

Open Space and Streets

URBAN DEVELOPMENT AND PLACEMAKING

Fairfax County Planning Commission





Placemaking:

Introduction:

1. Open Space - Accessible, Safe and Open for All:

- Network of Open Spaces
- Larger Public and Private Spaces for Public Use
- Smaller Private Spaces for Public Use

2. Streets and Pathways - Safe, Inclusive and Complete:

- Safe Intersections
- Arterial Streets
- Local Streets
- Creating an Urban Forest
- Neighborhood Lighting

1. Open Spaces:

- Accessible
- Safe
- Open for All



Open Space - Network of Open Spaces

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**Variety of
Connected Open
Spaces:**

Linear Park Spaces

Recreational Trail Loop

Park Types

- Civic Plaza
- Common Green
- Pocket Park
- Quasi-Public
- Recreation-Focused
- Resource-Based
- Metro Green Artery



Open Space - Larger Public and Private Spaces for Public Use

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Mosaic Green Civic Square



Boro Park, Tysons



Reston Town Center



Open Space - Smaller Private Spaces for Public Use

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2. Streets:

- Safe
- Inclusive
- Complete



Streets – Safe, Inclusive and Complete Streets

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STREET ORIENTED ACCESS

Create a sense of arrival and hierarchy with architectural features and paving

BIORETENTION

Performs stormwater management, integrated seating, and green space within parcel

TREE CANOPY

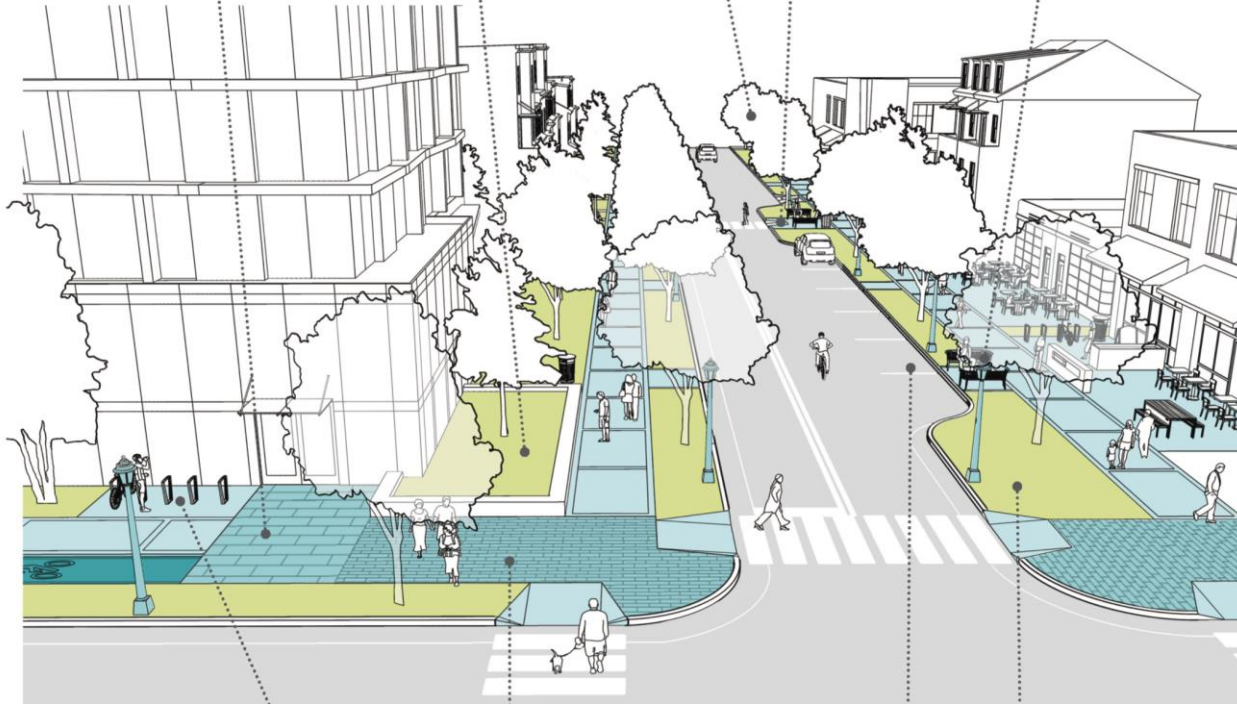
Provide a row of trees along sidewalk and roadways within the tree strip

