

TYSONS CORNER BICYCLE MASTER PLAN

FAIRFAX COUNTY PLANNING
COMMISSION, TRANSPORTATION
COMMITTEE

November 3, 2010

PROJECT OVERVIEW



Key Project Elements and Outcomes

- Public input
- Stakeholder engagement
- Bicycle network plan
- Phased implementation plan
- Policy and program recommendations



PUBLIC OUTREACH



- Bicycle Advisory Committee (3 of 6 completed)
- Public meetings (1 of 2 completed)
- *Community Walk* website (closes 11/12)
- Stakeholder interviews (ongoing)
- Coordination with standing committees
 - TMSAMS (2 of 2 completed)
 - Fairfax TAC (11/16)
 - Fairfax Trails & Sidewalks Com (10/13)
 - Bike tour (10/22)
- Planning Commission Transportation Committee (Tonight!)



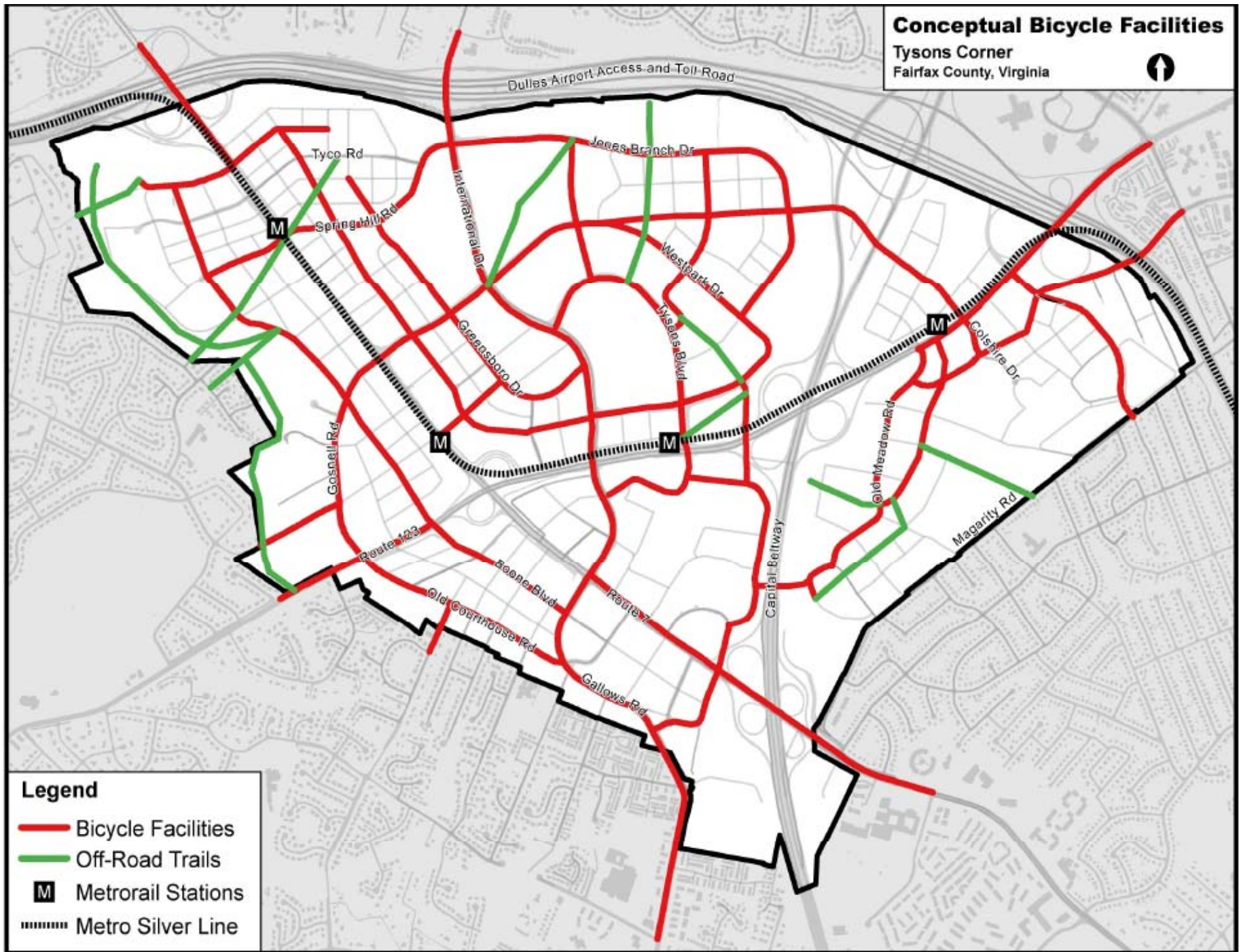
PLAN GOALS



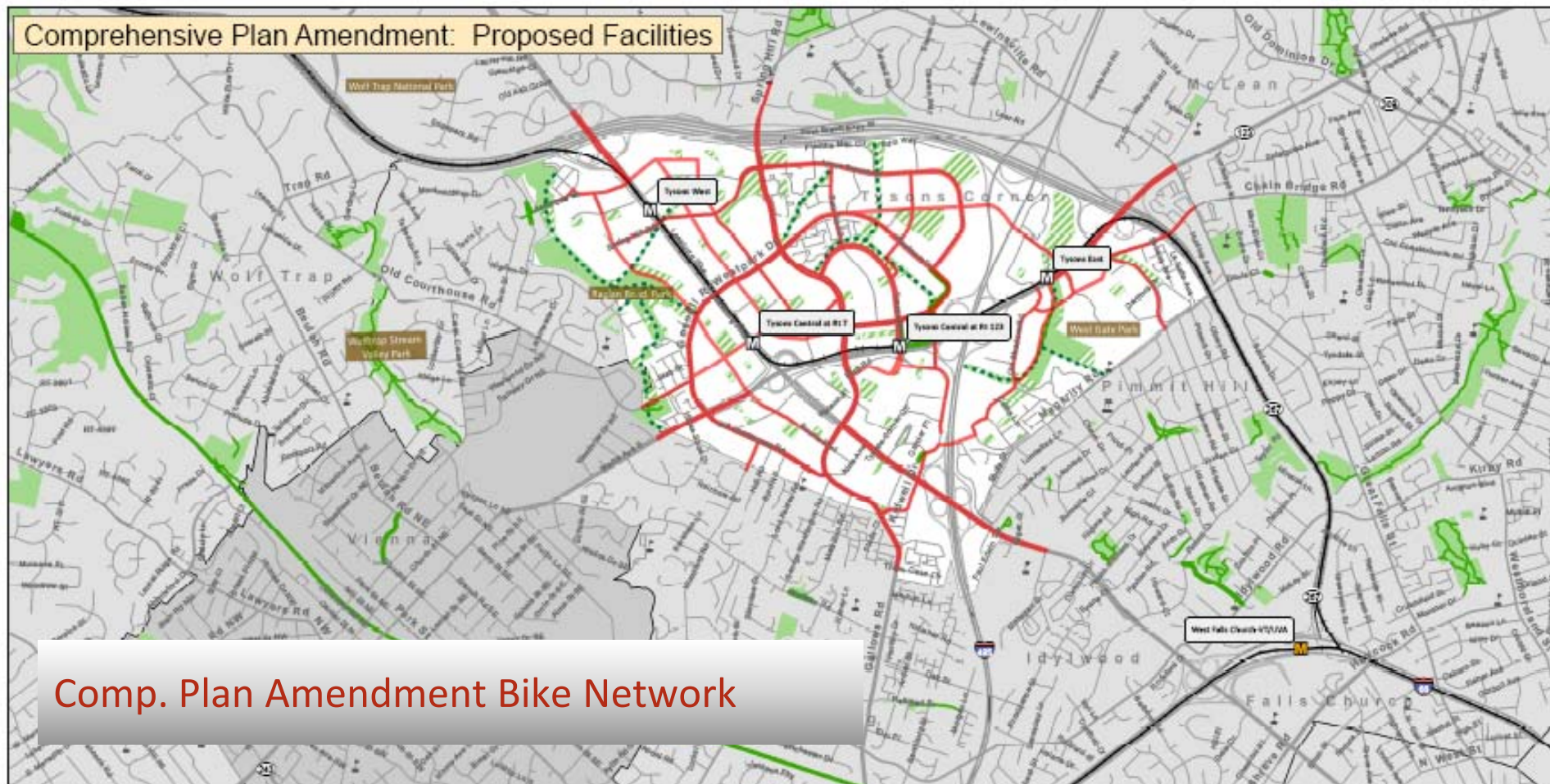
GOALS	SPECIFIC ELEMENTS
Fully integrate bike improvements into the planning and development process in Tysons Corner	Silver Line, road improvements, private sector development, phasing strategies, etc.
Improve bicycle safety, access and connectivity to, from, through and within Tysons Corner	On and off-road improvements, wayfinding and signage, intersections, access ramps, multi-modal and intermodal services, connections to schools/parks/regional destinations, etc.
Foster the development of a bike culture in Tysons Corner	Education and encouragement programs, public-private partnerships, recreational cycling, TDM, etc.
Make bicycling a viable transportation choice for cyclists – young and old, novice and experienced, occasional and regular.	On and off-road facilities, support facilities such as bike parking and commuter showers, etc.

