

A Step Ahead:

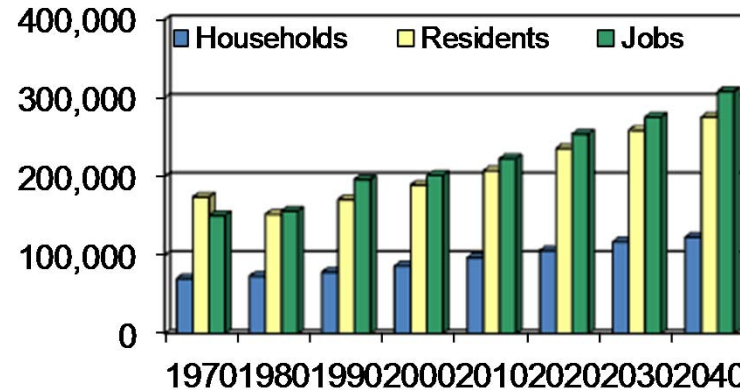
Integrating Safe Routes Planning into School Construction and Expansion Projects



Outline

- I. Arlington County Context
- II. Arlington Public Schools Context and Efforts to Encourage Alternative Transportation
- III. Q & A

Community Context



- Arlington, Virginia – 25.8 sq. miles in area including federal lands
- At the confluence of major regional transportation facilities
- Located in the core of a rapidly growing Washington region (over 6 million residents, 3 million jobs and 1,200 sq. miles of urbanized area)
- Continuing to grow – with over 276,000 residents and 308,000 jobs projected by 2040 (212,900 residents and 228,700 jobs in January 2013)
- Over 88.5% of all housing/household/population growth and 96% of all employment growth forecasts for established transit districts (Rosslyn-Ballston, Jefferson Davis and Columbia Pike Corridors)

Community Demographics

- Racially/ethnically/culturally diverse population – 36% Hispanic, Asian, African-American, multi-racial
- Small household size – 2.16 persons per average household, 40% single person households
- High educational attainment – 70% of adult residents have a bachelors degree and 36.7% have a graduate degree
- High per capita income - \$85,600
- Consistently low unemployment – 3.3% in 2013 and very high workforce participation
- Very high level of community engagement – 61 active civic associations, 45 active County Board and County Manager-appointed commissions and committees, and 178 community service organizations



Development Characteristics



- 44.5 million sq. ft. of office space*, 41 million sq. ft. in Metro station areas* with over 4 million sq. ft. of supporting retail & services
- 108,000 housing units (over 43,000 in Metro station areas)
- Over 3,250 housing units, 1.6 million sq. ft. of office, 190,000 sq. ft. of retail under construction as of January 2013.
- Much of the community retains a low-rise residential character consistent with 1930's – 1950's suburban residential development

*Includes the Pentagon @ 5 million sq. Ft.

Requiring Development-Specific Transportation Demand Management

- Participation in County-wide Commuter Services programs
- Transit subsidies
- On-site improvements including sidewalk/streetscape and bicycle facilities
- On-site travel information
- Parking management
- Transportation performance surveys



EPA – Potomac Yard (completed 2006)

ATP participant

Employee transit subsidies

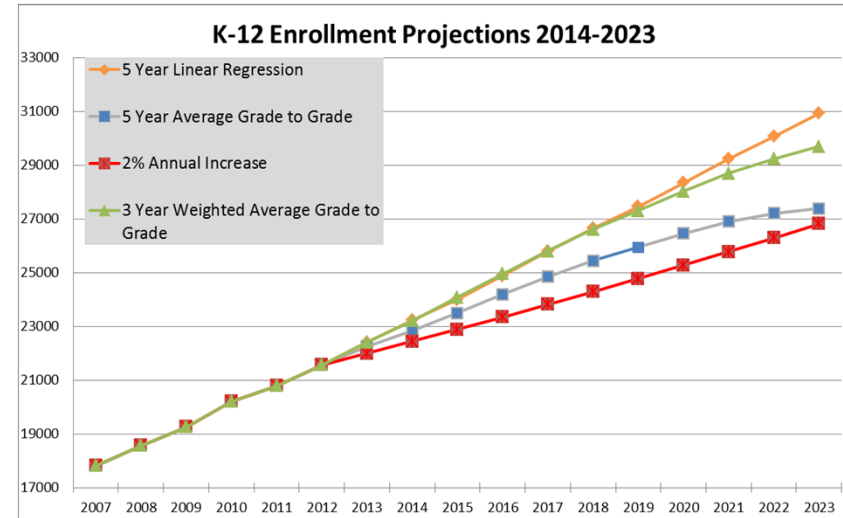
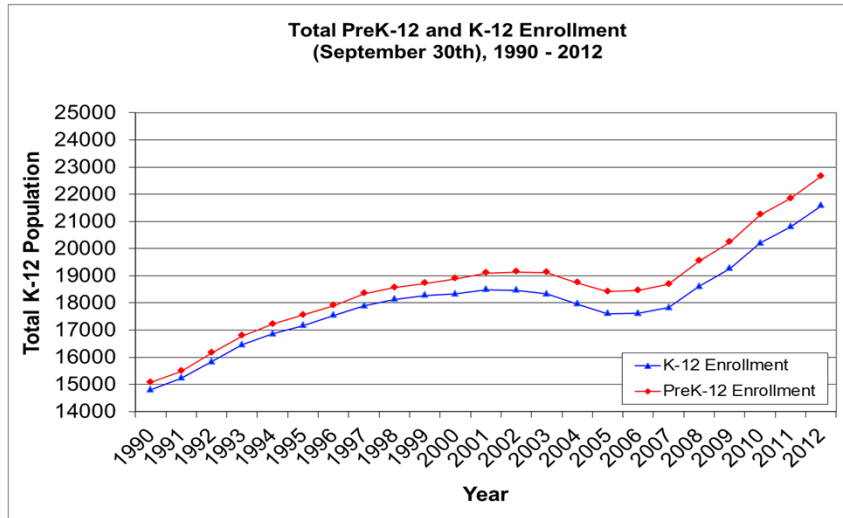
Dedicated transitway and station

