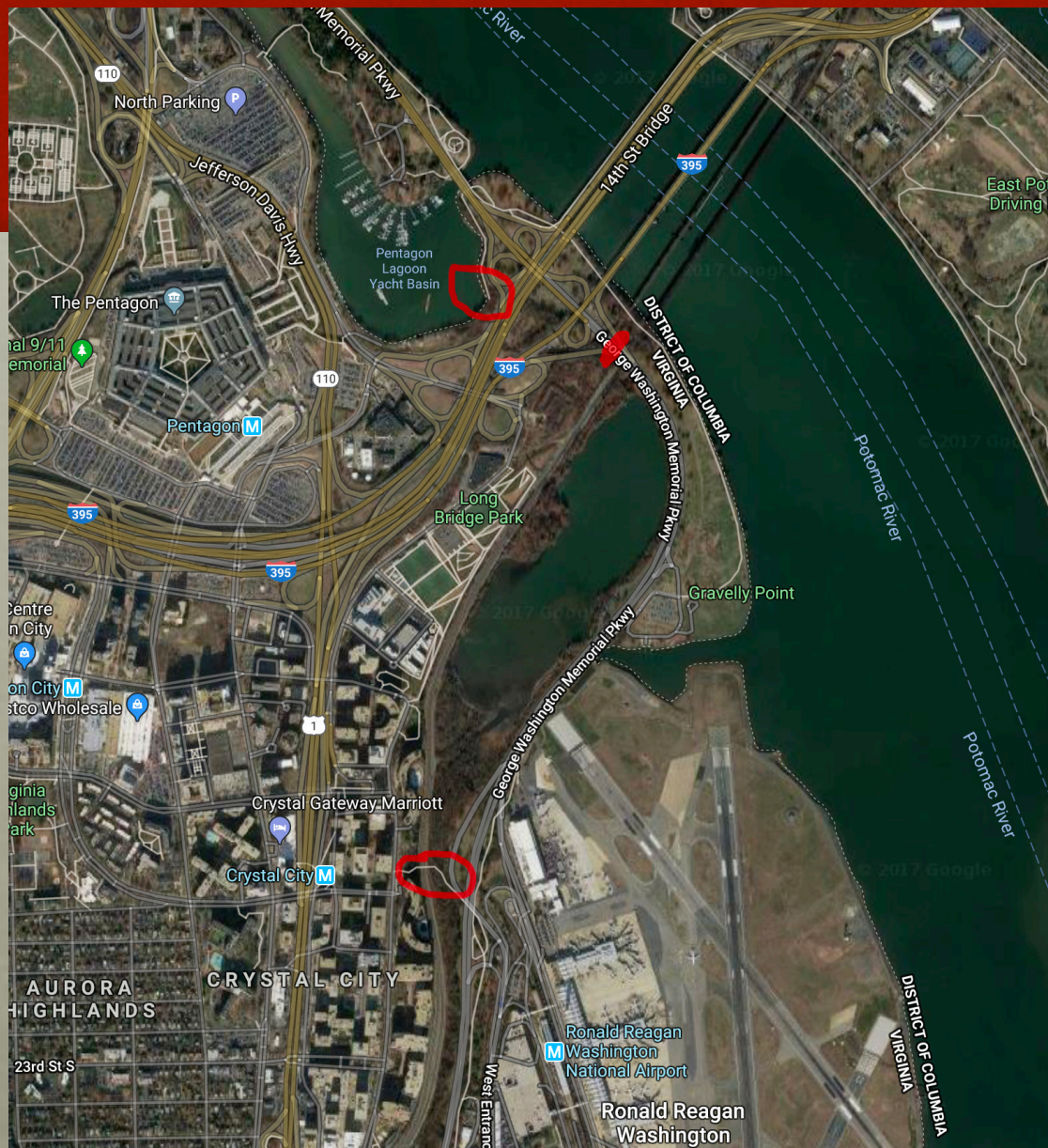


LONG BRIDGE- PARK AND RAILROAD BRIDGE: CONNECTION?





