## APPENDIX A: PRIORITY SHORT TERM RECOMMENDATIONS



Capitol Hill Transportation Study: Final Report Appendix A December 2006

## **Priority Short Term Improvements**

Priority Short Term Improvements  Map							
Issue	Rank	Index	Location	Recommendation Recommendation			
Pedestrian Is	sues						
Crosswalk							
Dod	1	EO	0.00 (NE   40 <sup>th</sup> 0 (NE	Re-stripe the crosswalk on the southwest corner of the intersection with a diagonal to provide access to the ADA ramp. Make sure			
Ped	ı	58	C Street NE and 12 <sup>th</sup> Street NE	new crosswalk is painted with a highly visible "ladder Style" pattern as appropriate.			
Ped	2	192	D St. /12th St. SE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	3	16	C Street NE, 4 <sup>th</sup> Street NE and Massachusetts Avenue NE	Replace/ modify existing ramps to ADA compliancy, and construct a new ADA compliant ramps at NW corner of park.			
Ped	4	181	Kentucky Ave. / 14th St. / D St. SE	Install "Ladder Style" cross walks according to MUTCD standards where determined suitable.			
Ped	5	115	A Street NE and 6th Street NE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	6	31	6th St./ Mass. Ave. NE. SE corner	Patch hole, or replace segment of sidewalk to ADA standards.			
Ped	7	117	A St. / 4th St. NE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	8	123	East Capitol St. / 4th St.	Paint a single, distinct stop bar to signify the safe intersection stopping location.			
Ped	9	168	15th Street / A Street NE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	10	136	East Capitol Street and 11th Street SE	Install ladder-style crosswalk. Apply to all crosswalks around Lincoln Park.			
Ped	11	201	Pennsylvania Avenue / Seward Street SE (NW Corner)	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	12	366	Multiple intersections at 15th/ Potomac/ Kentucky/ G St.	Implement more clearly painted crosswalks with push button cross requests.			
Ped	13	427	14th St. / L St. SE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	14	100	C Street NE and 19th Street NE	Paint new crosswalks using highly visible ladder-style pattern as appropriate.			
Ped	15	212	D St./7th St. SE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	16	215	South Carolina Avenue and 7th Street	Make area more pedestrian friendly by providing more amenities around this intersection such as newsstands, sidewalk vendors,			
	.0	210		street furniture. Pedestrian crossings could be paved or in a more visible fashion.			
			3rd Street / Massachusetts Avenue / D Street NE	1) Add signage directing pedestrians to cross at designated crosswalks. 2) Install ladder-style crosswalk as appropriate to all			
Ped	17	10		locations, in particular parallel to the south side of D St. to the new curb extension and extend pedestrian cycle length to allow safe			
				crossing. Add ADA ramps where appropriate.			
Ped	18	145	Kentucky Avenue / East Capitol Street SE	1) Add an additional cross-walk with signage and high visibility pavement markings; 2) Add signage further west on East Capitol			
				Street to give motorists advance warning of pedestrian crossings			
Ped	19	258	Duddington / 2nd St. SE	Paint new crosswalk, using highly visible "ladder style" pattern as appropriate.			
Ped	20	37	5th St. NE south of C St.	Restripe crosswalk with MUTCD compliant "ladder style" crosswalk as appropriate.			
Ped	21	369	Potomac Ave/ Pennsylvania Ave. and Potomac Ave./ 17 St.	Improve crosswalks and signage to MUTCD compliancy.			
Ped	22	263	8th Street SE b/w Penn & I St. SE	Add stripe to either side of crosswalk in highly visible color to increase visibility of crosswalk			
	23	363	Major streets	1) Install signs on the sidewalk near the crosswalk noting 'DC Law Stop for pedestrian within Crosswalk'.			
Ped				2) Re-stripe the crosswalk with high visibility crosswalk marking.			
	0.4	070	O NATE I	3) Install in-roadway warning lights for pedestrian.			
Ped	24	373	Community Wide	Secure pedestrian signals tighter so they can not be spun by unauthorized persons.			
Dilaina Isaaa				Subtotal			
Biking Issue	S   4	170	1 Ath Ctract / Kentucky Avenue / D Ctract CF	Install MUTCD compliant "Bike Route" signs; paint MUTCD-compliant bike lane markings on street surface.			
Bike	1	178	14th Street / Kentucky Avenue / D Street SE				
Bike	2	112	Constitution Avenue and 6 <sup>th</sup> Street NE	Install MUTCD compliant "Bike Route" signs; paint MUTCD-compliant bike lane markings on street surface.			
Bike	3	254	C Street NE	Install MUTCD compliant "Share Route with Bikes", and "Yield to Cyclist" signs.			
Bike	4	386a	Lincoln and Stanton Parks	Install "Share the Road with Bikes" signs (MUTCD W16-1) around park.			
Bike	5	162	4th St. SE b/w East Capitol & Independence Ave	Install MUTCD compliant "Bike Route" signs; paint MUTCD-compliant bike lane markings on street surface			
Bike	6	55	C Street NE between 9 <sup>th</sup> Street NE and 10 <sup>th</sup> Street NE	Install MUTCD compliant "Bike Route" signs; paint MUTCD-compliant bike lane markings on street surface			
Danilia i				Subtotal			
Parking Issu	es	4.40	France Control October 1 Transport	lucture de la			
Parking	1	140	East Capitol Street / Tennessee Avenue NE	Update signs.			
Parking	2	253	East Capitol Street SE	Wherever signs are in poor condition, replace with new signs			
Dood O lot				Subtotal			
Road & Inter	section iss	ues					

