



Plan2040 Implementation Advisory Committee

October 22, 2022

Agenda



- 1) Purpose of the Implementation Committee
- 2) Progress to Date
- 3) Priorities Discussion

Purpose



- **Monitor the progress of Plan2040.**
- **Provide guidance to the County Executive, County Council, and County staff on implementation**
- **Meet at least once annually and provide recommendations on priorities, funding, and approach to implementing Plan2040**

Relationship to Budget



- **Implementation Committee recommendations will inform budget development**

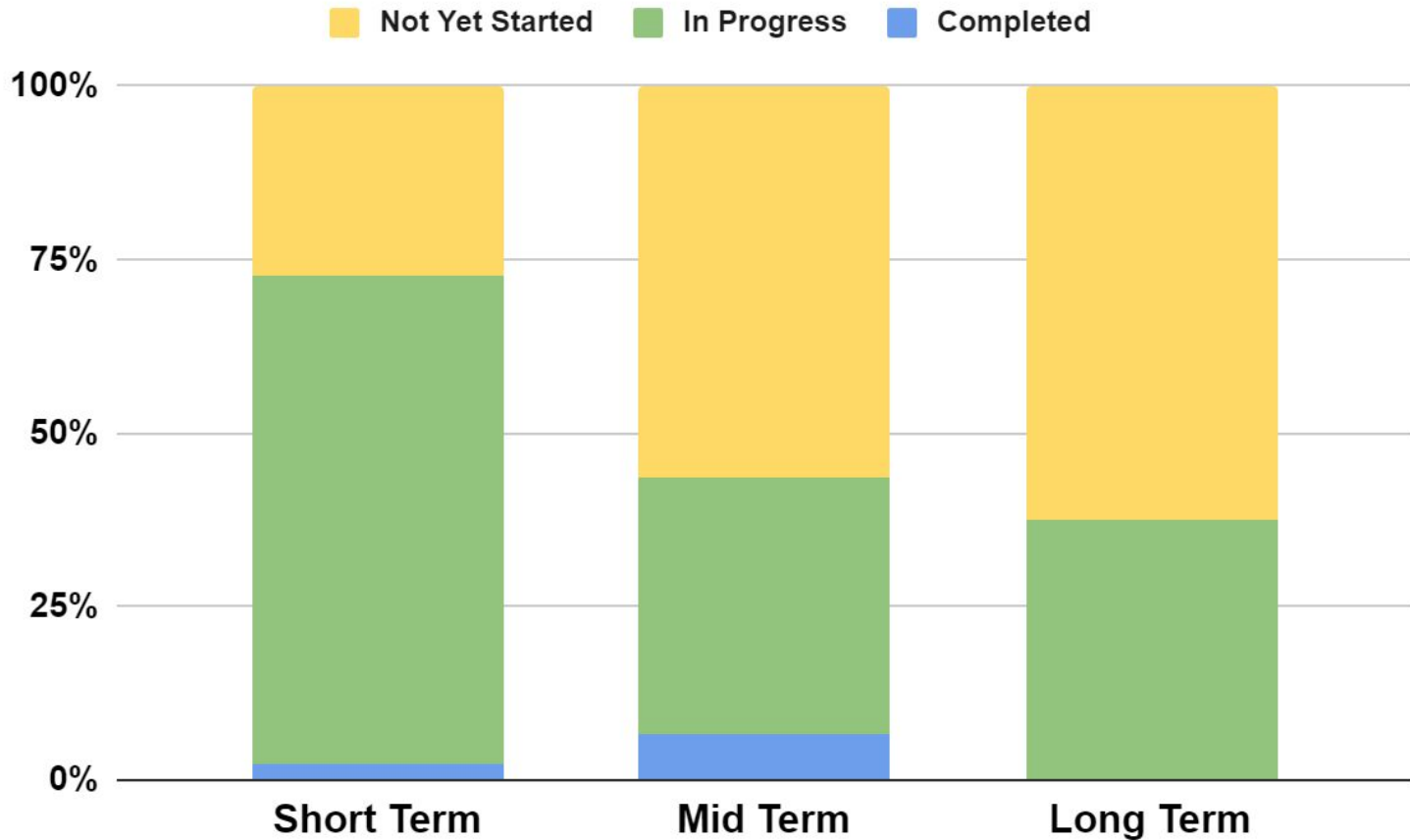
Budget Process (Fiscal Year July 1 - June 30)

