

Appendix F
Bicycle and Pedestrian Data

TABLE F-1
TOP 120 ACCIDENT LOCATIONS BY PEDESTRIAN ACCIDENT FREQUENCY

Overall Ranking	Location Description	Total Accidents	Fatal Accidents	Injury Accidents	PDO* Accidents	Pedestrian Accidents	Bicyclist Accidents	Percent of Injury Accidents that are Pedestrian	Percent of Injury Accidents that are Bicyclist
15	FLATBUSH AV AND CHURCH AV	162	0	76	5	22	4	28.95	5.26
26	UTICA AV AND CHURCH AV	131	1	45	6	18	2	40.00	4.44
4	AVENUE U AND FLATBUSH AV	216	0	91	20	18	4	19.78	4.40
77	CHURCH AV AND OCEAN AV	81	0	36	1	16	2	44.44	5.56
21	FLATLANDS AV AND PAERDEGAT AV S	144	0	71	9	15	2	21.13	2.82
48	FLATLANDS AV AND ROCKAWAY PW	99	0	42	4	14	2	33.33	4.76
73	FLATLANDS AV AND E 80TH ST	82	2	35	3	13	1	37.14	2.86
69	BAY PW AND 86TH ST	84	0	36	1	13	0	36.11	0.00
107	4TH AV AND 86TH ST	69	0	25	1	12	0	48.00	0.00
59	NOSTRAND AV AND CHURCH AV	90	0	34	3	12	1	35.29	2.94
46	NOSTRAND AV AND FLATBUSH AV	100	1	41	2	12	4	29.27	9.76
34	BAY PW AND 65TH ST	117	0	48	11	12	1	25.00	2.08
50	NOSTRAND AV AND KINGS HW	99	1	58	5	12	3	20.69	5.17
114	MC DONALD AV AND CHURCH AV	67	0	28	11	11	0	39.29	0.00
108	OCEAN AV AND KINGS HW	69	0	34	2	11	2	32.35	5.88
51	EMMONS AV AND CONEY ISLAND AV	98	0	50	5	11	1	22.00	2.00
113	CONEY ISLAND AV AND KINGS HW	68	0	28	3	10	2	35.71	7.14
100	8TH AV AND 65TH ST	71	0	30	3	10	1	33.33	3.33
66	GLENWOOD RD AND E 29TH ST	87	1	40	2	10	3	25.00	7.50
30	FLATBUSH AV AND CATON AV	121	0	42	4	9	0	21.43	0.00
22	LINDEN BL AND ROCKAWAY PW	143	0	69	9	9	3	13.04	4.35
79	CONEY ISLAND AV AND BRIGHTON BEACH AV	81	0	31	2	8	2	25.81	6.45
104	LINDEN BL AND ROGERS AV	70	0	39	2	8	4	20.51	10.26
27	AVENUE Z AND CONEY ISLAND AV	131	0	59	8	8	1	13.56	1.69
103	FLATBUSH AV AND BEVERLY RD	70	0	30	5	7	1	23.33	3.33
102	AVENUE U AND CONEY ISLAND AV	71	0	30	6	7	1	23.33	3.33
95	AVENUE U AND MILL AV	73	2	30	11	6	0	20.00	0.00
118	7TH AV AND 86TH ST	66	0	31	5	6	0	19.35	0.00