Conceptual Bicycle Facilities

Tysons Corner
Fairfax County, Virginia



Comprehensive Plan Amendment: Proposed Facilities



Comp. Plan Amendment Bike Network

Legend

- Metrorail Station
- Proposed Bike Facilities
- Metrorail
- Existing Paved Trail
- Planned Park Trail
- Existing Park
- Planned Park
- School

0 0.3 0.6 1.2 Miles

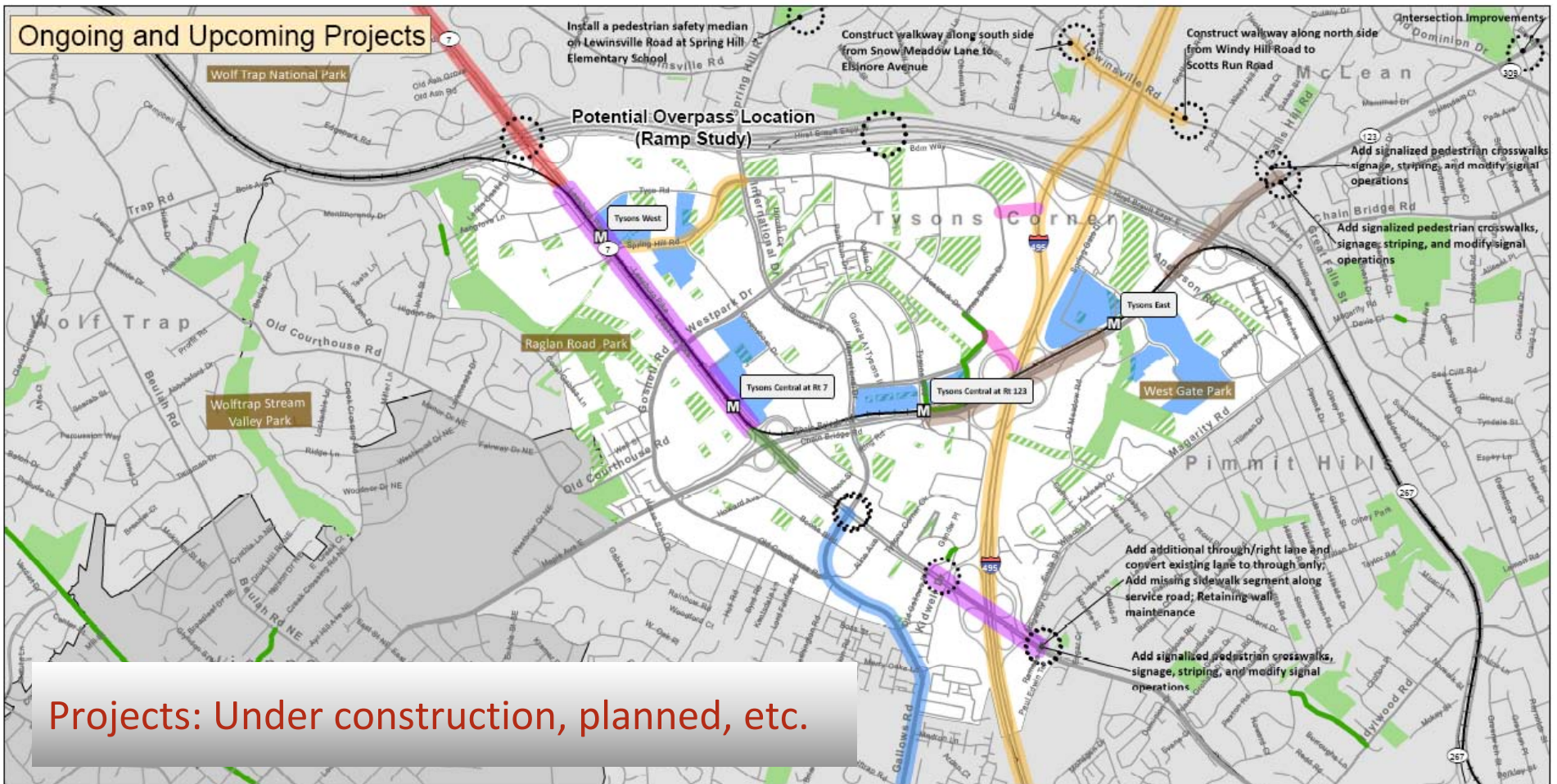


Tysons Corner Bicycle Master Plan

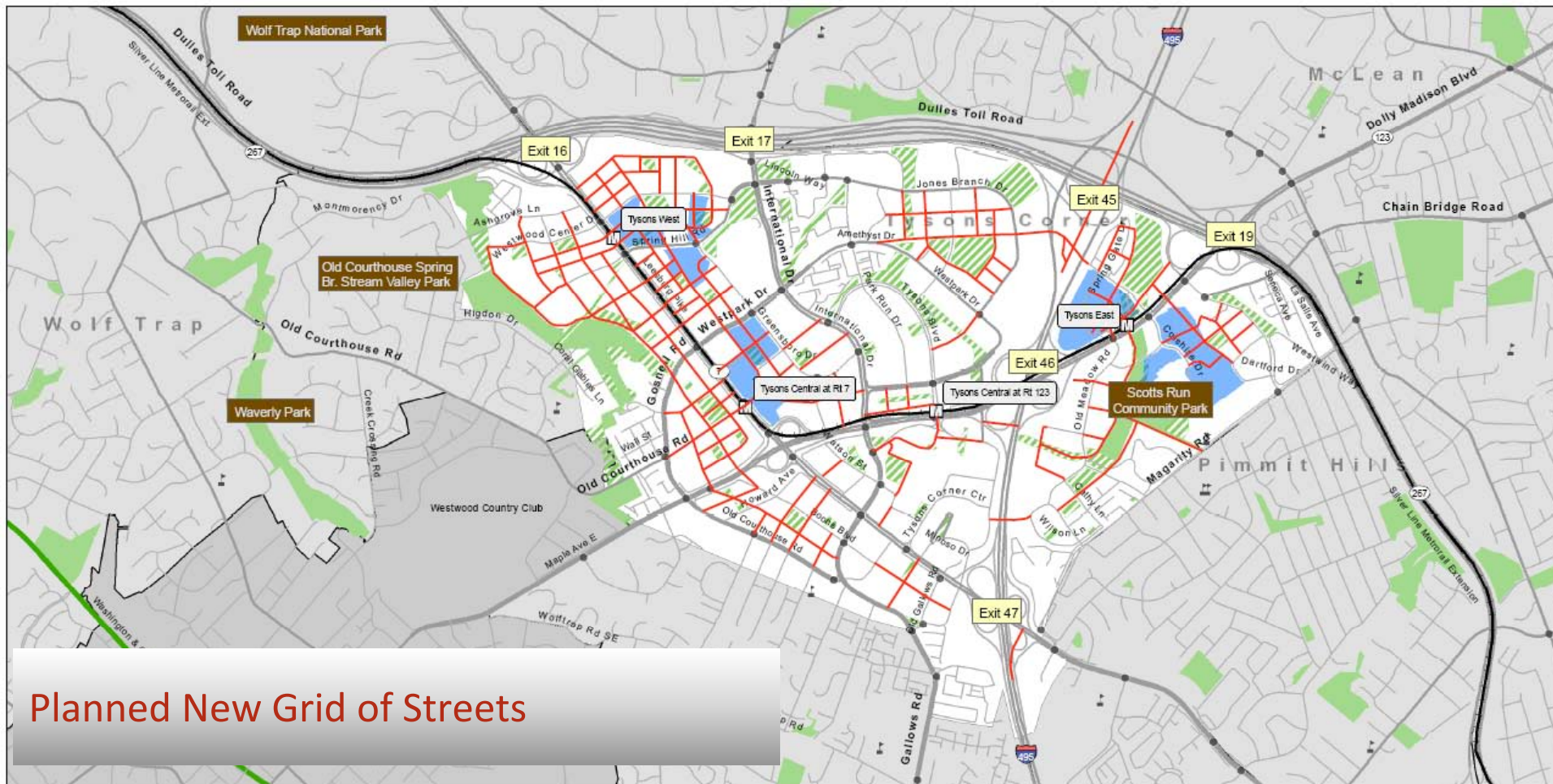
September 2010

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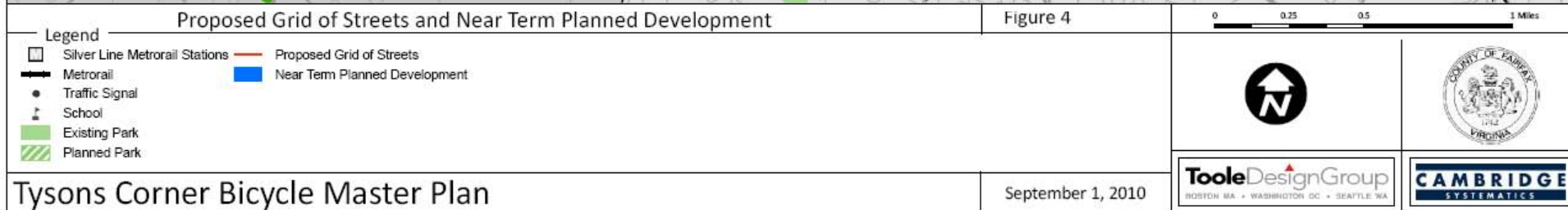
CAMBRIDGE
SYSTEMATICS



<p>Tysons Corner Bicycle Master Plan</p>		<p>September 2010</p>	
<p>Legend</p> <ul style="list-style-type: none"> Metrorail Station Spot Project Metrorail Existing Park Near Term Planned Development Planned Park Capital Projects <ul style="list-style-type: none"> HOT Lanes - Under Construction Sidepath - To Be Determined Under Construction Sidepath - Planned Blue Lanes Wide Road - Under Construction Wide Road - Planned 		<p>0 0.2 0.4 0.8 Miles</p> <p></p> <p></p> <p>TooleDesignGroup BOSTON MA • WASHINGTON DC • SEATTLE WA</p> <p>CAMBRIDGE SYSTEMATICS</p>	