- **Departments develop capital and operating budgets (*September - October*)**
- **Compilation by Budget Office**
- **Spending Affordability Committee Review (*November - December*)**
- **Planning Advisory Board review of capital budget (*February - April*)**
- **County Council Review and Adoption (*May - June*)**

Progress to Date



70% of all Strategies In Progress or Completed



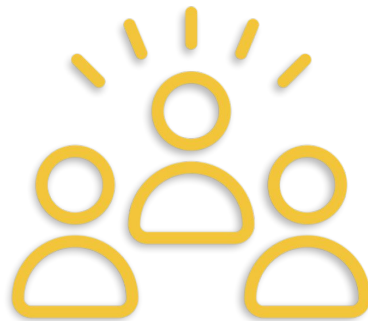
Key Performance Indicators



Natural Environment



Built Environment



Healthy Community



Healthy Economy

Natural Environment



Land
Stewardship



40 acres

of natural areas acquired

by County Recreation and Parks Department in 2021. Total of 18,729 acres in County-owned recreation and resource lands.

Vegetation



121 acres

of farm and forest conserved

through easements in 2021. Total of 14,083 acres protected by easements through Agricultural and Woodland Preservation Program.

Water and Soils



4,255 trees

planted in 2021

by Watershed Stewards Academy volunteer projects.

243

septic systems upgraded in 2021

to reduce nitrogen pollution and 12 septic systems were converted and connected to sewer systems.

Built Environment



Residential
Development



64% of residential building permits

inside the Priority Funding Area

4% of dwellings permitted within Targeted Growth Areas

Businesses

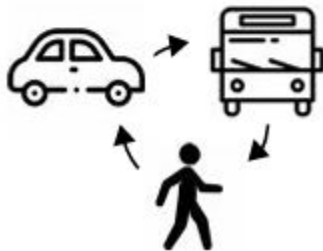


90% of commercial building permits

inside the Priority Founding Area

64% in Targeted Growth Areas

Transportation



5,245 Million VMT

(Vehicle Miles Travelled) in Anne Arundel

in 2020, according to the MDOT State Highway Administration 2021 Annual Report. This was a 19% decrease from 6,248M in 2019.

95% of roads

in good condition

based on annual monitoring and maintenance.

Healthy Communities



Emergency Response



4.07 minutes

Emergency Response Time

for Priority 1 calls that reach the Anne Arundel Police Department, well below the 5.1 minutes target.

Education



39 of 109 schools

at or above capacity

based on School Utilization Chart adopted by County Council December 2021.

Libraries



0.47 square feet

of library space per capita

with the target being 0.5 square feet of Gross Floor Area (GSF). Our libraries also have a 90% customer satisfaction rating.

Parks



67 acres

of public park land per 1,000 residents

comparatively, the National Recreation and Parks Association has a benchmark of 10.6 acres / 1,000 residents.

For all ages



481,860 meals

served at Senior Activity Centers and other senior nutrition sites in fiscal year 2021.