TABLE F-1 (CONTINUED)
TOP 120 ACCIDENT LOCATIONS BY PEDESTRIAN ACCIDENT FREQUENCY

Overall Ranking	Location Description	Total Accidents	Fatal Accidents	Injury Accidents	PDO* Accidents	Pedestrian Accidents	Bicyclist Accidents	Percent of Injury Accidents that are Pedestrian	Percent of Injury Accidents that are Bicyclist
57	NEPTUNE AV AND W 5TH ST	92	0	33	6	6	2	18.18	6.06
91	BATH AV AND BAY PW	74	0	35	7	6	1	17.14	2.86
75	AVENUE J AND CONEY ISLAND AV	82	0	35	9	6	0	17.14	0.00
78	LINDEN BL AND NOSTRAND AV	81	0	38	6	6	3	15.79	7.89
105	NEPTUNE AV AND OCEAN PW	70	0	39	3	6	0	15.38	0.00
63	AVENUE I AND OCEAN PW	88	0	47	6	6	3	12.77	6.38
60	LINDEN BL AND VAN SICLEN AV	89	0	60	3	6	5	10.00	8.33
32	PENNSYLVANIA AV AND FLATLANDS AV	119	0	61	4	6	3	9.84	4.92
7	SHORE PKWY EB OFF RAMP TO BAY PKWY	180	2	77	12	6	1	7.79	1.30
74	18 TH AV AND 65 TH ST	82	0	25	3	5	2	20.00	8.00
71	CATON AV AND BEDFORD AV	82	0	38	5	5	4	13.16	10.53
65	AVENUE P AND OCEAN PW	88	0	45	5	5	1	11.11	2.22
55	AVENUE T AND FLATBUSH AV	93	0	53	8	5	1	9.43	1.89
6	SHORE PKWY EB OFF RAMP TO KNAPP ST/SHEEPSHEAD BAY	185	0	69	21	5	1	7.25	1.45
5	SHORE PKWY WB OCEAN PARKWAY UNDERPASS	216	0	101	23	5	0	4.95	0.00
101	SEAVIEW AV AND ROCKAWAY PW	71	0	22	4	4	0	18.18	0.00
112	CONEY ISLAND AV BETWEEN AVE T & AVE U	68	0	26	5	4	1	15.38	3.85
89	FOSTER AV AND CONEY ISLAND AV	74	1	31	1	4	3	12.90	9.68
111	BAY PW AND BAY PW	68	1	35	5	4	3	11.43	8.57
115	NEPTUNE AV AND W 8 TH ST	67	0	39	2	4	1	10.26	2.56
49	CROPSEY AV AND BAY PW	99	0	42	6	4	5	9.52	11.90
39	SHORE PKWY WB OFF RAMP TO BAY PKWY	108	0	53	6	4	0	7.55	0.00
117	SHORE PKWY EB ON RAMP FROM BAY PKWY	67	0	26	5	3	1	11.54	3.85
38	FT HAMILTON PW AND 65 TH ST	108	0	32	16	3	2	9.38	6.25
120	FLATBUSH AV AND KINGS HW	66	0	33	0	3	2	9.09	6.06
93	FLATLANDS AV AND REMSEN AV	73	0	36	7	3	3	8.33	8.33
85	AVENUE D AND UTICA AV	76	0	39	5	3	0	7.69	0.00
99	LINDEN BL AND CHURCH AV	72	0	40	3	3	2	7.50	5.00

