GLOSSARY

The Glossary contains an alphabetical listing defining terms as they are used in the context of the Comprehensive Plan. These terms are not intended to be the same definitions as used in the County's Zoning Ordinance. Rather, they are intended only to explain terms used in the Plan.

AASHTO: American Association of State Highway and Transportation Officials.

ACCESSORY DWELLING UNIT (OR APARTMENT): A secondary dwelling unit established in conjunction with and clearly subordinate to an existing single family detached dwelling unit.

AFFORDABLE DWELLING UNITS (ADU): Sale or rental housing units to serve households with incomes up to 70% of Metropolitan Statistical Area (MSA) median which are required to be included in certain housing developments of 50 or more units pursuant to Article 2, Part 8 of the Fairfax County Zoning Ordinance. In return for provision of this housing, additional development density is granted. Eligible occupancy, sales prices and rents of ADUs are controlled for a certain period of years. The FCRHA or nonprofit housing groups have a right to purchase a portion of the ADUs in a development.

AFFORDABLE HOUSING: For purposes of the Policy Plan, housing which is affordable to households with incomes that are 70% or less of the Metropolitan Statistical Area (MSA) median family income. (See the Housing Countywide Objectives and Policies section for an example of affordable rent and affordable home sales price). The MSA median family income is determined periodically by the U.S. Department of Housing and Urban Development.

ASSISTED LIVING: Assisted living is an industry term for multifamily housing with congregate and personal care services. Assisted living goes by many names, including personal care, residential care, congregate care and in some areas, board and care. The services offered vary widely, but frequently include as core services, meals, housekeeping and transportation and often some assistance with laundry, grooming, medication management and other functions of daily living. Special care units in some facilities care for individuals with cognitive impairment and respiratory assistance needs. Unless an assisted living facility is a component of a continuing care or "life-care" community, it does not offer the health care services of a nursing facility.

ASSISTED LIVING FACILITIES: Facilities that provide three meals a day, supervision of medications, weekly housekeeping, and around-the-clock supervision.

BEST MANAGEMENT PRACTICES (BMPs): A practice, or combination of practices, that is determined to be the most effective, practicable means of preventing or reducing the amount of pollution generated by nonpoint sources to a level compatible with water quality goals.

BETTER SITE DESIGN: Site and subdivision design techniques that minimize impacts to the natural environment, including topography, hydrology, vegetation, natural habitat, groundwater recharge, and stormwater runoff. Such a design respects these natural systems by employing practices that minimize impacts to these systems both on and off site.

BMP: See Best Management Practices.

BREAKWATER: A fixed or floating structure usually constructed parallel to the shoreline to protect the shoreline from erosion by dissipating wave energy before it reaches the shore. Typically, in order to address erosion over a reach of shoreline, a series of breakwaters are constructed.

BUFFERING: The area of open land which serves to mitigate potential conflicts between different types of land uses. Buffer zones are most commonly employed between different types of uses but, in certain circumstances, it may be appropriate to provide a buffer between high and low density residential uses.

BULKHEAD: A vertical structure or partition, placed on a bank or bluff and usually running parallel to the shoreline, for the purpose of retaining upland soils while providing protection of the inland area from wave action. Bulkheads are generally smaller than seawall structures and are designed to retain upland soils while providing protection from minimal wave action.

CAPITAL IMPROVEMENT PROGRAM (CIP): The CIP guides the development of public facilities over a five year period. It shows the arrangement of projects in a sequential order based on a schedule of priorities and assigns an estimated cost and anticipated method of funding each project. The Capital Improvement Program provides the financial foundation necessary to implement the Comprehensive Plan and public facilities plans.

CARBON MONOXIDE (CO): An odorless, colorless gas resulting from the incomplete combustion of fossil fuels. When present in high enough concentrations, CO can harm human health.

CASE MANAGEMENT: Case management is the mechanism through which persons needing assistance receive assessment services and are linked to programs. Case managers advocate for services as well as monitor programs used by persons with special needs.

CBC: See Community Business Centers.

CIP: See Capital Improvement Program.

CLUSTER DEVELOPMENT: Development in which individual lots may be smaller than the average lot authorized by the zoning ordinance. Buildable lots are located on a portion of rather than the entire site so that the residual area may be preserved for recreation or environmental protection.

CO: See Carbon Monoxide.

COG: See Council of Governments; also MWCOG.

COLLECTOR STREET: A street that provides direct service to and from local areas, routing traffic to the arterial street system. A Collector Street provides the primary means of circulation between adjacent neighborhoods and can serve as a local bus route. The Street provides for the dual purpose of land access and local traffic movement. Generally, these roadways are not used for through trips.

COMMUNITY BUSINESS CENTERS (CBC): The Land Classification System category for Centers that contain retail, office, residential uses, and parks (including Urban Parks and active recreational/cultural facilities) in a community-scale, pedestrian-oriented setting. These centers typically contain over 1,000,000 sq. ft. of commercial space.

COMMUNITY LIBRARIES: Medium-sized facilities that offer a basic range of materials and services. Monthly circulation level is 15,000 to 50,000 volumes.

COMMUNITY SERVICES: Retail, office and institutional uses that primarily serve the residents of surrounding neighborhoods. Examples of community services include dry cleaners, grocery stores, hardware stores and travel agencies.

