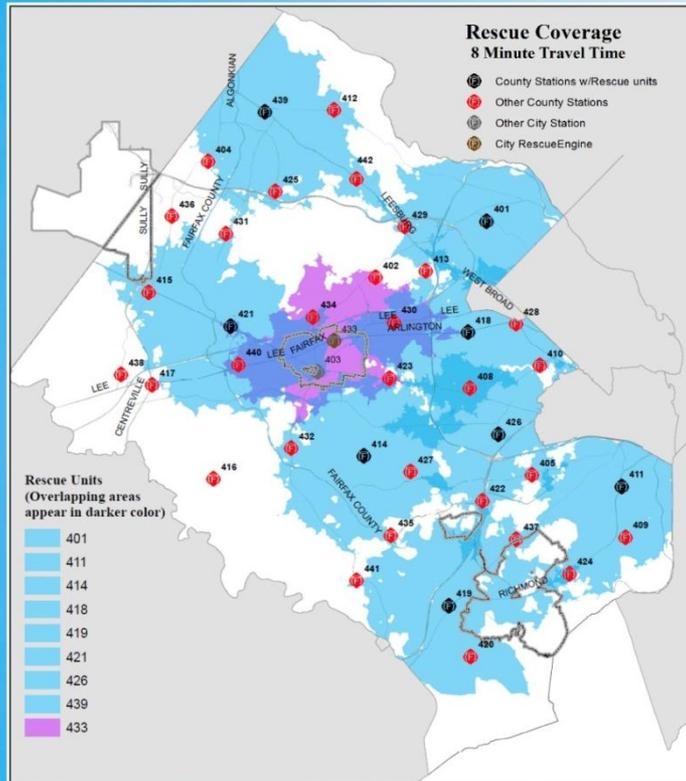
CARTOGRAPHIC CATEGORY

Use of ArcMap Transparency versus Adobe Layers

Katherine (Keg) Good

Fire and Rescue Department

Use of ArcMap Transparency versus Adobe Layers



Map 1

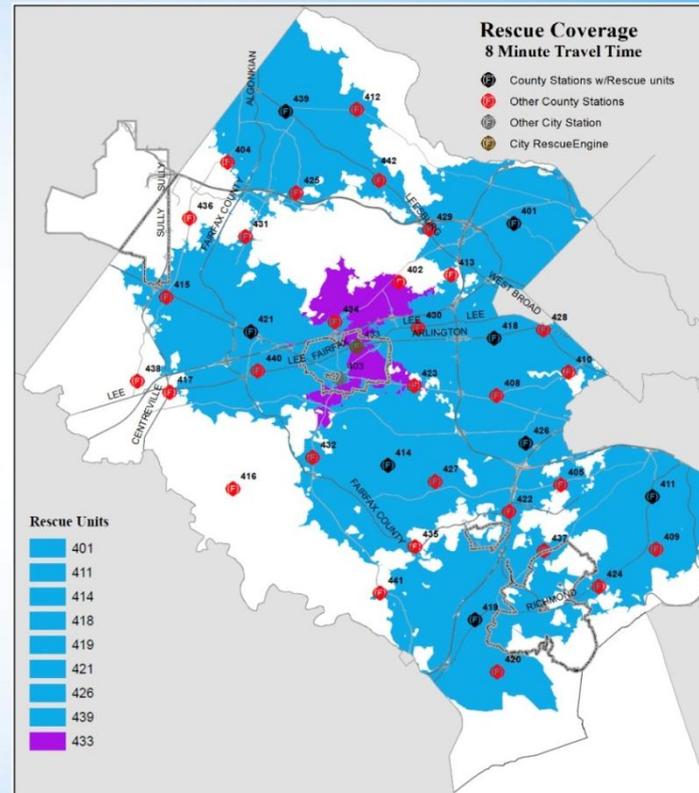
As part of the proposed budget reductions for FY2014, Fire-GIS was asked to prepare some coverage maps of different apparatus. These maps were created in two formats.

In the first format, the travel time for each unit is not transparent. This gives an idea of how much of the County is not reachable within 8 minutes travel time (white) and how much of the County is reachable by multiple units (darker shades).

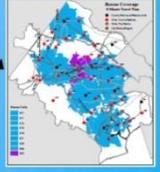
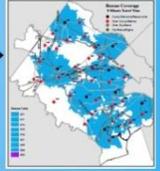
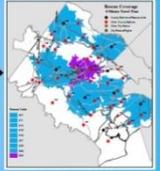
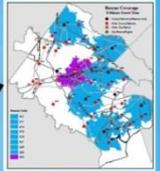
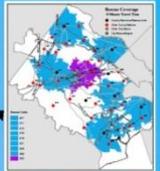
When maps are exported from ArcMap to pdf, the transparent layers are all treated as an image so individual layers cannot be turned off.

In the second format, the travel time is not transparent. As a static map it's not impressive. But for a decision maker, the layers property in Adobe can be used to interactively see the effect of eliminating different combinations of units.

Several of the many combinations are shown on the far right.



Map 2



ANALYTIC CATEGORY

Exceptional Medically Underserved Population Designation

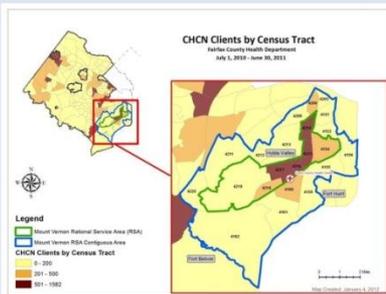
Third Place

Governor's
Exceptional
Medically
Underserved
Population

**Adrian Joye,
Sherryn Craig,
Chris Stevens,
Rosalyn Froobar**

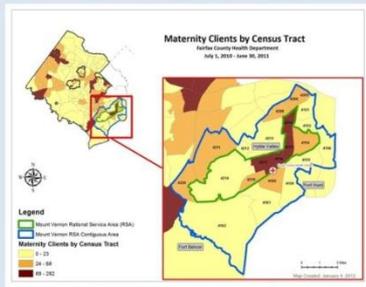
*Health Department,
Environmental
Health Division*

MAP 2: CHCN Clients by Census Tract (RSA, Contiguous, and Countywide)



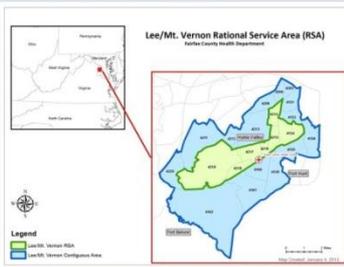
All CHCN Clients (FY 2011)
 Mean - All CHCN clients inside proposed RSA: 536
 Mean - All CHCN clients outside RSA for Contiguous Area: 114.7
 Mean - All CHCN clients outside RSA Countywide: 160.6

MAP 4: Fairfax County Health Department Maternity Patients by Census Tract (RSA, Contiguous, and Countywide)



Fairfax County Maternity Client Data (FY 2011)
 Mean - Clients inside proposed RSA: 91.14
 Mean - Clients for contiguous area: 20.4
 Mean - Clients outside RSA Countywide: 26.82

MAP 1: Lee/Mt. Vernon Rational Service Area (RSA)



Lee/Mt. Vernon RSA Census Tracts: 415400, 421400, 421500, 421600, 421700, 421800, and 421900
Contiguous Census Tracts to the Proposed Lee/Mt. Vernon RSA: 415100, 415300, 415500, 415600, 415900, 416000, 416100, 416200, 420500, 420600, 420800, 421100, 421200, 421300, and 422000

Exceptional Medically Underserved Population Designation

The Fairfax County Health Department, as a locally administered agency of the Virginia Department of Health, Health is now designated the Lee/Mt. Vernon Rational Service Area (RSA) consisting of census tracts 415400, 421400, 421500, 421600, 421700, 421800, and 421900 as a Governor's Exceptional Medically Underserved Population (EMUP).