TABLE F-1 (CONTINUED)
TOP 120 ACCIDENT LOCATIONS BY PEDESTRIAN ACCIDENT FREQUENCY

Overall Ranking	Location Description	Total Accidents	Fatal Accidents	Injury Accidents	PDO* Accidents	Pedestrian Accidents	Bicyclist Accidents	Percent of Injury Accidents that are Pedestrian	Percent of Injury Accidents that are Bicyclist
83	STANLEY AV AND PENNSYLVANIA AV	78	0	44	3	3	3	6.82	6.82
36	LINDEN BL AND UTICA AV	110	0	55	7	3	1	5.45	1.82
33	CHURCH AV AND NY27	117	0	58	16	3	2	5.17	3.45
13	SHORE PKWY WB SHEEPSHEAD BAY UNDERPASS	168	1	72	16	3	2	4.17	2.78
19	AVENUE N AND CONEY ISLAND AV	148	1	73	19	3	2	4.11	2.74
8	SHORE PKWY EB OFF RAMP TO SB OCEAN PKWY	180	1	84	13	3	1	3.57	1.19
2	LINDEN BL AND PENNSYLVANIA AV	275	0	142	12	3	2	2.11	1.41
90	16TH AV AND 65TH ST	74	0	27	12	2	2	7.41	7.41
88	NEPTUNE AV AND W 17TH ST	75	0	32	9	2	0	6.25	0.00
64	CONEY ISLAND AV AND 18TH AV	88	0	32	11	2	2	6.25	6.25
98	RALPH AV AND FOSTER AV	72	1	35	3	2	1	5.71	2.86
41	AVENUE P AND CONEY ISLAND AV	103	1	36	10	2	0	5.56	0.00
52	LINDEN BL AND VAN SINDEREN AV	97	0	37	7	2	2	5.41	5.41
72	LINDEN BL AND NEW YORK AV	82	0	38	11	2	0	5.26	0.00
62	SHORE PKWY EB OCEAN PARKWAY UNDERPASS	89	0	39	8	2	1	5.13	2.56
82	MC DONALD AV AND CATON AV	79	0	40	4	2	1	5.00	2.50
68	SHORE PKWY WB OFF RAMP TO NB OCEAN PKWY	85	0	40	14	2	2	5.00	5.00
53	AVENUE V AND FLATBUSH AV	96	0	45	5	2	1	4.44	2.22
42	18TH AV AND OCEAN PW	102	0	52	6	2	2	3.85	3.85
12	6TH AV AND 65TH ST	168	0	54	12	2	0	3.70	0.00
28	SHORE PKWY EB OFF RAMP TO FT HAMILTON PKWY/4TH AV	129	0	65	11	2	0	3.08	0.00
18	SHORE PKWY WB OFF RAMP TO KNAPP ST	158	1	68	13	2	0	2.94	0.00
20	LINDEN BL AND ROCKAWAY AV	147	0	79	12	2	5	2.53	6.33
47	GOWANUS EXPWY EB OFF RAMP TO 65TH ST	100	0	36	11	1	0	2.78	0.00
87	RALPH AV AND CLARENDON RD	75	0	37	5	1	2	2.70	5.41
37	SHORE PKWY EB OFF RAMP TO KNAPP ST	110	1	38	8	1	2	2.63	5.26
97	SHORE PKWY EB NOSTRAND AVE UNDERPASS	73	1	41	3	1	0	2.44	0.00
56	LINDEN BL AND KINGS HW	92	0	41	5	1	1	2.44	2.44

TABLE F-1 (CONTINUED)
TOP 120 ACCIDENT LOCATIONS BY PEDESTRIAN ACCIDENT FREQUENCY

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94	AVENUE X AND 86TH ST	73	0	44	6	1	1	2.27	2.27
81	CHURCH AV AND KINGS HW	80	0	47	4	1	3	2.13	6.38
35	CONEY ISLAND AV AND RMP GUILDER AV TO SP	111	0	55	7	1	1	1.82	1.82
31	GOWANUS EXPWY WB ON RMP FR 92ND ST/FT HAMILTON PKWY	121	0	58	10	1	0	1.72	0.00
10	SHORE PKWY EB 27TH AVE OVERPASS	172	0	65	19	1	0	1.54	0.00
29	AVENUE J AND OCEAN PW	125	0	71	4	1	0	1.41	0.00
11	SHORE PKWY EB OFF RAMP TO CONEY ISLAND AVE	172	0	71	18	1	2	1.41	2.82
1	GOWANUS EXPWY EB OFF RAMP TO 92ND ST	347	0	167	34	0	0	0.00	0.00
3	SHORE PKWY EB OFF RAMP TO ROCKAWAY PKWY	226	0	85	18	0	1	0.00	1.18
9	SHORE PKWY EB OFF RAMP TO ROCKAWAY PKWY	175	0	69	14	0	0	0.00	0.00
14	SHORE PKWY EB OFF RAMP TO PENNSYLVANIA AVE	167	0	73	16	0	0	0.00	0.00
16	SHORE PKWY EB BAY 8 STREET OVERPASS	162	1	76	19	0	0	0.00	0.00
17	SHORE PKWY EB OFF RAMP TO FLATBUSH AVE	161	0	68	15	0	0	0.00	0.00
23	SHORE PKWY WB FLATBUSH AVE OVERPASS	135	0	61	12	0	0	0.00	0.00
24	SHORE PKWY EB OFF RAMP TO NB FLATBUSH AVE	133	0	57	11	0	0	0.00	0.00
25	7TH AV AND 65TH ST	132	0	28	12	0	3	0.00	10.71
40	SHORE PKWY WB OFF RAMP TO PENNSYLVANIA AVE	104	0	43	13	0	0	0.00	0.00
43	SHORE PKWY WB OFF RAMP TO 14TH AVE/BAY 8TH ST	102	1	49	7	0	0	0.00	0.00
44	UTICA AV AND CLARENDON RD	101	1	43	9	0	1	0.00	2.33
45	LINDEN BL AND FOUNTAIN AV	101	0	57	3	0	2	0.00	3.51
54	SHORE PKWY WB ON RAMP FROM ROCKAWAY PKWY	94	0	44	12	0	0	0.00	0.00
58	GOWANUS EXPRESSWAY EASTBOUND	92	0	32	23	0	0	0.00	0.00
61	GOWANUS EXPWY EB6TH AVE UNDERPASS	89	0	33	10	0	0	0.00	0.00
67	SHORE PKWY WB OFF RAMP TO 4TH AV/FT HAMILTON PKWY	86	1	39	9	0	0	0.00	0.00
70	SHORE PKWY EB MILL BASIN UNDERPASS	83	1	47	7	0	0	0.00	0.00
76	FOSTER AV AND OCEAN PW	81	0	38	6	0	2	0.00	5.26
80	4TH AV AND 65TH ST	80	0	32	5	0	1	0.00	3.13
84	SHORE PKWY WB MILL BASIN UNDERPASS	78	1	37	7	0	0	0.00	0.00