COMMUNITY SHOPPING CENTERS: Shopping centers that range in size from 100,000 to 400,000 square feet and typically serve a population of 40,000 to 150,000. A junior department store, a variety store or a discount store serves as an anchor.

COMMUTER PARKING LOT: Facility where commuters may park their vehicles and then travel via carpool, vanpool, bus service, or rail service.

COMMUTER RAIL STATION: Facility where passengers may board commuter rail train service. Facility typically includes passenger waiting areas, ticketing and information areas and parking areas.

CONSERVATION: The restoration, stabilization, management, and wise use of natural and heritage resources for compatible educational, recreational, aesthetic, agricultural and scientific purposes, or environmental protection.

CONSERVATION EASEMENT: A legal mechanism whereby a landowner retains ownership of his/her land, but grants some right(s) to the land to a "holder" that is defined as a charitable organization declared exempt from taxation pursuant to 26 U.S.C.A. §501 (c) (3). The Code of Virginia, Virginia Conservation Easements Act, § 10.1-1900, authorizes these private, non-profit entities, such as land trusts, to hold easements when the entity has a primary purpose to retain or protect natural or open space, agricultural, forestal, recreational, or open space use; protect natural resources; maintain or enhance air or water quality; preserve historic, architectural or archaeological resources. [The Virginia Conservation Easement Act, Va. Code Ann. §§ 10.1-1009 through -1016 (Michie 1998)]

CONTEXT SENSITIVE SOLUTIONS (CSS): A collaborative, interdisciplinary approach that involves all stakeholders to develop a transportation facility that fits its physical setting and preserves scenic, aesthetic, historic and environmental resources, while maintaining safety and mobility. CSS is an approach that considers the total context within which a transportation improvement project will exist (Federal Highway Administration, FHWA).

CORRIDOR: See Enhanced Public Transportation Corridor.

CORRIDOR STUDIES: Studies which determine whether there exist a need to be addressed by the project and an analysis of a range of reasonable alternatives with regard to their effectiveness in meeting County transportation goals and objectives, their cost and their direct, indirect and cumulative impacts on the environment, heritage resources, parklands, stable and/or residential neighborhoods, and other social and economic values. The scope and geographic breadth of corridor level studies must be commensurate with the scale of the impact area involved, the size of alternative investments being evaluated, and the magnitude of potential impacts.

COUNTY 2232 REVIEW PROCESS: A mechanism for reviewing the compatibility of proposed public facilities, pursuant to §15.2-2232 of the *Code of Virginia*, with the locational guidelines established in the Comprehensive Plan. Specifically, this process is used to determine if the general or approximate location, character and extent of a proposed facility are in substantial accord with the Plan.

COUNTYWIDE PARKS: Parks that provide large scale indoor or outdoor recreation facilities, or both, and often provide specialized or unique facilities such as golf courses, RECenters, ice rink, large group facilities, sports complexes and lakefront parks that serve most or all of the County. These larger parks offer opportunities to combine diverse indoor and outdoor facilities and activities in unique ways, sometimes in or near natural settings. The size of these parks varies, but are typically more than 150 acres.

CROSSCOUNTY TRAVEL: Trips extending from one side of a county to the opposite side. Such trips are usually circumferential as opposed to radial in direction. For example, a trip with an origin in Springfield and destination in Reston, or vice versa, is regarded as crosscounty travel.

CULTURAL RESOURCES: Cultural resources are those sites or structures, including their landscape settings that exemplify the cultural, architectural, economic, social, political, or historic heritage of the County or its communities. Such sites or structures have been; 1) listed on, or determined eligible for listing on, the National Register of Historic Places or the Virginia Landmarks Register; 2) determined to be a contributing structure within a district so listed or eligible for listing; 3) located within and considered as a contributing structure within a Fairfax County Historic Overlay District; or 4) listed on, or having a reasonable potential as determined by the County for meeting the criteria for listing on, the Fairfax County Inventories of Historic or Archaeological Sites.

CUT-THROUGH TRAFFIC: Traffic that utilizes local streets rather than the arterial roadway network for through movement. Various operational and design techniques may be applied to alleviate this problem.

dBA: A measurement unit of noise. The term dBA refers to a measurement of sound pressure on the "decibel" scale weighted to approximately the sensitivity of the human ear to certain frequencies.

DEDICATION: The transfer of property rights from private to public ownership. Land so conveyed to the local government may be used for streets, schools, parks, utilities, etc. The governing body must formally accept the dedication for the transaction to be complete.

DENSITY: The number of persons or dwelling units per acre.

DEVELOPMENT INTENSITY: A quantitative measure of non-residential and mixed use development, which may include residential components, usually expressed in terms of floor area ratio; the mix and distribution of uses within a given area that determines the impact on public facility systems and transportation facilities.

DNL (Ldn): Day-night loudness. A weighted average sound pressure level accounting for the variations in noise levels during a 24 hour period, which allows for additional sensitivity to nighttime noise.

DIAMOND LANES: A specific type of High Occupancy Vehicle (H.O.V.) facility in which one or more lanes are reserved for use by H.O.V. traffic. A lane so designated is identified by a painted diamond symbol on the pavement.

DISSOLVED OXYGEN: A component of water that is essential to the survival of aquatic life. Low concentrations of dissolved oxygen are generally caused by oxygen use during the decomposition of organic matter.

