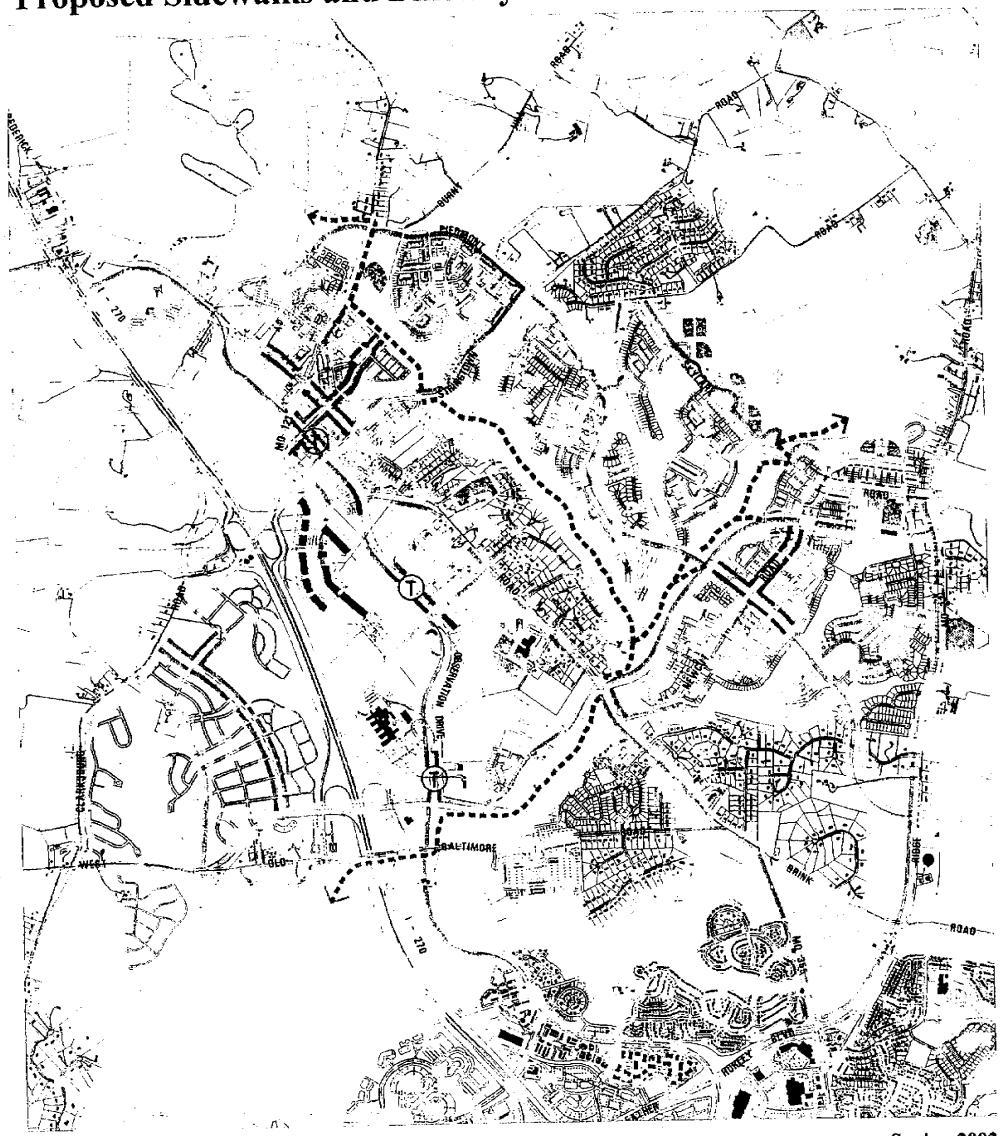
Proposed Sidewalks and Bikeways



Objectives

- Create a network of sidewalks and bikeways which provide convenient access to neighborhood centers, parks, schools and transit stations.
- Identify areas within mixed use centers that should receive special paving, will complement commercial activity and provide enjoyment and comfort.

Guidelines

- Sidewalks within mixed use centers should be a minimum of 15 feet or greater in width from the curb to the building line in order accommodate the higher level of pedestrian activity.
- Sidewalks within employment and higher density residential areas should be a minimum of 6 feet to comfortably accommodate pedestrian activity.
- Sidewalks within single family detached residential neighborhoods should be 4 to 5 feet in width.
- Bikeways should be a maximum of 8 feet in width in order to minimize the amount of pavement within the Special Protection Area.
- Bikeways should be paved in asphalt except in dismount areas such as mixed use centers and transit stops.
- Sidewalks should be concrete except where special paving is recommended within mixed use centers.
- Special paving such as brick should be used consistently within a mixed use center to avoid a patchwork of different pavers.
- Final Greenway Trail alignment to be determined in the field at time of site plan.