Planned New Grid of Streets



Transit Network



Transit Network

Legend

-  Metrorail Station
-  Metrobus Stop
-  Metrobus Route

0 0.3 0.6 1.2 Miles



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CAMBRIDGE
SYSTEMATICS

Tysons Corner Bicycle Master Plan

September 2010

KEY ISSUES



Key Issues

How to get cyclists through interchanges or across the Beltway and Dulles Toll Road.

Establishing and signing bike routes in and out of Tysons, through Tysons and within Tysons.

Creating access routes to Metro that are direct, time efficient and attractive to less-experienced cyclists.

Access to Metro for residents within and outside of Tysons; Using the Bike for egress to office jobs.

Discontinuity of bike facilities that results from a process that changes roadways 1,2 or 3 developments at a time.

Serving student and staff trips to and from Middle and High Schools.



PLANNING TOOLBOX



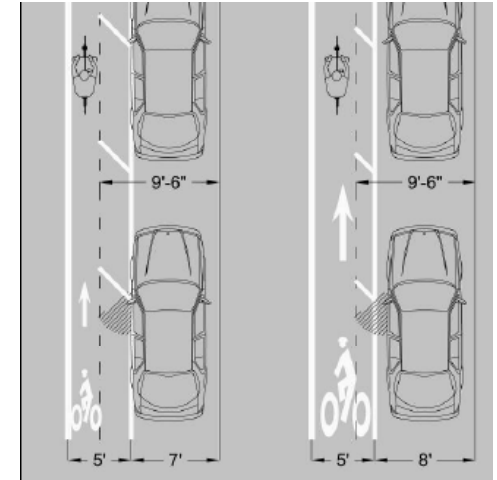
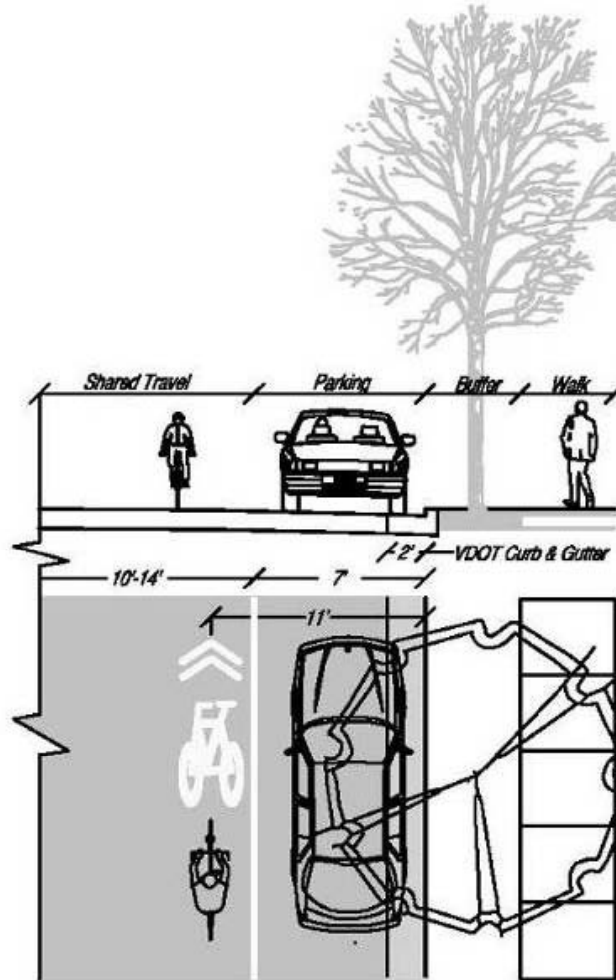
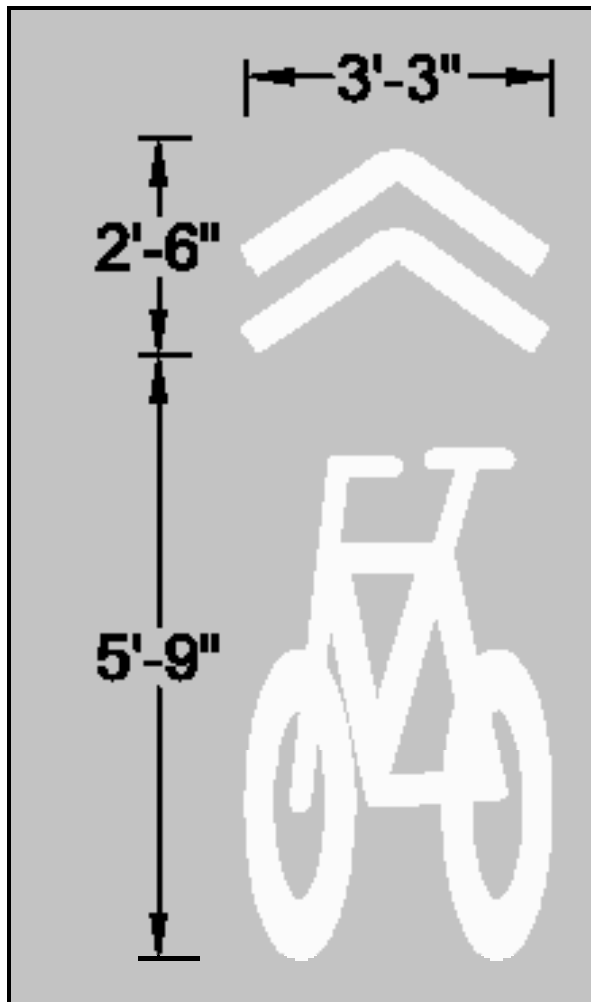
Shared Roadways



