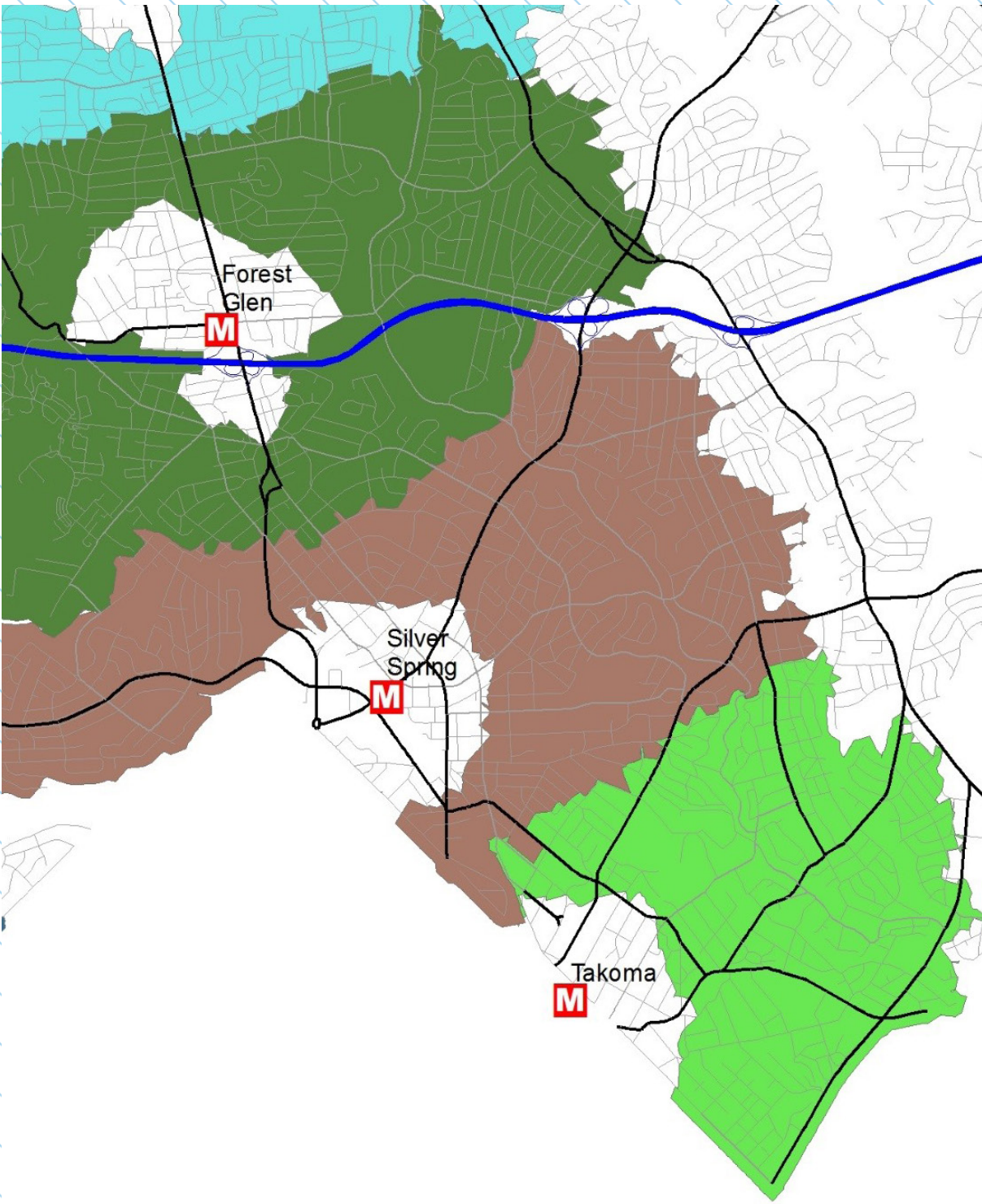


## Appendix G: Bicycle Parking Space Recommendations at Transit Stations





Map shows transit station catchment areas for Takoma, Silver Spring and Forest Glen stations



The following tables summarize the recommended number of long-term and short-term bicycle parking spaces and square footage for each transit station.