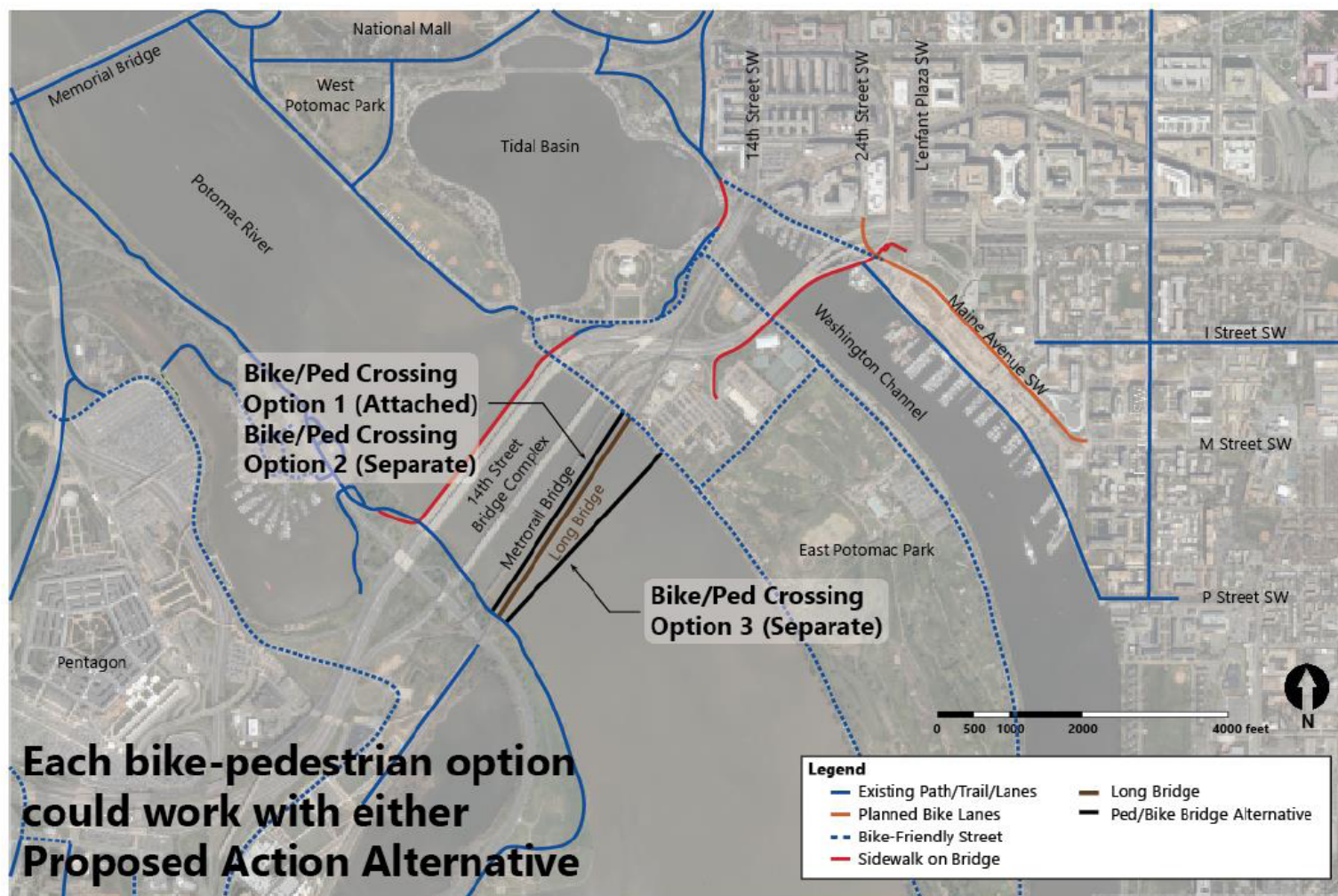
- 1) Basic Location Information
- 2) Local Crystal City Information
- 3) Possible Courses of Action





The park design integrates building, parking, and multi-use outdoor spaces into a cohesive performance landscape linking seamlessly to Phase 1.