The Health Department analyzed data used in the Community Health Status Assessment (CHSA) to assess the population and social-economic trends. All health-related data in the report in the County with least health outcomes and low social-economic status. These areas were then identified as the Lee/Mt. Vernon RSA and the Health Department's Rational Service Area. Based on the analysis, the Lee/Mt. Vernon RSA was designated as an EMUP.

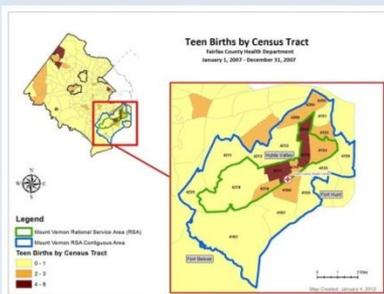
Low socioeconomic status, low educational attainment, high unemployment rates, high poverty rates, lower life expectancy, and a high percentage of the population living in poverty are all indicators of exceptional medically underserved populations and the County is a priority area where the outcome program and data for the Health Department is showing and providing services that improve the public health and meet the needs of all residents. The Health Department will continue to monitor the Lee/Mt. Vernon RSA and the Contiguous Area and will continue to provide services to the population in the RSA.

To evaluate the demographic health outcomes in Fairfax, particularly in the proposed Mount Vernon RSA, a comprehensive geographic analysis of health indicators was conducted. These indicators include rates of infant and child mortality, low birth weight, low birth weight and premature births, infant death, and teen pregnancy, as well as socioeconomic characteristics. The geographic data supports the designation as an Exceptional Medically Underserved Population. Designation was derived from the following sources:

- Community Health Link Research (CHSLR) (FY 2008)
- Low Income, unmet need (LUN) report which has been created and is on the web for the primary health care services (April 2008) (FY 2008)
- Maternity clients served by the Fairfax County Health Department (FY 2008)
- Fairfax County Teen Birth Data (FY 2007) and
- Poverty Data (2008 - 2008)

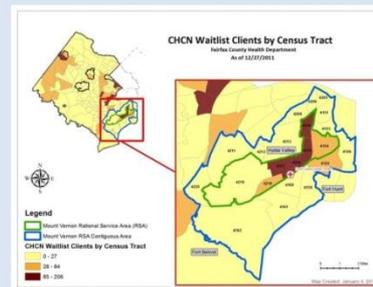
As a final result of the team's efforts, the designation was approved by both the Governor and the Health Resources & Services Administration.

MAP 5: Teen Birth Data by Census Tract (RSA, Contiguous, and Countywide)



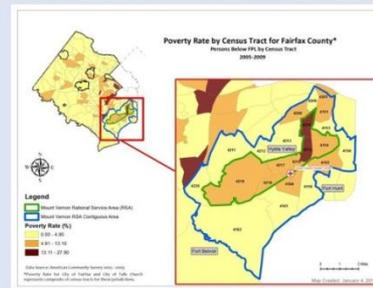
Teen Birth Data (CY 2007)
 Mean - Clients inside proposed RSA: 2.85
 Mean - Clients for contiguous area: 0.87
 Mean - Clients outside RSA Countywide: 0.58

MAP 3: Persons on the CHCN Wait List by Census Tract (RSA, Contiguous, and Countywide)



CHCN Wait List Clients (point-in-time 12/27/2011)
 Mean - Waitlist Clients inside proposed RSA: 72.6
 Mean - Waitlist Clients for contiguous area: 14.0
 Mean - Waitlist Clients outside RSA Countywide: 21.3

MAP 6: Poverty Data by Census Tract (RSA, Contiguous, and Countywide)



Poverty Data (2005-2009)
 Mean - Poverty Rate inside proposed RSA: 11.62
 Mean - Poverty Rate for contiguous area: 3.72
 Mean - Poverty Rate outside RSA Countywide: 4.65

ANALYTIC CATEGORY

First Place

Reston-Dulles Corridor Study

Katherine (Keg) Good

Fire and Rescue Department

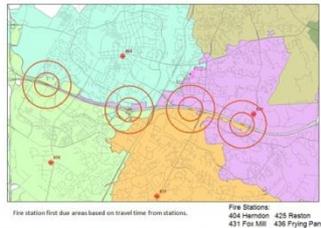
Objectives

1. Review proposed development scenarios for the Reston-Dulles Corridor based on the Metrorail expansion of the Silver Line (4 additional stations.)
2. Analyze current incident activity in station first due response areas.
3. Recommend future emergency response needs resulting from the development scenarios.
4. Provide comments to Department of Planning and Zoning for future Comprehensive Plan Amendments and development proffers.

Reston-Dulles Corridor Study

Fire and Rescue Department
6/19/12

Current Fire Station Response Coverage Areas (first dues)

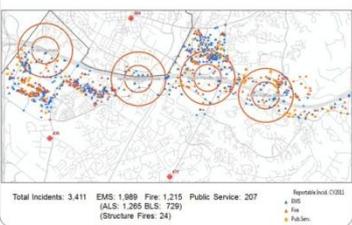


Fire station first due areas based on travel time from stations.
Fire Stations: 404 Herndon, 425 Reston, 431 Fox Mill, 436 Frying Pan

First Due Response Map
First due map based on travel time. Includes open to open Fire Station 402. White areas are other nearby first due from Loudoun County, Dulles Airport, and station 420 (Piper Center).

Reston-Dulles Corridor Study Area	2011 Existing Population	2011 Projected Population	2011 Existing Jobs	2011 Projected Jobs	2011 Existing Density	2011 Projected Density
Waldie Avenue	26,800	37,200	30,700	763	1,838	875
Reston Parkway/Brown Center	11,700	90,800	99,070	1,472	2,184	1,812
Herndon/Monroe	18,267	41,474	27,807	130	1,291	775
Route 28 South	21,060	42,610	19,709	654	1,220	384
Total Reston	119,827	238,474	146,787	1,411	6,734	3,356*

CY2011 Incidents in Study Area



Total Incidents: 3,411 EMS: 1,889 Fire: 1,215 Public Service: 207
ALS: 1,265 BLS: 729
(Structure Fires: 24)

The data includes incidents on the roads internal to the study area, the perimeter roads of the study area and the Dulles Toll Road. Repeatable incidents do not include notification & test events.

