



# ACTIVE TRANSPORTATION AND TRAIL NETWORK PLAN

DRAFT (LATER TO BE CHANGED TO: AS ADOPTED BY THE FAIRFAX COUNTY BOARD OF SUPERVISORS, DATE, YEAR)

This map is a component of the Fairfax County Comprehensive Plan as referenced in the Transportation section of the Countywide Policy Element and identifies the County's approximate location of designated active transportation and trail routes regardless of funding status or completion. For more information on how to determine the land use context, description of facility types, and facility selection guidance reference the Contextual Guidance for Selecting All Ages & Abilities Active Transportation Facilities and Supporting Amenities Table (Table) and the Active Transportation Toolkit (Toolkit).

## PLAN NOTES

- 1 Pedestrians and bicyclists of all ages and abilities should be accommodated along all roads in Fairfax County.** This map does not identify the location of planned or constructed network. New sidewalks should be a minimum of 6 feet wide with no. 2 reinforcement.
- 2 This map identifies the land use context based on the Concept for Future Development Map.** It should be used to identify the appropriate context when determining facility type and supporting amenities.
- 3 Specific active transportation facilities, width, and streetcrossing recommendations for Special Planning Areas are found in the Active Transportation Comprehensive Plan and the Urban Design Guidelines.** Note that some specific streetcrossing requirements may exist which are not shown on this map.
- 4 Crosswalks should be provided at all legs of a signalized intersection.** An unsignalized intersection is identified by the block location, contact VDOT (800-RE-3474) to determine appropriate location, type, and other traffic control devices or geometric improvements that should be considered. All new and approved crossings are subject to the Virginia Department of Transportation (VDOT) review and approval.
- 5 On-street bike lanes should be provided as part of pavement maintenance activities where space within the existing curb can be utilized for this purpose.** Crosswalks, on-street bike lanes, or other designated space does not indicate a preferred facility type or design.
- 6 Regional routes connect destinations with each other and surrounding jurisdictions.**
- Local routes connect neighborhoods to local destinations and regional routes.

- 7 This map identifies the approximate location of active transportation and trail network routes along roads and through open space.** The local or regional designation does not indicate a preferred facility type or design.
- 8 This map identifies the approximate location of active transportation and trail network routes along roads and through open space.** The local or regional designation does not indicate a preferred facility type or design.
- 9 Urban Network Routes (Refer to the applicable Special Area Plan and Urban Street Standards and/or Urban Design Guidelines) (Regional or Local)**
- Consult applicable Special Planning Area recommendations, which may contain specific facility recommendations. Where included, facility recommendations in the Special Area Plan/Urban Design Guidelines are the preferred facility type. However, facilities may be enhanced as needed per the Table.
- Typical Facilities for reference only, may differ in Special Area Plans.
- Multi-Use Hard Surface Trail Designed for Slow Travel Speeds
  - On-Street Bike Lanes with Enhanced Sidewalks
  - Urban Trailways (constrained conditions)
  - Local Street Reference: Contextual Guidance for Selecting All Ages & Abilities Active Transportation Facilities and Supporting Amenities is determined based on the identified and supporting facility type.
  - On-Street Bike Lanes with Enhanced Sidewalks
  - Urban Trailways (constrained conditions)
  - On-Street Bike Lanes (Standard, Buffered, Green, Adjacent with Enhanced Sidewalks)
  - Neighborhood Greenway with Enhanced Sidewalks

- 10 Trail Network Route Along Road (Regional or Local)**
- Location shown on the Map is approximate. Reference Active Transportation Facility Selection Along Roads Guidance to determine preferred facility type, surface, and width options, desirable pedestrian facilities and landscape amenity panel type and width.
- Typical Facility:
- Multi-Use Hard Surface Trail Designed for Fast Travel Speeds
  - Multi-Use Hard Surface Trail Designed for Slow Travel Speeds (Low Density Residential Area Land Use Context or Constrained Conditions)
- Other Facility Options:
- One-Way Cyclistways with Sidewalks
  - Two-Way Cyclistways with Sidewalks

- 11 Enhanced Neighborhood Route**
- Location shown on the Map is approximate. Reference Active Transportation Facility Selection Along Roads Guidance to determine preferred facility type, surface, and width options, desirable pedestrian facilities and landscape amenity panel type and width.