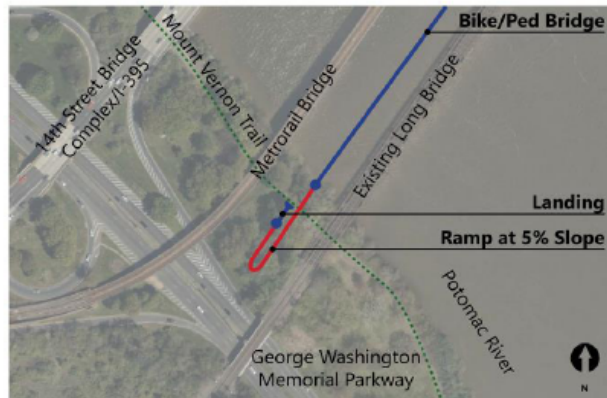
Bike-Pedestrian Crossing Opportunities



Bike-Pedestrian Crossing Ramps

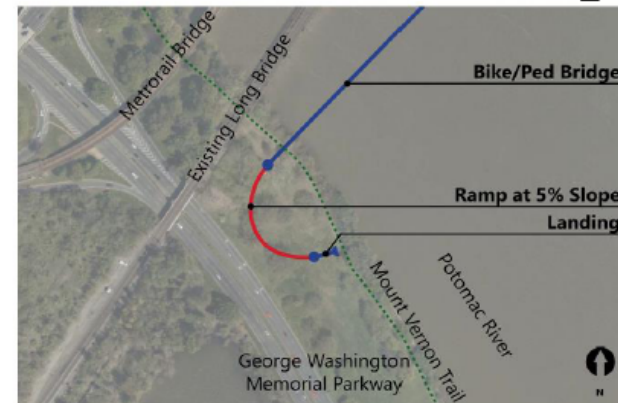
Potential Landings in Virginia

Upstream of Railroad Bridges

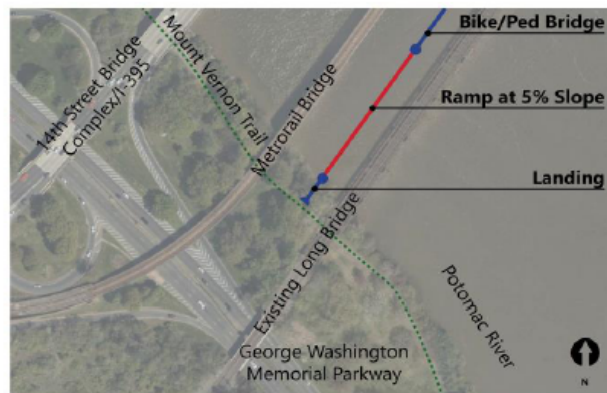


Landing with ramp over land

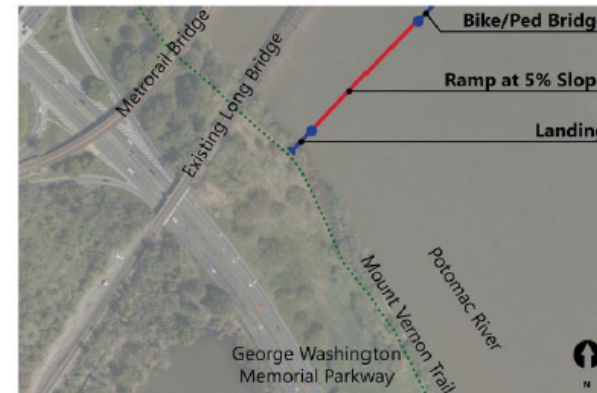
Downstream of Railroad Bridges



Landing with ramp over land



Landing with ramp over water



Landing with ramp over water

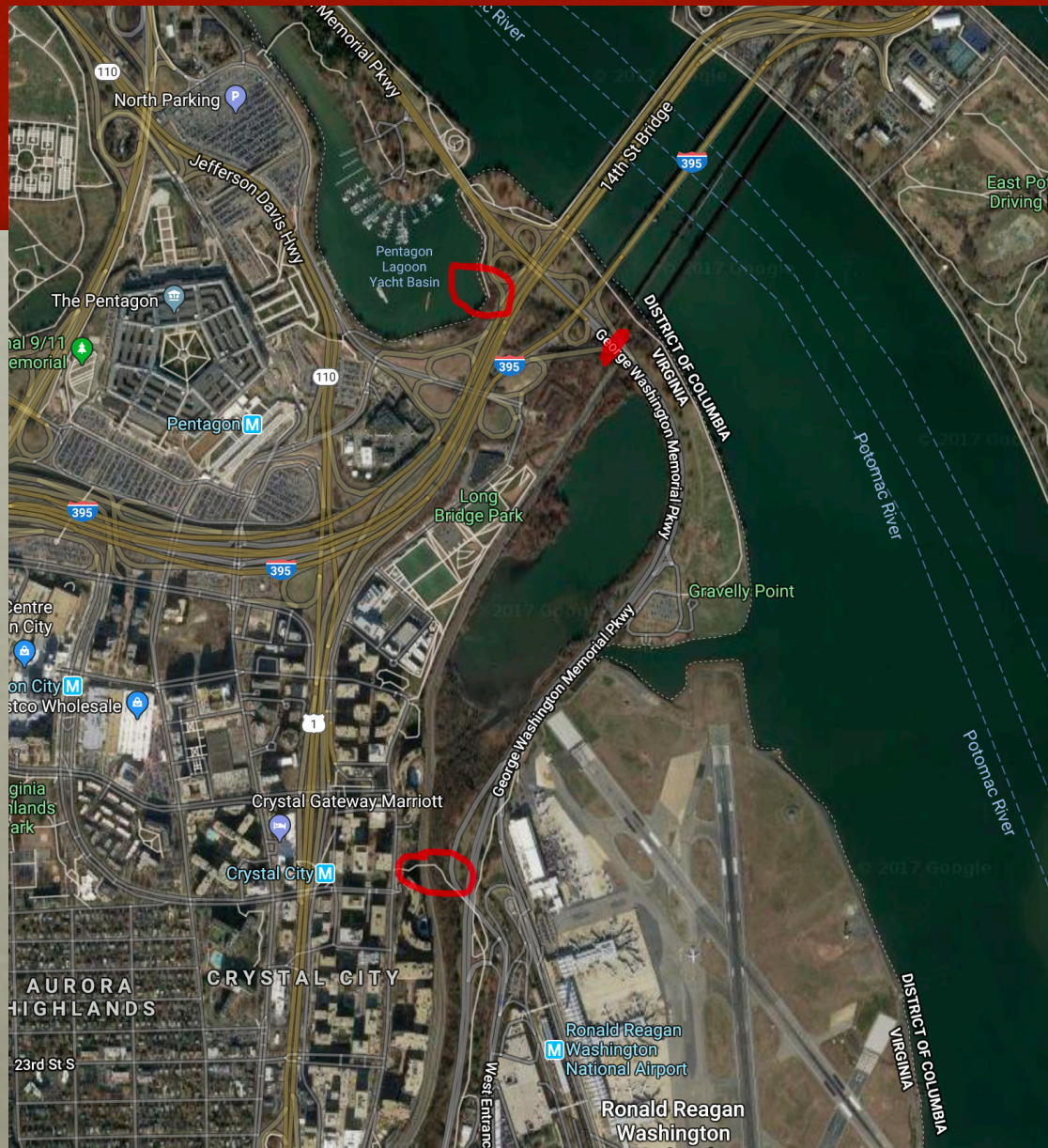
** Maximum 5 percent slope required by Americans with Disabilities Act regulations*

PLANNED CONNECTION

- In 2004, the North Tract Task Force Report, which was accepted by the County Board, included a recommendation for a connection between the Park and the Mt. Vernon Trail. Every County planning document since then has included such a connection.
- The NPS Bike/Ped plan also has a bridge between Long Bridge Park and the MT. Vernon Trail. The NPS is interested in relief for the congestion around Gravelly Point.