DISTRICT PARKS: These parks offer diverse experiences and activities that typically involve an individual or group for a time period of up to a half day and may attract spectators or participants. These larger parks offer opportunities for a mix of park experiences and to combine diverse indoor

and outdoor facilities and activities, such as recreation centers (RECenters), multiple athletic fields, courts, group picnic facilities, trails, woodlands, open space, open play areas, amphitheatre, sometimes in or near natural settings. The size of these parks varies, but are typically between 50 to 150 acres.

EASEMENT: A grant by a property owner of the use of his or her land by another party for a specific purpose.

ECOLOGICAL RESOURCES: Biological species, communities and habitats characterized by high biological productivity, diversity, and/or connectivity, that are valuable because of their scarcity, their uniqueness, their pollutant-removal abilities, and/or their aesthetic benefits.

ECONOMIC DEVELOPMENT: Activities aimed at job creation, retention and expansion, which strengthen a community′s economic base and provide employment opportunities for the population.

ENERGY RESOURCE AND RECOVERY FACILITY: A mass burn disposal facility that burns solid waste to create steam for electric power generation.

ENHANCED PUBLIC TRANSPORTATION CORRIDOR: Major public transportation facilities (such as rail transit or high occupancy vehicle lanes) will be provided in these corridors, based upon the results of a comprehensive alternatives analysis. Final facility locations are subject to the completion of the Area Plans and/or other appropriate studies. See the Transportation Plan Map for identification of the corridors.

ENVIRONMENTAL QUALITY CORRIDORS (EQCs): An open space system designed to link and preserve natural resource areas and provide passive recreation. The system includes stream valleys, wildlife habitats, and wetlands.

EQC: See Environmental Quality Corridors.

FAIR SHARE FORMULA: A system developed by the Metropolitan Washington Council of Governments which is used to make recommendations to the U.S. Department of Housing and Urban Development on the allocation of Federal housing assistance within the Washington region.

FAIRFAX COUNTY INVENTORY OF HISTORIC SITES: See Inventory of Historic Sites.

F.A.R.: Floor Area Ratio. An expression of the amount of development (typically non-residential uses) allowed on a specific parcel of land. F.A.R. is determined by dividing the total square footage of buildings on a site by the amount of site square footage. Thus, a permitted floor area ratio of 3.0 on a 10,000 square feet lot would allow a building whose total floor area is 30,000 square feet.

FASTRAN: A County sponsored transportation service contracted by the Department of Human Services for eligible disabled, elderly, and low-income Fairfax County residents.

FECAL COLIFORM: A harmless bacteria originating in the intestinal tracts of warm-blooded animals that is measured in surface water and groundwater as an indicator of fecal contamination and of the possible presence of pathogenic organisms.

FETCH: The distance that the wind blows across the tidal body of water before it hits land. The fetch affects the momentum of wave action from a constant direction. The greater the fetch, the greater the potential force of wave action on the shoreline

FIELD SURVEY: A systematic examination of a land area to gather information about environmental and heritage resources that may be present.

FLOODPLAIN: Those land areas in and adjacent to streams and watercourses subject to periodic inundation from flood events. For instance, the 100-year flood frequency event has a one percent chance of occurrence in any given year.

FREEWAYS AND EXPRESSWAYS: Controlled access highways providing for high-volume travel. The concept of service to abutting land is subordinate to accommodating the through movement of vehicles.

FUNCTIONAL CLASSIFICATION: A system for classifying the transportation system in terms of the character of service that individual facilities are providing or are intended to provide, ranging from travel mobility to land access. Roadway system functional classification elements include Freeways or Expressways, Other Principal (or Major) Arterials, Minor Arterials, Collector Streets, and Local Streets. Transit system elements include line-haul, collection and distribution, and specialized or community-oriented transit services.

GEOMETRIC STANDARDS: Highway design criteria for road construction.

GOVERNMENT ASSISTED HOUSING: For purposes of the Comprehensive Plan, housing constructed and/or managed under programs which limit the amount of rent charged and the eligibility of occupants based on income. These limits are a condition for the provision of financial assistance from federal, state or local sources. Assisted housing is one means of providing affordable housing; however, not all assisted housing meets the definition of "affordable housing" provided above. The programs listed below are included as "government assisted housing."

- ADUs as described under "Affordable Dwelling Units."
- Housing units owned or managed by the Fairfax County Redevelopment and Housing Authority (FCRHA) and operated by the Department of Housing and Community Development under the Federal Public Housing program or the local Fairfax County Rental Program;
- Housing units owned by the FCRHA and leased for use as group homes or to nonprofit groups for emergency housing;
- Federal Section 8 project based rental subsidy units, which are usually privately owned;
- Units subsidized under Federal mortgage subsidy programs including Section 202 (Elderly), Section 811 (Disabled), Section 221(d)(3), Section 235 or Section 236. These units may be publicly owned but most are owned by private or nonprofit entities;
- Developments which were financed with FCRHA bonds where a portion of the units must have reduced rents for tenants who meet income eligibility requirements;
- Tax Credit/VHDA financed projects with Low Income Housing Tax Credits and/or Virginia Housing Development Authority (VHDA) financing which establishes income eligibility requirements, many of which are privately owned;
- Nonprofit rental units and group homes serving nine or more individuals and owned by private entities, which were assisted with loans or grants from the Community Development Block Grant (CDBG), Section 108 loans, Home Investment Partnerships Program (HOME), Fairfax County Housing Trust Fund or other Fairfax County funding source; and,

- Moderate Income Direct Sales (MIDS) program units which are for sale to income-eligible, first time home buyers with financial assistance provided in return for control of the re-sale price of the home.