Sidewalk and bicycle improvements

Market-rate parking charges

On-site transportation coordinator

Arlington Public Schools



- Total enrollment September 30, 2012: 22,613 students
- Schools: 22 elementary, 5 middle, 3 high, and 1 secondary (6-12)
- Diversity: students hail from 126 nations and speak 98 languages
- Enrollment increase from FY 2008 to FY 2013: 21% (3,918 students)
- Seats to be added over next five years: 1,875 seats in 2 new elementary schools and 3 additions to elementary schools
- Total enrollment projected September 30, 2022: 30,103 students
- Currently over 45% of APS students receive school bus transportation services



Transportation Statistics and Goals

Statistic	Goal
Number of buses:	Reduce
Number of routes per bus per day:	Increase
Number of eligible bus riders:	TBD
Students carried per day:	Increase
% of eligible riders carried per day:	Increase
Miles travelled per day:	Reduce
Gallons fuel consumed per year:	Reduce
Maximum walk distance elementary students: 1 mile	Reduce
Maximum walk distance middle and high students: 1½ miles	Reduce



Enrollment Projections

School Year	PreK	Elementary	Middle	High	K-12 Total	PreK-12 Total
2005*	811	8,428	3,826	5,305	17,600	18,411
2010*	1,040	10,440	4,096	5,665	20,201	21,241
2011*	1,044	10,924	4,171	5,702	20,797	21,841
2012*	1,040	11,352	4,467	5,754	21,573	22,613
2013	1,040	11,825	4,673	5,885	22,383	23,423
2014	1,040	12,256	4,894	6,049	23,199	24,239
2015	1,040	12,615	5,121	6,305	24,041	25,081
2016	1,040	12,876	5,437	6,617	24,930	25,970
2017	1,040	13,182	5,625	6,937	25,744	26,784
2018	1,040	13,308	5,891	7,320	26,519	27,559
2019	1,040	13,516	6,024	7,745	27,285	28,325
2020	1,040	13,708	6,262	8,056	28,026	29,066
2021	1,040	13,844	6,366	8,495	28,705	29,745
2022	1,040	14,011	6,480	8,789	29,280	30,320
2023	1,040	14,175	6,575	8,987	29,737	30,777



Capital Improvement Projects

- 2014 – Addition at Ashlawn ES (225 seats)
- 2015 – New elementary school @
Williamsburg Middle site (630 seats)
- 2016 – Addition at ATS (225 seats)
– Addition at McKinley (225 seats)
- 2017 – New elementary school @
Carlin Springs ES site (630 seats)



Transportation Demand Management Plan



TDM Plan: Community Engagement



- PFRC: Public Facilities Review Committee
- BLPC: Building Level Planning Committee
- MMTSSSC: Multimodal Transportation & Student Safety Special Committee
- Superintendent's Master Planning Committee
- FAC: Advisory Council on School Facilities & Capital Programs



APS GO!

Smart Routes, Smart Choices



Smart Routes, Smart Choices

What is it?

- Comprehensive and innovative plan that will promote smart and sustainable transportation choices for our diverse and growing APS community.
- May be one of the first community-wide, school-driven transportation plans of its kind in the country.

Purpose?

- STUDENT SAFETY
- Reduce congestion around schools & on Arlington streets
- Reduce carbon emissions
- Promote healthy lifestyles
- Increase alertness of students in school
- Alignment with Arlington County planning for smart growth



Smart Routes, Smart Choices

Multi-modal Access Assessment

- Late October – Early November
- Team of transportation consultants to evaluate opportunities and barriers for various transportation options for each APS location.
- Principals and staff have been notified when their school assessment will take place.

Surveys

- **APS GO!** Smart Routes, Smart Choices is the first APS community wide transportation plan and will be the foundation for future TDM initiatives.
 - The **APS GO!** Smart Routes, Smart Choices study team will also coordinate four surveys:
 - **Student Travel Tally** (October 14 - 25)
 - **HS Student Travel Survey*** (October 21 - 25)
 - **Parent Survey*** (October 21 - November 1)
 - Pilot Survey October 10th - 16th
 - **Staff Survey*** (October 21 - November 1)
 - Pilot Survey October 10th - 16th
- *Bi-lingual Surveys (Spanish)



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