Striped/Paved Shoulders



SHARED LANE MARKINGS



PLANNING TOOLBOX



Bicycle Lanes



Climbing Lanes



BUFFERED BIKE LANE



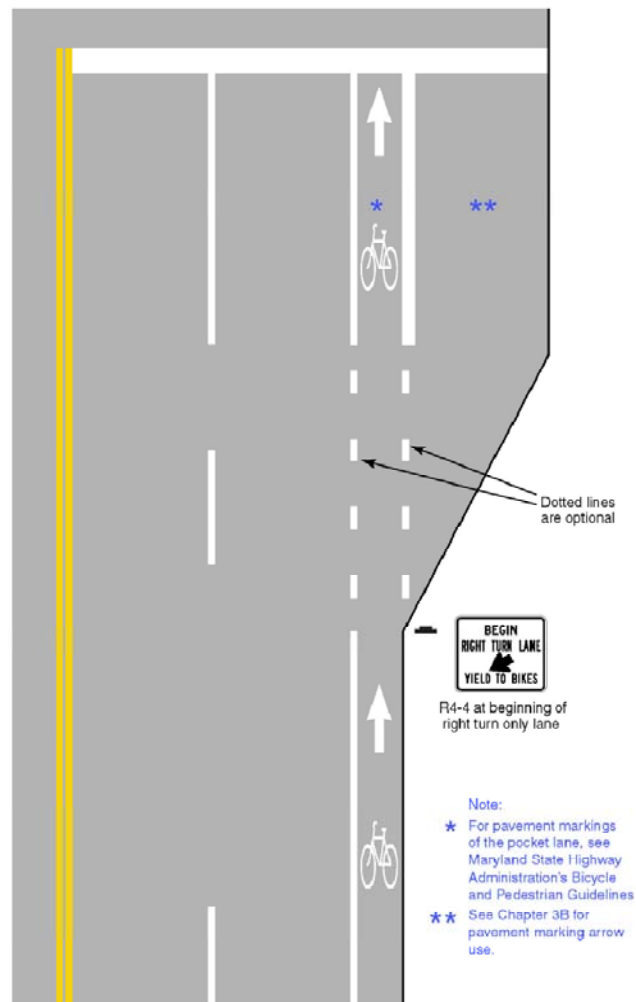
SIDE PATH



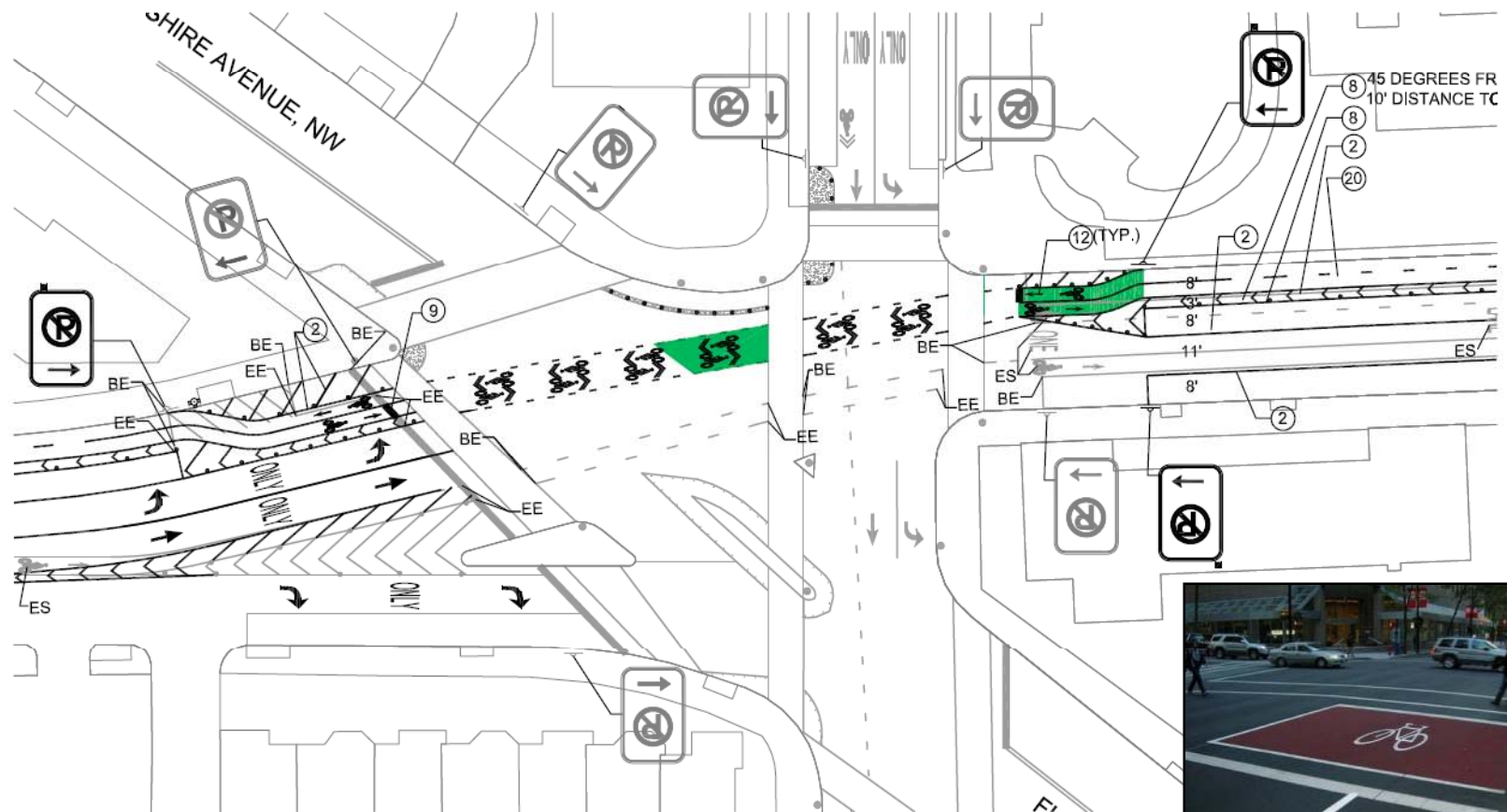
CYCLE TRACK



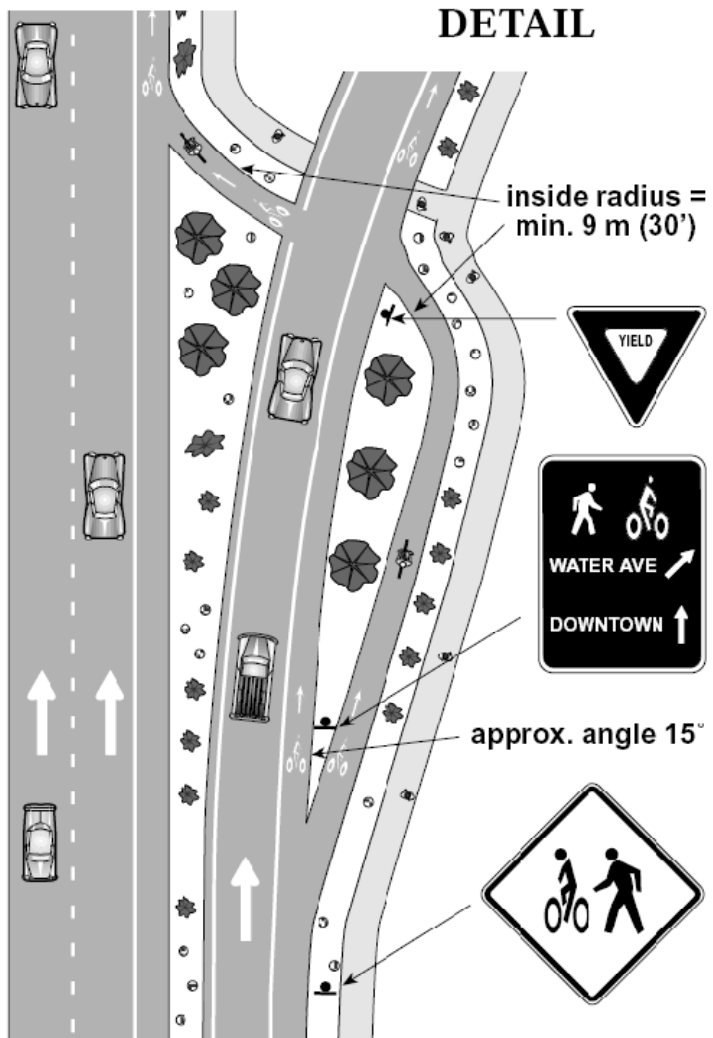