TABLE F-1 (CONTINUED)
TOP 120 ACCIDENT LOCATIONS BY PEDESTRIAN ACCIDENT FREQUENCY

Overall Ranking	Location Description	Total Accidents	Fatal Accidents	Injury Accidents	PDO* Accidents	Pedestrian Accidents	Bicyclist Accidents	Percent of Injury Accidents that are Pedestrian	Percent of Injury Accidents that are Bicyclist
86	SHORE PKWY WB OFF RAMP TO FLATBUSH AVE	76	1	25	11	0	0	0.00	0.00
92	SHORE PKWY WB OFF RAMP TO WB I-278/VERRAZANO BR	74	0	27	17	0	0	0.00	0.00
96	GOWANUS EXPWY EB OFF RMP TO EB BELT PKWY/JFK AIRPORT	73	0	21	17	0	0	0.00	0.00
106	GOWANUS EXPWY 4TH AVE OVERPASS	70	0	25	11	0	0	0.00	0.00
109	LINDEN BL AND REMSEN AV	68	0	26	5	0	1	0.00	3.85
110	LINDEN BL AND ASHFORD ST	68	0	36	0	0	1	0.00	2.78
116	SHORE PKWY EB ON RAMP FROM EB I-278/VERRAZANO BR	67	0	19	15	0	0	0.00	0.00
119	FOSTER AV AND E 83RD ST	66	0	43	2	0	0	0.00	0.00
	TOTAL	12713	27	5670	1009	515	153	9.08	2.70

Source: NYS DOT, 1997-1999

**TABLE F-2
COMPARATIVE JOURNEY TO WORK DATA**

TRAVEL TO WORK 1990					
Place	By Car (including Taxi)	Total Transit	By Bicycle	By Walking	Total
NYC	1,086,750	1,651,096	9,643	340,077	3,087,566
Brooklyn	289,437	520,631	2,264	75,664	887,996
Study Area	178,264	238,887	947	31,679	449,777
TRAVEL TO WORK 2000					
Place	By Car (including Taxi)	Total Transit	By Bicycle	By Walking	Total
NYC	1,103,177	1,631,069	15,024	332,264	3,081,534
Brooklyn	280,450	511,486	4,846	78,933	875,715
Study Area	179,134	237,191	1,726	33,941	451,992
PERCENT CHANGE IN TRAVEL					
Place	By Car (including Taxi)	Total Transit	By Bicycle	By Walking	Total
NYC	1.51%	-1.21%	55.80%	-2.30%	-0.20%
Brooklyn	-3.10%	-1.76%	114.05%	4.32%	-1.38%
Study Area	0.49%	-0.71%	82.26%	7.14%	0.49%
MODE SHARE 1990					
Place	By Car (including Taxi)	Total Transit	By Bicycle	By Walking	
NYC	35.20%	53.48%	0.31%	11.01%	
Brooklyn	32.59%	58.63%	0.25%	8.52%	
Study Area	39.63%	53.11%	0.21%	7.04%	
MODE SHARE 2000					
Place	By Car (including Taxi)	Total Transit	By Bicycle	By Walking	
NYC	35.80%	52.93%	0.49%	10.78%	
Brooklyn	32.03%	58.41%	0.55%	9.01%	
Study Area	39.63%	52.48%	0.38%	7.51%	

