







Baltimore County, Maryland 2018 Annual Report on Growth

As Adopted by the Baltimore County Planning Board on June 20, 2019

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Introduction

The Sections 1-207 and 1-208 of the Land Use Article in the *Annotated Code of Maryland* requires that charter counties prepare the *Annual Report on Growth*. The Report summarizes residential and non-residential development in Baltimore County in 2018 and analyzes whether the new development is consistent with the County's growth management policies, *Master Plan 2020* land use goals, and state smart growth principles. The Report is due to the Maryland Department of Planning by July 1, 2019. It is worthwhile noting that in Baltimore County, its Urban Rural Demarcation Line (URDL) corresponds to the state's Priority Funding Area (PFA).

Section A. Annual Report on Growth Related Changes

A-1. Changes to Development Patterns

A-1-1. New Subdivisions Created

Baltimore County continued to experience residential growth in 2018. In 2018, total 19 minor subdivisions, ten major subdivisions, one limited exemption, and three planned unit developments (PUDs) were approved for 1,667 residential housing units (Table 1). In addition, a limited exemption plan proposed 52 independent living units in two buildings in Broadmead, totaling 70 beds as additions to 79 beds in the existing buildings. The map of 2018 Residential Development Plans on page 3 shows the spatial distribution of the approved development.

Among those 1,667 units, 850 were multifamily units (MF), accounting for 50.99% of the total units (1,667). In addition, there were 817 single family units that include detached (SFD), semi-detached (SFSD), and attached (SFA). Among single family units, the number of single family attached units outnumbered single family detached units (631 units and 146 units respectively).

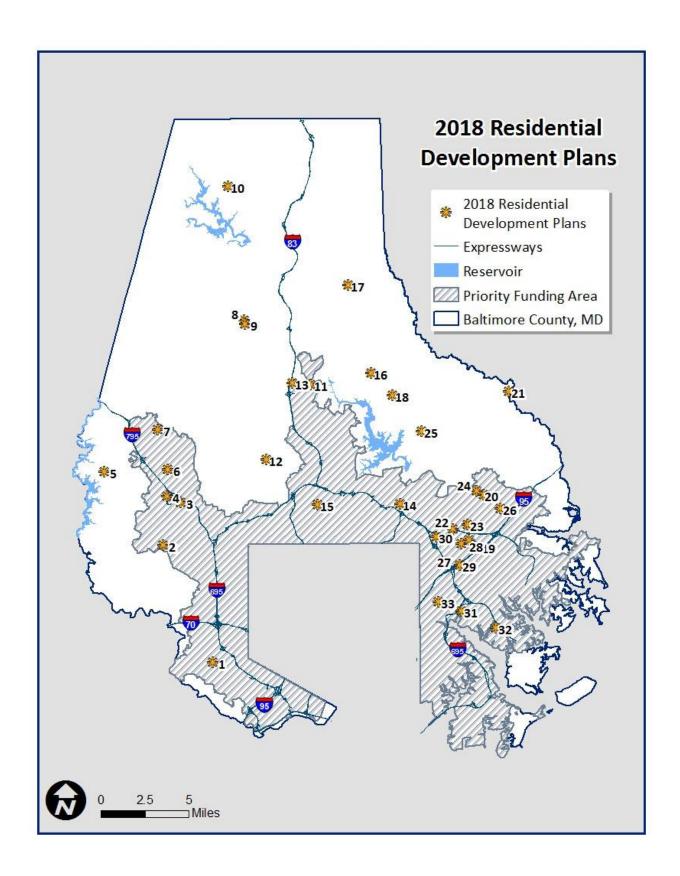
Table 1. New Residential Units in Approved Development Plans, 2018

| Project | Project | | Unit | Sum | Other | | |
|--------------------------|---------|-------|--------|--------|---------|-----|----|
| Track | Count | SFD | SFSD | SFA | MF | | |
| Major Subdivision | 10 | 77 | 14 | 418 | 438 | 947 | 0 |
| Minor Subdivision | 19 | 44 | 0 | 0 | 0 | 44 | 0 |
| Limited Exemption* | 1 | 0 | 0 | 0 | 0 | 0 | 52 |
| Planned Unit Development | 3 | 25 | 26 | 213 | 412 | 676 | 0 |
| Total Uni | 146 | 40 | 631 | 850 | 1,667 | 52 | |
| Percent | 8.76% | 2.40% | 37.85% | 50.99% | 100.00% | - | |

Source: Baltimore County Government.

Percent total units = total units by type / total units.

^{*: 52} independent units including 70 beds.



Key for Map of 2018 Residential Development Plans

| Key | Plan Name | SFD | SFSD | SFA | MF | Sum | Other |
|------|---|-----|------|-----|-----|-------|-------|
| 1 | Reichlin Property | 3 | 0 | 0 | 0 | 3 | 0 |
| 2 | Raven Ridge | 17 | 0 | 0 | 0 | 17 | 0 |
| 3 | Metro Center at Owings Mills (3rd Refinement) | 0 | 0 | 0 | 114 | 114 | 0 |
| 4 | Red Run Station PUD | 0 | 0 | 0 | 72 | 72 | 0 |
| 5 | Perlin Property | 2 | 0 | 0 | 0 | 2 | 0 |
| 6 | Wilder, Joseph Family PROPERTY | 0 | 14 | 43 | 0 | 57 | 0 |
| 7 | Victoria Crossing PUD | 1 | 26 | 0 | 0 | 27 | 0 |
| 8 | 1903 Stringtown Road | 2 | 0 | 0 | 0 | 2 | 0 |
| 9 | Schneider Property | 2 | 0 | 0 | 0 | 2 | 0 |
| 10 | 19725 Spooks Hill ROAD | 2 | 0 | 0 | 0 | 2 | 0 |
| 11 | Broadmead* | 0 | 0 | 0 | 0 | 0 | 52 |
| 12 | Castanea (Phases & 3) | 31 | 0 | 0 | 0 | 31 | 0 |
| 13 | Longview Ridge | 0 | 0 | 173 | 0 | 173 | 0 |
| 14 | Jacobs Property | 3 | 0 | 0 | 0 | 3 | 0 |
| 15 | Jindra Property | 2 | 0 | 0 | 0 | 2 | 0 |
| 16 | Maisonbrook | 3 | 0 | 0 | 0 | 3 | 0 |
| 17 | 16745 Wesley Chapel Road | 2 | 0 | 0 | 0 | 2 | 0 |
| 18 | 28 Glenbook Drive | 2 | 0 | 0 | 0 | 2 | 0 |
| 19 | Avenue Grand | 0 | 0 | 0 | 324 | 324 | 0 |
| 20 | Dietz Place Manor | 4 | 0 | 0 | 0 | 4 | 0 |
| 21 | 13807 Bottom Road | 2 | 0 | 0 | 0 | 2 | 0 |
| 22 | Perry Hall Ridge | 21 | 0 | 0 | 0 | 21 | 0 |
| 23 | Glaser Property | 3 | 0 | 0 | 0 | 3 | 0 |
| 24 | Althoff Property | 2 | 0 | 0 | 0 | 2 | 0 |
| 25 | 12421 Manor Rd | 2 | 0 | 0 | 0 | 2 | 0 |
| 26 | 9137 & 9145 Rexis Avenue | 3 | 0 | 0 | 0 | 3 | 0 |
| 27 | Eckenrode Property | 2 | 0 | 0 | 0 | 2 | 0 |
| 28 | The Village of White Marsh PUD | 24 | 0 | 213 | 340 | 577 | 0 |
| 29 | Martin Farms | 0 | 0 | 77 | 0 | 77 | 0 |
| 30 | Perzinski Property | 3 | 0 | 0 | 0 | 3 | 0 |
| 31 | Morningstar Properties | 2 | 0 | 0 | 0 | 2 | 0 |
| 32 | Hyde Park Overlook | 4 | 0 | 125 | 0 | 129 | 0 |
| 33 | Riba Land Property | 2 | 0 | 0 | 0 | 2 | 0 |
| Gran | d Total | 146 | 40 | 631 | 850 | 1,667 | 52 |

Source: Baltimore County Government.

In 2018, 31 non-residential development plans were approved (Table 2, page 5) for retail, industrial, institutional, or mixed use. The map of 2018 Non-Residential Development Plans on page 6 shows the spatial distribution of the approved development.

The limited exemption amounted to the largest square footage among all three tracks of non-residential development, in which mixed use was the lead. In terms of types of non-residential development, retail development was prevailing, representing 50.71% of the total square footage among all types combined. The PUD development was for the second refinement to Towson Row that increased the number of hotel rooms from 220 to 230.

^{*: 70} beds in 52 independent living units.