WHY IS THIS BRIDGE SO IMPORTANT FOR PEDS?

- 1) Bikes have a greater range of traveling circuitous routes than pedestrians.
- 2) Safety- Parts of the existing connections are not safe for all pedestrians (example senior citizens).
- 3) Small groups and younger children have a difficult time walking existing connections.
- 4) Access to new facility.

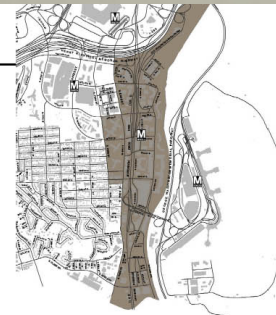


POPULATION- 10,000+6,000 P.C.

CRYSTAL CITY Metro Station Area Demographics 2010 Census (Summary File 1)

The Crystal City Metro Station Area (MSA) is situated on the Yellow and Blue Metrorail lines between Pentagon City and Reagan National Airport Metro stations. Part of the Jefferson Davis (JD) Corridor, The Crystal City MSA includes land on either side of JD Highway, from I-395 in the north to the City of Alexandria. While office towers are most prominent along Crystal City's skyline, there is substantial residential development in the MSA.

According to the 2010 Census, over 73 percent of housing units are rental units. The majority of households are one or two person households at almost 89 percent of all households. Similar to the MSAs in the R-B corridor, the largest share of residents in the Crystal City MSA are in the age group 25-34.