- Single room occupancy housing refers to a residential property that includes multiple single room dwelling units. Each unit is for occupancy by a single eligible individual. The unit need not, but may, contain food preparation or sanitary facilities, or both.

GROIN: A shore protection structure built usually perpendicular to shoreline to trap sand moving along the shoreline in order to accrete sand and thus retard erosion of the shore.

GROUNDWATER RESOURCES: Subsurface sources of water in usable quantities for wells.

GROUP HOMES: Homes in which moderate amounts of support services are provided and appropriate for persons with physical, mental, emotional, familial or social difficulties who are somewhat self-sufficient but who benefit from living in groups of five to eight persons.

HAZARDOUS MATERIALS: Substances that are harmful to human and environmental health and/or safety in relatively small quantities. Such materials include flammable, combustible, corrosive, reactive, and toxic substances as well as any other substance defined as "hazardous" by the state or federal government.

HERITAGE RESOURCES: See Cultural Resources.

HIGH OCCUPANCY TOLL (HOT) LANE: A High Occupancy Toll (HOT) lane is a toll enacted on vehicles accessing road facilities designated for the use of high occupancy vehicles (HOVs). Tolls for HOVs may be reduced or free. Implementation of HOT lanes should ensure adequate capacity to accommodate HOV traffic. High Occupancy Tolls are a form of road pricing. Variable tolls are often used depending on congestion levels in the HOT lane.

HIGH OCCUPANCY VEHICLE (HOV) FACILITIES: Roadways or roadway elements that are restricted to use by carpools, vanpools, transit or other High Occupancy Vehicles during certain time periods. HOV facilities may consist of designated diamond lanes, or exclusive facilities separated from conventional traffic by barriers.

HIGH OCCUPANCY VEHICLE (HOV) LANE: Roadway or roadway elements that are restricted to use by carpools, vanpools, transit or other HOVs during certain time periods. HOV facilities may consist of designated diamond lanes or exclusive facilities separated from conventional traffic barriers. Policies on the minimum number of passengers using HOV lanes should be generally determined by travel characteristics of individual corridors, capacity and traffic volume of HOV lanes, and other operational considerations.

HIGHWAY CAPACITY: The maximum flow in vehicles per hour that can be reasonably expected on a particular segment of highway during a given time period under prevailing roadway, traffic, and control conditions.

HISTORIC OVERLAY DISTRICTS: A zoning tool used to regulate architecture in areas containing heritage resources to ensure compatibility with the resources. Site design, facades, and building materials must be reviewed and approved by an Architectural Review Board.

HOMESHARING: The shared occupancy of a house or apartment by two or more unrelated persons.

HOUSING TRUST FUND: A fund created by the Fairfax County Board of Supervisors to facilitate the creation of affordable housing within the County.

HOV: See High Occupancy Vehicle.

HYDROCARBON RUNOFF: The entrainment and transport by stormwater runoff of petroleum products, such as motor oil, originally deposited onto impervious surfaces by motor vehicles.

INDEPENDENT LIVING FACILITY: a residential development that is limited to occupancy by elderly persons and/or persons with disabilities. Such a facility shall provide: (a) dwelling units with complete kitchen facilities, (b) supportive services such as meals, personal emergency response systems, recreation and transportation services, and (c) design features, such as wider doorways and hallways, accessible-ready bathrooms and lower light switches.

INDUSTRIAL AREAS: The Land Classification System category for areas that are intended to provide suitable locations for industrially-related uses. The category does not allow residential uses and generally limits future office uses to those which are ancillary to an area's industrial uses.

INFILL: Development on vacant or underused sites within an established development pattern.

INFRASTRUCTURE: The network of vital systems that comprises the improvements and publicly funded facilities added to the built environment to support new development and growth. Such systems include transportation, sanitary sewer, communications, stormwater, solid waste disposal, and water treatment and distribution.

INTENSITY: See Development Intensity.

INTERCOUNTY TRAVEL: Trips that originate in one county and have a destination in another county. For example, a trip with an origin in Fairfax County and destination in Prince William County, or vice versa, is regarded as intercounty travel.

INTRACOUNTY TRAVEL: Trips with both an origin and destination in the same county. For example, a trip that stays within Fairfax County is regarded as intracounty travel.

INVENTORY OF HISTORIC SITES: Properties included in the Inventory must meet certain eligibility criteria and are officially designated by the County's History Commission. Inclusion on the Inventory is primarily a way of publicly recognizing the significance of a property, although it does not legally protect a property from demolition or inappropriate change. Owners of properties included in the Inventory may meet with the County's Architectural Review Board (ARB) on a voluntary basis to review proposed changes to their properties.

LARGE INSTITUTIONAL LAND AREAS: The Land Classification System category that includes publicly-owned state or federal land holdings that are not subject to the normal County development review processes. The County should encourage state and federal agencies to develop or redevelop their holdings only when plans are coordinated with the County.

LDR: See Low Density Residential Areas.

LEVEL OF SERVICE: A qualitative measure of the effect of a number of traffic factors, including speed and travel time, traffic interruptions, freedom to maneuver, safety, driving comfort and convenience, and traffic volume. These factors are used to measure the functioning of a road or

intersection with traffic, and the resulting level of service is expressed by a rating of "A" (best) through "F" (worst).