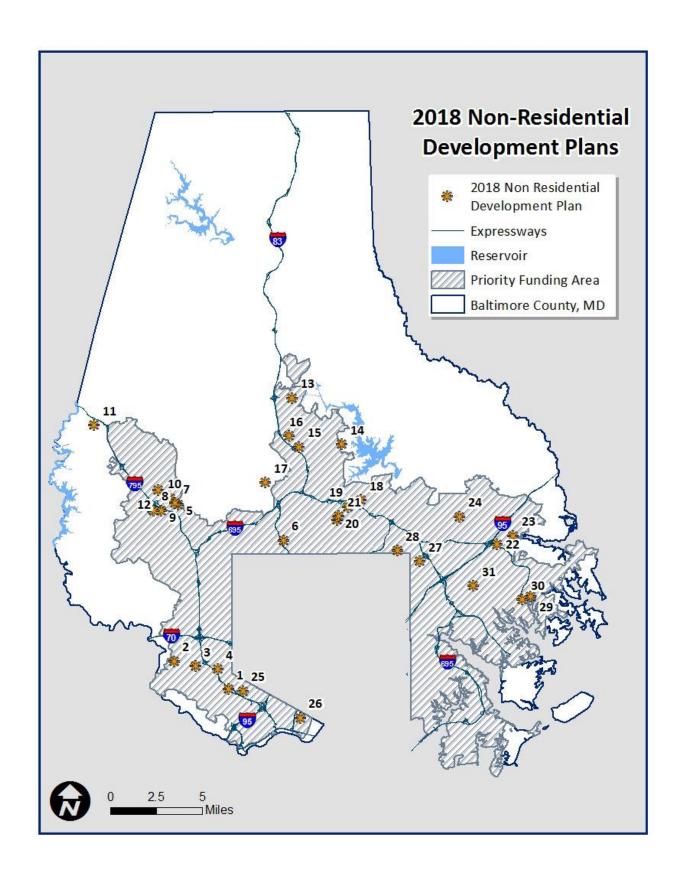
Table 2. Square Footage of Non-Residential Uses in Approved Development Plans, 2018

| Project | Project | Square Feet by Use Type | | | | | | |
|-------------------------------|---------|-------------------------|--------|---------|---------|---------|-----------|--|
| Track | Count | Retail | Office | Total | | | | |
| Limited Exemption | 24 | 275,085 | 73,064 | 94,716 | 526,252 | 0 | 969,117 | |
| Major | 6 | 686,371 | 0 | 54,028 | 127,603 | 0 | 868,002 | |
| Planned Unit Development | 1 | 0 | 0 | 0 | 58,900 | 0 | 58,900 | |
| Total square feet by use type | | 961,456 | 73,064 | 148,744 | 712,755 | 0 | 1,896,019 | |
| Percent total | 50.71% | 3.85% | 7.85% | 37.59% | - | 100.00% | | |

Percent total square feet = total square feet by use type / total square feet (1,896,019).



Ballard Green is a planned unit development in Owings Mills. It features midsize homes and all the benefits of a planned community. Ballard Green is largely an attached home community with construction beginning in 2015 and continuing today. Amenities include athletic fields, recreational areas, a clubhouse with fitness facilities, in-ground pool, and the new Lyons Mill Elementary School (Sources: neighborhoods.com and Ryan Homes).



Key for Map of 2018 Non-Residential Development Plans

| Key | Plan Name | Туре | Square Feet | Plan Area |
|------|---|-------------|--------------------|-----------|
| 1 | Corporate-Anchored Mixed Use Project (2nd Refinement) | MIXED | 223,600.00 | 20.17 |
| 2 | Koons Mercedes-Benz of Catonsville | COMMERCIAL | 8,019.00 | 6.92 |
| 3 | National Pike Center | COMMERCIAL | 5,500.00 | 0.69 |
| 4 | Royal Farms Store #302 | COMMERCIAL | 4,649.00 | 1.51 |
| 5 | Garrison Forest School (4th Refinement) | INSTITUTION | 21,416.00 | 100.64 |
| 6 | Simply Beautiful Properties (1st Refinement) | COMMERCIAL | 10,892.00 | 2.07 |
| 7 | Garrison Properties | MIXED | 44,952.00 | 7.22 |
| 8 | Owings Mills Town Center (9th Amendment) | COMMERCIAL | 544,146.00 | 122.56 |
| 9 | Metro Center at Owings Mills (3rd Refinement) | MIXED | 112,049.00 | 47.57 |
| 10 | Painters Mill Place (1st Refinement) | COMMERCIAL | 4,336.00 | 9.30 |
| 11 | 619 Westminster Pike (1st Refinement) | MIXED | 16,647.00 | 20.88 |
| 12 | 10620 Reisterstown Road Car Wash | COMMERCIAL | 4,920.00 | 2.70 |
| 13 | Hunt Valley Trade Center Rd (3rd Refinement) | MIXED | 15,554.00 | 11.49 |
| 14 | Mercy Ridge (4th Refinement) | INSTITUTION | 52,596.00 | 158.40 |
| 15 | Extra Space Storage | COMMERCIAL | 142,225.00 | 2.44 |
| 16 | Townplace Suites Marriott At Texas Station | COMMERCIAL | 59,429.00 | 1.88 |
| 17 | Saint Paul's School | INSTITUTION | 64,000.00 | 34.00 |
| 18 | Notre Dame Preparatory School (1st Refinement) | INSTITUTION | 9,300.00 | 57.77 |
| 19 | Goucher College (10th Refinement) | INSTITUTION | 1,432.00 | 297.51 |
| 20 | Towson Row PUD (2nd Refinement) | MIXED | 58,900.00 | 6.81 |
| 21 | Circle East | MIXED | 241,053.00 | 1.33 |
| 22 | KDP Properties | COMMERCIAL | 28,391.00 | 7.07 |
| 23 | Sumatech Park | INDUSTRIAL | 69,224.00 | 3.43 |
| 24 | McDonald's Restaurant at Perry Hall | COMMERCIAL | 4,699.00 | 2.86 |
| 25 | CVS At Catonsville | COMMERCIAL | 9,656.00 | 2.03 |
| 26 | Mrs. Rodgers Daycare | COMMERCIAL | 3,533.00 | 0.71 |
| 27 | Royal Farms Store #257 | COMMERCIAL | 5,166.00 | 2.04 |
| 28 | DMC Parkville LLC Property | COMMERCIAL | 3,630.00 | 0.62 |
| 29 | Peppermint Woods Commercial (3rd Refinement) | COMMERCIAL | 112,145.00 | 5.45 |
| 30 | CPC Properties Inc. | INDUSTRIAL | 3,840.00 | 0.32 |
| 31 | Airgas, Baltimore | COMMERCIAL | 10,120.00 | 5.22 |
| Gran | nd Total | | 1,896,019 | 943.60 |

A-1-2. Occupancy and Razing Permits

Occupancy permits. Table 3 shows that in 2018, the number of units constructed for occupancy was 1,817, which was higher than in 2017 (1,326). Moreover, 89.65% (1,629) of new units were single family structure types combined (SFD, SFA, or SFSD). SFA is the predominant type of new housing with 1,096 units in occupancy permits. The map of 2018 Residential Occupancy Permits on page 9 displays the spatial distribution of residential occupancy permits issued throughout in the County last year.

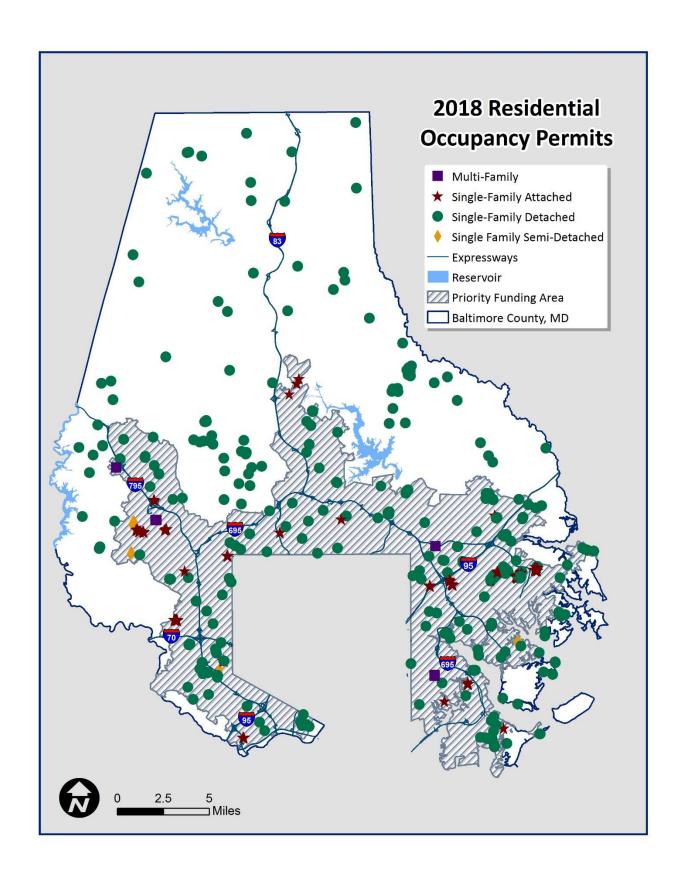
Table 3. New Residential Units in Occupancy Permits, 2018

| Housing Unit Type | Units by Type | Percent Total Units |
|------------------------------------|---------------|---------------------|
| Multi-Family (MF) | 188 | 10.35% |
| Single Family Attached (SFA) | 1,096 | 60.32% |
| Single Family Detached (SFD) | 471 | 25.92% |
| Single Family Semi-Detached (SFSD) | 62 | 3.41% |
| All single family units | 1,629 | 89.65% |
| Total Residential Units | 1,817 | 100.00% |

Percent total units = units by type / total residential units (1,817).



In the Hunt Valley Towne Centre developed by Greenberg Gibbons Commercial Corporation, Avalon Hunt Valley is a \$70 million apartment complex built on a 6.5-acre parcel. It includes 332 units of the Class-A apartments and offers a variety of amenities, featuring the outdoor lifestyle center (Bisnow National, May 27, 2016). The complex was finished in 2018.



Occupancy permits for non-residential construction indicate that industrial development represented the largest use type among all new buildings in 2018 (Table 4). This is mainly due to the redevelopment of Tradepoint Atlantic, one of the most important signature projects in the County. The map of 2018 Non-Residential Occupancy Permits depicts the spatial distribution of occupancy permits for non-residential constructions.