Rank	Map		
	Index	Location	Recommendation Recommendation
1	87	13th Street. / Tennessee Avenue. NE	Requires additional evaluation. Install appropriate control.
2	271	Stanton Park	Add red turn arrow.
2	15	C Street NE 4th Street NE and Magazahusatta Avanua NE	1) Add a red arrow for left turns at the signal head of this intersection. 2) Move sign higher on the
3	15	C Street NE, 4th Street NE and Massachusetts Avenue NE	signpost; add additional sign on the near side of the intersection according to MUTCD standards.
4	00	4.4th Ctract / North Carolina Avenue / Carotitution Avenue NE	Install a green arrow signal and/or appropriate signage indicating protected turns
4	90	14th Street / North Carolina Avenue / Constitution Avenue NE	from 14th Street SB to Constitution Ave. EB.
5	230	14th Street at Massachusetts Ave. and Independence Ave. SE	Repair timing and green arrow orientation.
6	268	14th St. / L St. SE	Add stop sign and stop bar for southbound 14th Street at L Street
			Subtotal
<u>-</u>		•	
1	127	Foot Conital St. / 10th St. NE	1) Add an additional ladder-style crosswalk across East Capitol Street at 12th Street NE; 2) Add signage further east on East
1	137	East Capitol St. / 12th St. NE	Capitol Street to warn motorists of pedestrian crossings, MUTCD W11-2 and R1-5.
			Move the sign near the crosswalk at the intersection. Add a diagonal downward pointing arrow (W16-7p) plaque to show the
2	73	19th St. / G St. NE	location of the crossing below the
			existing sign. Addition of the plaque will make the sign assembly MUTCD compliant.
3	111	Constitution Avenue and 5th Street NE	Move the sign near the crosswalk at the intersection. Also add a diagonal downward pointing arrow (W16-7p) plaque to show the
			location of the crossing below the existing sign. Addition of the plaque will make the sign assembly the MUTCD compliant.
4	4.45	Wantunian Amazona / Fact Conital Street OF	1) Add an additional cross-walk with signage and high visibility pavement markings; 2) Add signage further west on East Capitol
4	145	Kentucky Avenue / East Capitol Street SE	Street to give motorists advance warning of pedestrian crossings
5	139	East Capitol St. / Tennessee Ave. NE	Install "No Right Turn" sign, MUTCD R10-11.
6	369	Potomac Ave/ Pennsylvania Ave. and Potomac Ave./ 17 St.	Improve crosswalks and signage to MUTCD compliancy.
7	394	C Street / 16th Street SE	Install MUTCD compliant signage "Share Road with Bikes" and "Pedestrian Crossing".
		Massachusetts Ave. at Independence Ave. SE	Install directional signage according to MUTCD
8	229		standards at EB Mass Ave. and SB 14th St. so
			appropriate messages are conveyed clearly.
0	45		1) Add a red arrow for left turns at the signal head of this intersection. 2) Move sign higher on the
9	15	C Street NE, 4th Street NE and Massachusetts Avenue NE	signpost; add additional sign on the near side of the intersection according to MUTCD standards.
10	78	18th Street / D Street NE	Replace with new sign.
11	99	C Street NE and 19th Street NE	Replace the sign from its current location to below the signal head where it is clearly visible.
12	42	Constitution Avenue between 6th Street NE and 7th Street NE	Move the sign to the east side of the alley.
13	270	Stanton Park	Improve signage selection and orientation so appropriate message is conveyed clearly.
14	271	Stanton Park	Add red turn arrow.
15	132	11th Street / East Capitol Street / Massachusetts Avenue NE	Install "No Right Turn" sign, MUTCD R10-11
16	149	Independence / 1st Street SE	Install large NO TURNS sign for traffic coming from both directions on Independence Avenue
17	153	Independence / 2nd Street SE	Install "No Right Turn" sign
18	169	18th Street / Independence Ave. SE	Install street signs
19	161	2nd Street / Independence Avenue SE	Add one-way street signs on Independence and 2nd Street
20	128	19th Street / East Capitol Street	Add one-way street sign to 19th
21	121	10th Street / Massachusetts Ave. SE	Install street signs
		Major streets	1) Install signs on the sidewalk near the crosswalk noting 'DC Law Stop for pedestrian within Crosswalk'.
22	363		2) Re-stripe the crosswalk with high visibility crosswalk marking.
			3) Install in-roadway warning lights for pedestrian.
			Subtotal
1	84	Constitution Avenue and 12th Place	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons
1			Install 'End of School Zone' sign on Constitution Avenue facing westbound traffic at 50 feet west of 12th Place. Also install 'End of
2	86	Constitution Avenue and 13th Street NE	School Zone' sign on Constitution Avenue facing eastbound traffic at 200 feet east of the intersection of 13th Street NE and
			Constitution Avenue. Insure all new signs are MUTCD compliant.
3 4 5 6 7 7 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	2 271 3 15 4 90 5 230 6 268 137 2 73 3 111 4 145 6 139 6 369 7 394 8 229 9 15 0 78 1 99 2 42 3 270 4 271 5 132 6 149 7 153 8 169 9 161 0 128 1 121 2 363	271 Stanton Park 3 15 C Street NE, 4th Street NE and Massachusetts Avenue NE 4 90 14th Street / North Carolina Avenue / Constitution Avenue NE 5 230 14th Street at Massachusetts Ave. and Independence Ave. SE 6 268 14th St. / L St. SE  137 East Capitol St. / 12th St. NE  137 East Capitol St. / 12th St. NE  138 111 Constitution Avenue and 5th Street NE  145 Kentucky Avenue / East Capitol Street SE 139 East Capitol St. / Tennessee Ave. NE 1394 C Street / 16th Street SE 1394 C Street / 16th Street SE 145 C Street NE, 4th Street NE and Massachusetts Avenue NE 15 C Street NE, 4th Street NE and Massachusetts Avenue NE 16 17 Stanton Park 17 Stanton Park 18 17 Stanton Park 18 18 Street / East Capitol Street SE 19 15 Independence / 1st Street SE 19 15 Independence / 2nd Street SE 19 15 Independence / 2nd Street SE 19 161 2nd Street / Independence Ave. SE 10 128 19th Street / East Capitol Street 11 121 10th Street / East Capitol Street 12 363 Major streets