### Red Line Bicycle Parking Analysis

STATION	STEP 1	STEP 2				STEP 3 & 4	STEP 5		STEP 6	
	2040 AM PEAK PERIOD BOARDINGS	DUS WITHIN DISTANCE OF STATION				GOAL-BASED ESTI- MATE	RECOMMEND BIKE PARKING SPACES		SPATIAL REQUIRE- MENTS (SF)	
		1/2 MILE	2 MILES	DIF- FER- ENCE	% OF TOTAL		LONG- TERM	SHORT- TERM	LONG- TERM	SHORT- TERM
Shady Grove	20,459	758	8,444	7,686	9%	398	300	100	3,200	2,400
White Flint	7,505	3,426	9,512	6,086	7%	315	250	50	2,700	1,200
Grosvenor	4,644	2,660	11,657	8,997	11%	466	350	100	3,800	2,400
Medical Center	1,606	725	6,213	5,488	6%	284	200	50	2,200	1,200
Bethesda (North)	6,668	1,500	4,413	2,913	3%	151	100	50	1,100	1,200
Bethesda (South)		3,499	10,296	6,797	8%	352	250	100	2,700	2,400
Friendship Heights	4,611	3,484	8,789	5,305	6%	275	200	50	2,200	1,200
Glenmont	4,797	1,432	11,962	10,530	12%	546	400	150	4,300	3,600
Wheaton	4,088	2,748	12,968	10,220	12%	530	400	100	4,300	2,400
Silver Spring	10,911	7,908	21,512	13,604	16%	705	550	150	5,900	3,600
Forest Glen	2,589	1,444	8,934	7,490	9%	388	300	100	3,200	2,400
<b>Total</b>	<b>67,879</b>	<b>29,584</b>	<b>114,700</b>	<b>85,116</b>	<b>100%</b>	<b>4,412</b>	<b>3,300</b>	<b>1,000</b>		

### Brunswick Line Bicycle Parking Analysis

STATION	STEP 1	STEP 2				STEP 3 & 4	STEP 4		STEP 5	
	2040 AM PEAK PERI- OD BOARD- INGS	DUS WITHIN DISTANCE OF STATION				GOAL-BASED ESTI- MATE	RECOMMEND BIKE PARKING SPACES		SPATIAL REQUIRE- MENTS (SF)	
		1/2 MILE	2 MILES	DIF- FER- ENCE	% OF TOTAL		LONG- TERM	SHORT- TERM	LONG- TERM	SHORT- TERM
Dickerson	32	22	84	62	0%	0	0	10	0	200
Barnesville	106	0	105	105	0%	0	0	10	0	200
Boyds	24	6	805	799	1%	2	20	10	200	200
Germantown	1102	631	18,701	18,070	30%	45	30	10	300	200
Washington Grove	64	243	6,474	6,231	10%	15	10	10	100	200
White Flint (planned)	N/A					N/A	20	10	200	200
Kensington	232	979	14,835	13,856	23%	34	30	10	300	200
Silver Spring	740	6,666	28,037	21,371	35%	53	40	10	400	200
<b>Total</b>	<b>2,300</b>	<b>8,547</b>	<b>69,041</b>	<b>60,494</b>	<b>100%</b>	<b>150</b>	<b>150</b>	<b>80</b>		