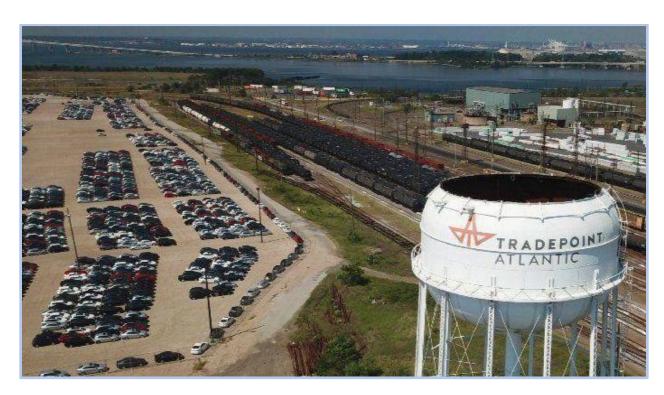
Table 4. Square Footage of Non-Residential Uses in Occupancy Permits, 2018

| Data Type | Use Type | | | | | | Total Square |
|---------------------------|----------|------------|-----------|---------|---------------|-------|--------------|
| рата туре | Retail | Industrial | Mixed Use | Office | Institutional | Other | Feet |
| Square Feet by Use Type | 923,882 | 2,192,726 | 129,312 | 258,564 | 288,760 | 0 | 3,793,244 |
| Percent total square feet | 24.36% | 57.81% | 3.41% | 6.82% | 7.61% | 0.00% | 100.00% |

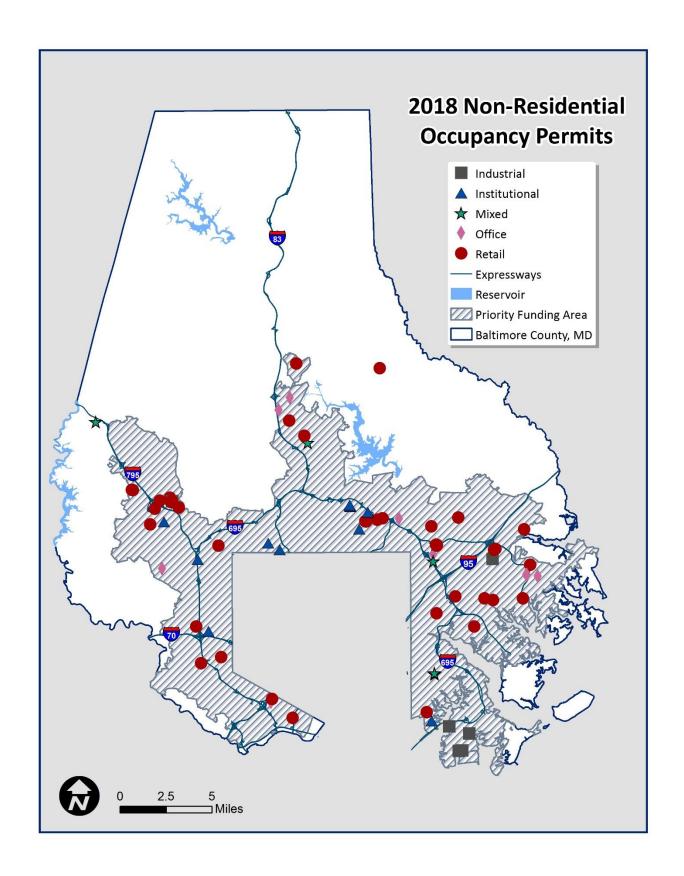
Source: Baltimore County Government.

Percent Total Square Feet = square feet by use type / total square feet (3,793,244).

The square footage or percent share of retail uses ranked second but was much lower than the industrial uses. The square footage and proportion of institutional uses were the third followed by office and mixed uses respectively. The map of 2018 Non-Residential Occupancy Permits on page 11 show the spatial distribution of non-residential occupancy permits.



FedEx, Amazon, Under Armour, Pasha Automotive, Gotham Greens, Home Depot, and Perdue are among the companies that already have opened or signed leases for new facilities at Tradepoint Atlantic in Sparrows Point (Baltimore County News).



Razing permits. There were 133 units in residential razing permits issued in 2018 (Table 5). In comparison, 150 units were issued with razing permits in 2017. The majority of residential units issued with razing permits in 2018 were single family detached structures. The map of 2018 Residential Razing Permits (page 13) portrays the spatial distribution of razing permits throughout the County.

Table 5. Residential Units in Razing Permits, 2018

| Housing Unit Type | Units by Type | Percent Total Units |
|------------------------------------|---------------|---------------------|
| Multi-Family (MF) | -12 | 9.02% |
| Single Family Attached (SFA) | -2 | 1.50% |
| Single Family Detached (SFD) | -119 | 89.47% |
| Single Family Semi-Detached (SFSD) | 0 | 0.00% |
| Total Residential Units | -133 | 100.00% |

Source: Baltimore County Government.

Percent total units = units by type / total residential units (-133).

Table 6 displays that the largest square feet of non-residential uses in razing permits was industrial, accounting for 48.31% of the total. Razing permits for buildings at the former Bethlehem Steel amounted to 95,600 square feet, paving the way for Tradepoint Atlantic that will enhance benefits of the community by redevelopment of Sparrows Point into a global logistics hub (Baltimore County News, December 17, 2018).

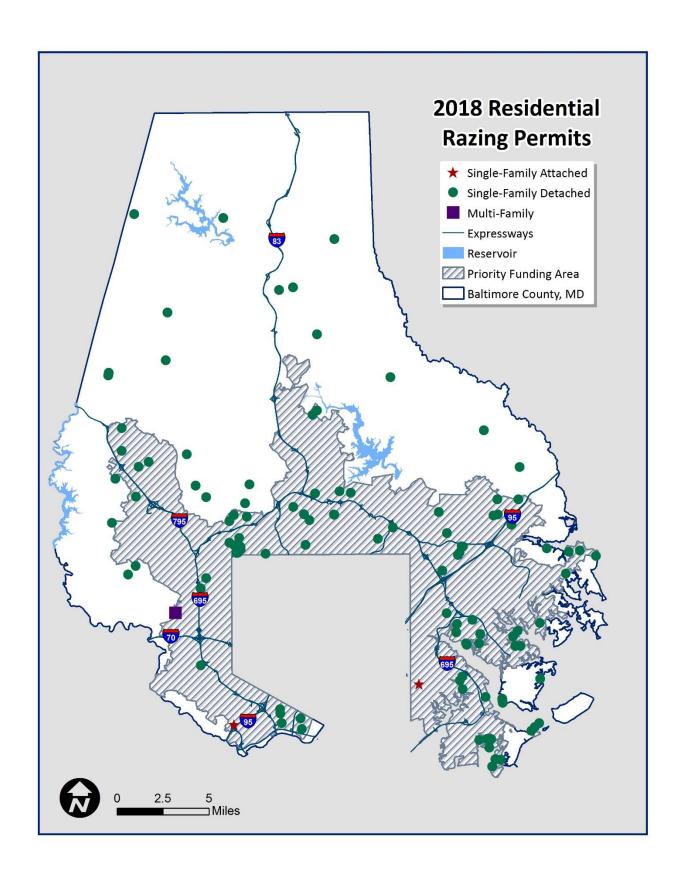
Table 6. Square Footage of Non-Residential Uses in Razing Permits, 2018

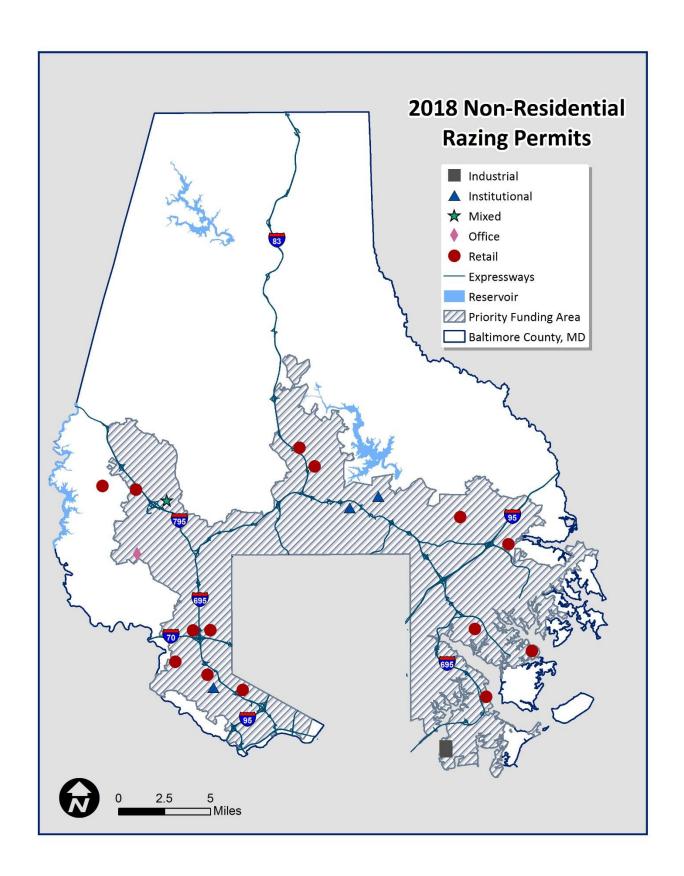
| Data Type | | Total | | | | | |
|---------------------------|--------|------------|-----------|--------|---------------|-------|---------|
| | Retail | Industrial | Mixed Use | Office | Institutional | Other | |
| Square Feet by Use Type | 50,766 | 95,600 | 40,000 | 988 | 10,520 | 0 | 197,874 |
| Percent total square feet | 25.66% | 48.31% | 20.21% | 0.50% | 5.32% | 0.00% | 100.00% |

Source: Baltimore County Government.

Percent total square feet = square feet by use type / total square feet (197,874).

The razing permits for retail uses ranked second, accounting for 25.66%. Razing permits for institutional uses include 1,300 square feet for demolishing a temple in the International Society for Krishna Consciousness, 1,720 square feet in Christ The King Church, and 7,500 square feet for a dormitory on the Goucher College campus. Demolition and rebuilding of eight dormitories have been in the works for Goucher College, according to the County's development plans. The map of 2018 Non-Residential Razing Permits on page 14 depicts the spatial distribution of razing permits by type of non-residential uses throughout the County.