CROSSING

Provide mid-block crossing opportunities to maximize pedestrian access

STREET LIGHT

Provide lighting for roadways and the public realm



Streets Designed as Places:

Safe intersections: Double ramps aligned with the sidewalks at each corner

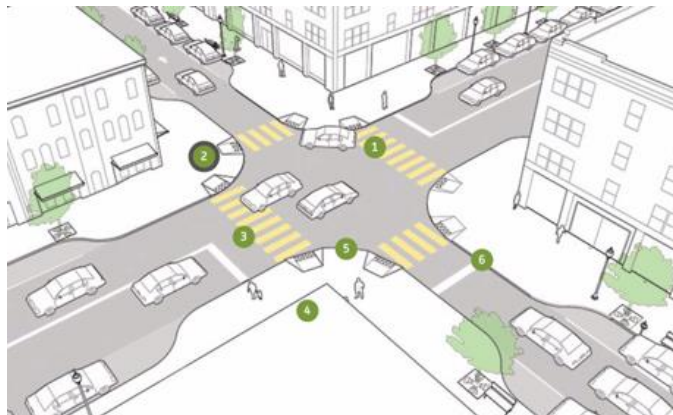
- Protected refuge area for pedestrians crossing streets
- Vehicle stop bars located away from crosswalks

Reduced width travel lanes:

- 10-11 feet wide travel lanes
- Limited use of turn lanes

Sidewalks areas:

- Street furniture
- Connects the open space network
- Designed as Linear open space



Streets - Planning an Urban Forest

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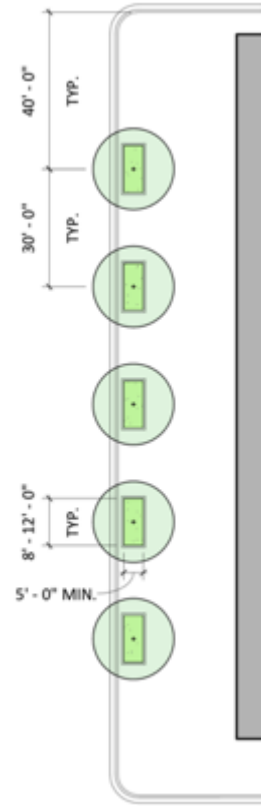
Planning an Urban Forest



		Height	Spread	Type Tree	Tolerance	Native	SWM
●	Acer rubrum	Red Maple	40-60'	40-60'	Large	x	
●	Acer saccharum	Sugar Maple	40-80'	30-60'	Large	x	
●	Gleditsia tricanthos var. inermis	Honey Locust	60-80'	60-80'	Large	D, AP	x
●	Quercus bicolor	Swamp White Oak	40-60'	50-60'	Large	D, S	x
●	Quercus acutissima	Sawtooth Oak	40-60'	40-60'	Large	D	x
●	Quercus palustris	Pin Oak	65-70'	25-40'	Large	D, AP	x
●	Quercus phellos	Willow Oak	40-60'	30-40'	Large	AP, S	x
●	Quercus rubra	Red Oak	60-75'	60-75'	Large	D, AP, S	x
●	Tilia cordata	Little Leaf Linden	60-80'	30-50'	Large	AP, S	
●	Ulmus parvifolia	Bosque Elm	40-50'	25-40'	Large	D, AP	x
●	Ulmus americana	American Elm	60-90'	45-70'	Large	D, S, AP	x
●	Cercis canadensis	Red Bud	20-30'	25-35'	Small	D, AP	x

Tolerance	
D- Drought	S- Salt
AP- Air Pollution	

Wildlife Cover	●●●●●●●●●●	Seasonal Food For Birds	●●●●●●●●●●
Food For Mammals	●●●●●●●●●●	Food for Breeding Birds	●●●●●●●●●●
Food For Caterpillars	●●●●●●●●●●	Bird Nesting Site	●●●●●●●●●●
Carbon Sequestration	●●●●●●●●●●	Pollen or Nectar	●●●●●●●●●●



