

DRAFT - JUNE 13, 2012

Fairfax County Bicycle Transportation Plan - Bicycle Advisory Committee

Potential Improvement Projects

Braddock District

Bicycle Projects

Key:

Also identified by consultants

Shared jurisdictional boundary

Location	Project Description
Bike Route Signage	Sign bike routes districtwide
Wakefield Chapel Rd	Extend on-road bike lanes from Pulley Ct to Nova CC Campus
Annandale/CCT Connector Trail	Construct trail connection from Lake Blvd service Dr to CCT
Braddock Rd	Lane Diet and bike shoulders: Route 123 to I-495
McWhorter Pl Bike Connection	Construct short segment of connecting trails between cul de sacs
Enhance bicycle parking districtwide	Install bike racks and lockers (public locations as needed)
CCT – Pavement Upgrades	Upgrade segments of CCT for commuter bicycles
Burke VRE Connector Phase IV	Construct Trail west from the VRE to Oak Leather/Lake Barton
GMU-City-Vienne Metro bike route	Brand and sign route between GMU and Vienne Metro
Others TBD from FCBMP	
Lake Braddock Rd Road Diet	Add on-road bike lanes from Burke Rd to Rolling Rd

Draft Plan - Key Recommendations

Location	Project Description
Guinea Road	Bike Lanes
Wakefield Park to W&OD	Bike lanes
Old Keene Mill Road	Bike lanes in the shoulder

Dranesville District

Spot Improvement Projects

Location	Project Description
Georgetown Pike and Rte. 123	Add EB right turn lane on Georgetown Pike
Rte. 7 and Pimmit Drive	Extend NB right turn lane on Rte. 7 and reconfigure NB right turn lane
Rte. 123/Lewinsville Rd. and Great Falls Rd.	Roundabout or intersection realignment
Old Dominion Dr. and Belleview Rd.	Widen Old Dominion Dr. and add turn lanes on Old Dominion Dr.
Chesterbrook Rd. and N. Albemarle Rd.	Add left turn lanes on Chesterbrook Rd.
Swinks Mill Rd. in vicinity of Georgetown Pike	Improve drainage at Scotts Run Creek crossing
Lewinsville Rd. at Lewinsville Mews Ct.	Improve drainage at Rocky Run Creek crossing

Bicycle Projects

Location	Project Description
Westmoreland Street On-Road Bike Lanes	Add bike lanes from Kirby Rd. to Arlington County Line
McLean CBC Bicycle Route Signage, Phase II	Define and Sign Routes in McLean
Franklin Sherman E.S. Connector Trail	Construct trail from Brawner St. to Corner Ln.
Lewinsville Rd. On-Road Bike Lanes, Phase II	Construct bike lanes from Titania Ln. to McLean CBC
Elm Street/Dolley Madison Blvd.	Improve unsignalized crossing for bikes/peds
Algonkian Pkwy Trail	Construct trail from Cup Leaf Holly Ct. to Loudoun County Line
Old Dominion On-road bicycle improvements	Widen shoulders for bikes from Georgetown Pike to McLean CBC
Lewinsville Rd. On-road bicycle improvements	Widen shoulders for bikes from Spring Hill Rd. to Route 7
Towlston Rd. On-road bicycle improvements	Widen shoulders for bikes from Route 7 to Old Dominion Dr.
Others pending FCBMP completion	Multiple locations - TBD
Westmoreland Street On-Road Bike Lanes	Spot improvements to accommodate bicycles

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Draft Plan - Key Recommendations

Location	Project Description
Herndon Station	Cycle Track
Fairfax County Parkway/Dulles Toll Rd	Pilot barrier crossing improvement

Hunter Mill District

Spot Improvement Projects

Location	Project Description
Lawyers Road / Hunter Mill Road	Widen Lawyers Road, add left turn lanes
McLearen Road / Cobra Drive	Widen McLearen Rd, add WB left turn lane
Old Courthouse Road / Besley Road	Reconstruct roadway, improve drainage structure, add 300' of trail
Beulah Road / Old Courthouse Road	Construct Roundabout
Coppermine Road / McNair Farms Road	Convert 4-way stop to roundabout
Coppermine Road / Thomas Jeff Dr	Convert 4-way stop to roundabout
Frying Pan Road	Widening bet. Rt. 28- Sunrise valley Dr. intersection to Centerville Rd.
Coppermine Road	Widening to 4 lane between Sunrise Valley to Centerville Road.