A-1-3. Zoning Map Changes

Map Correction. On July 25, 2018, the Baltimore County Board of Appeals approved a zoning map correction, case M.C. 18-02, to correct a technical error in zoning for the property located at 9 and 15 Aigburth Road in Towson, 21286. Pursuant to Section 32-3-233 of the *Baltimore County Code*, this zoning map correction approval reclassified the subject property from DR 1 (Density Residential, 1 unit per acre)-NC (Neighborhood Commons) to DR 5.5 (Density Residential, 5.5 units per acre) in order to reflect the legislative intent of the County Council for zoning classifications in the 2012 Comprehensive Zoning Map Process (CZMP).



A-1-4. Legislative Text Amendments

In 2018, the Baltimore County Council adopted legislative bills and resolutions with regard to the County's development, which were consistent with the County's *Master Plan 2020*. Those adopted legislative bills and resolutions are summarized as follows:

Adopted Legislative Bills, 2018

| Bill No. | Bill Summary |
|---------------------------------------|--|
| No. 21-18 | For the purpose of permitting a cold rolling mill in the M.L. Zone, if it is located in an I.M. |
| | District; defining certain terms; providing certain restrictions and requirements; and generally |
| | relating to cold rolling mills in M.L. zones. |
| No. 25-18 | For the purpose of adopting a new Basic service water supply map, new sewerage map, and |
| | transportation map. |
| No. 29-18 | For the purpose of amending the definition of "Commercial Recreational Facilities" in the |
| | Baltimore County Zoning Regulations to include additional uses; permitting Commercial |
| | Recreational Facilities by right in certain business and manufacturing zones; etc. |
| No. 30-18 | For the purpose of permitting certain M.L. Zone uses in the B.L. Zone in certain circumstances; |
| | and generally related to uses in the B.L. Zone. |
| No. 38-18 | For the purpose of authorizing and empowering Baltimore County, Maryland to borrow money |
| | in a principal amount not exceeding \$2,000,000 for land preservation. A referendum of |
| | registered voters of Baltimore County is required for approval or rejection for the full amount |
| | of borrowing. |
| No. 40-18 | For the purpose of authorizing and empowering Baltimore County, Maryland to borrow money |
| | in a principal amount not exceeding \$4,000,000 for the purpose of parks, preservation and |
| | greenways projects. A referendum of registered voters of Baltimore County is required for |
| | approval or rejection for the full amount of borrowing. |
| No. 45-18 | For the purpose of amending the uses permitted by special exception in the Neighborhood |
| | Commons Overlay District; and generally relating to the Neighborhood Commons Overlay |
| | District. |
| No. 47-18 | For the purpose of permitting businesses devoted to concerts in the M.L. Zone under certain |
| | circumstances; and generally relating to the uses permitted in the M.L. Zone. |
| No. 51-18 | For the purpose of providing limits on the vesting of certain residential development plans |
| | which received growth allocation. |
| No. 53-18 | For the purpose of redefining and providing certain uses that are permitted within Planned |
| | Drive-In Clusters; and generally relating to Planned Drive-In Clusters. |
| No. 62-18 | For the purpose of modifying the off-street parking requirements for residential uses located in |
| | certain areas within the boundaries of the Towson Community Plan; and generally relating to |
| | parking requirements. |
| No. 64-18 | For the purpose of amending the conditions under which new authorizations are issued in the |
| | Eastern Subarea of the Honeygo Area. |
| No. 66-18 | For the purpose of exempting a certain portion of the Honeygo District from the prohibition on |
| | panhandle lots in the Honeygo Area. |
| No. 67-18 | For the purpose of requiring the Director of Recreation and Parks to consult with the Director |
| | of Environmental Protection and Sustainability with respect to the regulation of certain |
| | activities and the protection of certain resources in or on County park property; and generally |
| | relating to the regulation of activities in County parks. |
| No. 74-18 | For the purpose of amending the 2018-2019 Current Expense Budget, by appropriating to the |
| | Gifts and Grants Special Revenue Fund monies derived from federal funds and made available |
| | to the County through the U.S. Department of Housing and Urban Development. |
| No. 82-18 | For the purpose of increasing the penalty for the unlawful parking of certain commercial |
| | vehicles on a shopping center lot at certain times; and generally relating to the parking of |
| | commercial vehicles. |
| No. 88-18 | For the purpose of amending the 2018-2019 Current Expense Budget, by appropriating to the |
| | Gifts and Grants Special Revenue Fund monies derived from federal funds and made available |
| | to the County through the U.S. Department of Housing and Urban Development (HUD). |
| No. 90-18 | For the purpose of permitting private college uses in the D.R. Zone in certain circumstances. |
| No. 92-18 | For the purpose of repealing the limitation on the percentage of the open space fees allocated |
| | to Neighborspace of Baltimore County, Inc. that may be spent on its operating costs; and |
| | generally relating to the use of open space fees allocated to Neighborspace. |
| No. 104-18 | For the purpose of amending locations where fuel service stations are permitted by special |
| | exception and generally relating to fuel service stations allowed by special exception. |
| No. 100-18 | For the purpose of repealing certain provisions relating to the process for the approval of a |
| ===================================== | bed-and-breakfast inn; adopting a new process for the approval of a bed-and-breakfast inn in |
| | certain zones of the County. |
| L | imore County Council |

Source: Baltimore County Council.

Adopted Resolutions, 2018

| Res. No | Bill Summary |
|-------------|--|
| No. 5-18 | To adopt the report of the 2017 Triennial Review of the Baltimore County Water Supply and Sewerage Plan |
| INO. 5-18 | pursuant to Title 9, Subtitle 5 of the Environment Article of the Annotated Code of Maryland. |
| No. 7-18 | To approve the extension of the sanitary sewer system of Baltimore County in the Turkey Point Area in the 7th |
| NO. 7-18 | Council District of Baltimore County. |
| | To approve the County's contribution toward the purchase of certain development rights easements on |
| No. 13-18 | property in accordance with Title 2, Subtitle 5, Agriculture Article, Annotated Code of Maryland, and Article 24 |
| | Land Preservation, Baltimore County Code. |
| No. 14-18 | To approve the review of a proposed Planned Unit Development sited at 400 Georgia Court applied by Bosley |
| NO. 14-16 | Estates, LLC in accordance with County law. |
| No. 23-18 | To approve the review of a proposed Planned Unit Development on the south side of Wise Avenue, west of |
| NO. 25-16 | Grays Road applied by CRD Golf, LLC in the 7th Councilmanic District in accordance with County Law. |
| No. 24-18 | To request the United States Board on Geographic Names to approve the naming of a presently unnamed cove |
| NO. 24-16 | on Seneca Creek in the Bowleys Quarters area as "Baynes Cove." |
| No. 28-18 | To support designation by the Maryland State Arts Council of an Arts and Entertainment District in the Arbutus- |
| NO. 28-18 | Catonsville area. |
| No. 29-18 | To approve the review of a proposed planned unit development located at 6811 Campfield Road applied by |
| NO. 29-18 | Augsburg Lutheran Home of Maryland, Inc. in accordance with County law. |
| | To designate the Essex area as a Sustainable Community for approval either directly by the Department of |
| No. 33-18 | Housing and Community Development (the "Department") of the State of Maryland or through the Smart Growth |
| | Subcabinet of the State of Maryland. |
| | To rank five Rural Legacy Area Plan applications submitted to the Maryland Department of Natural Resources |
| No. 41-18 | for consideration and approval by the Maryland Rural Legacy Board for funding in fiscal year 2019. These |
| NO. 41-18 | plans include the Baltimore County Coastal, Gunpowder Valley, Long Green Land Trust, Manor, and Piney Run |
| | Watershed. |
| No. 46-18 | To amend the Baltimore National Pike Commercial Revitalization District. |
| No. 74-18 | To approve the review of a proposed planned unit development located on the south side of Old Eastern |
| NO. 74-18 | Avenue, west of Back River Neck Road in the 7th Councilmanic District in accordance with County law. |
| | To approve certain applications for the sale of development rights easements on property located on farms |
| No. 92-18 | that meet the State criteria in accordance with Agriculture Article, Section 2-509 of the Annotated Code of |
| | Maryland. |
| No. 113-18 | To adopt the Baltimore County 2019-2028 Solid Waste Management Plan. |
| No. 121-18 | To approve the County's Financial Assurance Plan under the Watershed Protection and Restoration Program |
| INU. 121-18 | per the of the Environment Article of the Annotated Code of Maryland. |

Source: Baltimore County Council.

A-1-5. Comprehensive Plan or Plan Elements

Water and Sewerage Master Plan Update. Baltimore County's URDL has been an effective growth management tool since 1967. The URDL, Metropolitan District Line, and zoning classifications or districts are the primary mechanisms for evaluating water and sewer designation changes in Baltimore County.

In April 2018, the Maryland Department of the Environment (MDE) completed a review of the Cycle 35 (year 2017) Amendments to the 2014 Baltimore County Water Supply and Sewerage Plan. MDE, with the Maryland Department of Planning (MDP)'s advice, approved the County's Cycle 35 Adopted Amendments. The amendments to water and sewer designations adopted by the County Council are consistent with the amended Plan and have been approved by MDE.

In July 2018, MDE completed its review of the 2017 Triennial Review of the Baltimore County Water and Sewerage Master Plan, as required by Section 9-507 of the Environmental Article in the Annotated Code of Maryland.