Source: 1990-2000 US Census

**TABLE F-3
LARGE EMPLOYERS SOUTHERN BROOKLYN STUDY AREA**

Company	Address	Number of Employees/Students	Bicycle Facilities
Large Employers Inside the Study Area			
Rainbow Apparel CO*	1000 Pennsylvania Ave.	8000	
Source-Displays Brand Div*	744 Berriman St.	8000	
Victory Memorial Hospital*	699 92nd St.	1200	
Bayside Fuel Oil Corp*	1820 Cropsey Ave.	900	
Macy's*	5400 Avenue U	600	
Century 21*	472 86 th St. and 5 th Avenue.	500	
Key Food Coop*	8925 Avenue D	500	
Mamonides	4802 10 th Avenue and Fort Hamilton Pkwy.		
SUNY Downstate Hospital	Clarkson and New York Aves.		
Victory Memorial Hospital	699 92 nd St.		
Kings County Hospital/ University Hospital of Brooklyn	451 Clarkson Ave.		
Coney Island Hospital	2601 Ocean Pkwy.		Ocean Parkway Path
Brookdale University Hospital and Medical Center	Linden Blvd. and Amboy St.		
Beth Israel Medical Center -- Kings Highway	Kings Hwy. between E. 32 nd St. and New York Ave.		
Brooklyn Central Mail Facility	1050 Forbell St.		
Brooklyn Terminal Market	Remsen and D Aves.		
Employment Outside the Study Area			
JFK Airport		40,000	Shore parkway planned to connect
Downtown Brooklyn			
Manhattan			
Colleges			
Kingsborough Community College	2001 Oriental Blvd.	15,000	
Brooklyn College	2900 Bedford Ave. at Avenue H	15,000	Bedford Avenue Bicycle Lane, Guarded bicycle parking area.

**APPENDIX F-4
LAND USES AMENABLE TO NON-MOTORIZED TRANSPORTATION**

Facility Name	Location	Agency	Bicycle Facilities	Bicycle Parking
Major Attractions				
Aquarium for Wildlife Conservation	Surf Ave. & West 8th Street	Wildlife Conservation Society	Shore Pkwy. Connector Route	
Keyspan Ballpark at Steeplechase Park	Surf Ave., W 16 & W 19 Sts, Public Beach	NYC DPR	Shore Pkwy. Connector Route	racks at curb
Coney Island: Deno's Wonderwheel Park	Boardwalk at Denos Vourderis Place (formerly W. 12th St.)	Private	Shore Pkwy. Connector Route	
Astroland Amusement Park	1000 Surf Ave. (at West 10th Street)	Private	Shore Pkwy. Connector Route	
Nellie Bly Amusement Park	1824 Shore Pkwy. Service Rd (close to 26th Ave.)	Private	Shore Pkwy. Connector Route	
Major Parks				
Millennium Skate Park/ Owls Head Park	Shore Pkwy, Shore Rd, Colonial Rd, 68 St	NYC DPR	Sunset Park Connector, Shore Pkwy. Path	
Brighton & Coney Island Beaches and Boardwalk	Atlantic Ocean from Corbin Pl To W 37 St	NYC DPR	Ocean Pkwy. Path, Shore Pkwy. Connector Route	
Manhattan Beach	On Atlantic Ocean, Oriental Blvd., from Ocean Ave. to Mackenzie St.	NYC DPR		
Canarise Beach Park	Paerdegat Basin, Seaview Ave., Shore Pkwy, Jamaica Bay	NYC DPR	Shore Pkwy. Path	
Marine Park	Flatbush, Gerritsen & Fillmore Avenues, Jamaica Bay	NYC DPR	Shore Pkwy. Path	
Dyker Beach Park	Shore Pkwy, 86 St, 7 To 14 Avenues	NYC DPR	Shore Pkwy. Path	
Bensonhurst Park	Gravesend Bay, 21 & Cropsey Aves, Bay Pkwy	NYC DPR	Shore Pkwy. Path	
Dreier-Offerman Park	Gravesend Bay, Bay 44-bay 49 Sts, Shore Pkwy	NYC DPR	Shore Pkwy. Connector	
Brownsville Recreation Center	Linden Blvd., Mother Gaston and Christopher	NYC DPR		
Shore Pkwy. Greenway	Along Shore and Belt Pkwy.	NYC DPR	Shore Pkwy. Greenway	
Ocean Pkwy. Greenway	Medians on Ocean Pkwy.	NYC DPR	Ocean Pkwy. Greenway	