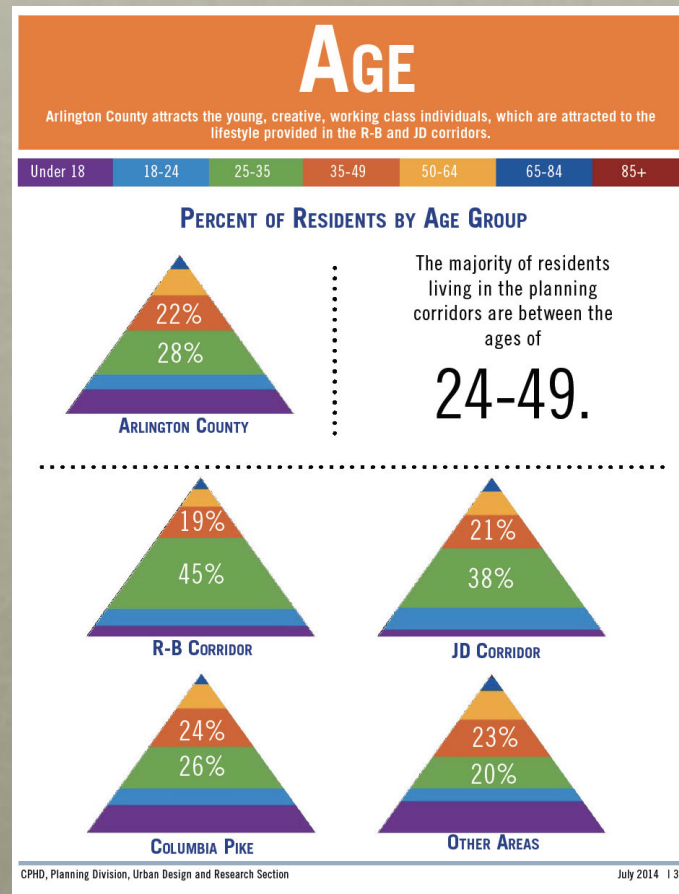


	Crystal City		Arlington			Crystal City		Arlington	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
TOTAL POPULATION	10,550	100.0%	207,627	100.0%	TOTAL HOUSEHOLDS	6,542	100.0%	98,050	100.0%
Total Non-Hispanic or Latino	9,693	91.9%	176,245	84.9%	Household Type				
White alone	7,062	66.9%	132,961	64.0%	Family households:	1,679	25.7%	41,607	42.4%
Black or African-American alone	1,019	9.7%	17,088	8.2%	Husband-wife family	1,412	21.6%	33,218	33.9%
American Indian or Alaska Native alone	35	0.3%	394	0.2%	Other family:	267	4.1%	8,389	8.6%
Asian alone	1,234	11.7%	19,762	9.5%	Male householder, no wife present	95	1.5%	2,623	2.7%
Native Hawaiian or Pacific Islander Alone	14	0.1%	133	0.1%	Female householder, no husband present	172	2.6%	5,766	5.9%
Some other Race alone	24	0.2%	611	0.3%	Nonfamily households:	4,863	74.3%	56,443	57.6%
Two or more Races	305	2.9%	5,296	2.6%	Householder living alone	3,578	54.7%	40,516	41.3%
					Householder not living alone	1,285	19.6%	15,927	16.2%
Total Hispanic or Latino	857	8.1%	31,382	15.1%	Household Size				
Age Distribution					1-person household	3,578	54.7%	40,516	41.3%
Under 5 years	315	3.0%	11,782	5.7%	2-person household	2,241	34.3%	31,738	32.4%
5 to 17 years	269	2.5%	20,844	10.0%	3-person household	495	7.6%	11,633	11.9%
18 to 24 years	1,502	14.2%	20,315	9.8%	4-person household	167	2.6%	8,793	9.0%
25 to 34 years	4,043	38.3%	57,402	27.6%	5-person household	40	0.6%	3,286	3.4%
35 to 44 years	1,535	14.5%	32,868	15.8%	6-person household	16	0.2%	1,203	1.2%
45 to 54 years	1,269	12.0%	25,717	12.4%	7-or-more-person household	5	0.1%	881	0.9%
55 to 64 years	968	9.2%	20,645	9.9%	TOTAL HOUSING UNITS	7,924	100.0%	105,404	100.0%
65 to 74 years	387	3.7%	10,086	4.9%	Occupied Housing Units	6,542	82.6%	98,050	93.0%
75 to 84 years	183	1.7%	5,153	2.5%	Owner-Occupied	740	9.3%	42,457	40.3%
85 years and over	79	0.7%	2,815	1.4%	Renter-Occupied	5,802	73.2%	55,593	52.7%
Sex					Vacant Housing Units	1,382	17.4%	7,354	7.0%
Male	5,354	50.7%	103,501	49.8%					
Female	5,196	49.3%	104,126	50.2%					

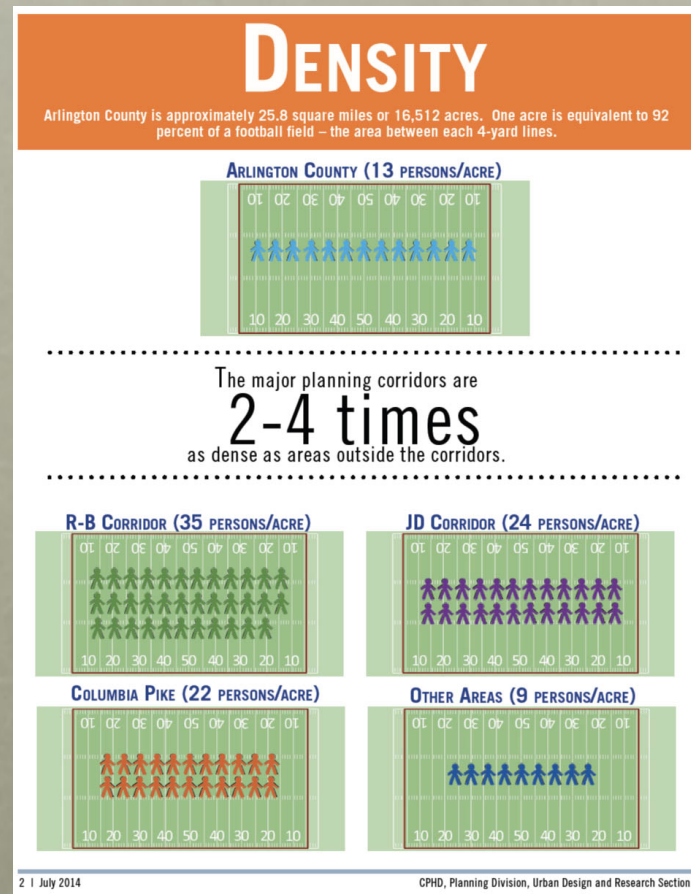
Prepared by Department of Community Planning, Housing and Development, Planning Division; Planning Research and Analysis Team (August 2011)



RIGHT AGE TO WALK.