Sustainable Communities. In 2018, the Maryland Department of Housing and Community Development approved three applications from Baltimore County, designating them as the official state sustainable communities. They are Greater Dundalk-Sparrows Point (a renewal from 2012), Pulaski Highway Redevelopment Area (a renewal from 2012), and Essex (new). Those three sustainable communities are located in eastern Baltimore County with excellent opportunities for enhancing community vibrancy and economic growth.

A-1-6. School Facilities

With the Schools for Our Future program, Baltimore County will have invested \$1.3 billion on school construction or renovation. It is the most ambitious school improvement initiative in Baltimore County history. The County is building 16 schools (new constructions or replacements) and 12 additions to eliminate current elementary school overcrowding conditions while modernizing schools. The funds for this reporting period are exhibited on page 19.



Baltimore County Public Schools in September 2018 opened the new, \$49 million Honeygo Elementary School with 725 seats in the Perry Hall area.

Schools for Our Future Program, FY2018

| New Schools: | | | | | |
|--------------|-----------------------------|-----------|---------|-----------|------------|
| Area | School | Seats | Net New | County FY | Estimated |
| Alea | 301001 | Construct | Seats | Funding | Completion |
| SW | Catonsville ES (Bloomsbury) | 705 | 300 | FY15/16 | AUG 2016 |
| SW | *Relay ES | 715 | 285 | FY15/16 | AUG 2017 |
| SW | *Westowne ES | 650 | 170 | FY15/16 | AUG 2016 |
| SW | *Lansdowne ES | 735 | 422 | FY16/17 | AUG 2018 |
| SW | *Chadwick ES | 700 | 292 | FY18 | AUG 2020 |
| NW | Lyons Mill ES | 681 | 681 | FY13/14 | AUG 2015 |
| NW | *Summit Park ES | 700 | 364 | FY18/20 | AUG 2021 |
| NW | *Bedford ES | 700 | 391 | FY18/20 | AUG 2021 |
| С | Mays Chapel ES | 702 | 702 | FY12 | AUG 2014 |
| NE | *Victory Villa ES | 735 | 409 | FY16/17 | AUG 2018 |
| NE | Joppa Road Site | 735 | 735 | FY16/17 | AUG 2018 |
| NE | Ridge Road Site | 700 | 700 | FY18/20 | AUG 2020 |
| NE | Nottingham Site | 1,500 | 1,500 | FY18/20 | AUG 2021 |
| SE | *Berkshire ES | 600 | 172 | FY18/20 | AUG 2020 |
| SE | *Colgate ES | 500 | 181 | FY18/20 | AUG 2020 |
| SE | *Dundalk ES | 735 | 145 | FY18 | AUG 2019 |
| | Subtotal | 11,793 | 7,449 | | |

^{*} Schools to be demolished upon replacement for improved operating efficiency and energy savings.

| Additions: | | | | | |
|------------|--------------------------|-----------|---------|------------|------------|
| Area | School | Seats | Net New | County FY | Estimated |
| Area | 301001 | Construct | Seats | Funding | Completion |
| SW | Westchester ES | 193 | 193 | FY15/16 | AUG 2016 |
| NW | Scotts Branch ES | 189 | 189 | FY20 | AUG 2021 |
| NW | Fort Garrison ES | 269 | 269 | FY20 | AUG 2021 |
| NW | Deer Park ES | 249 | 249 | FY20 | AUG 2021 |
| NW | Pikesville HS | 13 | 13 | FY14/15/16 | AUG 2016 |
| С | Sparks ES | 194 | 194 | FY14 | AUG 2015 |
| С | Stoneleigh ES | 200 | 200 | FY12/13 | AUG 2013 |
| С | Hampton ES | 200 | 200 | FY12 | AUG 2013 |
| С | Hereford HS | 318 | 318 | FY12/13 | AUG 2015 |
| С | Padonia International ES | 264 | 264 | FY15 | AUG 2018 |
| NE | Red House Run ES | 214 | 214 | FY20 | AUG 2021 |
| NE | Pine Grove ES | 300 | 300 | FY18/20 | AUG 2021 |
| | Subtotal | 2,603 | 2,603 | | |

Source: Fiscal Year 2019 Budget Message, Baltimore County Executive Don Mohler, May 24, 2018.

A-1-7. Transportation Facilities

In 2018, 26 road projects were constructed or extended, totaling 4.65 miles in length. All of those projects were constructed within the PFA. Furthermore, 41.51% of those projects are located in the Owings Mills Growth Area, 28.82% in the Perry Hall-White Marsh area, 10.75% in the Middle River Redevelopment Area, 14.84% in the Dundalk-Essex area combined, and the rest in Hunt Valley-Timonium and Catonsville locales.

| Index | Туре | Road Name | From | То | | Mile | |
|--------|--------------|-------------------|---------------------|--------------------|-------|--------|---------|
| Number | | | | | Total | In PFA | Out PFA |
| 1 | NEW | LANDINGTON AV | PRINCE GEORGE ST | PRINCE GEORGE ST | 0.04 | 0.04 | 0 |
| 2 | NEW | FORGE VALLEY CT | FORGE RD | FORGE RD | 0.26 | 0.26 | 0 |
| 3 | RD EXTENSION | CROSSROADS CR | WHITE MARSH BLVD | BENGIES RD | 0.39 | 0.39 | 0 |
| 4 | NEW | MERRIE LN | RENAISSANCE DR | EVERGREEN WA | 0.05 | 0.05 | 0 |
| 5 | RD EXTENSION | RENAISSANCE DR | ARBOR DR | BACK RIVER NECK RD | 0.28 | 0.28 | 0 |
| 6 | NEW | TOWN VIEW DR #1 | OLD BATTLE GROVE RD | TOWN VIEW DR #2 | 0.14 | 0.14 | 0 |
| 7 | NEW | TOWN VIEW DR #2 | TOWN VIEW DR #1 | WINSTON DR | 0.15 | 0.15 | 0 |
| 8 | NEW | WINSTON DR | VILLAGE PARK DR | TOWN VIEW DR #2 | 0.03 | 0.03 | 0 |
| 9 | NEW | VILLAGE PARK DR | TOWN VIEW DR #2 | TOWN VIEW DR #2 | 0.04 | 0.04 | 0 |
| 10 | NEW | AMELIA WAY | DOLFIELD RD | DOLFIELD RD | 0.14 | 0.14 | 0 |
| 11 | NEW | DULANEY VIEW CT | POT SPRING RD | POT SPRING RD | 0.15 | 0.15 | 0 |
| 12 | NEW | LONG MANOR DR | BIRD RIVER RD | WHITE PINE LN | 0.22 | 0.22 | 0 |
| 13 | NEW | WHITE PINE LN | LONG MANOR DR | LONG MANOR DR | 0.19 | 0.19 | 0 |
| 14 | NEW | MARSH GATE LN | LONG MANOR DR | WHITE PINE LN | 0.09 | 0.09 | 0 |
| 15 | NEW | BALLARD GREEN DR | LYONS MILL RD | OWINGS MILLS BL | 0.51 | 0.51 | 0 |
| 16 | NEW | ADKISSON LN | PLINLIMMON DR | BALLARD GREEN DR | 0.08 | 0.08 | 0 |
| 17 | NEW | PLINLIMMON DR | LYONS MILL RD | ADELAIDE LN | 0.26 | 0.26 | 0 |
| 18 | NEW | VIRGINIA JANE WAY | BALLARD GREEN DR | PLINLIMMON DR | 0.15 | 0.15 | 0 |
| 19 | NEW | ADELAIDE LN | BALLARD GREEN DR | ADELAIDE LN | 0.24 | 0.24 | 0 |
| 20 | NEW | WILSON SHANNON DR | LYONS MILL RD | BALLARD GREEN DR | 0.15 | 0.15 | 0 |
| 21 | NEW | JOHN LOCKE WAY | BALLARD GREEN DR | WILSON SHANNON DR | 0.14 | 0.14 | 0 |
| 22 | NEW | ELIZABETH HOWE LN | BALLARD GREEN DR | JOHN LOCKE WAY | 0.17 | 0.17 | 0 |
| 23 | NEW | MARY GENEVA LN | BALLARD GREEN DR | WILSON SHANNON DR | 0.09 | 0.09 | 0 |
| 24 | RD EXTENSION | PERRY HALL RD | BELAIR RD | POWDER HALL RD | 0.34 | 0.34 | 0 |
| 25 | NEW | PERRY RIVER RD | PERRY HALL RD | PERRY HALL RD | 0.11 | 0.11 | 0 |
| 26 | NEW | POWDER HALL RD | PERRY HALL RD | PERRY HALL RD | 0.24 | 0.24 | 0 |
| | | | | Sum | 4.65 | 4.65 | 0 |

Source: Baltimore County Department of Public Works, March 2019.

A-2. Consistency with Adopted Plans

The *Annual Report on Growth* is required to discuss whether or not the development in 2018 is consistent with:

- Each other regarding development patterns
- The recommendations of the last annual report
- The adopted plans of the local jurisdiction
- The adopted plans of all adjoining local jurisdictions

% in PFA: 100.00%

• The adopted plans of state and local jurisdictions that have responsibility for financing or constructing public improvements necessary to implement the local jurisdiction's plan

Development patterns, public facilities improvement, and legislative amendments in Baltimore County in 2018 continued to prove the County's commitment and success in the direction and processes regarding planning and growth management.

As indicated previously, the new residential and non-residential development, public facilities improvement, and new legislation and resolutions all compellingly prove that Baltimore County has been vigorous in maintaining its growth management policies to ensure quality and sensible development within the PFA and preserve resources outside the PFA.

Baltimore County is steadfast, on the foundation of success in previous decades, to continuing its effective collaboration with the state agencies, Baltimore Metropolitan Council, neighboring jurisdictions, and all other stakeholders for a sustainable future.