LOCAL PARKS: Parks that serve local, or nearby residents, communities and workers; are easily accessible; and offer active or passive recreational facilities, or both, in suburban centers, suburban neighborhoods and mixed–use centers.

LOCAL STREET: A street which is primarily intended to provide direct access to properties abutting the roadway and within the immediate vicinity. A Local Street offers the lowest level of mobility and usually does not serve a bus route. Overall operating speeds are low in order to permit frequent stops or turning movements to be made with maximum safety. Service to through traffic movement is deliberately discouraged.

LOS: See Level of Service.

LOW DENSITY RESIDENTIAL AREAS: The Land Classification System category for ecologically significant areas of the County currently characterized by low density development within which environmental protection will be achieved primarily by restricting growth to large lot residential development. The rapidly decreasing supply of land in the County, coupled with the loss of natural habitat, plus the vital role that portions of these areas serve in protecting water quality, dictates that development in these areas be minimized.

LOW IMPACT DEVELOPMENT (LID): The use of site and subdivision design techniques in coordination with stormwater management engineering to mimic the hydrologic conditions associated with an undeveloped site to the greatest extent practicable.

LOW-INCOME HOUSEHOLDS: Households with incomes that are less than 50 percent of the Metropolitan Statistical Area (MSA) median household income, adjusted for family size.

MANUFACTURED HOUSING: Homes built in a factory to federal standards and inspected by federally-certified agencies. These homes are often assembled on-site.

MARINE CLAY SOILS: Soils that occur in widespread areas of the County east of Interstate 95. Because of the abundance of shrink-swell clays in these soils, they tend to be highly unstable. Many areas of slope failure are evident on natural slopes. Construction on these soils may initiate or accelerate slope movement.

MASS TRANSIT: A term used to describe public transportation facilities and vehicles such as rapid rail and buses.

METRORAIL STATION: Facility where passengers may board Metrorail trains. Facility typically includes passenger waiting areas, ticketing and information areas, commuter parking, as connecting bus areas.

MINOR ARTERIAL: A roadway that carries a mix of local and through traffic. It links Collectors, and sometimes Local Streets, with Principal Arterials. Minor arterials may carry local bus routes, and are designed with greater emphasis on traffic movement than on providing access to abutting land.

MIXED-USE: A designation that permits a combination of uses within a single development or district. The development may contain a mix of office buildings, retail establishments, hotels, housing, and related uses.

MIXED-USE AREA: A specified area which includes three or more different types of uses within its boundaries. Generally these uses are on separate but interrelated sites.

MIXED-USE CENTERS: Tysons Corner Urban Center, Suburban Centers, Transit Station Areas, and Community Business Centers.

MIXED-USE PROJECT: A development that includes two or more physically integrated uses on one site or within one structure.

MODE: A means of travel. Transportation modes include automobile, rail, bus or walking. In some cases, subsections of the above might also be considered modes, as for example, single-occupant automobiles, autos with two passengers, and autos with three or more passengers.

MODERATE-INCOME HOUSEHOLDS: Households with incomes that are between 50 and 80 percent of the Metropolitan Statistical Area (MSA) median household income, adjusted for family size.

MULTIFAMILY HOUSING: Structures designed to accommodate several unrelated households. Multifamily residences include garden apartments, mid-rise and high-rise apartment buildings, and residential condominiums.

MWCOG: Metropolitan Washington Council of Governments (MWCOG) is a regional organization composed of 20 local governments of the Washington Capital area. MWCOG develops coordinated regional responses and actions to issues on the environment, affordable housing, economic development, health and family concerns, human services, population growth, public safety, and transportation.

NATIONAL AMBIENT AIR QUALITY: The Clean Air Act, which was last amended in 1990, requires the Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards for pollutants considered harmful to public health and the environment.

NATIONAL REGISTER OF HISTORIC PLACES: See Virginia Landmarks Register/National Register of Historic Places.

NEIGHBORHOOD SHOPPING CENTERS: Centers that range in size between 80,000 and 125,000 square feet. They serve an area within three to five minutes driving time and generally have a supermarket as the anchor store. To support a center with a supermarket anchor, a population of 10,000 or more is desirable.

NEIGHBORHOOD (MINI AND PORTABLE) LIBRARIES: Small facilities that provide popular titles and the most essential services. Monthly circulation level is 4,000 to 10,000 volumes.

NITROGEN: A nutrient, which when released into surface water, may stimulate the growth of aquatic organisms. Such organisms, upon decomposition, can adversely affect the ecological quality of a surface water body by depleting its supply of dissolved oxygen.

OPEN SPACE: The Virginia Open Space Land Act defines "open-space land" as "any land which is provided or preserved for (i) park or recreation purposes, (ii) conservation of land or other natural resources, (iii) historic or scenic purposes, (iv) assisting in the shaping of the character, direction, and timing of community development, or (v) wetlands as defined in §28.2-1300. [The Virginia Open Space Land Act, Va. Code Ann. §§ 10.1-1700 through -1705 (Michie 1998)]

OPEN SPACE EASEMENT: A legal mechanism whereby a landowner retains ownership of his/her land, but grants some right(s) to the land to a public body, such as the Board of Supervisors. The Code of Virginia, Virginia Open Space Land Act, § 10.1-1700, authorizes public bodies to hold easements and also defines the purpose of open-space easements to include retaining or protecting the property value of natural or open space, assuring the availability of open space for agricultural, forestal, recreational, or open space use; protecting natural resources; maintaining or enhancing air or water quality; or preserving historical, architectural or archeological resources.