Healthy Economy



21,242 jobs

added in 2021

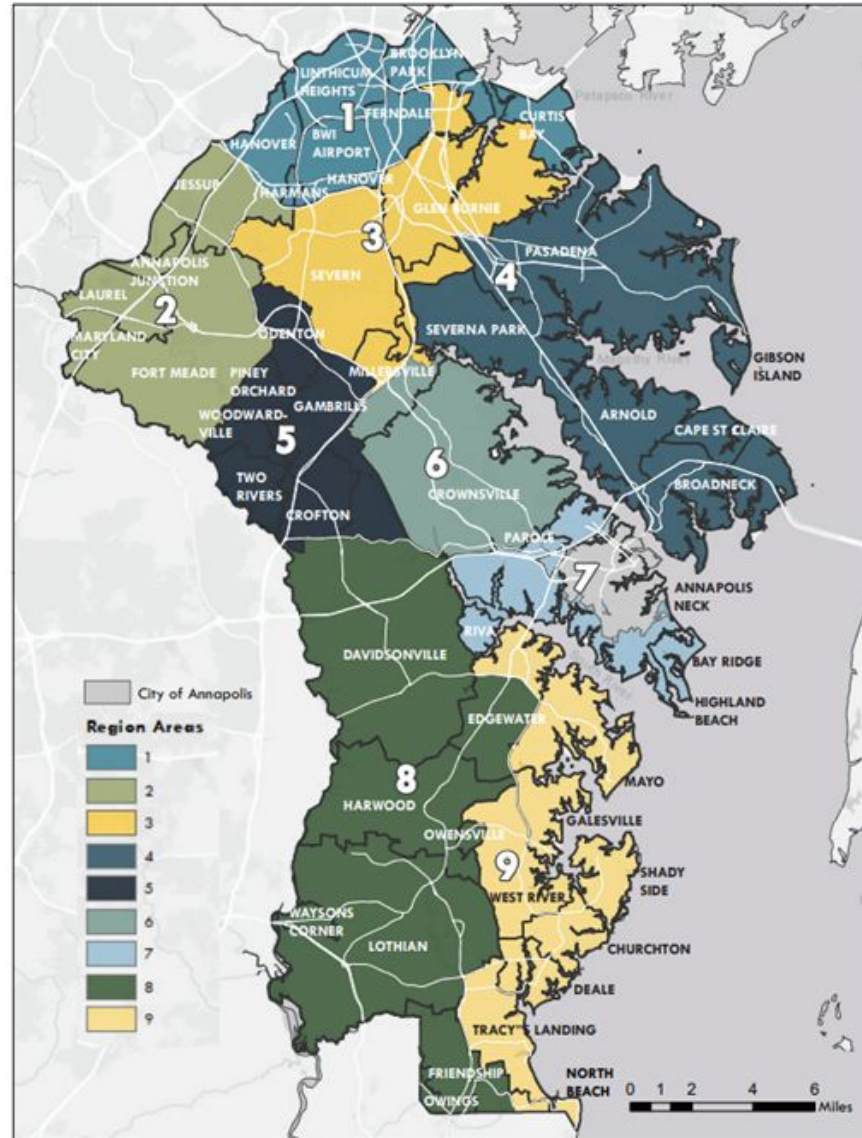
Unemployment

3.7% in August 2022
5.0% in August 2021

Vacancy Rates

Property Type	Sept 2022	Sept 2021
Office	8.2%	8.8%
Flex	5.9%	9.0%
Industrial	2.6%	4.0%
Retail	5.2%	5.2%

Region Plans



Priorities Discussion



In Small Groups at your tables

- 1. Write down what you think are the most important challenges / opportunities related to Plan2040 (write down 5)**
- 2. As a group, share your ideas and find where there are shared priorities**
- 3. Sharing out Small Group findings**

Panel Discussion



Anne Arundel County DPW & YOU

— Making a difference, together —



The Smart Way To Get There





WATER QUALITY IMPROVEMENTS - Bureau of Watershed Protection & Restoration (BWPR)

Mission - To restore County waterways, pursuant to the Bay Total Maximum Daily Load (TMDL) requirements and administer the County's Municipal Separate Storm Sewer System (MS4) permit.