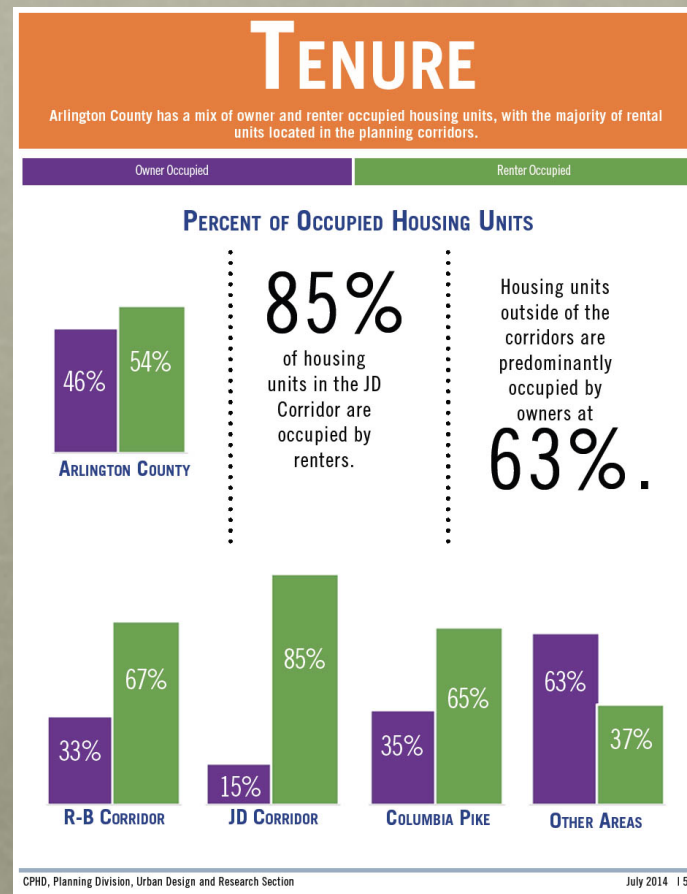


HIGH AND GETTING HIGHER DENSITY.



MANY USERS NOT YET LIVING IN THE COUNTY.

Renters average tenure is 2-3 years but this project will take 5 years.
Renters who do not currently live in the county will be the heavy users.



MASS TRANSIT TO WORK.

MODE TO WORK

Arlington County's focus on transit oriented development provides residents, workers, and visitors with a variety of transportation options.



CAR, TRUCK, OR VAN



PUBLIC TRANSPORTATION



OTHER MEANS INCLUDING BIKE AND WALK

ARLINGTON COUNTY



Out of every 10 residents, 6 use an automobile, 3 use public transportation, and 1 uses another mode to get to work.

6 of every 10

residents in the JD Corridor use public transportation to get to work.

R-B CORRIDOR



JD CORRIDOR



COLUMBIA PIKE



OTHER AREAS



AREA SHOULD BE FOCUS OF PEDESTRIAN EFFORTS

- The area has all the hallmarks of a high pedestrian area.
- But Pedestrians have a hard time to use the Mt. Vernon Trail or walk to DC.
- For major events, (think Cherry Festival or Mall events), it would be another way to move people to events.

LONG BRIDGE PROJECT IS AN OPPORTUNITY.

- Right where we want a Pedestrian Bridge, they are going to build a new bridge over the Parkway.
- The new bridge will be likely paid by VDOT and VRE with I-66 tolls.
- Board response to my memo, indicated a move by Staff to use a separate process to look at a bridge.

TWO DIFFERENT PATHS

- 1) Design and build an Arlington County Bridge 5-10 feet from the new Railroad bridge.
- 2) Attach a Ped/Bike lane to the new Railroad Bridge across the Parkway (note the bridge goes both across the Parkway and the River.) The new bridge may be one bridge or two different bridges.