RMAG Projects (Roadway and Intersections)

Location	Project Description
Wiehle Ave / Dulles Toll Rd WB ramps	West: High visibility crosswalk, pedestrian countdown signal, upgrade curb ramps
Isaac Newton Sq W	From Isaac Newton Sq South to the station as an extension of the proposed Soapstone Connector, Expanded section to include sidewalks, streets.
Wiehle Ave / Isaac Newton Sq N	South: Potential infill of striped lane area; East: Upgrade curb ramps, high visibility crosswalk; North: Channelize right turns, median pedestrian refuge, high visibility crosswalk, pedestrian warning signs, pedestrian knockdown signs; West: High visibility crosswalk, upgrade curb ramp
Sunrise Valley Dr / Commerce Park Dr	North: upgraded curb ramps, high visibility cross walk; West: upgrade curb ramps, high visibility crosswalk, pedestrian warning and knockdown signs, pedestrian median refuge
Sunrise Valley Dr / Soapstone Rd	East: Extend median to include pedestrian refuge; West: Extend median to include pedestrian refuge; South: Construct curb ramps, decrease right turn radius; North: Median pedestrian refuge; All Approaches: High visibility crosswalk, pedestrian countdown signal, upgrade curb ramps
Sunrise Valley Dr / Great Meadow Dr / Centennial Park Dr	East: High visibility crosswalk, median pedestrian refuge, pedestrian warning and knockdown signs, flashing beacons; West: High visibility crosswalk, median pedestrian refuge, pedestrian warning and knockdown signs, flashing beacons; South: High visibility crosswalk; All Approaches: update curb ramps
Sunrise Valley Dr / Upper Lake Dr / Campus Commons Dr	North: crosswalk, upgrade curb ramps
Wiehle Ave / W&OD Trail	Stage 1: Yield lines, yield signage, potential user-activated flasher, improved median refuge
Sunset Hills Rd / W&OD Trail	Trail; Raised 10-foot median refuge; upgraded curb ramps
Soapstone Connector / Overpass	Bridge over DTR between Sunrise Valley Dr and Sunset Hills Rd
Sunrise Valley Road & Coppermine Road	Traffic signal improvements (VDOT project using County proffer money)

RMAG (Pedestrian and Bicycle Projects)

Location	Project Description
South side of DIAAH	Shared use path from Reston Pkwy to Wiehle Ave (dependent upon redevelopment of adjacent sites)
E side of Isaac Newton Sq W	Construct sidewalk from the station entrance to Isaac Newton Sq S
Southern Wiehle Ave station entrance	Construct sidewalk from southern Wiehle Ave station entrance to Sunrise Valley Dr

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East side of Wiehle Ave	Construct bike trail from the station entrance to Fairway Dr
Southern Wiehle Ave station entrance	Construct bike path from southern Wiehle Ave station entrance to Sunrise Valley Dr
Isaac Newton Sq W	Construct shared bus/bike lanes along private roadway opposite of Isaac Newton Sq W into the station entrance
Wiehle Ave / W&OD Trail	Grade separated crossing over Wiehle Ave
South side of Sunset Hills Rd	Widen existing sidewalk to 10-foot shared use path from Plaza America to Isaac Newton Sq W

Bicycle Projects

Location	Project Description
Lawyers Rd: Staley Rd. to Hunter Mill Rd.	Extend on-road bike lanes
Lawyers Rd./Fox Mill Rd./Reston Pkwy	Intersection improvements; add on-road bike lanes
Old Courthouse Rd. @ Freedom Hill Park	Widen shoulders to accommodate bicycles
W&OD Xing @ Wiehle Ave	Grade Separation
Bicycle Route/Wayshowing Signage	Install Bicycle Route Signage-Variou Locations
Fx.Co.Pkwy. @ DTR/DIAAR Ramps	Improve Trail Xing Safety
Fx.Co.Pkwy. @ Sunset Hills Rd. Ramp	Improve Trail Xing Safety
Sunrise Valley Dr: Centreville Rd to W&OD	Add On-Road Bike Lanes/Lane Diet
Vesper Court to Tysons Trail	Construct new trail connection from Higdon Dr. to Springhill Rd.
Spring St./Sunset Hills Trail	Construct missing trail segment from Herndon Pkwy to YMCA
Reston Town Center On-Road Bike Lanes	Retrofit On-Road Bike Lanes - Various Locations
Beulah Road NoVi Trail	Construct Missing Segments of NoVi Trail Network
Route 7: Sugarland Rd. to Baron Cameron Ave.	Construct Missing Segments of Trail Network