INTERSECTION DESIGN



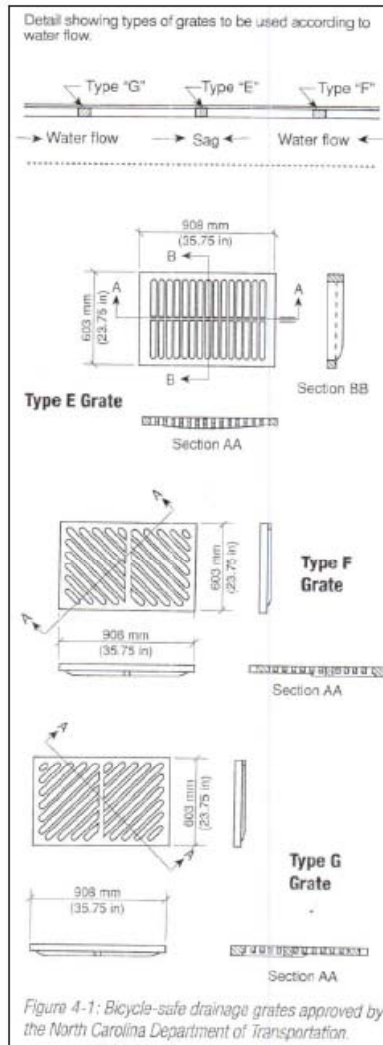
INTERSECTION DESIGN



INTERCHANGE CROSSING DESIGN

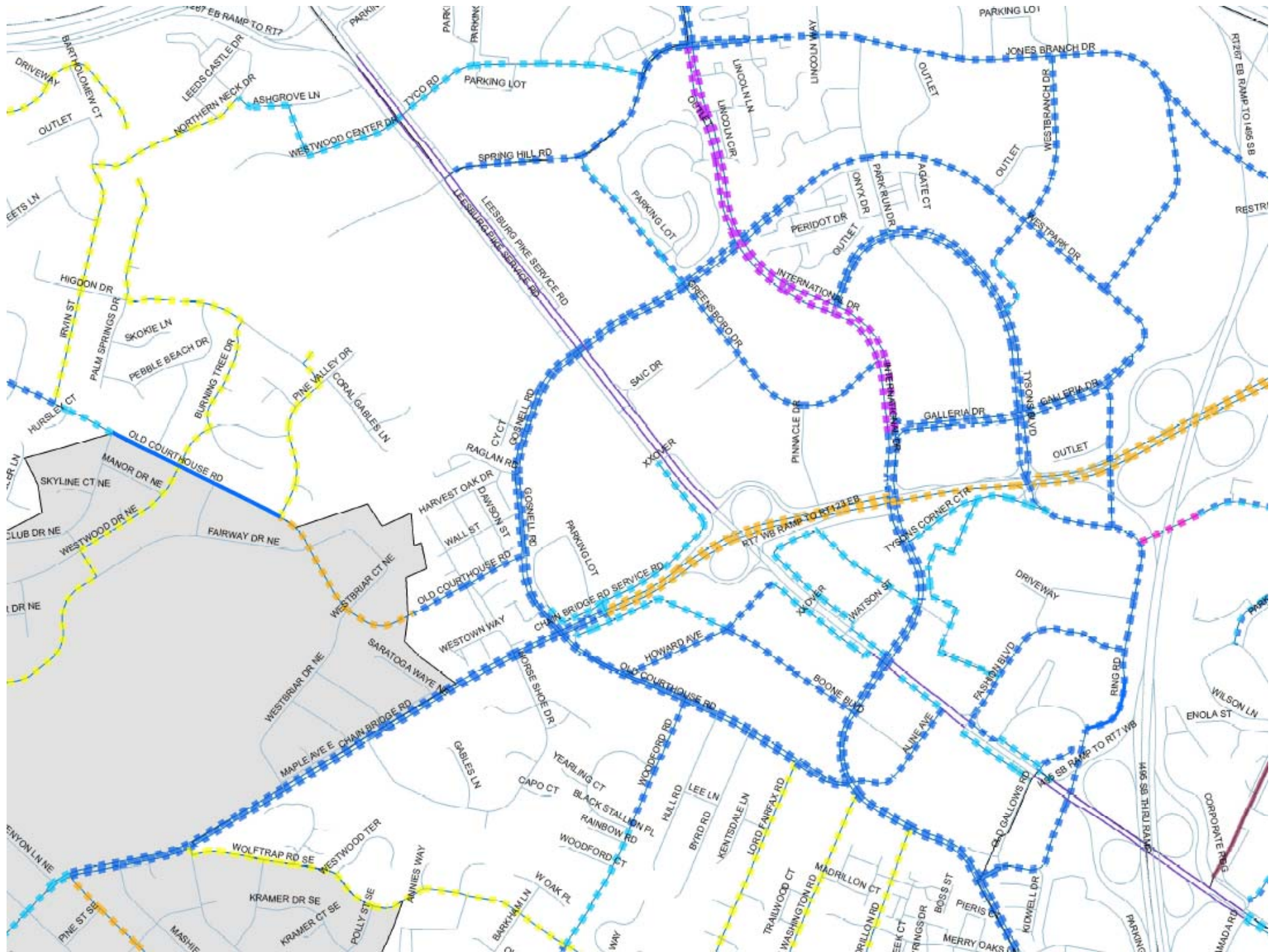


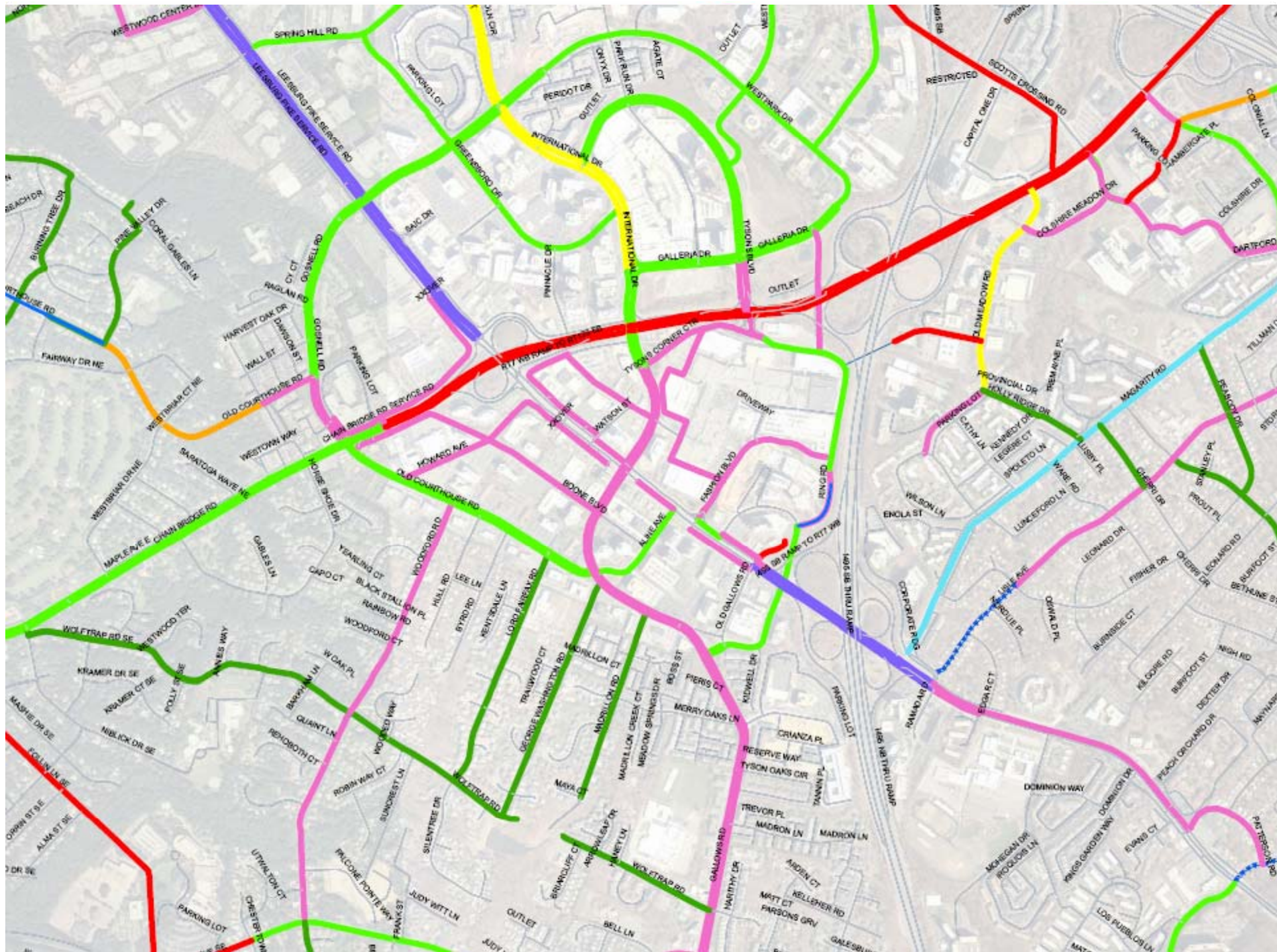
OTHER CONSIDERATIONS



BIKE PARKING