APPENDIX F-4 (CONTINUED)
LAND USES AMENABLE TO NON-MOTORIZED TRANSPORTATION

Facility Name	Location	Agency	Bicycle Facilities	Bicycle Parking
Gateway National Recreation Center				
Canarsie Pier	Shore Pkwy. at Rockaway Blvd.	National Parks Service	Shore Pkwy. Path	Racks inside gate
Plumb Beach	Shore Pkwy. South of Marine Park	National Parks Service	Shore Pkwy. Path	
Floyd Bennet Field	Southern Flatbush Ave., south of Shore Pkwy.	National Parks Service	Flatbush Ave. Path	
Bergan Beach	Shore Pkwy., East Mill Basin, Ave. Y	National Parks Service	Shore Pkwy. Path	
Recreational Destinations Outside Study Area				
Fort Tilden, Breezy Point	West Rockaway	National Parks Service	Pedestrian walkway over Marine Pkwy. Bridge	
Jacob Riis Beach Park	Jacob Riis Park Road, Gill Hodges Bridge and Beach 146 St	National Parks Service	Part of Jamaica Bay Greenway, planned routes	
Prospect Park and Parade Grounds	Parkside Ave., Ocean Ave., Prospect Park SW.	NYC DPR	Sunset Park Connector	Racks near picnic house
Sunset Park	44th St. and 7th Ave.	NYC DPR	Sunset Park Connector	

TABLE F-5
CONNECTION OF BICYCLE FACILITIES TO PLANNED AND ANTICIPATED DEVELOPMENT ACTIVITY

Project	Location	Type	Build Year	Units	Size (SF)	Bicycle Facilities
Retail						
Home Depot	Bay, 53 rd St., Cropsey Avenue	Big Box Retail	2001		170,000	Shore Parkway Path
Flatbush Junction	Avenue H, Flatbush, Nostrand Avenue	Shopping Center	Deferred		457,000 (may be scaled back)	Bedford Avenue Bike Lane
Gateway Estates	Flatlands, Fountain, Shore Pkwy	Mixed Use (see residential below)	2001 – 2002		640,000	Shore Parkway Path. New connection.
Residential						
(New Construction)	1426C Loring Street	2-3 Family Townhouse	2002	63		
(New Construction)	1426 Loring Avenue	2-3 Family Townhouse	2002	65		
Oceana	Brighton Beach Avenue	Condominiums	2001 – 2002	850		
East New York I URA	Van Sinderen, Linden, New Lots	UDAAP Row House, 40 UR sites	2002 – 2003	550		
Council Towers II, III, IV	99 Vandalia, Penn., Louisiana	Senior 202	2001	366		
Mill Basin	Flatbush, U, 64th, Mill, Strickland	Senior 202 Assisted Living	2001 – 2002	98		
Mill Basin	Flatbush, U, 64th, Mill, Strickland	Townhouse	Undetermined	40		Flatbush Shore Parkway Path.
Gateway Estates	Flatlands, Fountain, Shore Pkwy	UDAAP Mixed Use	2003+	2,200		Shore Parkway Path. New connection.
Ocean Hill URA Amendment	Various CD 16 Sites	Moderate Income Homeownership	2005	500		
East New York URA Expans.	Various CD 16 Sites	Moderate Income Homeownership	2005	500		
East New York New Fndtns.	Various CD 5 Sites	Moderate, Middle Income	2002	250		
Housing Partnership		Homeownership				
Bergen Beach/Georgetown New Residential	Bergen Beach/Georgetown	2-family	2002	200		Shore Parkway, no community connection.
Other						
Bensonhurst Theater, Retail	1180 Shore Parkway	3500 SF Movie, 40000 Retail	Undetermined		43,500	Shore parkway path. Not fully accessible