Streets - Street Lighting for Active Places

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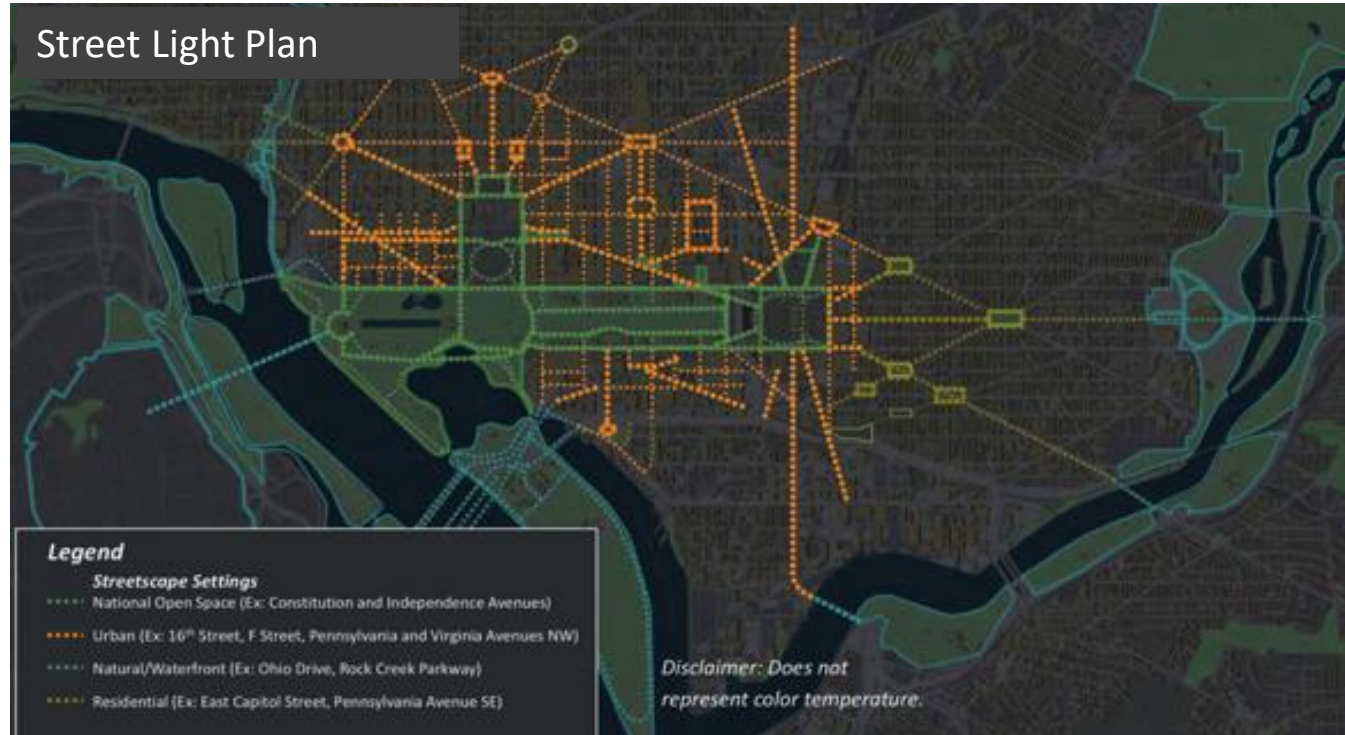


Lighting: Lower, Pedestrian Oriented Lights:

- Plans streetlights in the TSA areas and Activity Centers
- Locate street lights 60 on-center and 15' high maximum
- Locate lights near intersections to light pedestrian crosswalks
- Consider eliminating the use of tall concrete or metal poles with “cobrahead” lighting within the TSAs and Activity Centers
- Provide flexibility to use pedestrian oriented lighting 15' high for all new local streets (public and private)
- Use smart lighting technology
- Maintain light Levels at 0.8-1.0 foot-candles



Street Light Plan



Legend

Streetscape Settings

- National Open Space (Ex: Constitution and Independence Avenues)
- Urban (Ex: 16th Street, F Street, Pennsylvania and Virginia Avenues NW)
- Natural/Waterfront (Ex: Ohio Drive, Rock Creek Parkway)
- Residential (Ex: East Capitol Street, Pennsylvania Avenue SE)

Disclaimer: Does not
represent color temperature.