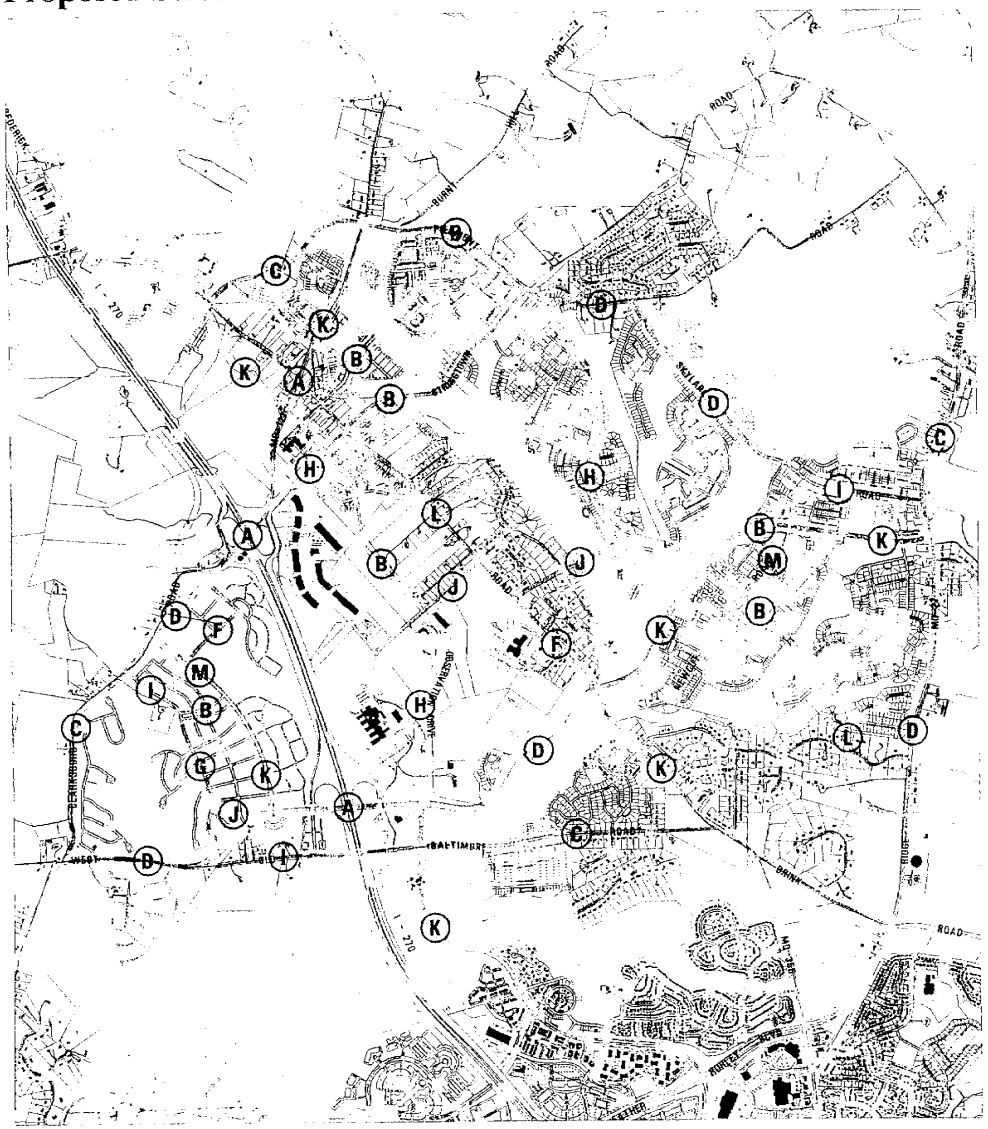
Legend

- Special paving sidwalks
- Bikeways
- Greenways
- Transit stations

Clarksburg Streetscape Plan **Spring 2002**

ATTACHMENT 14

Proposed Street Tree Plan



Clarksburg Streetscape Plan

Spring 2002

Objectives

- Achieve leafy, tree lined streets for community enjoyment and character.
- Increase the amount of shade on the pavement to cool water run off for environmental benefits.
- Seperate pedestrians from moving traffic.
- Complement the existing and emerging character of Clarksburg.
- Achieve horticultural diversity of species throughout the street network.

Legend

- (A) Ulmus Americana 'Valley Forge' (American Elm)
- (B) Platanus acerifolia 'Bloodgood' (London Plane Tree)
- (C) Acer rubrum 'Autumn Flame' (Autumn Flame Red Maple)
- (D) Acer rubrum 'October Glory' (October Glory Red Maple)
- (E) Acer rubrum 'Red Sunset' (Red Sunset Maple)
- (F) Zelkova serrata 'Village Green' (Village Green Zelkova)
- (G) Sophora japonica (Pagoda Tree)
- (H) Fraxinus p. lanceolata (Marshall's Seedless Ash)
- (I) Quercus shumardi (Shumard Oak)
- (J) Ulmus parviflora (Lacebark Elm)
- (K) Quercus rubrum (Red Oak)
- (L) Quercus phellos (Willow Oak)
- (M) Tilia cordata 'Greenspire'

Guidelines

- Plant a single tree species along each street in order to achieve a unified apperance.
- Vary species from block to block for diversity. Avoid mixing species along within a block.
- Specify tall growing, deciduous shade trees to achieve a canopy that avoids conflicts with truck traffic and maintains clear views of adjacent shops and businesses.
- Plant a minimum of 3" caliper within mixed use centers where higher canopies are needed to achieve vertical clearance.
- Use an amended soil panel in cut out pavement area within mixed use centers in order to increase the volume of soil for healthy root development.
- Do not use tree grates that increase maintenance problems and can gridle the tree trunk over time.
- Provide (2) 4" vertical perforated, PVC pipes on either side of the root ball for tree watering within mixed use center.
- Provide a drain pipe connection to public storm drain system if soils do not drain adequately. Poor drainage is the number one cause of street tree decline and death.
- Do not wire the trees for seasonal lighting.