**TABLE F-6
PEDESTRIAN AND BICYCLE COUNT LOCATIONS**

		Intersection		Criteria			
		Street 1	Street 2	Transit	Pedestrian Accidents	Bicycle Accidents	Other
1	Pedestrian Count Locations	86th St.	4th Avenue	R	12	0	Major retail corridor
2		Church Avenue	McDonald Avenue	F	11	0	Major retail corridor
3		Flatbush Avenue	Church Avenue	Q, W	22	4	Commercial district, central bike route
4		65th St.	8th Avenue	N	10	1	Major retail corridor
6		Utica Avenue	Church Avenue		18	2	Major retail corridor
7		Flatlands Avenue	Rockaway Pkwy.	L	14	2	Access to greenway, recreational facilities, transit hub
8		Bay Parkway	86th St.	M, W	13	0	Transit hub
9		Bay Parkway	65th St.	N	12	1	Transit hub
10		Flatbush Avenue	Nostrand Avenue	2,5	12	5	Commercial district, transit hub, public facilities.
11		Flatbush Avenue	Avenue U	2,3,9, 41, 46, q 35, 78	18	4	Transit hub
12		Bicycle Count Locations	Rockaway Parkway	Avenue N			
13	Coney Island Avenue		Neptune Avenue		11	1	Major retail corridor, access to recreation. Existing signed bike route
14	Bay Parkway		Cropsy Avenue		4	5	Access to greenway, potential future route
15	Sunset Park Connector (Leif Ericson Park)			N/A	N/A	Existing bike lane	
16	Shore Parkway Path at Knapp St			N/A	N/A	Existing greenway	
17	Shore Parkway Path at Flatbush Avenue			N/A	N/A	Existing greenway	
18	Bedford Avenue		Linden Blvd.		5	4	Existing bike lane
19	Ocean Parkway at Beverly Rd.			N/A	N/A	Existing greenway	
20	Linden Blvd.		Van Siclen Avenue		6	5	Route to major new development