The Virginia Open Space Land Act, as paraphrased, defines "public body" as any state agency, county, municipality, park authority, public recreational facilities authority, soil and water conservation district, and community development authority having authority under the Code of Virginia to acquire land for public use. [The Virginia Open Space Land Act, Va. Code Ann. §§ 10.1-1700 through -1705 (Michie 1998)]

OZONE: An air pollutant that forms from the interactions of oxides of nitrogen and volatile organic compounds with sunlight. High ozone concentrations can adversely affect human health. Motor vehicles are the major source of oxides of nitrogen and volatile organic compounds in the Washington metropolitan area.

PARATRANSIT: The family of transportation services which falls between the single-occupant automobile and fixed-route transit. Examples of paratransit include taxis, carpools, vanpools, minibuses, jitneys, demand-responsive bus services, and specialized bus services for the mobility-impaired or transportation disadvantaged.

PHOSPHORUS: A nutrient, which when released into surface water, may stimulate the growth of aquatic organisms. Such organisms, upon decomposition, can adversely affect the ecological quality of a surface water body by depleting its supply of dissolved oxygen.

PRIMARY SYSTEM: All Virginia non-Interstate highways with route numbers less than 600, generally serving more than one jurisdiction and therefore relatively more of statewide significance.

PRINCIPAL ARTERIAL: A highway that serves main travel corridors. Significant intra-area travel and important intra-urban and intercity bus services are served by this class of street. Some access is provided to abutting land, but the primary function of a Principal Arterial roadway is to carry through traffic.

PROFFER: A development plan and/or written condition, which, when offered voluntarily by an owner and accepted by the Board of Supervisors, becomes a legally binding part of the regulations of the zoning district pertaining to the property in question. Proffers, or proffered conditions, must be considered by the Planning Commission and submitted by an owner in writing prior to the Board of Supervisors public hearing on a rezoning application, and thereafter may be modified only by an application and hearing process similar to that required of a rezoning application.

PUBLIC HOUSING: Housing owned and operated by a local public housing authority, such as the Fairfax County Redevelopment and Housing Authority (FCRHA), under the federal low-rent public housing program administered by the United States Department of Housing and Urban Development. It is occupied predominately by low-income households and rents are limited to 30% of adjusted household income. Federal funds are provided for construction/acquisition of public housing units and for capital improvements and major repairs. In Fairfax County, the public housing program includes apartment or townhouse complexes wholly owned by the FCRHA as well as scattered townhouse units and condominiums in larger complexes.

PUBLIC FACILITIES: Facilities that are required to support the services and functions provided by the County government or public utility companies. Such facilities are essential to support the community and its development and to enhance the overall quality of life. Public facilities include such necessities as water and sewer lines, drainage and stormwater management facilities, and police and fire protection, as well as educational, recreational and cultural services.

PUBLIC TRANSPORTATION TRANSFER POINT: Facilities designated on the Transportation Plan Map where transfers between various modes of transportation (e.g., automobile, bus, rail) are expected to occur. Examples include park-and-ride lots, transit transfer centers, or future Metrorail Station locations. The design, function and exact location of such facilities are contingent upon future studies.

RAIL STATION: Facility where passengers may board a type of rail service which may be Metrorail, light rail, commuter rail, or some other form of rail passenger service. Facility typically includes passenger waiting, ticketing and information areas. Rail stations also designated as a transit transfer center will not have commuter parking while those also designated as a commuter parking lot will have commuter parking.

REDEVELOPMENT: Development activity generally characterized by clearance of existing structures and new construction. The new development may be the same type of land use, or a new type, but it is usually at a higher level of intensity or density than that it replaces.

REGIONAL LIBRARIES: Large facilities offering a comprehensive collection of materials and a variety of services and programs. Such facilities are the foundation of the County's library system and are supported by the other two facility categories. Monthly circulation level is at least 50,000 volumes.

REGIONAL PARKS: Parks that are distinguished from, yet supplement and enhance County and municipal park systems, and seek to preserve and protect regionally-significant areas of particular ecological, scenic or historic value and provide recreational facilities to serve users throughout the Northern Virginia area.

REGIONAL STORMWATER MANAGEMENT FACILITIES: A regional stormwater management facility is defined as a facility that provides detention of stormwater runoff typically for the entire upstream watershed and provides water quality benefits for the entire upstream watershed in accordance with the Public Facilities Manual. Generally for a stormwater detention facility to qualify as a regional facility, it must provide detention benefits for a watershed area of greater than 100 acres.

RESOURCE-BASED PARKS: Parks that primarily preserve, protect and interpret significant or exemplary environmental, ecological, cultural and/or scenic resources and areas for public education, enjoyment, and use consistent with resource protection and stewardship needs.

RESOURCE MANAGEMENT AREA (RMA): An area designated pursuant to the Chesapeake Bay Preservation Ordinance (Chapter 118 of the Fairfax County Code) comprised of lands that, if improperly used or developed, have a potential for causing significant water quality degradation or for diminishing the functional value of the Resource Protection Area. RMAs include any such area that is not designated as an RPA.