A-3. Process Improvements

Baltimore County continues to implement the policies and actions of *Master Plan 2020* that will improve the development process and planning activities. The water and sewerage master plan revisions, zoning map change, investment in public school facilities, and road improvements within the PFA, have all demonstrated the County's devotion to enhance the planning and development process for the betterment of its citizens and residents.

A-4. Ordinances or Regulations

In 2018, the adoption of legislative bills and resolutions relevant to land development was consistent to the planning visions of the state Land Use Article. Baltimore County will continue to ensure that future amendments to the legislation or regulations act as an effective mechanism for the master plan implementation and shall be in concert with the state's planning goals and objectives. In 2018, the legislative changes indicated in Section A-1-3 and A-1-4 fundamentally demonstrated that zoning designations and regulations were coherent with *Master Plan 2020*.

Section B. Adequate Public Facilities

B-1. Adequate Public Facilities Ordinance for Schools

Per requirements of the Sections 1-207 and 1-208 of the Land Use Article in the *Annotated Code of Maryland*, in an even year, local jurisdictions shall include the *Adequate Public Facilities Ordinance (APFO) for Schools Report* in the *Annual Report on Growth*.

Section 32-6-103(f) of the Baltimore County Code requires that the Department of Planning furnish the School Adequate Public Facilities Ordinance Report and Maps using September 30, 2018 school enrollment data, indicating overcrowded school districts in accordance with parameters in the referenced County Code. The 2018-2019 APFO report is the most recent.

The full time equivalent (FTE) enrollments of September 30, 2018 and the same school year's state rated capacity (SRC) are presented for all the elementary, middle, and high schools in the first section of this report. The second section reviews schools that are at or over 115% of the state rated capacity.

In the 2018-2019 school year, the FTEs of 23 elementary schools and one high school are at or over 115% of their SRCs. A school impact analysis will be performed for each proposed development project to determine whether a school district is overcrowded under Section 32-6-103(f) of the Baltimore County Code.

The 2018-2019 School Adequate Public Facilities Ordinance Report and Maps are exhibited on the Baltimore County Department of Planning's website at: https://www.baltimorecountymd.gov/Agencies/planning/devrevandlanduse/adequatepublicschool-facilities.html

B-2. Water, Sewerage, and Transportation Capacity

In accordance with Subsection 4A02.1.E of the Baltimore County Zoning Regulations, annual updates to maps of areas within Baltimore County that were deficient with respect to Public Water Service, Public Sewer Service, and Transportation are required. Building permits may be withheld or deferred in areas designated as deficient on these maps.

On April 2, 2018, Bill 25-18 was signed and enacted by the Baltimore County Council, adopting the revised maps that are displayed on pages 24, 25, and 26:

- 2018 Basic Services Water Supply Map;
- 2018 Basic Services Sewerage Map; and
- 2018 Basic Services Transportation Map.

B-2-1. Water and Sewerage

Water Services. The Department of Public Works indicated that there were no deficiencies in public water status known to exist in 2018.

Sewerage Services. The Department of Public Works has monitored and closed Sanitary Sewer Overflow (SSO) #130 (Bagley Avenue). All of the remaining sewer relief point locations are being metered. The Department of Public Works has completed several rehabilitation projects and has been performing post-monitoring to determine the projects' effectiveness.

Public Works has had projects in design that would eventually eliminate the areas of concern. The removal of areas of special concern does not mean that an area has unlimited development potential. All developments are evaluated hydraulically on a case by case basis, and determinations are made to see if a development will need downstream supplementation.

B-2-2. Transportation

The Department of Public Works recommends the following changes to the Transportation Map for 2018, based on the studies of all signalized intersections (LOS: Level of Service):

- Goucher Boulevard and Putty Hill Avenue: LOS E to D
- Baltimore National Pike (U.S. 40) & N. Rolling Road: LOS D to F

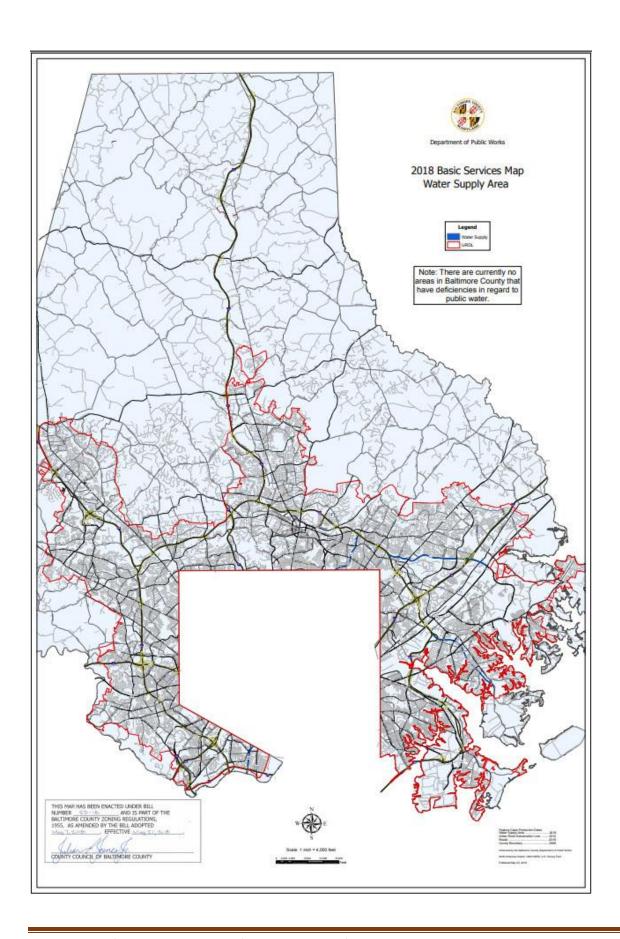
The intersection of Goucher Boulevard and Putty Hill Avenue improved from LOS E to D, after completion of construction at the intersection of Harford Road and Joppa Road. With Harford Road and Joppa Road back in normal operations, the LOS at Goucher Boulevard and Putty Hill Avenue returned to its historical typical LOS (D).

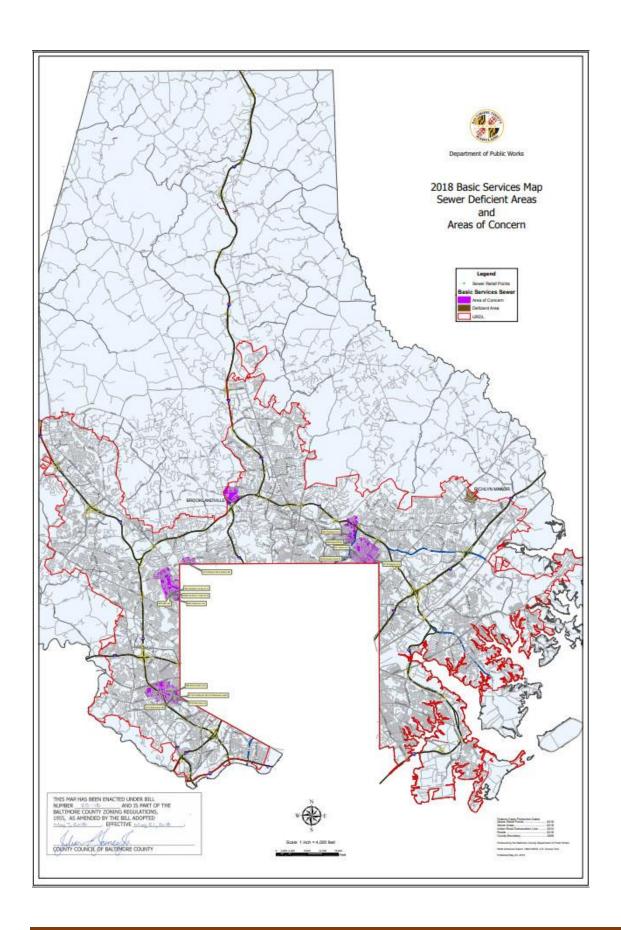
The intersection of Baltimore National Pike and N. Rolling Road plunged from LOS D to F, which could be attributed to changes in traffic demand. Though the State Highway Administration (SHA) adjusted timing, the LOS was not able to be improved. Thus, capacity of this intersection is pressed during certain times of the day for a significant duration.

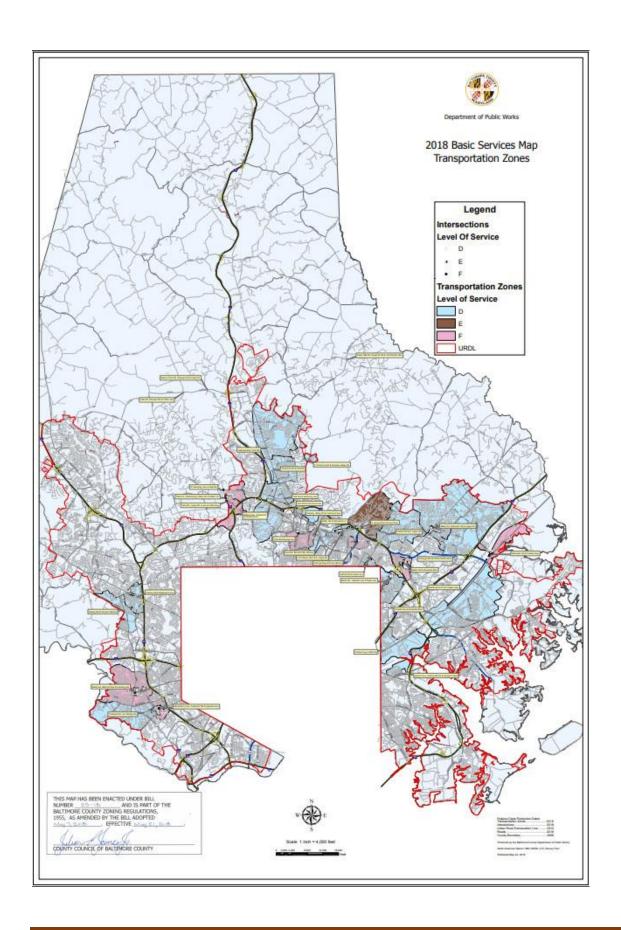
In addition, there are nine "F" level intersections and one "E" level intersection that were proposed on the 2018 Basic Service Transportation Map for controlling development. Commuter sheds for these intersections have been updated and shown on the 2018 Basic Service Map. Those ten intersections are:

| Road Name | Level of Service (LOS) |
|---|------------------------|
| Baltimore National Pike (US 40)/N. Rolling Road | F |
| Belair Road (US 1)/Rossville Boulevard | F |
| Bloomsbury Avenue/Frederick Road (MD 144) | F |
| Burke Avenue/W. Burke Avenue/York Road (MD 45) | F |
| Ebenezer Road/Pulaski Highway (US 40) | F |
| Falls Road (MD 25)/Seminary Avenue (MD 131) | F |
| Falls Road (MD 25)/W. Joppa Road | F |
| Falls Road (MD 25)/Greenspring Valley Road (MD 130) | F |
| Perring Parkway (MD 41)/Putty Hill Avenue | F |
| E. Joppa Road/Perring Parkway (MD 41) | Е |

Source: Baltimore County Department of Public Works.