- **Design and construct watershed restoration projects to reduce nutrient and pollution discharges in accordance with federal and state regulations.**
- **Focus on enhancing climate resilience of infrastructure and the built environment.**
- **Expand the list of stormwater best management practices eligible for tax incentives to include living shorelines.**

Department of Public Works



WATER QUALITY IMPROVEMENTS - Bureau of Utilities Operations / Bureau of Engineering

Mission - To restore County waterways, pursuant to the Bay Total Maximum Daily Load (TMDL) requirements

- **Plan, design and construct septic system conversions to Water Reclamation Facilities**
- **Continue treatment optimization and performance upgrades at all 7 WRF's**
- **Upgrade multiple small privately owned and underperforming wastewater plants to ENR standards**
- **Explore Managed Aquifer Recharge concept to improve surface water quality and provide sustainable water supply**



Our wAAtEr.



Small System Upgrades
Consolidate and/or upgrade
small privately owned facilities



Septic conversions
Goal of connecting 6,000
units over 30 years



Managed Aquifer Recharge
Test and implement at
Patuxent WRF





Department of Public Works

WATER QUANTITY (RESILIENCE) - BWPR / Bureau of Highways

Mission - To retrofit existing infrastructure to meet climate change challenges

- **Support and utilize the Resilience Authority to implement projects**
- **Target flood-prone properties, including non-tidal wetlands, and areas at risk from sea level rise as priorities for easement or fee simple acquisition.**
- **Identify at-risk roads, bridges and other infrastructure that are, or will be, vulnerable to flooding in the future and plan for appropriate maintenance and post-event recovery**
-



Plan 2040 Policy HC9.2: Maximize the life expectancy of the Millersville Landfill and delay replacement long into the future

DPW has completed studies of short-term capacity increases available within the currently permitted area of the landfill property

- Current projected life of landfill is 2048
- Depending on selected options, life could increase by 3-10 years
- Proceeding requires a landfill permit modification which takes about two years to complete

The FY 23 Capital Improvement Program includes a Planning Study to evaluate other options

- Future development opportunities on the current landfill campus (intermediate term); and
- The first look at possible sites elsewhere (long term)



Expand Landfill Capacity - Bureau of Waste Management Services

- Current capacity estimated to be consumed by 2048
- Continued “diversion strategy” through increased recycling; diverting trash to transfer station (to out of County landfill) and explore organics recycling
- Begin discussion of expansion options both at current location or a new location.
- Any option to expand capacity will require MDE permit authorization and supported through a public process.
- DPW's challenge is to lay out the future path, in a non-crisis environment, that can be followed to ensure capacity in the years beyond 2048

Office of Transportation



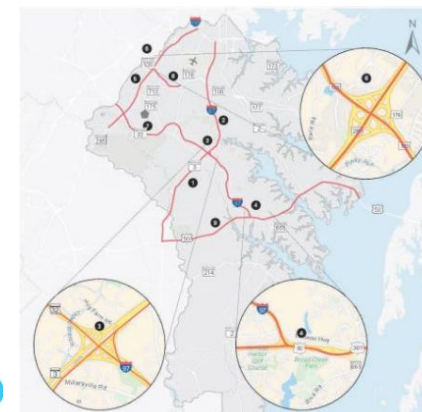
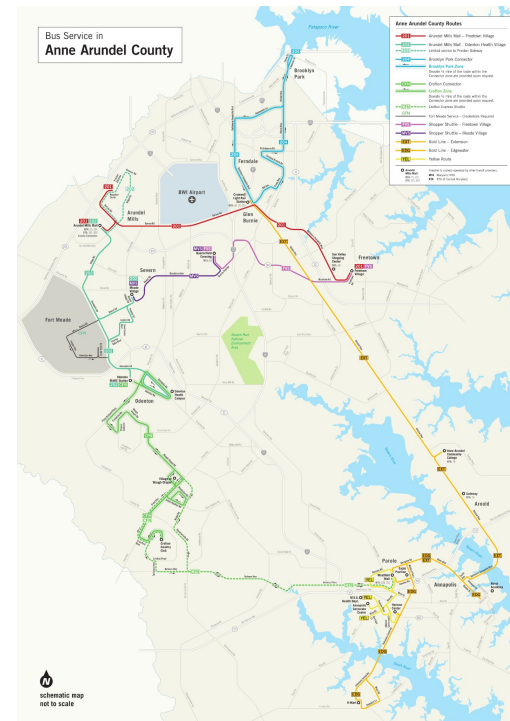
- **Move Anne Arundel Investment Priorities**
 - **Making Communities Walkable**
 - **Low-Stress Bicycle Network**
 - **Advancing a New Model for Transit**
 - **Upgrading County Corridors and Strengthening Community Cores**
 - **Improving Regional Corridors to Make Commutes Reliable**