- Typical Facility:
- Neighborhood Greenway with Sidewalks
  - On-Street Bike Lanes (Standard, Buffered, Green, Adjacent with Sidewalks)
  - Multi-Use Hard Surface Trail Designed for Slow Travel Speeds
  - Shared Street with Sidewalks and Wayfinding and/or Warning Signs
  - Enhanced Sidewalk
  - Reduction First Street
- Other Facility Options:
- Multi-Use Hard Surface Trail Designed for Fast Travel Speeds
  - One-Way Cyclistways with Sidewalks
  - Two-Way Cyclistways with Sidewalks
  - Multi-Use Hard Surface Trail Designed for Fast Travel Speeds

- 12 All Other Routes (Along Roads)**
- Option to enhance facilities as needed per the Active Transportation Facility Selection Along Roads Guidance.
- Typical Facilities:
- On-Street Bike Lanes (Standard, Buffered, Green, Adjacent with Sidewalks)
  - Neighborhood Greenway with Sidewalks
  - Reduction First Street
  - Shared Street with Sidewalks and optional Wayfinding and/or Warning Signs
  - Multi-Use Hard Surface Trail Designed for Slow Travel Speeds
- Other Facility Options:
- One-Way Cyclistways with Sidewalks
  - Two-Way Cyclistways with Sidewalks
  - Multi-Use Hard Surface Trail Designed for Fast Travel Speeds

- 13 This map identifies the approximate location of trail routes through open space (Regional or Local)**
- This Plan does not specify the side of the stream, facility width, crossing points, or the lateral connections to planned stream valley trails. Lateral connections are determined by County staff based on type of trail, safety and maintenance requirements, site conditions, location of environmental and historic resources, and type and design of adjacent development. For further information regarding stream valley trails, contact Fairfax County Park Authority Trail Coordinator at (703) 224-2241.
- 14 Stream Valley Trail Route (Regional or Local)**
- This Plan does not specify the side of the stream, facility width, crossing points, or the lateral connections to planned stream valley trails. Lateral connections are determined by County staff based on type of trail, safety and maintenance requirements, site conditions, location of environmental and historic resources, and type and design of adjacent development. For further information regarding stream valley trails, contact Fairfax County Park Authority Trail Coordinator at (703) 224-2241.

- 15 Other Facilities (Non-FCPA)**
- Natural Surface Trail
  - Shared Street with Sidewalks and optional Wayfinding and/or Warning Signs
  - Multi-Use Hard Surface Trail Designed for Fast Travel Speeds
- For facilities on FCPA parkland, contact Fairfax County Park Authority Trail Coordinator at (703) 224-2241 for guidance.
- 16 Stream Valley Trail Route (Regional or Local)**
- This Plan does not specify the side of the stream, facility width, crossing points, or the lateral connections to planned stream valley trails. Lateral connections are determined by County staff based on type of trail, safety and maintenance requirements, site conditions, location of environmental and historic resources, and type and design of adjacent development. For further information regarding stream valley trails, contact Fairfax County Park Authority Trail Coordinator at (703) 224-2241.
- 17 Other Facilities (Non-FCPA)**
- Natural Surface Trail
  - Shared Street with Sidewalks and optional Wayfinding and/or Warning Signs
  - Multi-Use Hard Surface Trail Designed for Fast Travel Speeds
- For facilities on FCPA parkland, contact Fairfax County Park Authority Trail Coordinator at (703) 224-2241 for guidance.
- 18 Other Facilities (Non-FCPA)**
- Natural Surface Trail
  - Shared Street with Sidewalks and optional Wayfinding and/or Warning Signs
  - Multi-Use Hard Surface Trail Designed for Fast Travel Speeds
- For facilities on FCPA parkland, contact Fairfax County Park Authority Trail Coordinator at (703) 224-2241 for guidance.

TABLE 1: CONTEXTUAL GUIDANCE FOR SELECTING ALL AGES & ABILITIES ACTIVE TRANSPORTATION FACILITIES AND SUPPORTING AMENITIES

Facility Type	Facility Description	Facility Width	Facility Surface	Facility Amenities	Facility Location	Facility Type	Facility Description	Facility Width	Facility Surface	Facility Amenities	Facility Location
Enhanced Neighborhood Route	Enhanced Neighborhood Route	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Enhanced Neighborhood Route	Enhanced Neighborhood Route	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Local Trail Network Route (through Open Space)**	Local Trail Network Route (through Open Space)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Local Trail Network Route (through Open Space)**	Local Trail Network Route (through Open Space)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Regional Trail Network Route (through Open Space)**	Regional Trail Network Route (through Open Space)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Regional Trail Network Route (through Open Space)**	Regional Trail Network Route (through Open Space)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Local Trail Network Route (along Roads)*	Local Trail Network Route (along Roads)*	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Local Trail Network Route (along Roads)*	Local Trail Network Route (along Roads)*	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Regional Trail Network Route (along Roads)*	Regional Trail Network Route (along Roads)*	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Regional Trail Network Route (along Roads)*	Regional Trail Network Route (along Roads)*	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Local Stream Valley Trail Route**	Local Stream Valley Trail Route**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Local Stream Valley Trail Route**	Local Stream Valley Trail Route**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Regional Stream Valley Trail Route**	Regional Stream Valley Trail Route**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Regional Stream Valley Trail Route**	Regional Stream Valley Trail Route**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Local Urban Network Route (Reference Guidelines)**	Local Urban Network Route (Reference Guidelines)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Local Urban Network Route (Reference Guidelines)**	Local Urban Network Route (Reference Guidelines)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Applicable Special Area Plan / Standards / Guidelines**	Applicable Special Area Plan / Standards / Guidelines**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Applicable Special Area Plan / Standards / Guidelines**	Applicable Special Area Plan / Standards / Guidelines**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Regional Urban Network Route (Reference Guidelines)**	Regional Urban Network Route (Reference Guidelines)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Regional Urban Network Route (Reference Guidelines)**	Regional Urban Network Route (Reference Guidelines)**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
Applicable Special Area Plan / Standards / Guidelines**	Applicable Special Area Plan / Standards / Guidelines**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	Applicable Special Area Plan / Standards / Guidelines**	Applicable Special Area Plan / Standards / Guidelines**	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban
All Other Roads***	All Other Roads***	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban	All Other Roads***	All Other Roads***	10-12'	Asphalt	Enhanced Sidewalks, Streetlights, Landscaping	Urban, Suburban