Recommendations

1. Add second Reston Fire Station in North County Government Complex.
 - Standard size fire station with 3 apparatus bays.
 - New station may be co-located within a building.
 - Minimum of two additional units: Engine and Medic.
 - Location will provide better coverage for travel and vertical response times.
2. Herndon Fire Station 4
 - Approved plans include demolishing existing station and rebuilding a larger station on-site.
 - Capacity for two additional units: Rescue and Medic.
 - Estimated completion: 2014-2015.
3. Ongoing analysis of incident activity based on development.
 - A second Medic may be needed at Frying Pan Fire Station by 2030.

CY2011 Incident Counts within Study Area

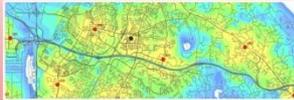


First due by colored roads. Individual metro study areas by colored areas. Calendar Year 2011 incidents shown by quantity at exact location (address or intersection).

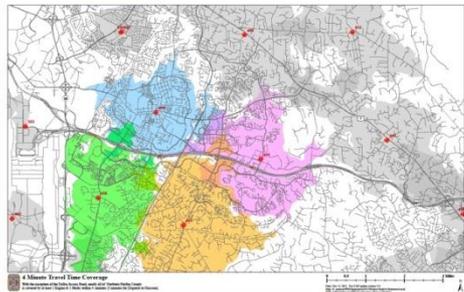
Summary

The Silver Metro Line is expected to increase population within the Reston-Dulles Corridor Study area by nearly 117,000 by year 2030. In anticipation of this increase, the Fire and Rescue Department evaluated future needs. Based on incidents per population formulas, the number of incidents is expected to nearly double from total 2011 incidents.

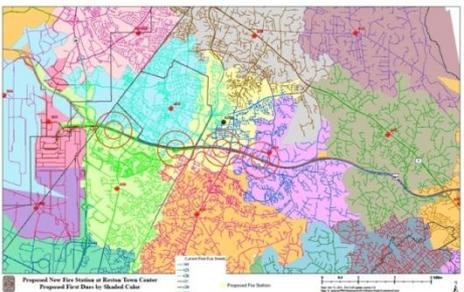
With increased calls for service and more high rise buildings, the major recommendation is to build a new full size fire station in the North County Government Complex.



Emergency Response Travel Times
Legend: 5 min, 10 min, 15 min, 20 min, 25 min, 30 min, 35 min, 40 min, 45 min, 50 min, 55 min, 60 min, 65 min, 70 min, 75 min, 80 min, 85 min, 90 min, 95 min, 100 min, 105 min, 110 min, 115 min, 120 min, 125 min, 130 min, 135 min, 140 min, 145 min, 150 min, 155 min, 160 min, 165 min, 170 min, 175 min, 180 min, 185 min, 190 min, 195 min, 200 min, 205 min, 210 min, 215 min, 220 min, 225 min, 230 min, 235 min, 240 min, 245 min, 250 min, 255 min, 260 min, 265 min, 270 min, 275 min, 280 min, 285 min, 290 min, 295 min, 300 min, 305 min, 310 min, 315 min, 320 min, 325 min, 330 min, 335 min, 340 min, 345 min, 350 min, 355 min, 360 min, 365 min, 370 min, 375 min, 380 min, 385 min, 390 min, 395 min, 400 min, 405 min, 410 min, 415 min, 420 min, 425 min, 430 min, 435 min, 440 min, 445 min, 450 min, 455 min, 460 min, 465 min, 470 min, 475 min, 480 min, 485 min, 490 min, 495 min, 500 min, 505 min, 510 min, 515 min, 520 min, 525 min, 530 min, 535 min, 540 min, 545 min, 550 min, 555 min, 560 min, 565 min, 570 min, 575 min, 580 min, 585 min, 590 min, 595 min, 600 min, 605 min, 610 min, 615 min, 620 min, 625 min, 630 min, 635 min, 640 min, 645 min, 650 min, 655 min, 660 min, 665 min, 670 min, 675 min, 680 min, 685 min, 690 min, 695 min, 700 min, 705 min, 710 min, 715 min, 720 min, 725 min, 730 min, 735 min, 740 min, 745 min, 750 min, 755 min, 760 min, 765 min, 770 min, 775 min, 780 min, 785 min, 790 min, 795 min, 800 min, 805 min, 810 min, 815 min, 820 min, 825 min, 830 min, 835 min, 840 min, 845 min, 850 min, 855 min, 860 min, 865 min, 870 min, 875 min, 880 min, 885 min, 890 min, 895 min, 900 min, 905 min, 910 min, 915 min, 920 min, 925 min, 930 min, 935 min, 940 min, 945 min, 950 min, 955 min, 960 min, 965 min, 970 min, 975 min, 980 min, 985 min, 990 min, 995 min, 1000 min.



4 Minute Travel Time Coverage
Legend: 4 min, 5 min, 6 min, 7 min, 8 min, 9 min, 10 min, 11 min, 12 min, 13 min, 14 min, 15 min, 16 min, 17 min, 18 min, 19 min, 20 min, 21 min, 22 min, 23 min, 24 min, 25 min, 26 min, 27 min, 28 min, 29 min, 30 min, 31 min, 32 min, 33 min, 34 min, 35 min, 36 min, 37 min, 38 min, 39 min, 40 min, 41 min, 42 min, 43 min, 44 min, 45 min, 46 min, 47 min, 48 min, 49 min, 50 min, 51 min, 52 min, 53 min, 54 min, 55 min, 56 min, 57 min, 58 min, 59 min, 60 min, 61 min, 62 min, 63 min, 64 min, 65 min, 66 min, 67 min, 68 min, 69 min, 70 min, 71 min, 72 min, 73 min, 74 min, 75 min, 76 min, 77 min, 78 min, 79 min, 80 min, 81 min, 82 min, 83 min, 84 min, 85 min, 86 min, 87 min, 88 min, 89 min, 90 min, 91 min, 92 min, 93 min, 94 min, 95 min, 96 min, 97 min, 98 min, 99 min, 100 min.



Proposed New Fire Station at North County Government Complex
Legend: Proposed Fire Station, 4 min, 5 min, 6 min, 7 min, 8 min, 9 min, 10 min, 11 min, 12 min, 13 min, 14 min, 15 min, 16 min, 17 min, 18 min, 19 min, 20 min, 21 min, 22 min, 23 min, 24 min, 25 min, 26 min, 27 min, 28 min, 29 min, 30 min, 31 min, 32 min, 33 min, 34 min, 35 min, 36 min, 37 min, 38 min, 39 min, 40 min, 41 min, 42 min, 43 min, 44 min, 45 min, 46 min, 47 min, 48 min, 49 min, 50 min, 51 min, 52 min, 53 min, 54 min, 55 min, 56 min, 57 min, 58 min, 59 min, 60 min, 61 min, 62 min, 63 min, 64 min, 65 min, 66 min, 67 min, 68 min, 69 min, 70 min, 71 min, 72 min, 73 min, 74 min, 75 min, 76 min, 77 min, 78 min, 79 min, 80 min, 81 min, 82 min, 83 min, 84 min, 85 min, 86 min, 87 min, 88 min, 89 min, 90 min, 91 min, 92 min, 93 min, 94 min, 95 min, 96 min, 97 min, 98 min, 99 min, 100 min.