RESOURCE PROTECTION AREA (RPA): An area designated pursuant to the Chesapeake Bay Preservation Ordinance (Chapter 118 of the Fairfax County Code) comprised of lands at or near the shoreline or water′s edge that have an intrinsic water quality value due to the ecological and biological processes they perform or are sensitive to impacts which may result in significant

degradation of the quality of state waters. In their natural condition, these lands provide for the removal, reduction, or assimilation of sediments, nutrients, and potentially harmful or toxic substances from runoff entering the Bay and its tributaries, and minimize the adverse effects of human activities on state waters and aquatic resources.

REVETMENT: A man-made slope that is constructed along a shoreline and protected through the placement of erosion-resistant materials, typically separate layers of stone or chunks of concrete (known as "riprap"), sometimes along with filter fabric that is effective in preventing erosion from occurring behind the riprap.

REVITALIZATION: The renewal and improvement of older commercial and residential areas through any of a series of actions or programs that encourage and facilitate private and public investment. This community investment can include (but is not limited to) activities and programs designed to improve neighborhoods; strengthen existing businesses; attract new businesses; encourage quality renovation and new construction; enhance public spaces and pedestrian amenities; ensure safe, efficient and convenient traffic flow; and contribute to the social and economic vitality of the area.

RIDESHARING: Programs designed to increase the occupancy of automobiles, or other vehicles, and thereby reduce demand on the roadway system. Examples include carpooling, vanpooling, buspooling, and promotion of the use of High Occupancy Vehicle (HOV) facilities.

RIGHT-OF-WAY: The area over which a legal right of passage exists; land used for public purposes in association with the construction or provision of public facilities, transportation projects, or other infrastructure.

SCIENTIFIC RESEARCH, DEVELOPMENT AND TRAINING: Any structure wherein the primary use is the administration and conduct of investigation, examination, experimentation or training aimed at the discovery and interpretation of facts and/or the practical application of the above to products or processes. Establishments for scientific research, development and training shall include one or more of the following principal facilities and/or activities: laboratory facilities; pilot plants; prototype production; and/or the assembly, integration and testing of goods and products. An establishment for scientific research, development and training shall not be deemed an office.

SCREENING: Landscaping and/or physical barriers that are erected to mitigate potential incompatibilities between different types of land uses.

SEAWALL: A vertical structure or partition, usually running parallel to the shoreline, for the purpose of retaining upland soils while providing protection from severe wave action. Seawalls are often concrete structures poured in place.

SECONDARY SYSTEM: Non-Interstate and non-Primary roads in Virginia with route numbers of 600 or greater, generally serving only individual counties.

SHARED HOUSING: See Homesharing.

SHOULDER TREATMENT: Various design standards for the edges of roadways to accommodate stormwater runoff and mitigate safety problems.

SHRINK-SWELL CLAY SOILS: High clay content soils characterized by swelling when moistened and shrinking when dried. These soils have low load bearing values for foundation support.

SINGLE-FAMILY DETACHED DWELLING: A single family dwelling unit which is entirely surrounded by open space or yards on the same lot.

SINGLE-FAMILY RESIDENTIAL: Units designed to house one family per unit. Includes detached single family homes as well as townhouses.

SLIPPAGE SOILS: Marine or silty clay deposits that are plastic in nature with a high shrink-swell potential are generally unstable, particularly on steep slopes. Soil movement may result in damage to structures built on these deposits.

SPECIAL EXCEPTION/SPECIAL PERMIT USES: Uses, which by their nature, can have an undue impact upon or can be incompatible with other uses. Such uses may be allowed to locate within given designated zoning districts only under special controls and limitations, and regulations.

STREAM VALLEY: An aggregation of features, produced by the physical action of flowing water, which includes intermittent or perennial streams, 100-year frequency flood plains, and adjacent slopes.

SUB-REGIONAL PLANNING PROCESS: A planning effort initiated by the Commonwealth of Virginia to address the overall transportation system in Northern Virginia from a regional perspective.

SUBURBAN CENTERS: The Land Classification System category for Centers that contain a complementary mixture of office, retail, residential uses and parks (including Urban Parks and active recreation facilities) in a cohesive, moderate-intensity setting.

SUBURBAN NEIGHBORHOODS: The Land Classification System category for areas that comprise the majority of land in the County devoted primarily to residential use. In addition to the predominantly residential use, this category includes the community-serving retail, service and office uses required by residents, as well as associated institutional and public facility uses such as churches, schools, parks and libraries.

TAX CREDITS: A program under Federal IRS regulations (Low Income Housing Tax Credit Program) which provides tax credits in return for investment in housing developments where a portion of the units are subject to rent limits for tenants who meet income eligibility requirements.

TDM: See Transportation Demand Management.

TIMED-TRANSFER CONCEPT: A concept of transit planning whereby public transportation services are scheduled so that transfer times are minimized at transfer points, typically park-and-ride lots, transit centers, and rail stations.

TMA: See Transportation Management Association.

TRAILS: A pathway constructed of various materials such as asphalt, stone dust, or natural surface that is used for recreation, or as an alternative mode of non-motorized transportation, or both.

TRANSIT: See Mass Transit.

TRANSIT-ORIENTED DEVELOPMENT (TOD): Transit-oriented development (TOD) in Fairfax County is defined as compact, pedestrian- and biking-friendly, mixed-use development containing medium to high density residential, office and retail uses within walking distance of

certain rail transit stations identified in the Area Plans. Well-planned TOD should incorporate good design principles and an appropriate mix of uses around rail transit stations to promote transit usage and create vibrant neighborhood centers at these locations.