## PLANNED NETWORK

- Enhanced Neighborhood Route
- Local Trail Network Route (through Open Space)\*\*
- Regional Trail Network Route (through Open Space)\*\*
- Local Trail Network Route (along Roads)\*
- Regional Trail Network Route (along Roads)\*
- Local Stream Valley Trail Route\*\*
- Regional Stream Valley Trail Route\*\*
- Local Urban Network Route (Reference Guidelines)\*\*
- Applicable Special Area Plan / Standards / Guidelines\*\*
- Regional Urban Network Route (Reference Guidelines)\*\*
- Applicable Special Area Plan / Standards / Guidelines\*\*
- All Other Roads\*\*\*

\*Reference Table 1 to determine preferred facility type and more details.  
\*\*Location is approximate, feasibility, facility type, alignment, width and surface type are to be determined at implementation.  
\*\*\*Option to enhance facilities as needed per Table 1.

## BASE FEATURES

- College or University
- VRE Station
- Metrorail Station
- Schools
- FCPA Park Entrances
- FCPA Trails
- Park land maintained by Fairfax County Park Authority\*
- Park land maintained by National Park Service\*
- Park land maintained by other agency (local municipality or NOVA Parks)\*
- Water

## LAND USE

- Urban Center, Transit Station Area\*
- Community Business Center, Suburban Center, Large Institutional Area\*
- Suburban Neighborhood\*
- Low Density Residential Areas
- Other Jurisdictions

\*See applicable Special Area plan for detailed recommendations.

Map Label	Special Planning Area
1	Tysons Urban Center
2	Centreville Suburban Center
3	Dulles (Route 28 Corridor) Suburban Center
4	Fairfax Center Suburban Center
5	Flint Hill Suburban Center
6	Lorton-South Route 1 Suburban Center
7	Merrifield Suburban Center
8	Annandale CBC
9	Baileys Crossroads CBC
10	Beacon/Groveton CBC
11	Hybla Valley/Gum Springs CBC
12	Kingstowne CBC
13	Lincolnia CBC
14	McLean CBC
15	North Gateway CBC
16	Penn Daw CBC
17	Seven Corners CBC
18	South County Center CBC
19	Springfield CBC
20	Woodlawn CBC
21	Dunn Loring TSA
22	Franconia-Springfield TSA
23	Herndon TSA
24	Huntington TSA
25	Innovation Center TSA
26	Reston Town Center TSA
27	Van Dorn TSA
28	Vienna TSA
29	West Falls Church TSA
30	Whehe-Reston East TSA
31	Beltway South Industrial Area
32	I-95 Corridor Industrial Area
33	Ravensworth Industrial Area
34	Fort Belvoir (Main Post and North Area)
35	George Mason University
36	Washington Dulles International Airport

Acronyms:  
AADT: Annual Average Daily Traffic  
PH: Pedestrian Hybrid Beacon  
RRB: Rectangular Roadway Beacon

Table 1 Notes:  
Note 1: Consider implementing an interim (striped) or permanent (concrete) median over the  
Note 2: The table is a simplified guide to Regional Trail Network Routes, provide an RTRP Multi-Use Trail Designed to County Standards in Low Density Residential areas as a RTRP Multi-Use Trail Designed for Fast Travel Speeds in Suburban Neighborhood and Industrial Areas, a RTRP Urban Trail in Suburban Center, Community Business Center and Large Institutional Areas, or a RTRP Street Two-Way Cyclistways in Urban Center and Transit Station Areas as a RTRP Urban Trail in constrained conditions.

Note 3: A two-way bicycle facility should be considered where high demand for two-way bicycle traffic on one or both sides of the road is to be expected in constrained conditions, a two-way off-street cyclistway with sidewalks can be replaced by a RTRP Urban Trail or a RTRP Urban Trail on both sides of the road if the road is not feasible.  
Note 4: Subject to VDOT approval, Enabling Legislation needed  
Note 5: Where there is no pedestrian facility or responsibility and on one or both sides of the street that there is no responsibility for pedestrian facilities or pedestrian-oriented land uses, crosswalks should also be marked.  
Note 6: Consider use of sensory lane strips or situations in the center.  
Note 7: Active transportation accommodations may differ on each side of the road to serve the greatest variety of users, needs and preferences. When using a recommended facility should be located on depends on adjacent land use, network function, existing infrastructure and other site specific factors.