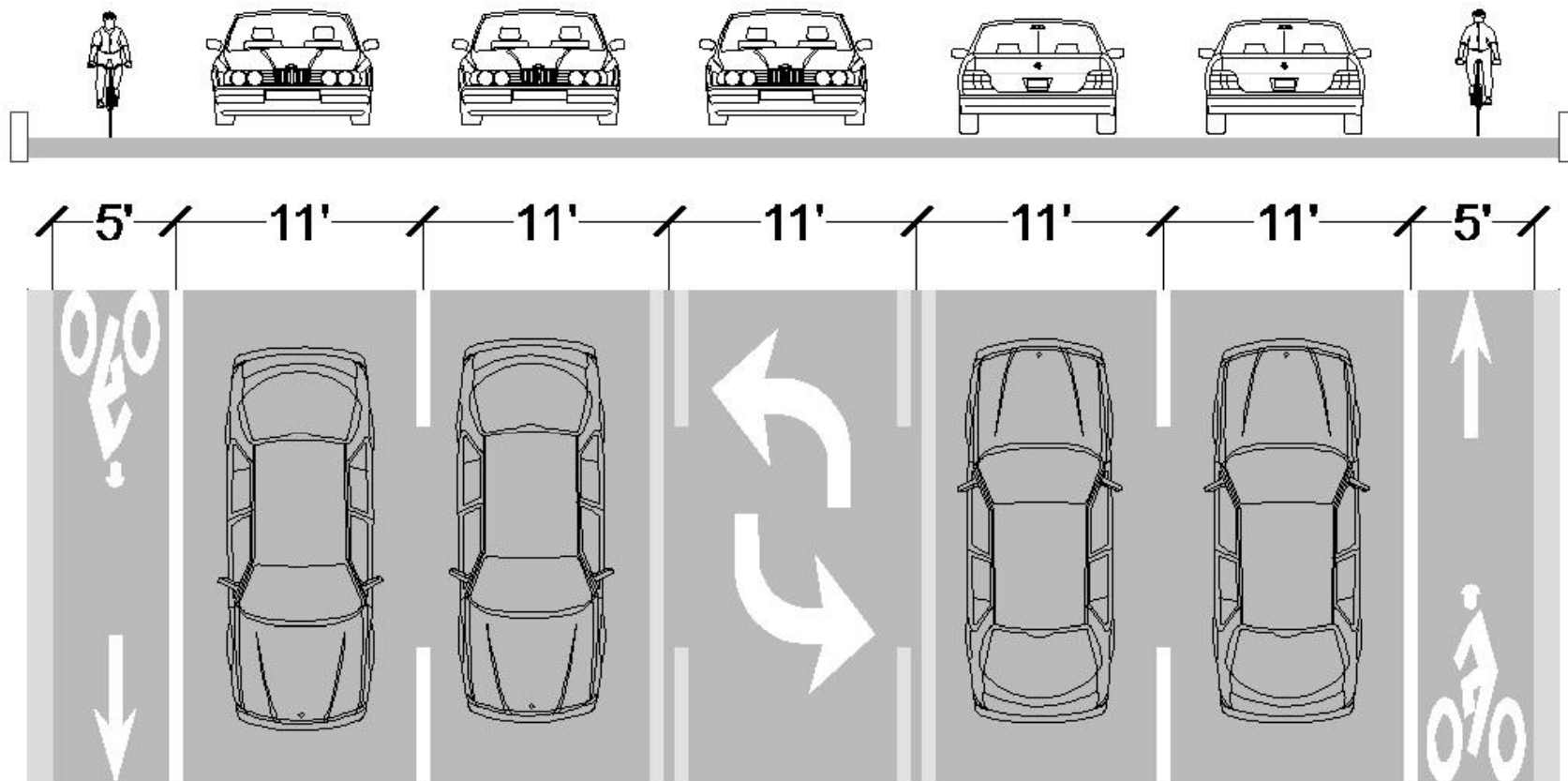
ORGANIZING ELEMENTS



- Existing Roads
 - Lane diets
 - Road diets
- Big Corridors
 - Cycle tracks
- Silver Line Stations
 - Access to/parking at station
 - Bike sheds and routes
- Policies and Programs
- Implementation