Office of Transportation



- **Transit**
 - Operations Facility
 - Transit Development Plan
 - Additional bus drivers
 - Additional buses
 - Increased headways for bus routes
 - Additional bus services
 - Technology upgrades

- **Walk and Roll!**
- **Targeted Area Plans**
- **Pursuit of Federal Funding (Transit/Road/Bike-Ped)**
- **Capital Bike-Ped Projects**
- **Roadway Projects**
- **VZ Implementation**
- **Complete Streets**
- **APF**



Recreation & Parks



Anne Arundel County has:

*About 21 acres of recreation land for every 1,000 people --almost double the national standard. (**12,874.06 acres of Co. parkland**)

*104 County community parks, 5 County Regional parks

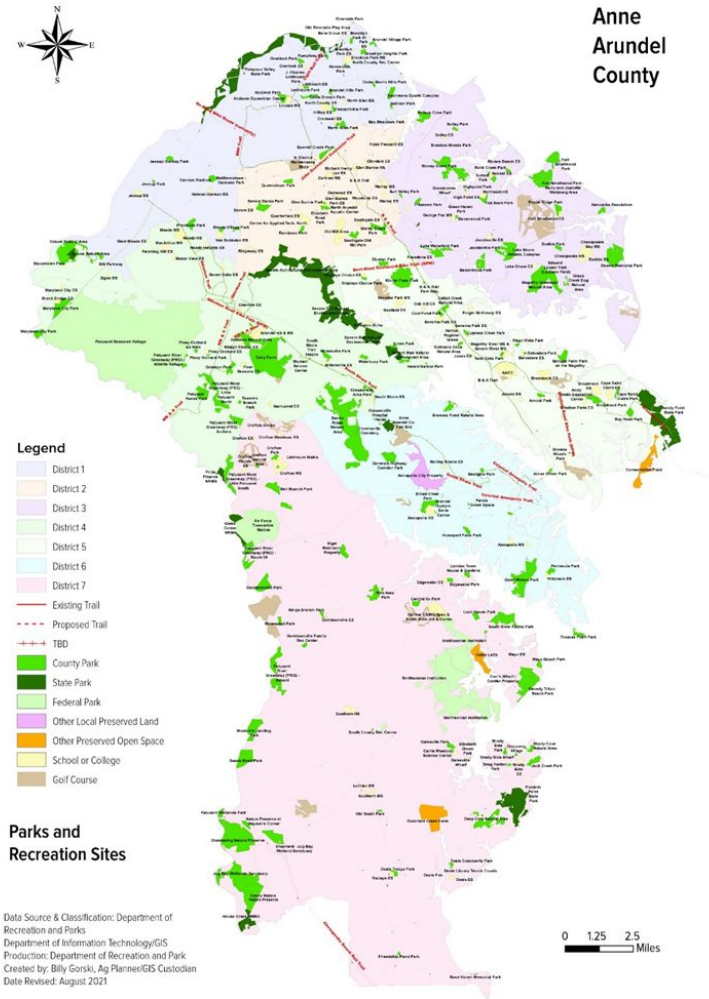
*2 Aquatic Centers

*3 Rec Centers

***533 miles of shoreline** with 6 public boat ramps, 28 public car-top launches, 39 locations for public fishing.

*More than **222 miles of trails** (not including ones in parks)

*Over **1,700 park amenities**, including 350 baseball fields, 286 basketball courts, 216 picnic areas, and 193 playgrounds.