Draft Plan - Key Recommendations

Location	Project Description
South Lakes Drive to Wiehle Avenue	Combination of on/off-road facilities
Fairfax County Parkway/Dulles Toll Rd	Pilot barrier crossing improvement

Lee District

Spot Improvement Projects

Location	Project Description
Amherst Ave. SB to Backlick Rd. SB at Cumberlain Ave.	Eliminate weaving maneuver
S. Kings Hwy. and Harrison Ln.	Construct C&G on north side of S. Kings Hwy.
Old Keene Mill Rd. and Commerce St.	Extend left turn lane on EB Old Keene Mill Rd.

Bicycle Projects

Location	Project Description
Van Dorn Street	Improve Bike/ped connection from Oakwood to City Line
Franconia-Springfield Pkwy/Spring Village Dr.	Extend trail from Spring Village Dr. to Ridgeway Dr.
Amherst Ave & Backlick Rd	Add On-road bike lanes on one-way pairs
Barry Road/Metro Bike Parking	Construct covered bike parking area south side of station
Rose Hill On-Road Bike Lanes	Add on-road bike lanes from Franconia Rd. to Telegraph Rd.
Cinderbed Road Bikeway	Construct trail from Cinderbed Road to south side of Metro Station
Bicycle Route Signage - Districtwide	Fabricate/install bicycle route signs
South Kings Hwy	Add bike shoulders: Telegraph Rd to Woodstone Place
South Kings Hwy@Vantage Dr.	Bike-Ped improvements
Bedrock Rd/Cold Springs Lane	Bike connectivity improvements at barriers
Fordson Road	Add on-road bike facilities fr Boswell to Lockheed Blvd.
Others TBD from FCBMP	

Draft Plan - Key Recommendations

Location	Project Description
Rose Hill to Mt Vernon	Combination of on/off-road facilities
Rose Hill to Belle Haven	Combination of on/off-road facilities

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Mason District Roadway Projects

Location	Project Description
Woodburn Rd. and Tobin Rd.	Road and drainage improvements between Route 236 and Gallows Rd.
Woodburn Rd. and Tobin Rd.	Add left turn lane on NB Woodburn Rd.
Backlick Rd. and Industrial Rd.	Provide NB left turn lane on Backlick Rd.
Rte 236 and Little Run Rd. / Roberts Ave.	Add WB left turn lane on Rte. 236

BRAC-133 Projects

Location	Project Description
Traffic Signal Optimization	Optimize signals on Route 236, Beauregard St., Seminary Rd., and South Van Dorn St.
I-395 SB Off-Ramp to Route 236 WB	Enhanced signage/wayfinding
Chowan Avenue Safety Improvements	Install mountable curb
Route 236 at Beauregard Street	Channelize Route 236 WB Left Turns at Beauregard Street
North Chambliss St. at Beauregard St.	Eliminate exclusive SB free flow right from N. Chambliss St. to Beauregard St.
I-395 SB Off-Ramp to Route 236 WB	Widen off-ramp from one to two lanes
Route 236 – Closure of Service Drive Access	Close service drive access and install bus pull-out on Route 236 EB east of Beauregard Street
Route 236 at Beauregard Street	Add SB left turn/thru lane on Beauregard St., add third receiving lane on Route 236 EB
Lincolnia Road: Braddock Road to North Chambliss Street	Improve existing two-lane facility with spot improvements, such as curb and gutter, turn lanes, and sidewalks, as determined by future study
Route 236 at Cherokee Ave.	Add NB right turn lane onto Route 236