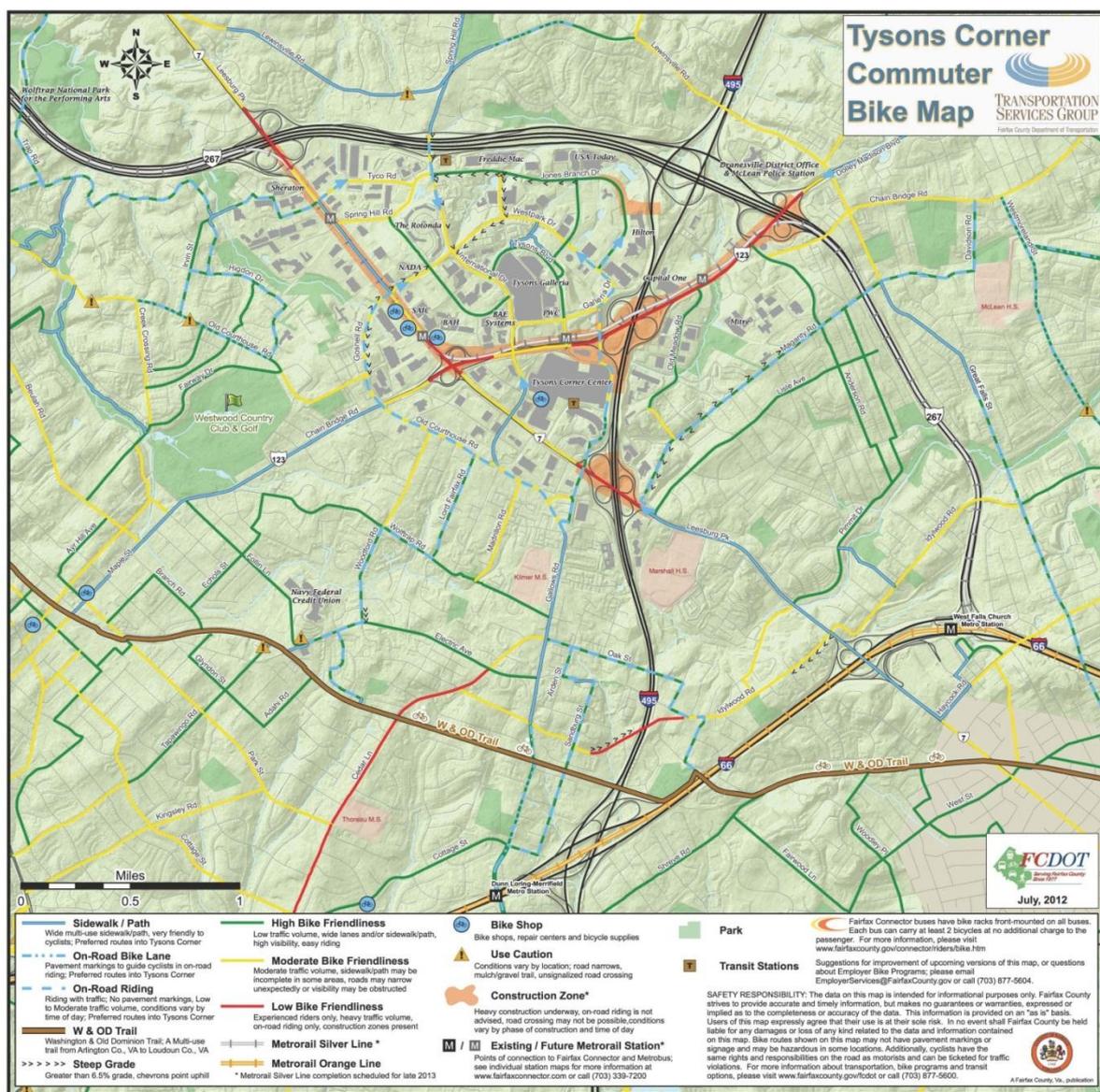
AGENCY CATEGORY

Best Use of GIS for Public Outreach

Honorable Mention

Tysons Corner Commuter Bike Map

Fairfax County Department of Transportation



about

TEENAGE DEPRESSION & SUICIDE IN FAIRFAX COUNTY

Sophia Dutton and Mary Nelms, Department of Neighborhood and Community Services

what you need to know ...

The Fairfax County Youth Survey defines depression as feeling so sad or hopeless almost every day for two weeks or more that the student stopped doing some usual activities. Overall, 29% of students reported that they experienced depressive symptoms in the past year. Students were also asked if they had considered attempting suicide or actually attempted suicide in the past year.

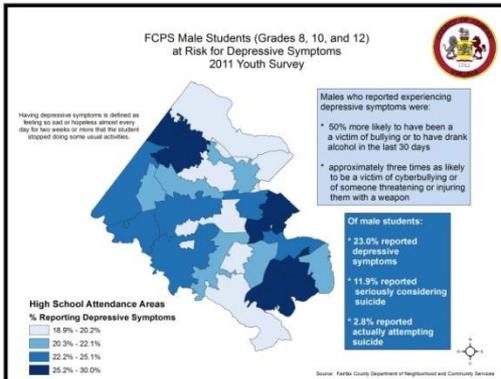
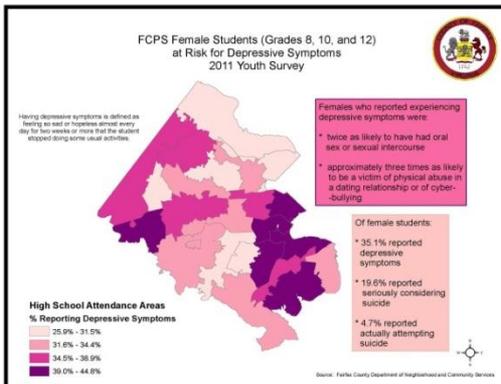
A higher percentage of female students reported symptoms of depression, considering suicide, and actually

attempting suicide than male students.

Rates of depression increased with grade level. Sixth-graders reported depression at 22% compared to 32% of 12th-graders.

Similar to national trends, races/ethnicities other than white are more likely to report depressive symptoms and thoughts of suicide.

Rates of depression are significantly higher for students who reported past 30-day substance use than for those who have not used drugs or alcohol in the past month.



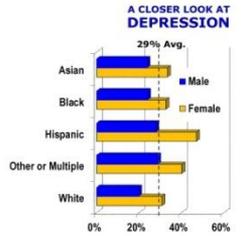
	National YRBS**	Fairfax Countywide	8th Grade	10th Grade	12th Grade	Female	Male
Depression	29%, 29%	29%	25%	31%	32%	35%	23%
Considered Suicide**	17%, 14%	16%	14%	18%	16%	20%	12%
Attempted Suicide	8%, 6%	4%	3%	4%	4%	5%	3%

The Fairfax County Youth Survey was administered in the fall semester of 2011. ** National comparisons are from the Youth Risk Behavior Survey (YRBS) administered by the Centers for Disease Control and Prevention (CDC) to 9th-12th grade students. Data listed for 8th are for 10th and 12th grade, respectively.

related factors

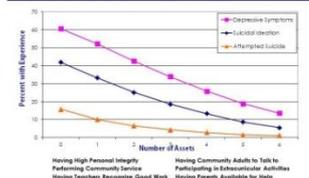
Fairfax County Youth who are depressed are ...