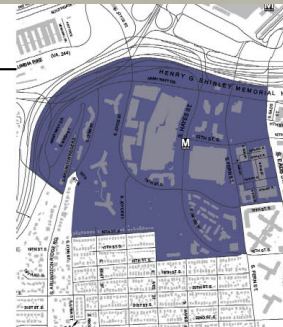
END

PENTAGON CITY Metro Station Area Demographics

2010 Census (Summary File 1)

The Pentagon City Metro Station Area (MSA) is situated on the Yellow and Blue Metrorail lines between Pentagon and Crystal City Metro Stations. The Pentagon MSA is part of the Jefferson Davis (JD) Corridor, located to the west of JD highway. The MSA contains a mix of residential, office, and commercial uses, including the Pentagon City Fashion Centre, the Ritz-Carlton hotel, and Pentagon Row. In addition the Pentagon City MSA includes a mix of multi-family apartment and condominium buildings and office developments.

According to the 2010 Census, over 91 percent of households in the Pentagon MSA are one or two person households and 77 percent of all households are nonfamily households.



	Pentagon City		Arlington			Pentagon City		Arlington	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
TOTAL POPULATION	6,806	100.0%	207,627	100.0%	TOTAL HOUSEHOLDS	4,428	100.0%	98,050	100.0%
Total Non-Hispanic or Latino	6,286	92.4%	176,245	84.9%	Household Type				
White alone	4,340	63.8%	132,961	64.0%	Family households:	1,020	23.0%	41,607	42.4%
Black or African-American alone	598	8.8%	17,088	8.2%	Husband-wife family	900	20.3%	33,218	33.9%
American Indian or Alaska Native alone	21	0.3%	394	0.2%	Other family:	120	2.7%	8,389	8.6%
Asian alone	1,127	16.6%	19,762	9.5%	Male householder, no wife present	33	0.7%	2,623	2.7%
Native Hawaiian or Pacific Islander Alone	5	0.1%	133	0.1%	Female householder, no husband present	87	2.0%	5,766	5.9%
Some other Race alone	14	0.2%	611	0.3%	Nonfamily households:	3,408	77.0%	56,443	57.6%
Two or more Races	181	2.7%	5,296	2.6%	Householder living alone	2,779	62.8%	40,516	41.3%
					Householder not living alone	629	14.2%	15,927	16.2%
Total Hispanic or Latino	520	7.6%	31,382	15.1%					
Age Distribution					Household Size				
Under 5 years	192	2.8%	11,782	5.7%	1-person household	2,779	62.8%	40,516	41.3%
5 to 17 years	128	1.9%	20,844	10.0%	2-person household	1,266	28.6%	31,738	32.4%
18 to 24 years	626	9.2%	20,315	9.8%	3-person household	278	6.3%	11,633	11.9%
25 to 34 years	2,557	37.6%	57,402	27.6%	4-person household	88	2.0%	8,793	9.0%
35 to 44 years	1,017	14.9%	32,868	15.8%	5-person household	13	0.3%	3,286	3.4%
45 to 54 years	688	10.1%	25,717	12.4%	6-person household	1	0.0%	1,203	1.2%
55 to 64 years	602	8.8%	20,645	9.9%	7-or-more-person household	3	0.1%	881	0.9%
65 to 74 years	468	6.9%	10,086	4.9%					
75 to 84 years	371	5.5%	5,153	2.5%	TOTAL HOUSING UNITS	5,127	100.0%	105,404	100.0%
85 years and over	157	2.3%	2,815	1.4%	Occupied Housing Units	4,428	86.4%	98,050	93.0%
Sex					Owner-Occupied	705	13.8%	42,457	40.3%
Male	3,199	47.0%	103,501	49.8%	Renter-Occupied	3,723	72.6%	55,593	52.7%
Female	3,607	53.0%	104,126	50.2%	Vacant Housing Units	699	13.6%	7,354	7.0%