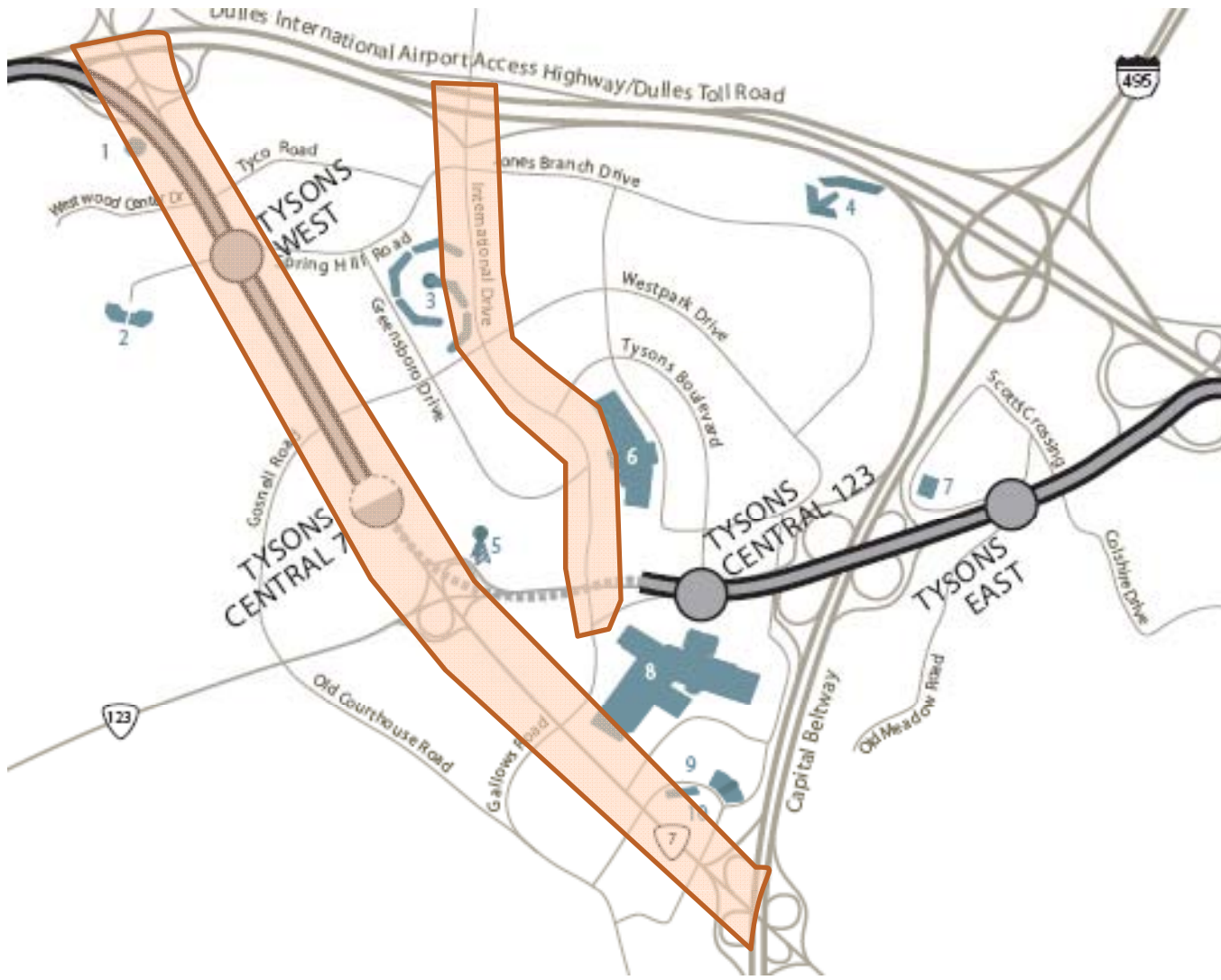
LANE DIET



ROAD DIET



BIG CORRIDORS

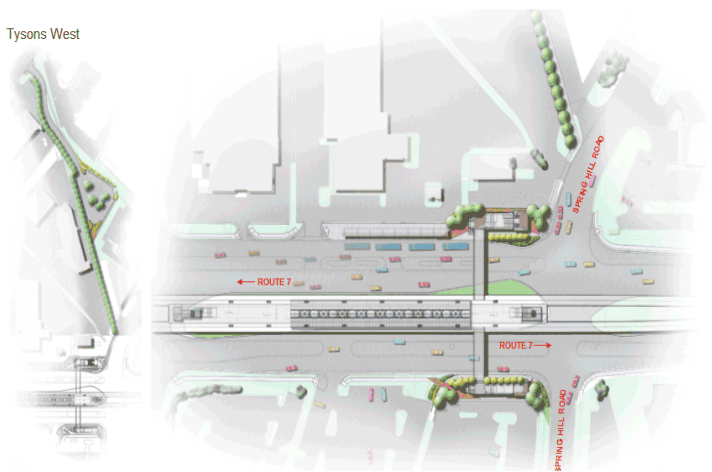




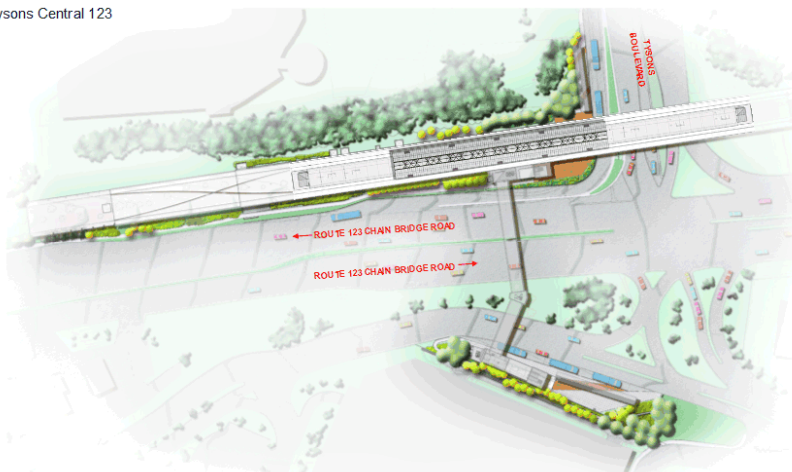
SILVER LINE STATIONS



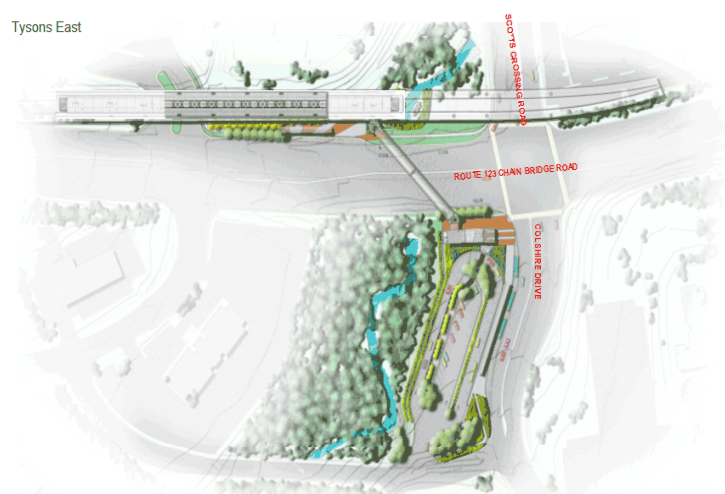
Tysons West



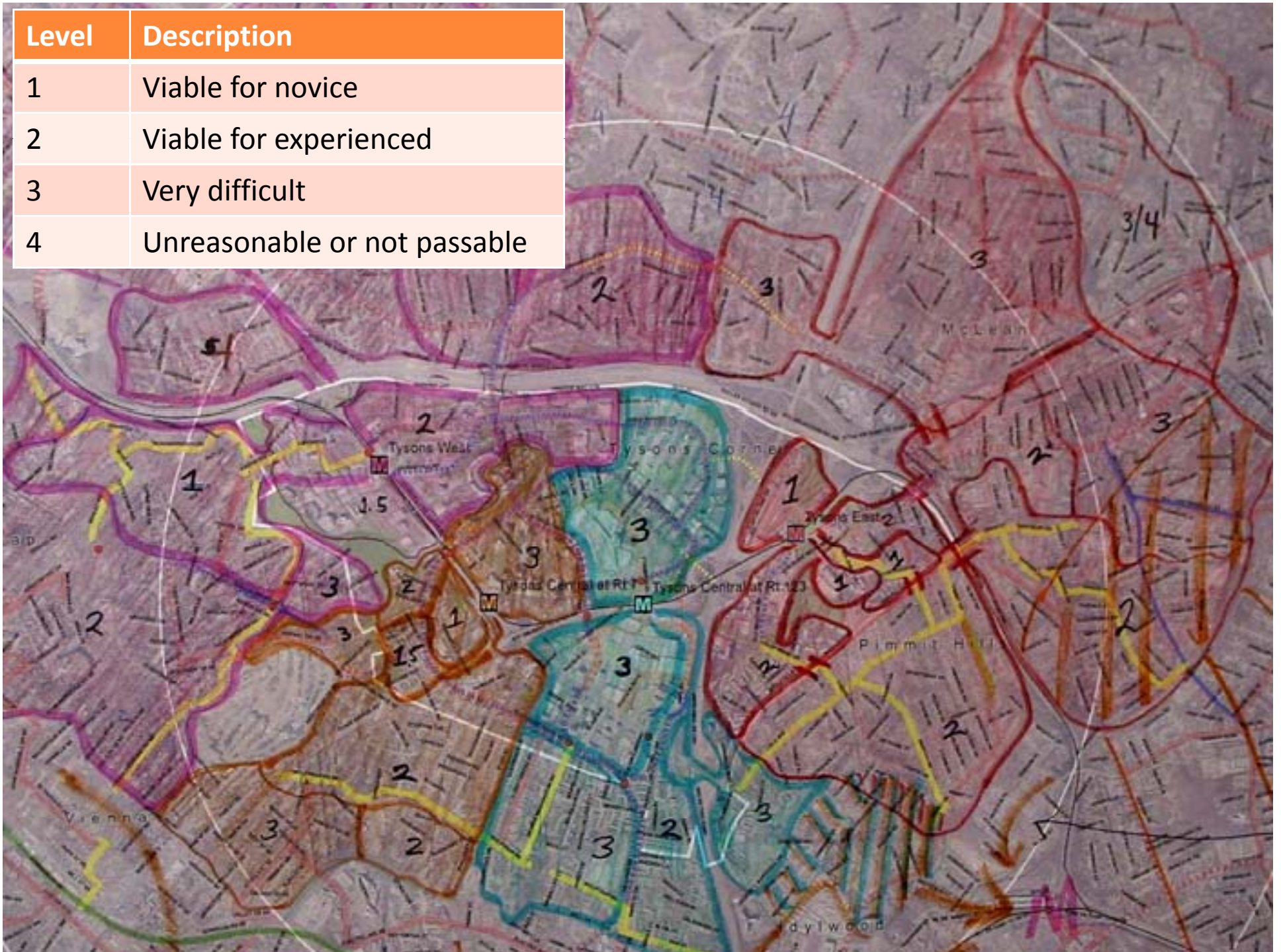
Tysons Central 123



Tysons East



Level	Description
1	Viable for novice
2	Viable for experienced
3	Very difficult
4	Unreasonable or not passable



POLICIES AND PROGRAMS



- Bike to lunch program
- Bike ambassadors program
- Tysons Corner bike commuter jersey/helmet/vest
- Education/awareness campaign for planned bike facilities
- Safe Routes to School programs



POLICIES AND PROGRAMS



- Bike plan recommendations included on the proffer list
- Marketing campaign built around the “time” concept
- Integration into the Capital BikeShare program



PHASING AND IMPLEMENTATION



PHASING	TIMEFRAME
Underway	2011-2013
Near Term	2012-2016
Medium Term	2015-2020
Medium to Long-Term	2020-2030

Note: Vienna projects will be categorized separately

NEXT STEPS



- Analysis of *Community Walk* results (closes 11/12)
- TAC meeting (11/16)
- BAC meeting (11/17)
- Plan development (ongoing)
- Public meeting #2 (Jan. 2011)



COMMUNITY WALK



Tysons Corner Bicycle Master Plan - CommunityWalk - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.communitywalk.com/tysons_corner/va/tysons_corner_bicycle_master_plan/map/648167

Most Visited Google Transfer Balances Access to Metro Ques... Next

CommunityWalk

Build This Map

Map Settings

Share / Export

My Maps About Contact Logout