Recreation & Parks



- Land Preservation, Parks and Recreation Plan





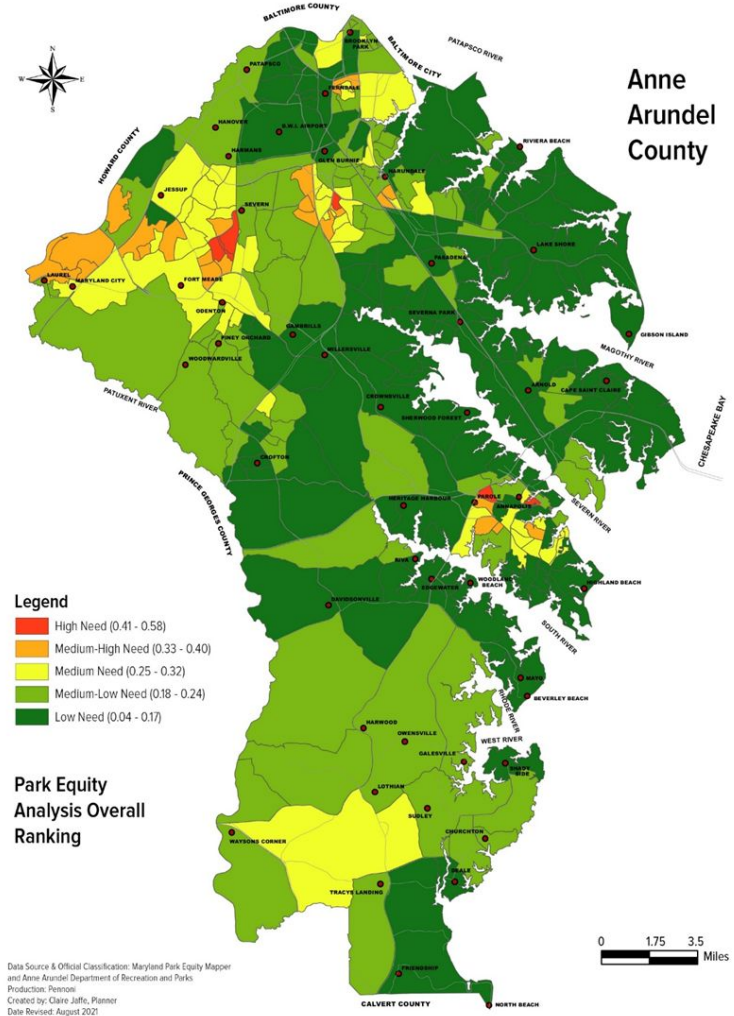
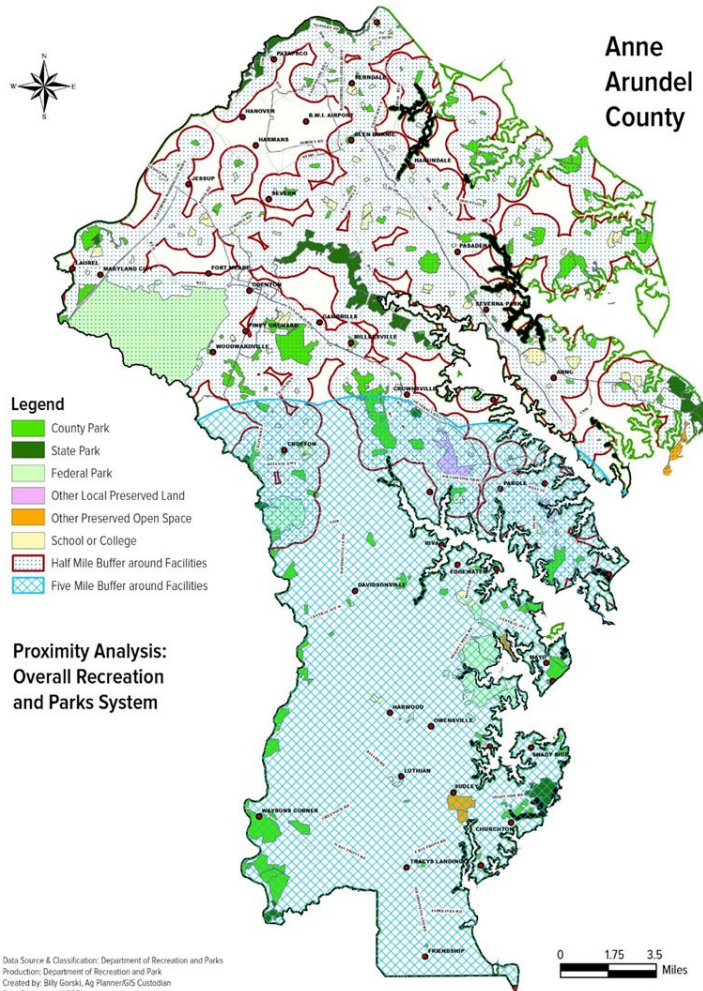
- **What did the Report tell us- Needs**