Bicycle Projects

Location	Project Description
Holmes Run Stream Valley Trail	Upgrade pavement for commuter bicycling
Bicycle Route Signage (Districtwide)	Sign bicycle routes
Bicycle Lockers	Install Bike Lockers at Seven Corners Transfer Station
Columbia Pike Corridor Improvements	Connect missing trail segments: Little River Turnpike to Arlington County Line
Route 7 Corridor Improvements	Connect missing trail segments: Falls Church to Alexandria City Line
Gallows/Annandale/Backlick Rd. Bike Facilities	Add bike lanes/wide curb lanes/shoulders/complete missing gaps
Route 236 (Little River Turnpike) Bike Facilities	Add bike lanes/wide curb lanes/shoulders/complete missing gaps
Others TBD from FCBMP	Districtwide bike facilities/routes/trails

Draft Plan - Key Recommendations

Location	Project Description
Arlington Boulevard service roads	Combination of on-road facilities and wayfinding
Hummer and Annandale Road	Bike lanes

Mt Vernon District Spot Improvement Projects

Location	Project Description
Fort Hunt Rd. and Paul Spring Rd.	Add left turn lane on Fort Hunt Rd.
Lorton Rd. and Lorton Station Blvd.	Extend WB left turn lane and convert signal to protected only phasing
Old Colchester Rd. and Hassett St.	Upgrade drainage crossing to eliminate flooding at Giles Run Creek

Bicycle Projects

Location	Project Description
Huntington Avenue Bike Lanes	Lane diet and add on-road bike facilities: Telgraph Road. to Rt. 1

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Fort Hunt Road Bike Lanes	Add bike lanes/shoulders to accommodate bikes
Route 1 @ Little Hunting creek	Improve Bike - Pedestrian Connections from Buckman to Napper Rd.
Silverbrook Road Shared Use Path	Add missing trail segments: Hoopes Road to Laurel Crest
Potomac Heritage National Scenic Trail (PHNST)	Complete missing segment from Old Mill Rd to US Route 1. Includes Ped/bike bridge over Dogue Creek
Lorton Station Road	Lane diet and add on-road bike facilities: Lorton Rd to Pohick rd.
Pohick Road	Add bike lanes/shoulders to accommodate bikes from Rt 1 to Alban
Napper Road-MLK Park-Holland	Improve Bicycle Connectivity
Beacon Hill Road	Lane diet and add on-road bicycle facilities: Rt 1 to Fort Hunt Rd
Belle View Blvd.@ GW Pkwy	Add Bike Crossing and connecting trail to Mount Vernon Trail
Quander Lane	Add bike lanes/shoulders: Fort Hunt Rd to Rt 1 (Richmond Hwy)
Lorton VRE Bike Parking	Increase and enhance bicycle parking at VRE station
Bike Route Signage (Districtwide)	Define bike routes and sign (per 2009 MUTCD)

Draft Plan - Key Recommendations

Location	Project Description
Link Ft. Belvoir North to Franconia-Springfield Metro	Combination of on-road facilities and wayfinding
Access to Alexandria	Bike lanes and intersection improvements
Hummer and Annandale Road	Bike lanes