Issue	Rank	Map Index	Location	Recommendation
ISSUE	Naiik	IIIUEX	Location	Remove the existing sign assembly and replace with a new sign assembly with flashing beacon that is compliant to the MUTCD
Road & Inter	3	141	13th Street between North Carolina Avenue and Constitution Avenue	standards. Also relocate it from its current position to a location 100 feet north of the intersection of North Carolina Avenue and
Noau & Inter	3	141	Totil Street between North Calonna Avenue and Constitution Avenue	13th Street NE.
	4	1727	North Carolina Ave at C St & Constitution Ave	1) Replace the existing speed limit sign assembly for the school zone with a new sign assembly with flashing beacon that conforms
Road & Inter				to the MUTCD standards.
rtodd d iirtoi				2) Install traffic mitigation, and enforce laws stronger.
Road & Inter	5	28	C Street NE and 6th Street NE	Replace existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons.
Road & Inter	6		C Street NE between 4th Street NE and 5th Street NE	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons.
Road & Inter	7		4th Street NE between Massachusetts Avenue and Maryland Avenue	Install speed limit sign for the school zone with flashing beacon that conforms to the MUTCD standards.
	8		Maryland Avenue between 3rd Street NE and 4th Street NE	1) Replace the existing speed limit sign assembly for the school zone with a new sign assembly with flashing beacon that conforms
Road & Inter				to the MUTCD standards.
				2) Align the sign to face the traffic.
Road & Inter	9	256	Maryland Avenue and 5th Street NE	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons
Road & Inter	10	2	6th Street NE between E Street and F Street	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons
Road & Inter	11	60	C Street NE and 13th Street NE	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons
Road & Inter	12	66	D Street NE and 14th Street	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons
Road & Inter	13	126	East Capitol Street and 17th Street SE	Replace any existing "School Zone" signs with MUTCD-Compliant School Zone signs with flashing beacons
Pavement Ma	rkings			
Road & Inter	1		South Carolina Avenue and Kentucky Avenue	Paint a single, distinct stop bar to signify the safe intersection stopping location.
Road & Inter	2	52	8th Street / Independence Avenue NE	Repaint Stop bar.
Road & Inter	3	398	East Capitol St & 11th St	Improve pavement markings and signage at the stop bar to increase visibility to motorists. Place a sign near the stop bar indicating "Stop Here On Red", MUTCD R10-6.
Road & Inter	Λ	179	14th Street / Kentucky Avenue / D Street SE	Paint median curb in a bright, highly visible color
			•	Talik median edib in a bright, highly visible eeler
Road & Inter	5	101	19th Street / C Street NE	Paint lane markings to show which lanes must turn, which lanes continue through the intersection. Add appropriate signage.
Road & Inter	6	20	C St./4th St. NW Corner	Paint a single, distinct stop bar to signify the safe intersection stopping location.
				Subtotal
Traffic Calmin	g			
	1	122	North Carolina Ave at C St &	1) Replace the existing speed limit sign assembly for the school zone with a new sign assembly with flashing beacon that conforms
Road & Inter			Constitution Ave	to the MUTCD standards.
			OUISHIGHOTI AVE	2) Install traffic mitigation, and enforce laws stronger.