- Anne Arundel is doing very well compared to national standards.
- County Council Districts 1, 3, 5, and 4 are projected to grow the most by 2040.
- The 65+ age group is expected to grow the most by 2040.
- Top county-wide priorities from the survey:
 - Natural Areas and Outdoor Courses
 - Water Sports and Recreation
 - Outdoor Sports
 - Community Places
- Top priorities from the state survey were trails, park activities, and water recreation

Recreation & Parks



● What did the Report tell us- Proximity and Equity



Recreation & Parks



Possible Solutions:

- Team with Land Broker to help find land
- Land Purchases will rank higher if they are in a needs area vs those that are not
- Big Box Template Tool- for commercial space reuse
- Develop a smaller park model that can fit in more urban areas
- Brown to Green Spaces
- Working with the Board of Education to use
 - Their leftover land for park development until a school is needed.
 - Partner on field improvements to serve all residents
- Retrofit and Renovate what we have
 - Lighting, Irrigation, Conversions of underutilized spaces

Recreation & Parks



Other Challenges:

- Land Conservation
 - Additional funding for land purchases solely for conservation efforts
 - Partner with the private community on easements
- Water Access
 - Increase the efforts to include non-vessel related activities.
 - Continue to look for opportunities for public access on the Severn and Patuxent Rivers

Recreation & Parks



Other Challenges:

- **Accessibility-**
 - **Standalone ADA program to improve parks infrastructure**
 - **Updating playgrounds to have accessible surfaces to make play easier for all**
 - **Electronic Gate Systems**
 - **Multi generational amenities**
 - **Remove language barriers**