Section C. Smart Growth Goals, Measures, and Indicators and Implementation of Planning Visions

C-1. Measures and Indicators

This section performs an in-depth analysis on detailed data on residential and non-residential development in 2018 with reference to the Maryland's Priority Funding Areas (PFAs). The analysis results show that Baltimore County continued to direct its development within the PFA and made progress achieving its preservation goals for areas outside the PFA.

C-1-1. Growth Inside and Outside the PFA

The County's long-term effort in growth management has been made for sustaining livable communities, preserving resources, and achieving balanced development toward goals and objectives highlighted in *Master Plan 2020*. Table 7 shows that 97% of residential units in approved development plans were within the PFA. Fifty SFD units, including 31 in one major subdivision and 19 in nine minor subdivisions, were located outside the PFA.

Table 7. New Residential Units by Housing Type by PFA in Approved Development Plans, 2018

| Project | Location of PFA | Project | | | Unit Type | | | Total |
|--------------------------|----------------------|------------|--------|---------|-----------|---------|---------|--------|
| Track | | Count | SFD | SFSD | SFA | MF | Other | |
| Major Subdivision | Total | 10 | 77 | 14 | 418 | 438 | 0 | 947 |
| | Inside PFA | 9 | 46 | 14 | 418 | 438 | 0 | 916 |
| | Outside PFA | 1 | 31 | 0 | 0 | 0 | 0 | 31 |
| Minor Subdivision | Total | 19 | 44 | 0 | 0 | 0 | 0 | 44 |
| | Inside PFA | 10 | 25 | 0 | 0 | 0 | 0 | 25 |
| | Outside PFA | 9 | 19 | 0 | 0 | 0 | 0 | 19 |
| Limited Exemption* | Total | 1 | 0 | 0 | 0 | 0 | 52 | 52 |
| | Inside PFA | 1 | 0 | 0 | 0 | 0 | 52 | 52 |
| | Outside PFA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Planned Unit Development | Total | 3 | 25 | 26 | 213 | 412 | 0 | 676 |
| | Inside PFA | 3 | 25 | 26 | 213 | 412 | 0 | 676 |
| | Outside PFA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Unit | s by Type | 146 | 40 | 631 | 850 | 52 | 1,719 |
| Units by type inside PFA | | 96 | 40 | 631 | 850 | 52 | 1,669 | |
| | Percent units in PFA | A of total | 65.75% | 100.00% | 100.00% | 100.00% | 100.00% | 97.09% |

Source Baltimore County Government, approved development plans 2019.

Percent Units in PFA of total = units by type inside PFA / total units by type.

^{*: 52} independent units including 70 beds.

Approximately 95.75% of approved development for non-residential uses were located within the PFA (Table 8). The limited development projects outside the PFA were for a mixed use development of an office and a shop off Westminster Pike and an institutional development of a building on the Saint Paul's School campus.

Table 8. Square Footage of Non-Residential Uses by PFA in Approved Development Plans, 2018

| Project | Location | Project | | Square Feet by Use Type | | | | |
|--------------------------|---------------------|------------|---------|-------------------------|---------------|-----------|--------|-----------|
| Track | of PFA | Count | Retail | Industrial | Institutional | Mixed Use | Office | |
| | Total | 24 | 275,085 | 73,064 | 94,716 | 526,252 | 0 | 969,117 |
| Limited Exemption | Inside PFA | 22 | 275,085 | 73,064 | 30,716 | 509,605 | 0 | 888,470 |
| | Outside PFA | 2 | 0 | 0 | 64,000 | 16,647 | 0 | 80,647 |
| | Total | 6 | 686,371 | 0 | 54,028 | 127,603 | 0 | 868,002 |
| Major Development | Inside PFA | 6 | 686,371 | 0 | 54,028 | 127,603 | 0 | 868,002 |
| | Outside PFA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 1 | 0 | 0 | 0 | 58,900 | 0 | 58,900 |
| Planned Unit Development | Inside PFA | 1 | 0 | 0 | 0 | 58,900 | 0 | 58,900 |
| | Outside PFA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tot | al Square Feet by | Use Type | 961,456 | 73,064 | 148,744 | 712,755 | 0 | 1,896,019 |
| | Square feet i | nside PFA | 961,456 | 73,064 | 84,744 | 696,108 | 0 | 1,815,372 |
| Percent t | otal feet inside PF | A of total | 100.00% | 100.00% | 56.97% | 97.66% | 0.00% | 95.75% |

Source: Baltimore County Government.

Percent total feet inside PFA of total = square feet inside PFA / total square feet by use type.

C-1-2. Occupancy and Razing Permits

Occupancy permits. Among all 1,817 new residential units that were permitted for occupancy in 2018, 94.33 % (or 1,714 units) were within the PFA. The remaining 5.67% were built outside the PFA, as shown in Table 9.

Table 9. New Residential Units Built by Housing Type by PFA in Occupancy Permits, 2018

| Housing Unit Type | Units | Inside | Outside PFA | |
|---|---------|-----------------|-----------------|-----------------|
| | by Type | Number of Units | % Units by Type | Number of Units |
| Multi-Family (MF) | 188 | 188 | 100.00% | 0 |
| Single Family Attached (SFA) | 1,096 | 1,096 | 100.00% | 0 |
| Single Family Detached (SFD) | 471 | 368 | 78.13% | 103 |
| Single Family Semi-Detached (SFSD) | 62 | 62 | 100.00% | 0 |
| Total Residential Units | 1,817 | 1,714 | 94.33% | 103 |
| Percent Units inside PFA of total units | - | 94.33% | - | 5.67% |

Source: Baltimore County Government.

% units by type = number of units inside PFA by type / units by type.

Percent units inside PFA of total units = number of units inside PFA / total residential units (1,817).

Table 10 illustrates that in 2018, non-residential construction was predominately (99.61%) situated within the PFA. Specifically, all the industrial, institutional, and office use projects were built within the PFA. Approximately 99.95% of retail uses were constructed within the PFA; and 88.82% of mixed uses was inside the PFA. The 500-square foot retail outside the PFA was an addition to a deli. For the mixed use development outside the PFA, it was a construction of a storage facility with an office.

Table 10. Square Footage of Non-Residential Uses by PFA in Occupancy Permits, 2018

| Data Time | | Use Type | | | | | | |
|---------------------------------------|---------|------------|-----------|---------|---------------|-------|-----------|--|
| Data Type | Retail | Industrial | Mixed Use | Office | Institutional | Other | Total | |
| Total Square Feet by Use Type | 923,882 | 2,192,726 | 129,312 | 258,564 | 288,760 | 0 | 3,793,244 | |
| Square feet by use type inside PFA | 923,382 | 2,192,726 | 114,852 | 258,564 | 288,760 | 0 | 3,778,284 | |
| Percent total square feet by use type | 99.95% | 100.00% | 88.82% | 100.00% | 100.00% | - | 99.61% | |
| Square feet by use type outside PFA | 500 | 0 | 14,460 | 0 | 0 | 0 | 14,960 | |
| Percent total square feet by use type | 0.05% | 0.00% | 11.18% | 0.00% | 0.00% | - | 0.39% | |

Source: Baltimore County Government.

Percent total square feet by use type = square feet by use type inside PFA / total square feet by use type.

Razing permits. Table 11 shows that in 2018, among 133 dwelling units issued with razing permits, 77.44 % (or 103 units) were within the PFA. The remaining 30 units or 22.56 % of total units were outside the PFA.

Table 11. Residential Units by PFA in Razing Permits, 2018

| Housing Unit Type | Units | Inside | Outside PFA | |
|------------------------------------|---------|-----------------|-----------------|-----------------|
| | by Type | Number of Units | % Units by Type | Number of Units |
| Multi-family (MF) | -12 | -12 | 100.00% | 0 |
| Single Family Attached (SFA) | -2 | -2 | 100.00% | 0 |
| Single Family Detached (SFD) | -119 | -89 | 74.79% | -30 |
| Single Family Semi-Detached (SFSD) | 0 | 0 | - | 0 |
| Total Residential Units | -133 | -103 | 77.44% | -30 |

Source: Baltimore County Government.

% units by type = number of units inside PFA by unit type / units by type.

Percent units inside PFA of total units = number of units inside PFA / total residential units (-133).