Providence

Roadway Projects

Location	Project Description
Southbound Nutley St. approaching Route 29	Install overhead signs with guide signs for lane configuration approaching the Route 29 intersection
West Ox Rd. and Legato Rd.	Extend NB left turn lane, convert to dual (protected) lefts and upgrade signal
Chain Bridge Rd. and White Granite / Rose	Widen EB approach, upgrade signal and improve ped crossings
Old Courthouse Rd. and Besley Rd.	Improve drainage structure at Wolftrap Creek crossing to eliminate flooding
Cedar Lane and Route 50	Add SB right turn lane on Cedar Lane
Electric Avenue and Cedar Lane	Add NB left turn lane on Cedar Lane
Route 7 from Route 123 to I-495	Widen Route 7 to 8 lanes from Route 123 to I-495
Boone Blvd. Extension	Construct 4-lane roadway from Route 123 to Ashgrove Lane
Jones Branch Connector	Construct 4-lane roadway from Route 123 to I-495 HOT lane ramps and widen from I-495 HOT lane ramp to Jones Branch Dr.
Greensboro Drive Extension	Construct 4-lane roadway from Spring Hill Road to Route 7
Dulles Toll Road Ramps	Construct connections to/from Tysons and the Dulles Toll Road
Route 123 from Route 7 to I-495	Widen Route 123 to 8 lanes from Route 7 to I-495
Route 123 from Old Courthouse Rd. to Route 7	Widen Route 123 to 6 lanes from Old Courthouse Rd. to Route 7
Route 7 from I-495 to I-66	Widen Route 7 to 6 lanes from I-495 to I-66
Magarity Rd. from Lisle/Rt. 7 to Great Falls St.	Widen Magarity Rd. to 4 lanes from Lisle/Rt. 7 to Great Falls St.
I-495 Overpass at Tysons Corner Center	Construct overpass for pedestrian, bicycles, and transit
Gallows Road from Rt. 7 to Prosperity Ave.	Widen Gallows Road to 6 lanes from Rt. 7 to Prosperity Ave.
Route 50 and Waples Mill Rd.	Add SB right turn lane on Waples Mill Rd.

TMSAMS Projects

Location	Project Description
Tyco Road	Sidewalk on south side from Virginia Dominion Power Easement to Spring Hill Rd.
Greensboro Drive	Sidewalk on north side from Spring Hill Rd. to Rotunda Condominium Entrance
Westpark Drive	Sidewalk on north side from International Dr. to Park Run Dr.
Jones Branch Drive	Sidewalk on south side from Park Run Dr. to Westbranch Dr.
Chain Bridge Road	Sidewalk on north side from Anderson Rd. to Colonial Ln.
Colonial Lane	Sidewalk on east side from Chain Bridge Rd. to cul-de-sac
La Salle Avenue	Sidewalks on east and west sides from cul-de-sac to Magarity Rd.
Scotts Run Community Park Trail	Colshire Meadow Dr. to Magarity Rd.
Tower Crescent Drive	Sidewalk on south side from Leesburg Pike to Marriot Hotel Entrance
Madrillon Road	Sidewalk on east side from Gallows Rd. to Boss St.

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Aline Avenue (Northeast of Gallows Road)	Sidewalk on south side from Gallows Rd. to first driveway entrance
Northwest Corner of Gallows Road and Old Courthouse Road	Sidewalk on north side of Old Courthouse Rd. and west side of Gallows Rd. from entrance to Tysons Square Office Park on Old Courthouse Rd. to entrance to Tysons Square Office Park on Gallows Rd.
Boone Boulevard	Sidewalk on north side from Howard Ave. to Gallows Rd.
International Drive	Sidewalk on east side from Fletcher St. to Ring Rd.
Crosswalks - Multiple Locations	Construct crosswalks at multiple locations as identified in TMSAMS Report
Trails - Multiple Locations	Construct trail segments at multiple locations as identified in TMSAMS Report

Bicycle Projects

Location	Project Description
Hill Top Road Bike Lanes	Add bike lanes from Cedar Lane to Old Lee Highway/Prosperity Ave.
Prosperity Ave. Bike Lanes	Lane diet with bike lanes from Old Lee Highway to Gallows Rd.
Idylwood Road Bike Shoulders	Widen shoulders for bikes from Helena Dr. to Idyl Lane
Cedar Lane Bike Lanes/Wide Curb Lane	Add bike lanes from Hill Top to Gallows Road
Courthouse Road Bike Lanes/Shoulders	Add bike facilities from Rte. 123 to Vienna Town Line
Hunter Mill Rd. Bike Lanes/Shoulders	Add bike facilities from Mystic Meadow Ln. to Lawyers Rd.
Vienna Metro Connectivity Improvements	Road/Lane Diet on roadways/bridges around Vienna Metro Station
US Route 50: Gallows Rd. to Fairview Park Drive	Improve Bikeability on Rte 50 between Gallows Rd. and Fairview Park Dr.
US Route 50	Bike connectivity-complete gaps in trail/service drive network
Scotts Run-Margarity Trail Connection	Construct trail to enhance bike/ped access to Tysons East/123
Phoenix Drive Bikeway	Construct trail from Jermantown Rd. to Fairfax Farms Road on Phoenix alignment
Jones Branch Connector	Bike lanes on connector (critical connection)
I-495 Bike-Ped bridge	Construct Bike-ped bridge over I-495 near Marshall H.S.
Sandburg Street Bikeway	Construct Trail parallel to I-495 from Sandburg St. end to Kidwell Dr. inc. Gallows connector
Bike Rte Signage (districtwide)	Includes GMU-City-Vienna Metro branded route
Cross County Trail (CCT)	Upgrade pavement to accommodate commuter bicyclists
Others TBD by FCBMP	
Route 7 Feasibility Study	Study to determine best practices (bike accommodations) fr Tysons to FC City Line