TRANSIT STATION AREAS (TSAs): The Land Classification System category for areas adjacent to Metrorail Stations (or other future rapid rail stations) which are directly influenced by the presence of access points to the regional rail system. Generally, Transit Station Areas constitute those lands within a primary and a secondary development area. The primary development area is approximately a 5-7 minute walk of a station entrance. The secondary development area is approximately a 15 minute walk of a station entrance. In addition to these general guidelines, Transit Station Area boundaries are strongly influenced by the area's access characteristics and the relationship of the station to surrounding stable neighborhoods.

TRANSIT TRANSFER CENTER: Facility where public transportation services, usually bus services and sometimes rail service, are coordinated so that passenger transfers are facilitated. Facility typically includes passenger waiting and information areas, bus parking areas, and does not including parking.

TRANSPORTATION DEMAND MANAGEMENT (TDM): Actions taken to reduce single occupant vehicle automobile trips or actions taken to manage or reduce overall transportation demand.

TRANSPORTATION MANAGEMENT ASSOCIATIONS (TMAs): Groups of employers uniting together to work collectively to manage transportation demand in a particular area.

TRANSPORTATION SYSTEM MANAGEMENT (TSM) PROGRAMS: This term is used to describe a full spectrum of actions that may be applied to improve the overall efficiency of the transportation network. TSM programs usually consist of low-cost alternatives to major capital expenditures, and may include parking management measures, ridesharing programs, flexible or staggered work hours, transit promotion, or operational improvements to the existing roadway system. TSM includes Transportation Demand Management measures as well as H.O.V. use and other strategies associated with the operation of the street and transit systems.

TRIBUTARY STREAM: Any perennial stream that is so depicted on the most recent U.S. Geological Survey 7 1/2 minute topographic quadrangle map (scale 1:24,000).

TSA: See Transit Station Area.

TSM: See Transportation System Management.

TYSONS CORNER URBAN CENTER: The Land Classification System category for the Center that contains a mixture of high intensity office, retail, residential uses and parks (including Urban Parks and active recreation facilities) in a pedestrian-oriented urban environment.

URBAN DESIGN: An aspect of urban or suburban planning that focuses on creating a desirable environment in which to live, work and play. Design analysis includes the relationship between buildings, streets, land use, open space, circulation, height, natural features and human activity. A well-designed urban or suburban environment demonstrates the four generally accepted principles of urban design: clearly identifiable function for the area; easily understood order; distinctive identity; and visual appeal.

URBAN PARKS: Public spaces in densely developed areas that offer the opportunity for passive and active recreation.

URBAN PLANNING: The discipline of distributing urban or suburban functions spatially, in terms of activity patterns of people in the physical setting. This includes the physical facilities or improvements to the land which are made to accommodate these activity patterns. Urban or suburban functions addressed in planning are broad, encompassing land use; transportation; housing; open space and recreation; public and human services; and conservation of environmental and heritage resources.

V/C: See Volume to Capacity Ratio.

VDOT: Virginia Department of Transportation.

VDOT SIX-YEAR PROGRAM: The State's six-year Capital Improvement program for transportation. Each year, VDOT adopts a Primary and Secondary budget following public hearings throughout the State. Both budgets are derived from Six-Year Programs, which are updated annually, for the Interstate and Primary Systems, and bi-annually for the Secondary System, following public hearings in each case. Many projects appearing in the Six-Year Program are not fully funded within the Program.

VDRPT: Virginia Department of Rail and Public Transportation.

VHDA: Virginia Housing Development Authority. A state housing finance agency.

VIRGINIA BYWAY: A designation given by Virginia′s Commonwealth Transportation Board to a roadway which is of historic significant and/or scenic interest or links areas of historic significant and/or scenic interest.

VIRGINIA RAILWAY EXPRESS: Commuter rail service in the Southern Railway and Richmond, Fredericksburg and Potomac rail corridors.

VOLUME-TO-CAPACITY (V/C) RATIO: A measure of the level-of-service or adequacy of roadways, intersections, or transit services, usually expressed during peak periods of travel. The V/C ratio is a comparison of traffic volume to capacity. As used herein, a V/C ratio of 1.0 or greater connotes a congested (LOS E) or failing (LOS F) facility, with long delays.

WASHINGTON METROPOLITAN STATISTICAL AREA (MSA): The Bureau of Census designation for the metropolitan region that includes Fairfax County. It also includes the District of Columbia; Montgomery, Prince George's, Charles, Calvert and Frederick Counties, Maryland; the Cities of Alexandria, Fairfax, Falls Church, Manassas and Manassas Park; and, Arlington, Loudoun, Prince William and Stafford Counties, Virginia.

WASTE STREAM REDUCTION PROGRAMS: Programs that reduce the volume of waste through conservation and recycling efforts.

WETLANDS: Any land characterized by wetness for a portion of the growing season. Wetlands are generally delineated on the basis of physical characteristics such as soil properties indicative of wetness, the presence of vegetation with an unusually strong affinity for water, and the presence or evidence of surface wetness. Wetland environments provide water quality improvement benefits and, in most cases, are ecologically valuable.

WMATA: Washington Metropolitan Area Transit Authority.