- More likely to have used drugs or alcohol.
- More likely to be sexually active.
- More likely to skip school.
- Less likely to seek parental support for problems.



THREE TO SUCCEED
Thriving in Fairfax

Assets and Experiences of Depressive Symptoms and Suicide



Three to Succeed is based on the Youth Survey analysis that shows having just three assets dramatically reduces risk behaviors and promotes thriving youth.

Assets are strengths in young people, their families, friends, schools and communities that help them thrive in health, in school, in daily life, and in a safe environment. The more assets a person has, the fewer risk behaviors they report and the Youth Survey shows that every asset makes a difference.

Young people in Fairfax County report positive influences from the people and other assets in their lives, though there are disparities that make it more challenging for some to thrive. Take action to be an asset in any young person's life and help build a stronger, more positive community that benefits ALL children.

websites for more information

Fairfax County Youth Survey
www.fairfaxcounty.gov/youthsurvey

Fairfax County's Prevention System
www.fairfaxcounty.gov/prevention

Unified Prevention Coalition of Fairfax County
www.unifiedpreventioncoalition.org

Suicide Prevention Hotline
www.suicidepreventionhotline.org

Stop A Suicide Today
www.stopasuicidetoday.org

National Alliance on Mental Illness
www.nami.org

who can help?

Fairfax Falls Church Community Services Board (CSB)
24-hour CSB Emergency Services Phone: 703-363-8500 | 171: 703-267-7737
www.fairfaxcsb.org

Fairfax County Public Schools Intervention and Prevention Services
www.fairfaxschools.org

Chesapeake Suicide Prevention Hotline: (703) 527-8377
National Suicide Prevention Lifeline: (800) 273-TALK (8255)

what can you do?

- if your teen shows signs of**
- Sadness or hopelessness.
 - Irritability, anger, or hostility.*
 - Tearfulness or frequent crying.
 - Withdrawal from friends and family or changing "crowds" altogether.*
 - Loss of interest in activities; difficulty concentrating.
 - Unexplained aches and pains.*
 - Changes in eating and sleeping habits.
 - Restlessness and agitation.
 - Extreme sensitivity to criticism and feelings of worthlessness and guilt.*
 - Lack of enthusiasm and motivation.
 - Fatigue or lack of energy.
 - Thoughts of death or suicide.
- if you are concerned**
- Talk to your teen about depression and what you've been observing.
 - Offer support and let them know you are there for them.
 - Be gentle, but persistent. Don't give up.
 - Listen without lecturing; avoid giving unsolicited advice or ultimatums.
 - Validate their feelings; acknowledge their pain and sadness.
 - Talk with the psychologist, social worker, or counselor at your child's school to discuss the signs. They may conduct a depression screening.
 - Seek professional help from your family doctor and share the findings from the school assessment, if completed.
 - If there are no health problems, ask your doctor for a referral to a psychologist or psychiatrist. Discuss treatment options.
- * These signs of depression are even more common in teenagers than in their adult counterparts.
- Source: www.helpguide.org

AGENCY CATEGORY

Best Use of GIS for Public Outreach

Honorable Mention

Teenage Depression and Suicide in Fairfax County

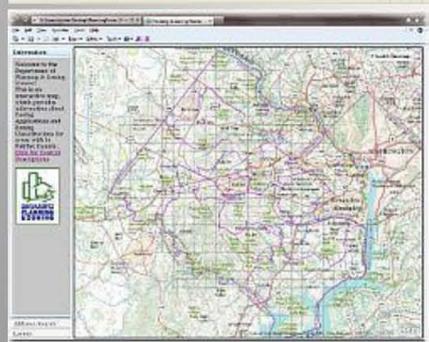
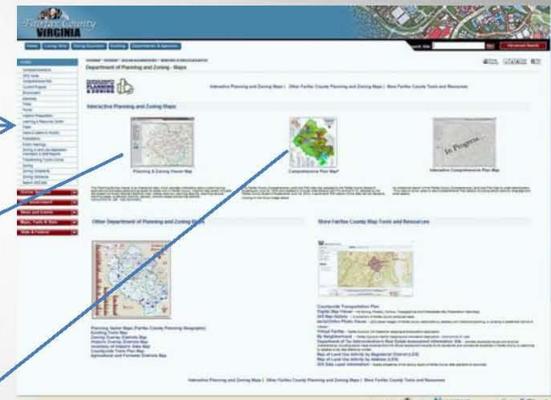
Department of Neighborhood and Community Services

Department of Planning and Zoning

The Department of Planning and Zoning (DPZ) Map Portal/DPZ Public Website

Since 2008 the Department of Planning and Zoning (DPZ) has focused on evolving the DPZ website to make it increasingly more user-friendly, providing quick access to important, relevant and timely information to the public in large part by increasingly using and incorporating GIS data throughout the site.

The DPZ Map Portal Page brings DPZ developed maps generated by the use of GIS from diverse sources to a dedicated page for displaying information efficiently with user friendly access and navigation in a one-stop shop. It showcases DPZ GIS maps as well as links to county-wide GIS resources. It's centerpiece is the interactive Fairfax County Planning and Zoning Viewer, which provides information about current zoning applications and associated zoning layers for areas with in Fairfax County, Virginia. The Portal also includes online access to the Fairfax County Comprehensive Land Use Map for the first time.



Planning and Zoning Viewer

Comprehensive Land Use Plan Map

These and other examples of incorporation of GIS into the DPZ website continues to evolve it to bolster staff efficiency and assist the agency in achieving its goal of efficiently delivering easily accessible, user friendly access to DPZ information and services to the public, development community, staff, county officials and others to fulfill our mission



FCPD GENERATOR DEPLOYMENTS - JUNE 29th MID-ATLANTIC STORM

Fairfax County Police Department, Operations Support Bureau, Traffic Division

Map shows generators deployed from Friday, June 29th through Thursday, July 5th to mitigate traffic safety issues caused by the June 29th, Mid-Atlantic storm. Generators were placed at 61 separate locations countywide.