ACDS Affordable Housing



- Housing Trust Fund
- Policy Changes

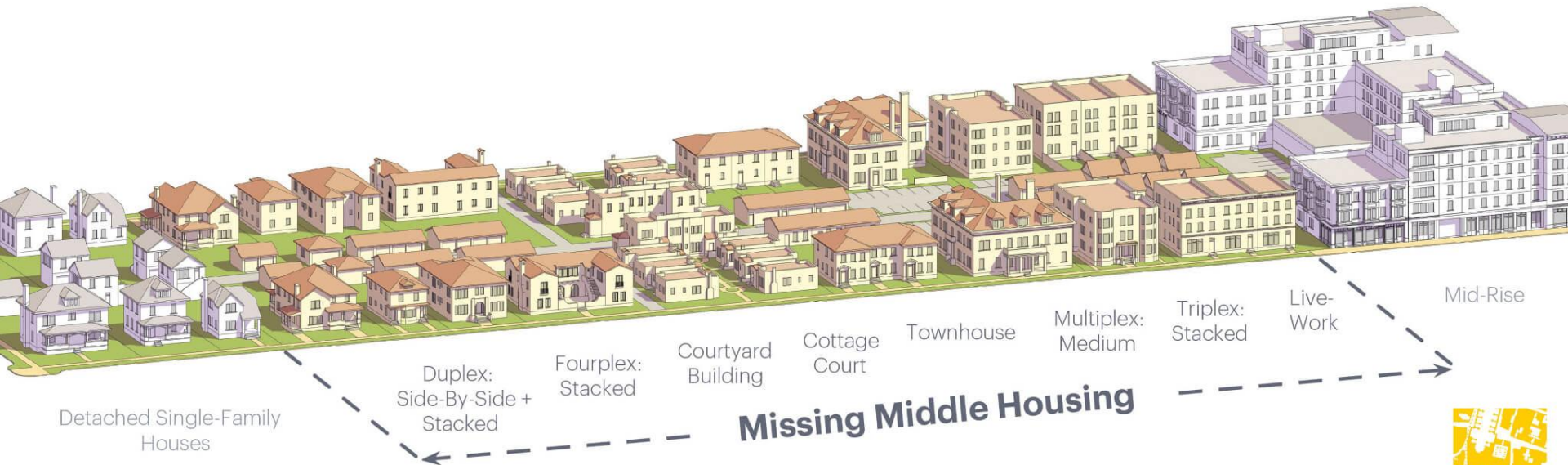


Office of Planning & Zoning



- **Smarter Code**

- **Zoning Code Cleanup**
- **Mixed Use Zoning**
- **Allow More Housing Options**



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School Adequate Public Facilities - Permits to Sales



Countywide Residential Permits Compared to Existing Home Sales



School Adequate Public Facilities - Projections



<u>Year</u>	<u>Projected</u>	<u>Actual</u>	<u>Difference</u>	<u>Assessment</u>
2001	75,426	75,094	332	<i>fewer Actual</i>
2002	75,825	74,798	1,027	<i>fewer Actual</i>
2003	75,932	74,519	1,413	<i>fewer Actual</i>
2004	75,603	74,000	1,603	<i>fewer Actual</i>
2005	74,170	73,633	537	<i>fewer Actual</i>
2006	73,812	73,111	701	<i>fewer Actual</i>
2007	73,814	73,405	409	<i>fewer Actual</i>
2008	73,852	73,658	194	<i>fewer Actual</i>
2009	74,235	74,782	-547	
2010	75,528	75,481	47	<i>fewer Actual</i>
2011	76,606	76,303	303	<i>fewer Actual</i>

<u>Year</u>	<u>Projected</u>	<u>Actual</u>	<u>Difference</u>	<u>Assessment</u>
2012*	76,942	77,770	-828	
2013	79,403	78,500	903	<i>fewer Actual</i>
2014	79,237	79,518	-281	
2015	80,903	80,387	516	<i>fewer Actual</i>
2016	81,288	81,397	-109	
2017*	82,744	82,777	-33	
2018	84,547	83,249	1,298	<i>fewer Actual</i>
2019	84,497	84,984	-487	
2020	86,102	83,044	3,058	<i>fewer Actual</i>
2021	87,639	83,165	4,474	<i>fewer Actual</i>

* 2012 and 2017 reports unavailable; data for these years from preceding and following years' EFMPs.

School Adequate Public Facilities - Actual Enrollment



Timeframe: 2002 to 2021	
Changes in State-Rated Capacity	13,403
Student Enrollment	8,423
Average Student Enrollment	75,228
Average SRC	86,611
Average Available Seats	11,383
Timeframe: 2002 to 2010	
Average available seats	9,367
Timeframe: 2011 to 2020	
Average available seats	12,685

Note: Figures include enrollment from 2021, an outlier year with the greatest difference between actual enrollment and State-rated capacity (16,497) due to the pandemic. The next greatest differences occurred in 2016 and 2018, with enrollment-capacity differences of 14,397 and 13,698 respectively.



Group Discussion

How do the challenges, opportunities, and priorities the Department representatives discussed align with the group's



Recommendations Letter

Key Takeaways from Today's Discussion