Draft Plan - Key Recommendations

Location	Project Description
Merrifield	Combination of facilities to Metro; Accotink Stream Valley trail improvements
Old Keene Mill Road	Bike lanes in the shoulder

Springfield District

Roadway Projects

Location	Project Description
Braddock Rd. and Willow Spring School Rd.	Add right turn lane on Willow Spring School Road
Rolling Road Widening	Widen to 4 lanes from Old Keene Mill Road to Fairfax County Parkway
Rolling Road Widening	Widen to 4 lanes from O'Dell Street to DeLong Drive
Rolling Road and Old Keene Mill Road	Add second left turn lane to NB Rolling Road
Fairfax Station Road at Innisvale Drive	Upgrade Popes Head Creek crossing to eliminate roadway flooding
Compton Road and Union Mill Road	Construct roundabout

Bicycle Projects

Location	Project Description
Hunter Village Drive	Lane Diet with Bike Lanes from Painted Daisy to Old Keene Mill Road
Hunter Village Drive Bike Parking	Construct Bike Parking at Old Keene Mill Road
Shiplott Boulevard	Lane Diet with Bike Lanes from Burke Lake Road to Old Keene Mill Road
Burke Road	Lane Diet with Bike Lanes from Mill Cove Court to VRE Station
Pohick Stream Valley Rail Trail	Complete Phase III Rail-Trail from Burke Lake Road to Burke Road

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Rolling Valley Connector Trail	Construct Trail from Rolling Valley Park & Ride to Pohick Stream Valley Rail Trail
Bicycle Signage on Fx. Co. Parkway Trail	Install wayfinding signage on Fairfax County Parkway
Fairfax County Parkway Trail	Repair/Repave Trail
Others TBD from FCBMP	Bicycle Master Plan improvements

Draft Plan - Key Recommendations

Location	Project Description
Town of Clifton	Pilot shared roadway safety signage
South Run District Park to Lake Accotink Trail System	
Old Keene Mill Road	Bike lanes in the shoulder

Sully

Roadway Projects

Location	Project Description
West Ox Rd.: Lawyers Rd. to McLearn Rd.	Improve horizontal and vertical roadway geometry (\$0.5 million proffer)
Braddock Rd. and Pleasant Valley Rd.	Add turn lanes on all approaches and construct signal or roundabout
I-66 and Rte. 28	Reconstruct interchange - add missing ramps and eliminate signals
Walney Rd.	Improve horizontal and vertical roadway geometry
Rte. 28: New Braddock Rd. to County Line	Add third lane on Route 28 in both directions
Compton Rd. at Bay Valley Lane	Upgrade drainage crossing at Little Rocky Run
Pleasant Valley Rd. and Herndon Avenue	Add NB left turn lane on Pleasant Valley Rd. and improve radius

Bicycle Projects

Location	Project Description
US Route 50: West Ox Rd. to County Line	Complete missing trail segments
West Ox Road: Penderbrook to US Rte. 50	Complete missing trail segments
Bobann Drive Bikeway	Upgrade trail from Wharton Ln. to Stringfellow Road
Bicycle Parking Enhancements	Upgrade, expand bicycle parking at public facilities
On-Road Bike Lanes	Road Diets/Lane Diets Districtwide TBD by FCBMP
US Route 29: Stringfellow Rd to County Line	Complete missing trail segments
Custis Trail Extension Feasibility Study	Location Study for the extension of the Custis Trail to Manassas Battlefield

Draft Plan - Key Recommendations

Location	Project Description
Cub Run	Transportation Trail Pilot