LOCATIONS

- Anderson Dr / Gallows Rd
- Annandale Rd / Arlington Blvd
- Arlington Blvd / Graham Rd
- Arlington Blvd / Patrick Henry Dr
- Arlington Blvd Svc Rd
- Backlick Rd / Braddock Rd
- Backlick Rd / Edsall Rd
- Baron Cameron Ave / Hunter Mill Rd
- Baron Cameron Ave / Leesburg Pk
- Baron Cameron Ave / Wiehle Ave
- Beacon Hill Rd / Richmond Hwy
- Beulah Rd / Leesburg Pk
- Beulah St / Telegraph Rd
- Bonniemill Ln / Franc-Spring Pkwy
- Braddock Rd / Guinea Rd
- Braddock Rd / Port Royal Rd
- Braddock Rd / Roberts Rd
- Braddock Rd / Sully Rd
- Castle Rd / Leesburg Pk
- Chain Bridge Rd / International Dr

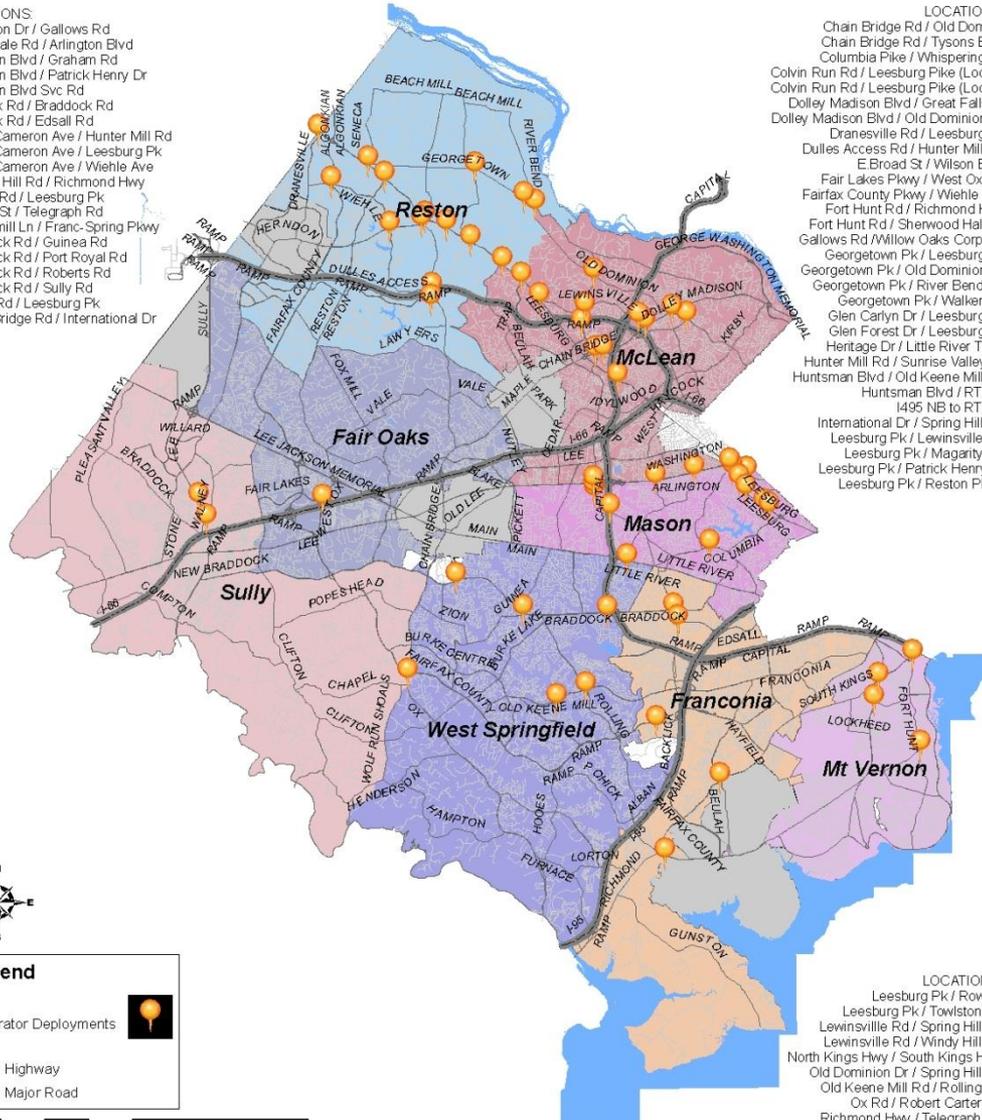
LOCATIONS

- Chain Bridge Rd / Old Dom Dr
- Chain Bridge Rd / Tysons Blvd
- Columbia Pike / Whispering Ln
- Colvin Run Rd / Leesburg Pike (Loc. 1)
- Colvin Run Rd / Leesburg Pike (Loc. 2)
- Dolley Madison Blvd / Great Falls St
- Dolley Madison Blvd / Old Dominion Dr
- Dranesville Rd / Leesburg Pk
- Dulles Access Rd / Hunter Mill Rd
- E Broad St / Wilson Blvd
- Fair Lakes Pkwy / West Ox Rd
- Fairfax County Pkwy / Wiehle Ave
- Fort Hunt Rd / Richmond Hwy
- Fort Hunt Rd / Sherwood Hall Ln
- Gallows Rd / Millow Oaks Corp. Dr
- Georgetown Pk / Leesburg Pk
- Georgetown Pk / Old Dominion Dr
- Georgetown Pk / River Bend Rd
- Georgetown Pk / Walker Rd
- Glen Carlyn Dr / Leesburg Pk
- Glen Forest Dr / Leesburg Pk
- Heritage Dr / Little River Tpke
- Hunter Mill Rd / Sunrise Valley Dr
- Huntsman Blvd / Old Keene Mill Rd
- Huntsman Blvd / RT644
- 1495 NB to RT650
- International Dr / Spring Hill Rd
- Leesburg Pk / Lewinsville Rd
- Leesburg Pk / Magarty Rd
- Leesburg Pk / Patrick Henry Dr
- Leesburg Pk / Reston Pkwy

AGENCY CATEGORY Most Significant Data Contributor

**FCPD Generator Deployments, July 29
derecho**

**Fairfax County Police Department,
Operation Services Branch**



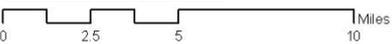
LOCATIONS

- Leesburg Pk / Row St
- Leesburg Pk / Towiston Rd
- Lewinsville Rd / Spring Hill Rd
- Lewinsville Rd / Windy Hill Rd
- North Kings Hwy / South Kings Hwy
- Old Dominion Dr / Spring Hill Rd
- Old Keene Mill Rd / Rolling Rd
- Ox Rd / Robert Carter Rd
- Richmond Hwy / Telegraph Rd
- RT50 EB to RT650
- Sully @ E.C. Lawrence Park Field