**TABLE F-7
PEDESTRIAN SPOT COUNT SUMMARY**

	Time	86th St. & 4th Ave.	Church Ave. & McDonald Ave.	Flatbush and Church	65th St. & 8th Ave.	Nostrand Ave. & Kings Highway	Utica Ave. & Church Ave.	Flatlands Ave. & Rockaway Pkwy.	Bay Parkway & 86th St.	Bay Parkway & 65th St.	Flatbush Ave. & Nostrand Ave.	Time	Flatbush and U*	
		Pedestrians											Pedestrians	
Midday	15 minute intervals											AM Peak	15 minute intervals	
	1 hour intervals												1 hour intervals	
	12:00 PM - 12:15 PM	342	225	572	54	68	454	95	540	124	558		7:30-7:45	29
	12:15 PM - 12:30 PM	311	121	473	42	57	463	81	533	79	481		7:45-8:00	31
	12:30 PM - 12:45 PM	347	161	486	44	59	397	84	558	96	501		8:00-8:15	49
	12:45 PM - 1:00 PM	357	161	446	35	72	405	109	392	150	503		8:15-8:30	31
	12:00 PM - 1:00 PM	1357	668	1977	175	256	1719	369	2023	449	2043		7:30-8:30	140
	1:00 PM - 1:15 PM	328	140	434	60	68	392	78	449	131	494		8:30-8:45	49
	1:15 PM - 1:30 PM	355	139	400	24	71	398	71	532	99	454		8:45-9:00	48
	1:30 PM - 1:45 PM	364	123	528	51	116	314	139	502	108	518		9:00-9:15	57
	1:45 PM - 2:00 PM	337	134	395	29	111	317	95	496	108	482		9:15-9:30	47
1:00 PM - 2:00 PM	1384	536	1757	164	366	1421	383	1979	446	1948	8:30-9:30	199		
2 hour peak volumes	2741	1204	3734	339	622	3140	752	4002	895	3991		339		
PM Peak	4:30 PM - 4:45 PM	445	269	771	50	115	379	166	475	135	772	PM Peak	3:00 - 3:15	305
	4:45 PM - 5:00 PM	432	250	528	71	64	476	120	457	181	689		3:15 - 3:30	398
	5:00 PM - 5:15 PM	396	237	549	75	103	466	191	522	136	693		3:30 - 3:45	415
	5:15 PM - 5:30 PM	365	210	459	75	134	502	191	541	167	765		3:45 - 4:00	385
	4:30 PM - 5:30 PM	1638	966	2307	271	416	1823	668	1995	619	2919		3:00 - 4:00	1503
	5:30 PM - 5:45 PM	451	261	647	103	120	471	191	508	173	755		4:00 - 4:15	359
	5:45 PM - 6:00 PM	390	182	474	45	84	502	244	496	140	853		4:15 - 4:30	368
	6:00 PM - 6:15 PM	405	193	503	61	130	393	180	479	137	746		4:30 - 4:45	361
	6:15 PM - 6:30 PM	360	241	420	109	87	347	147	493	143	726		4:45 - 5:00	466
5:30 PM - 6:30 PM	1606	877	2044	318	421	1713	762	1976	593	3080	4:00-5:00	1554		
2 hour peak volumes	3244	1843	4351	589	837	3536	1430	3971	1212	5999		3057		

• Counts conducted September 2000

**TABLE F-8
BICYCLE SPOT COUNT SUMMARY**

Time		Roackaway Pkwy & Avenue N	Coney Island Ave & Neptune Ave (Shore Parkway Connector)	Bay Parkway & Cropsy Ave	Sunset Park Connector (Leif Ericson Park)	Shore Parkway at Knapp St.	Shore Parkway Path & Flatbush Ave	Bedford Ave and Linden Blvd.	Ocean Parkway at Beverly Road	Linden Blvd. & Van Steden Ave
		Mid-day weekend						Weekday		
Bicycles per hour										
12:00 PM	1:00 PM	31	19	27	1		68	12	23	8
1:00 PM	2:00 PM	16	20	38	0		87	18	15	10
15 minute intervals										
12:00 PM	12:15 PM	1	4	6	0	5	36	6	5	4
12:15 PM	12:30 PM	8	5	5	1	9	11	2	7	1
12:30 PM	12:45 PM	9	4	5	0	2	7	4	6	0
12:45 PM	1:00 PM	13	6	11	0	19	14	0	5	3
1:00 PM	1:15 PM	4	3	13	0	16	20	2	2	2
1:15 PM	1:30 PM	6	6	9	0	11	25	6	7	4
1:30 PM	1:45 PM	2	4	10	0	8	18	8	3	2
1:45 PM	2:00 PM	4	7	6	0	9	24	2	3	2
2 hour peak volumes		47	39	65	1	79	155	30	38	18
Bicycles per hour										
4:30 PM	5:30 PM							17	39	26
5:30 PM	6:30 PM							22	49	20
15 minute intervals										
4:30 PM	4:45 PM							2	6	7
4:45 PM	5:00 PM							2	11	12
5:00 PM	5:15 PM							4	5	5
5:15 PM	5:30 PM							9	17	2
5:30 PM	5:45 PM							7	13	4
5:45 PM	6:00 PM							7	11	11
6:00 PM	6:15 PM							9	12	1
6:15 PM	6:30 PM							11	13	4
2 hour peak volumes								51	88	46