Tools: Add Marker Start a Path Bulk Edit Save Default View

Print

Tysons Corner Bicycle Master Plan Tysons Corner, VA

Welcome! This interactive map is provided by Fairfax County as a way to gather comments from the public about bicycling conditions in Tysons Corner. We are looking for information about streets and routes that you use, routes you believe are bicycle-friendly, or un-friendly, and areas where you think improvements are needed. The comments will be gathered and used in the planning process that is underway to develop a Bicycle Master Plan for Tysons Corner.

Here is how you can participate:

1) You can place a marker (point) on the map, assign it to a category, and

Hide Description

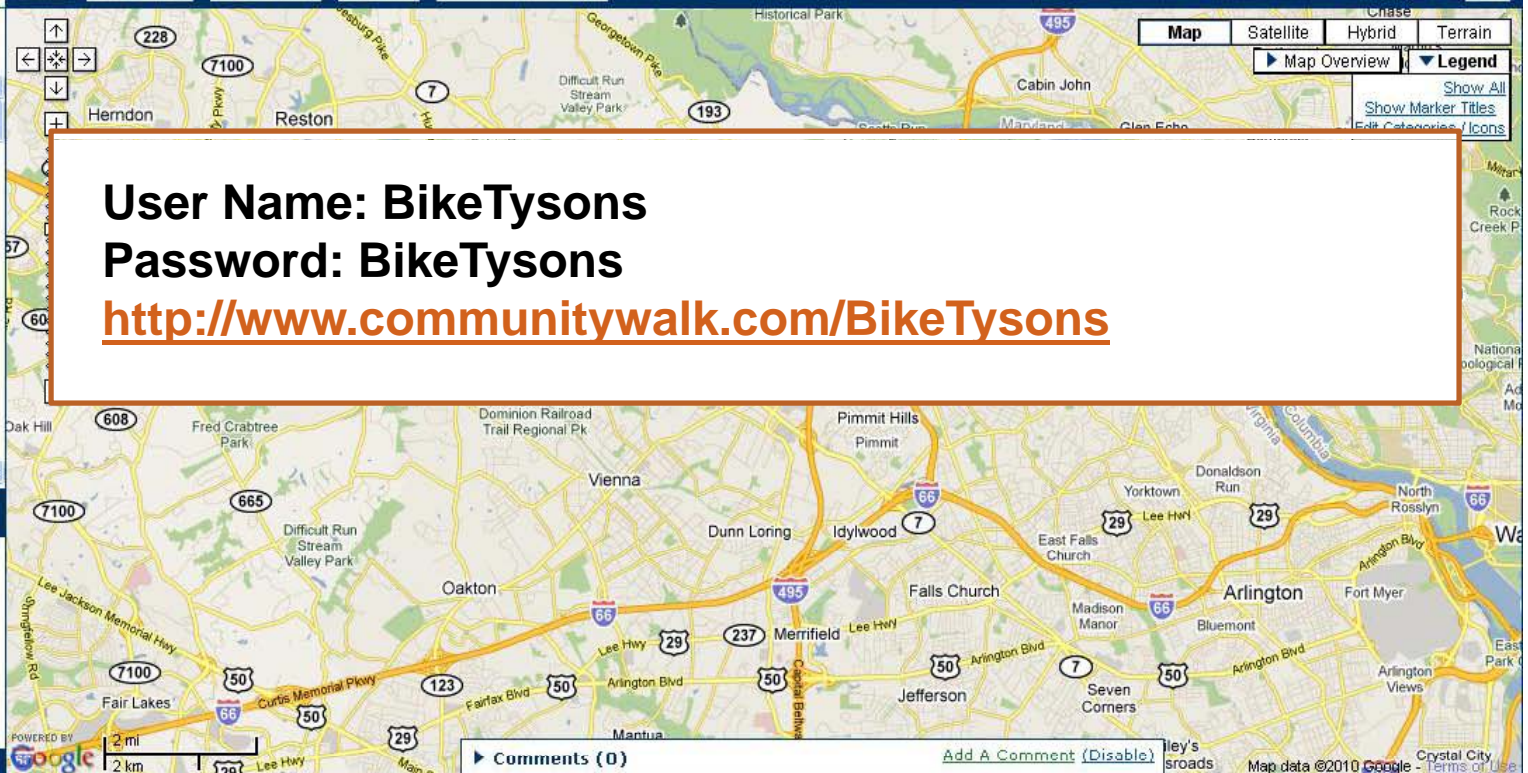
Categorized Markers

No markers yet.



Click here to add your first marker to the map!

view locations on separate page



Done

start 2 Microsoft Office... (0 unread) Yahoo! ... Tysons Corner Bicy... September 8 Document1 - Micro... Microsoft PowerPoint... 4 Adobe Acrobat ... 10:31 AM

TYSONS CORNER BICYCLE MASTER PLAN

DISCUSSION QUESTIONS



Questions

Where should new overpasses be located? How can they be funded?

How to change intersection design and how to implement changes?

How can a bus circulator system enhance or supplement the potential for use of the bicycle as a major metro access mode? *

How can the approach to trail development be modified to ensure that paved trails serve both transportation and recreational needs?

* Note: Revised per feedback received at the meeting.

QUESTIONS



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