## Purple Line Bicycle Parking Analysis

STATION	STEP 1	STEP 2				STEP 3 & 4			STEP 5	
	2040 AM PEAK PERIOD BOARDINGS	DUS WITHIN DISTANCE OF STATION				RECOMMEND BIKE PARKING SPACES			SPATIAL REQUIREMENTS (SF)	
		1/2 MILE	1 MILE	DIF-FER-ENCE	% OF TOTAL	ESTI-MATE	LONG-TERM	SHORT-TERM	LONG-TERM	SHORT-TERM
Bethesda	1,875	2,943	8,820	5,877	31%	110	80	30	900	700
Connecticut Avenue	278	718	2,255	1,537	8%	29	20	10	200	200
Lyttonsville	167	623	2,478	1,855	10%	35	50	10	500	200
Woodside	203	2,067	3,212	1,145	6%	21	20	10	200	200
Silver Spring Transit Center	1,618	5,817	6,759	942	5%	18	10	10	100	200
Silver Spring Library	377	2,491	4,744	2,253	12%	42	40	10	400	200
Dale Drive	120	897	1,813	916	5%	17	0	10	0	200
Manchester Place	239	1,948	2,932	984	5%	18	0	10	0	200
Long Branch	111	1,419	2,810	1,391	7%	26	30	10	300	200
Piney Branch Road	155	893	1,533	640	3%	12	10	10	100	200
Takoma-Langley Transit Center	274	495	1,819	1,324	7%	25	20	10	200	200
<b>Total</b>	<b>5,415</b>	<b>19,816</b>	<b>39,175</b>	<b>18,864</b>	<b>100%</b>	<b>352</b>	<b>280</b>	<b>130</b>		

## Corridor Cities Transitway Bicycle Parking Analysis (Phase 1)

STATION	STEP 1	STEP 2				STEP 3 & 4			STEP 5	
	2040 AM PEAK PERIOD BOARDINGS	DUS WITHIN DISTANCE OF STATION				RECOMMEND BIKE PARKING SPACES			SPATIAL REQUIREMENTS (SF)	
		1/2 MILE	1 MILE	DIF-FER-ENCE	% OF TOTAL	ESTI-MATE	LONG-TERM	SHORT-TERM	LONG-TERM	SHORT-TERM
Shady Grove	3,531	0	529	529	9%	43	30	10	300	200
East Gaither	249	2,675	3,195	520	9%	42	Rockville	Rockville	Rockville	Rockville
West Gaither	609	337	650	313	5%	25				
Crown Farm	1,488	1,487	2,017	530	9%	43	Gaithersburg	Gaithersburg	Gaithersburg	Gaithersburg
DANAC	243	709	1,877	1,168	20%	94	0	20	0	500
LSC Central	390	0	1,009	1,009	17%	81	60	20	600	500
LSC West	717	86	553	467	8%	38	90	10	1,000	200
LSC Belward	n/a	73	1,360	1,287	22%	104	80	20	900	500
<b>Total</b>	<b>7,227</b>	<b>5,367</b>	<b>11,190</b>	<b>5,823</b>	<b>100%</b>	<b>470</b>	<b>260</b>	<b>80</b>		

As some station areas serve more than one transit line, the following table provides a summary of the total number of bicycle parking spaces recommended at each transit station.

### Recommended Number of Bicycle Parking Spaces

STATION	LONG-TERM BICYCLE PARKING		SHORT-TERM BICYCLE PARKING	
	# OF SPACES	SQUARE FEET	# OF SPACES	SQUARE FEET
Barnesville	0	0	10	200
Bethesda (North)	100	1100	50	1200
Bethesda (South)	3300	3600	130	3100
Boys	20	200	10	200
Connecticut Avenue	20	200	10	200
Dale Drive	0	0	10	200
DANAC	0	0	20	500
Dickerson	0	0	10	200
Forest Glen	300	3200	100	2400
Friendship Heights	200	2200	50	1200
Germantown	30	300	10	200
Glenmont	400	4300	150	3600
Grosvenor	350	3800	100	2400
Kensington	30	300	10	200
Long Branch	30	300	10	200
LSC Belward	80	900	20	500
LSC Central	60	600	20	500
LSC West	90	100	10	200
Lyttonsville	50	500	10	200
Manchester Place	0	0	10	200
Medical Center	200	2200	50	1200
Piney Branch Road	10	100	10	200
Shady Grove	330	3600	110	2600
Silver Spring	600	6500	170	4100
Silver Spring Library	40	400	10	200
Takoma / Langley	20	200	10	200
Washington Grove	10	100	10	200
Wheaton	400	4300	100	2400
White Flint (Metrorail)	250	2700	50	1200
White Flint (MARC)	20	200	10	200
Woodside	20	200	10	200
<b>Total</b>	<b>3990</b>	<b>43000</b>	<b>1290</b>	<b>30300</b>