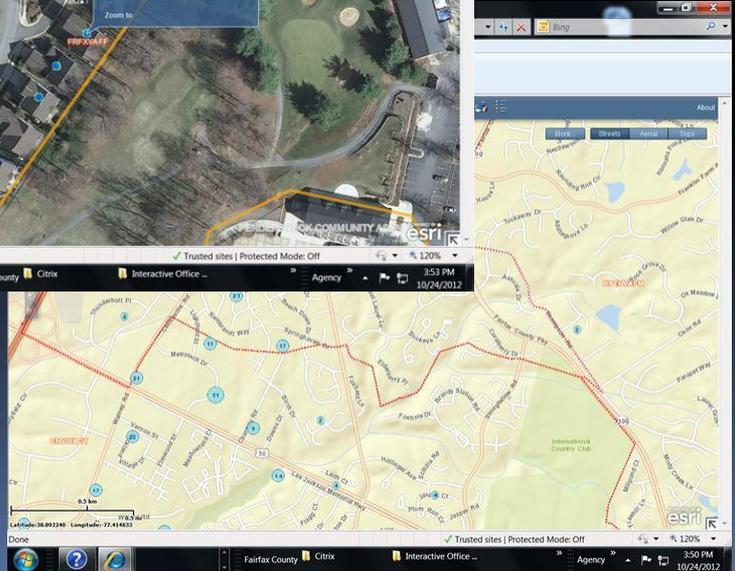
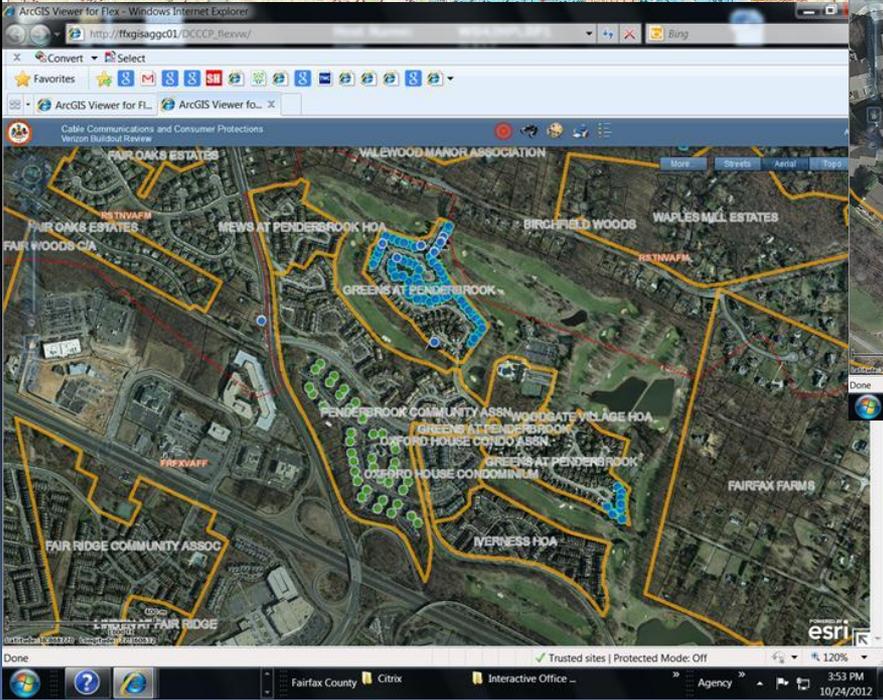
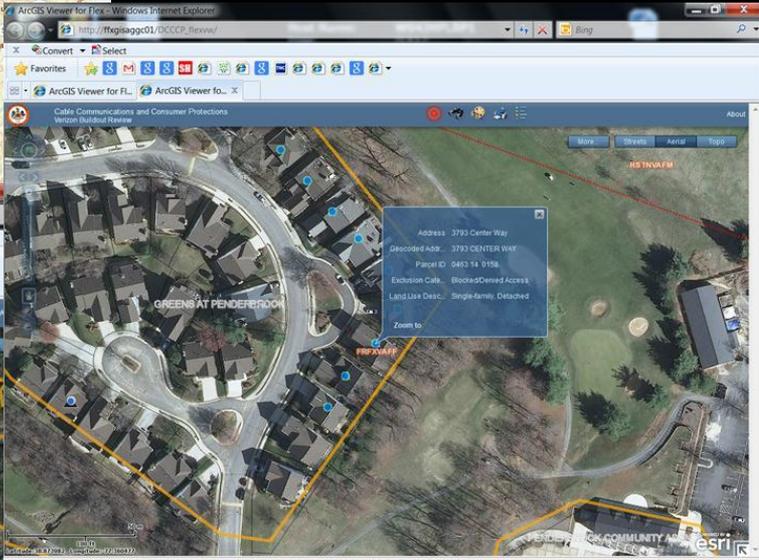
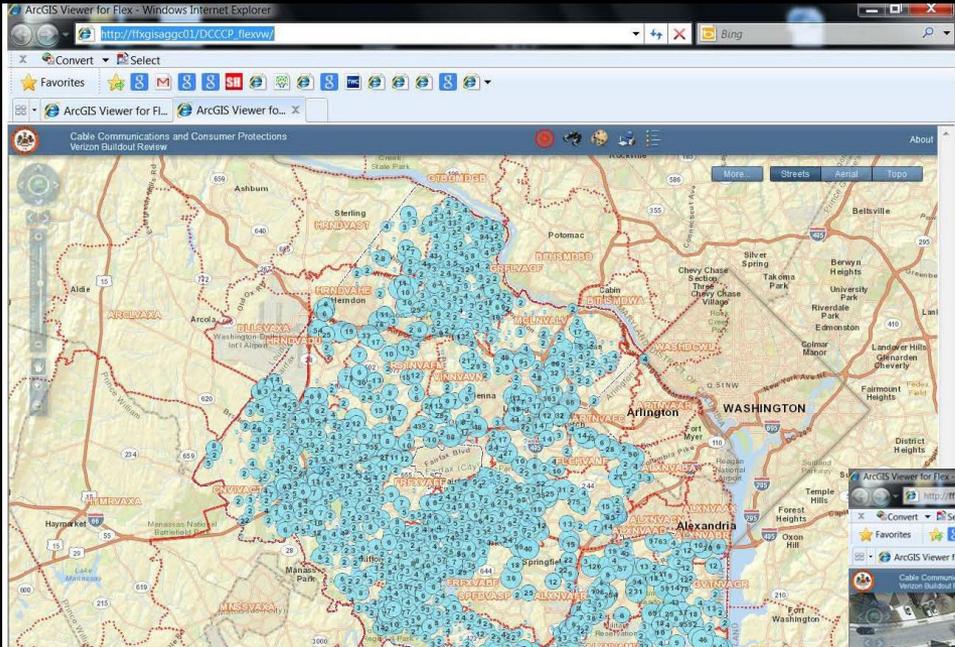
Legend

- Generator Deployments (Orange dot icon)
- Highway (Thick black line icon)
- Major Road (Thin black line icon)



AGENCY CATEGORY Best GIS Integration or Application Development Winner

GIS Verizon Buildout Tool
**Department of Cable and
Communication Services**



Home > Health and Human Services > Human Services > Human Services Resource Guide (HSRG)

Human Services Resource Guide (HSRG)

Human Services Resource Guide
Just a click away



The Human Services Resource Guide (HSRG) is a web-based application that contains information about organizations, programs and services available to Fairfax County residents. The HSRG provides detailed descriptions services offered by public and non-profit organizations.

Click on a photo to find Services


Food


Housing


Financial Assistance


Medical/Health


Shelter


Employment


Clothing/Household


Transportation

Search for Services

Keyword (Service Search) | Organization/Agency Search | Advanced Search

Please type your keyword in the field below, then click "Search". For best results, choose one word that best describes the service you are seeking. Less is more (ex. Type "cloth" for clothing, "counseling" for mental health counseling, employment counseling, budget counseling).

Enter Service Name
and/or Zip: Enter 5 Digit Zip Code [Search] [Reset]

AGENCY CATEGORY Best GIS Integration or Application Development Honorable Mention

Human Services Resource Guide Redesign

(<http://www.fairfaxcounty.gov/HSRG/>)

Department of Neighborhood and
Community Services; Department of
Information Technology

Service: CLOTHING, TOYS, FOOD - HIV/AIDS INFANTS/CHILDREN
Service Description: Collects and distributes children's clothes, diapers, wipes, peanut butter, and other simple food items clients wish list.