Table 12 shows that 98.84% of non-residential uses issued in razing permits were within the PFA. All industrial, mixed use, office, and institutional uses issued in razing permits were completely within the PFA. For the retail uses in razing permits, 95.47% was within the PFA. The remaining 4.53% were outside the PFA for the demolition of a greenhouse in Reisterstown.

Table 12. Square Footage of Non-Residential Uses by PFA in Razing Permits, 2018

| Location of PFA | | Use Type | | | | | Total |
|---------------------------------------|--------|------------|-----------|---------|---------------|-------|---------|
| | Retail | Industrial | Mixed Use | Office | Institutional | Other | |
| Total Square Feet by Use Type | 50,766 | 95,600 | 40,000 | 988 | 10,520 | 0 | 197,874 |
| Square feet by use type inside PFA | 48,466 | 95,600 | 40,000 | 988 | 10,520 | 0 | 195,574 |
| Percent total square feet by use type | 95.47% | 100.00% | 100.00% | 100.00% | 100.00% | - | 98.84% |
| Square feet by use type outside PFA | 2,300 | 0 | 0 | 0 | 0 | 0 | 2,300 |
| Percent total square feet by use type | 4.53% | 0.00% | 0.00% | 0.00% | 0.00% | - | 1.16% |

Percent total square feet by use type = square feet by use type inside PFA / total square feet by use type.

C-1-3. Net Density in Development

Table 13 displays that for all approved residential plans in 2018, the overall net density for residential units per acre within the PFA was remarkably higher than that outside the PFA (4.266 units per acre vs. 0.144 units per acre). Information in Table 13 is evident that Baltimore County has achieved much denser development within the PFA in compliance with the Maryland Smart Growth Principles and goals in *Master Plan 2020*.

Table 13. Total Acreage and Density of Residential Development in Approved Plans, 2018

| Project Track | Location of PFA | Total Units | Total Acreage | Net Density |
|--------------------------|---------------------|-------------|---------------|-------------|
| Major Subdivision | Inside PFA | 916 | 159.97 | 5.726 |
| | Outside PFA | 31 | 183.31 | 0.169 |
| Minor Subdivision | Inside PFA | 25 | 20.70 | 1.208 |
| | Outside PFA | 19 | 164.41 | 0.116 |
| Limited Exemption* | Inside PFA | 52 | 90.07 | 0.577 |
| | Outside PFA | 0 | 0.00 | - |
| Planned Unit Development | Inside PFA | 676 | 120.54 | 5.608 |
| | Outside PFA | 0 | 0.00 | - |
| | Total Amount | 1,719 | 738.99 | 2.326 |
| Tota | 1,669 | 391.28 | 4.266 | |
| Total | amount outside PFA | 50 | 347.72 | 0.144 |

Source: Baltimore County Government.

Net density = total units / total acres

Table 14 presents that in 2018, the net density (square feet per acre) for non-residential uses was considerably higher inside the PFA than that outside the PFA (2,042.68 square feet per acre vs. 1,469.52 square feet per acre). This indicates the continued success of growth management by directing non-residential development inside the PFA where existing or planned infrastructure is

^{*: 52} independent units including 70 beds.

in place. As C-1-1 of this report states, development outside the PFA included the limited development projects that were for a mixed use development of an office and a shop off Westminster Pike and an institutional development of a school building in Saint Paul's School.

Table 14. Total Acreage and Density of Non-Residential Development in Approved Plans, 2018

| Project Track | Location of PFA | Total Square Feet | Total Acreage | Net Density |
|--------------------------|---------------------|--------------------------|---------------|-------------|
| Limited Exemption | Inside PFA | 888,470 | 241.94 | 3,672.27 |
| | Outside PFA | 80,647 | 54.88 | 1,469.52 |
| Major Development | Inside PFA | 868,002 | 639.97 | 1,356.32 |
| | Outside PFA | 0 | 0.00 | - |
| Planned Unit Development | Inside PFA | 58,900 | 6.81 | 8,649.05 |
| | Outside PFA | 0 | 0 | - |
| | Total Amount | 1,896,019 | 943.60 | 2,009.35 |
| Total | 1,815,372 | 888.72 | 2,042.68 | |
| Total a | mount outside PFA | 80,647 | 54.88 | 1,469.52 |

Source: Baltimore County Government.

C-1-4. Development Capacity Analysis

Baltimore County updates the development capacity analysis every three years. The analysis is based on a GIS model that identifies residential vacant or under-developed parcels and calculates the potential for new residential units based on zoning for land within the PFA. The residential capacity for the rural area has not been performed due to the complexity of regulations governing subdivision of rural land.

The most recent development capacity analysis was performed after the 2016 Comprehensive Zoning Map Process (CZMP). The County Council adopted the 2016 CZMP on August 30, 2016. The new zoning map took effect on September 1, 2016. Since then there were some changes to land use, such as from pipeline to buildout. The most recent model result shows that the number of potential units is 14,427 including pipelines.

C-1-5. Land Preservation

Baltimore County has initiated policies and launched programs to protect the County's agricultural and natural resources. The County has established a nationally recognized land preservation strategy via advanced planning and zoning practices, innovative environmental programs, efforts to foster agricultural viability, and proactive land and resource protection strategies through a network of land trusts. As of the end of 2018, a total of 65,975 acres of land has been preserved through permanent easements, amounting to 82.47% of 80,000 acres, the *Master Plan 2020* goal. In 2018, the County added 926.02 acres to easements (Table 15). In

comparison, 729.63 acres were added to the easement in 2017. The map of 2018 Preserved Land on page 33 exhibits spatial locations of those programs.

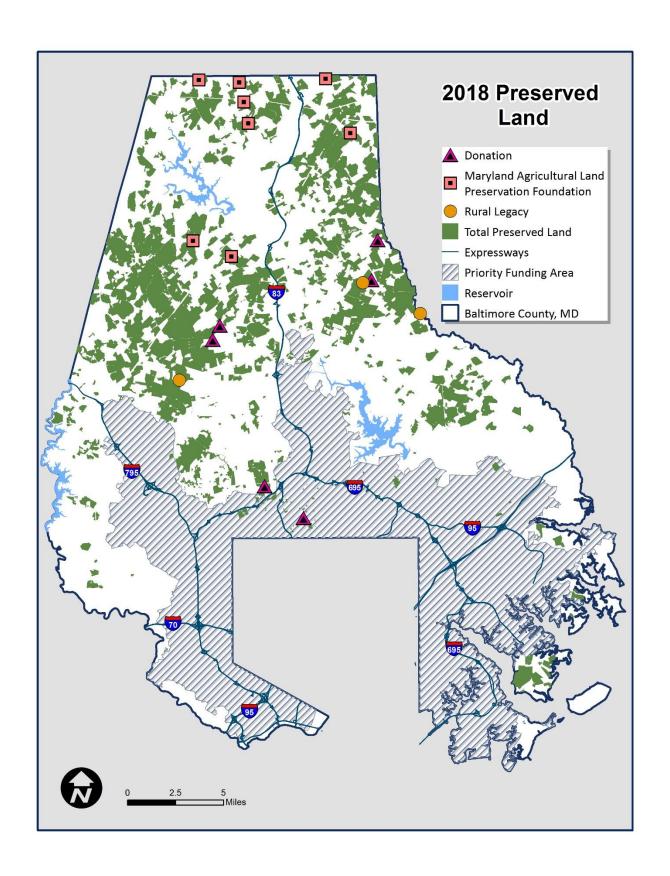
Table 15. Summary of Preservation Easements, 2018

| Туре | Acres | Percent of Total |
|--|--------|------------------|
| Donated Easements | 85.12 | 9.19% |
| Rural Legacy Easements | 279.65 | 30.20% |
| Maryland Agricultural Land Preservation Foundation | 561.25 | 60.61% |
| Baltimore County Agricultural Easements | 0.00 | 0.00% |
| Regulatory Easements | 0.00 | 0.00% |
| Total Acres | 926.02 | 100.00% |

Source: Baltimore County Government.



The Fenwick family donated 98 acres for conservation among total 65,975 acres (Source: Maryland Department of Natural Resources).



C-2. Compliance with the County Land Use Goal

Baltimore County established its land use goal since 1967 by creating the Urban-Rural Demarcation Line (URDL) and has launched land preservation programs to protect the rural area. The state PFA corresponds to the URDL. The URDL, in large part, has remained consistent, with one-third of the County designated as urban, and two-thirds as rural.

For decades, Baltimore County has continued to enact regulations and zoning changes as effective mechanisms to implement the master plan for strengthening its growth management policies. The success of master plan implementation is evident in the consecutive decennial censuses, showing that 90% of the County's population resides within the PFA. The County has been a leader in sensible development and growth management in Maryland and the nation.

With the adoption of *Master Plan 2020* in November 2010, Baltimore County has continued its commitment to maintaining the PFA by achieving the master plan's three goals:

- Continue the Success of Growth Management;
- Improve the Built Environment; and,
- Strengthen Resource Conservation and Protection.

As a maturing jurisdiction, Baltimore County has become innovative and productive in maintaining and enhancing quality of life for its residents and businesses of various scales. Subsequently, the County has flourished in the locale or Baltimore-Washington market.

The County has begun a new phase in its development -- redevelopment, to efficiently reuse land while continuing to grow and thrive. Through its land development policies and regulations, the County ensures that redevelopment is taking place in areas where infrastructure exists or is suitably planned for sustainable growth. The County's land preservation endeavors encompass a number of different programs, being funded by the state government, County government, private entities, or via donations. Others were achieved through requirements as part of the development process.

In order to continue sensible development and managed growth in the future, a variety of resources are needed in Baltimore County. The County's capital improvement program is prioritized on upgrading and expanding the County's public schools and maintaining other public infrastructure or facilities. The County continues to ensure that the capital expenditures will maintain and enhance vibrant communities for County residents, nourish economic development, protect natural resources, and preserve cultural heritage.

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