* Organization: NORTHERN VIRGINIA AIDS MINISTRY

Residency: Northern Virginia
Fee Description: Service is Free

Address: 803 WEST BROAD STREET, SUITE 700, FALLS CHURCH, VA 22048-0000 [Map] [Get Directions]
Public Transportation: Fairfax Connector, Metrolinx
Accessibility: Fully Accessible
Contact for Service: Staff On Duty
Phone: (703) 533-6505
TDD: 711
Fax: (703) 533-6506
Service Hours: M - F, 9am - 5pm
Business Hours: M - F, 9am - 5pm
Appointment Required: Yes
Referral Required: Social Service Agency
Language Other than English:
Availability: Dependent On Donations
Associated Classifications: Baby Clothing, Baby Furniture, Diapers, Pediatric Aids

Address: 803 WEST BROAD STREET, SUITE 700, FALLS CHURCH, VA 22048-0000



Service Search Results: FOOD

Human Services Resource Guide
Just a click away



Search Within Results: filter on Service Name or City or Zip Code [Search] [Clear Filter]

Display Map

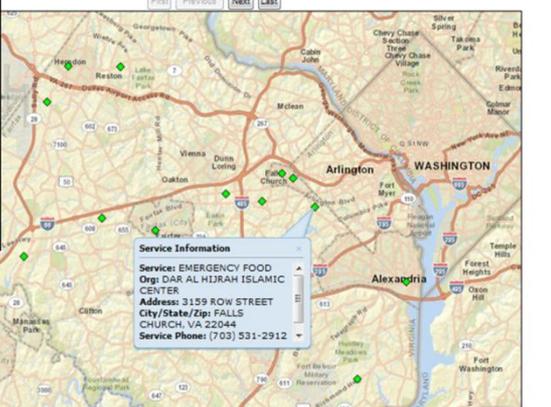
Food search found 76 records. Page 1 of 4

Go to Page: 1 [First] [Previous] [Next] [Last]

Service	City	State
Service: CLOTHING, TOYS, FOOD - HIV/AIDS INFANTS/CHILDREN * Organization: NORTHERN VIRGINIA AIDS MINISTRY Service Address: 803 WEST BROAD STREET, SUITE 700 Service Phone: (703) 533-6505 TDD: 711 Show Service Description	FALLS CHURCH	VA
Service: COMMUNITY EDUCATION/WORKSHOPS - FOOD/NUTRITION * Organization: CAPITAL AREA FOOD BANK Service Address: 4900 PUERTO RICO AVENUE NE Service Phone: (202) 526-5344 TDD: 711 Show Service Description	WASHINGTON	DC
Service: DONATIONS - PET FOOD * Organization: HUMANE SOCIETY OF FAIRFAX COUNTY, INC. Service Address: 4057 CHAIN BRIDGE ROAD Service Phone: (703) 585-7387 TDD: 711 Show Service Description	FAIRFAX	VA

Search Results: filter on Service Name or City or Zip Code [Search] [Clear Filter]

Hide Map [First] [Previous] [Next] [Last]



Service Information
Service: EMERGENCY FOOD
Org: DAR AL HIJRAH ISLAMIC CENTER
Address: 3159 ROW STREET
City/State/Zip: FALLS CHURCH, VA 22044
Service Phone: (703) 531-2912

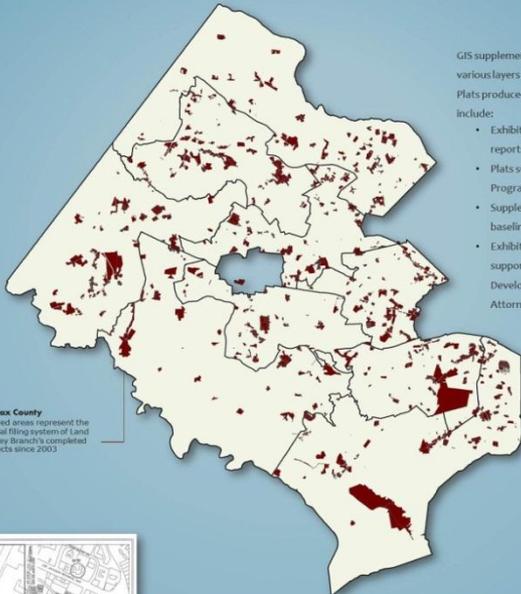
DAILY INTEGRATION OF GIS IN LSB

Land Survey Branch (LSB) uses GIS in support of myriad daily duties! The GIS layer helps avoid redundant work efforts by showing the location of nearly 10 years of projects.

Land Survey Branch (LSB) created a GIS layer as the spatial key for the filing and retrieval of completed Land Survey projects.

This visual system is much easier to use than the traditional fund/project number system. The layer shows project location and helps users check for prior projects completed in the vicinity.

This saves money by avoiding potential duplication of office and field work. Metadata includes who, what, when, and statistics of the project, and a hyperlink to the AutoCAD project folder.



Fairfax County
The red areas represent the spatial filing system of Land Survey Branch's completed projects since 2003.

GIS supplements field survey data in AutoCAD with various layers: strengthen and clarify Exhibits, Plans, and Plats produced by Land Survey Branch. Specific uses include:

- Exhibits supporting zoning determination reports for the Zoning Administrator
- Plats supporting the Capital Improvement Program
- Supplement field survey of LIDAR calibration baselines for the Police Department
- Exhibits showing changes in land over time supporting enforcement actions of Land Development Services and Office of the County Attorney

McLean Police Station
This Vicinity Map was created from Fairfax County GIS layers and AutoCAD supplement.



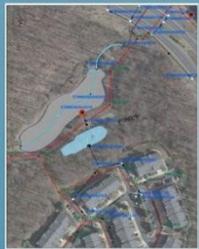
Fair Ridge "A" Pond
The pictures below display how the scans of the completed LSB County Projects are linked. When the lightning symbol is selected, it will launch the scanned PDF document with the Ae-built information to share with other agencies.



Police LIDAR Baselines
The planimetric information was obtained from Fairfax County GIS layers to supplement field survey data.



Fairfax County Government Center Stream Restoration
Shows the use of GIS layers to obtain information of sanitary and stormwater structures with pictures of the actual projects.



DESIGN PREPARED BY
LAND SURVEY BRANCH
FAIRFAX COUNTY
DEPARTMENT OF PUBLIC WORKS
AND ENVIRONMENTAL SERVICES
GEOGRAPHIC FACILITIES
UTILITIES DESIGN AND CONSTRUCTION DIVISION



ADA Compliance
The plat shows the use of Fairfax County Aerial Imagery and GIS layers to create the exhibit and Vicinity Map facilitating ADA Compliance projects.

AGENCY CATEGORY

Most Significant Progress

Daily Integration of GIS in Land Survey Branch

Department of Public Works and Environmental Services - Land Survey Branch



2012 GIS Excellence Awards

