

APPENDIX D
TRAFFIC

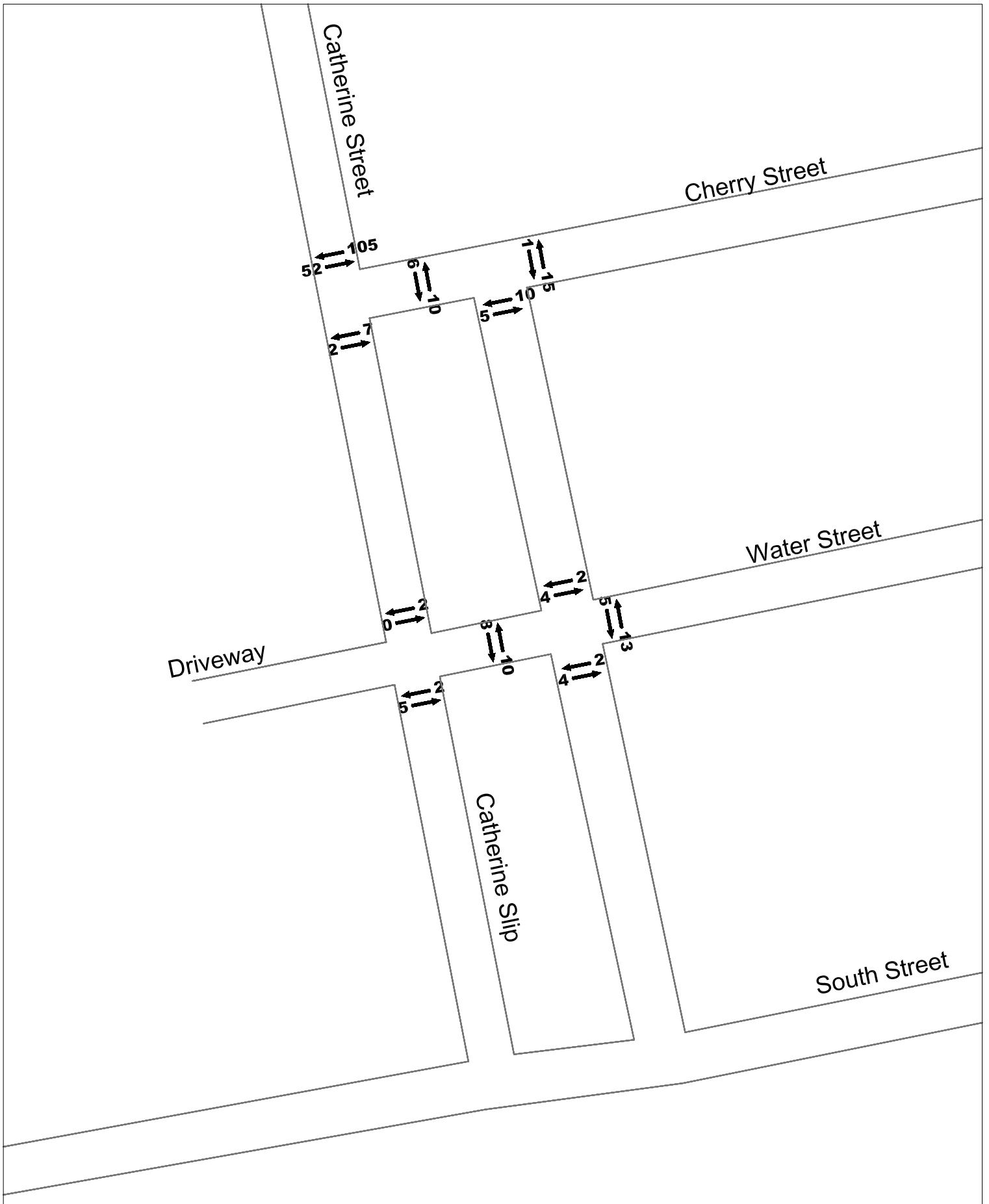


Figure 1
2008 Existing AM Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

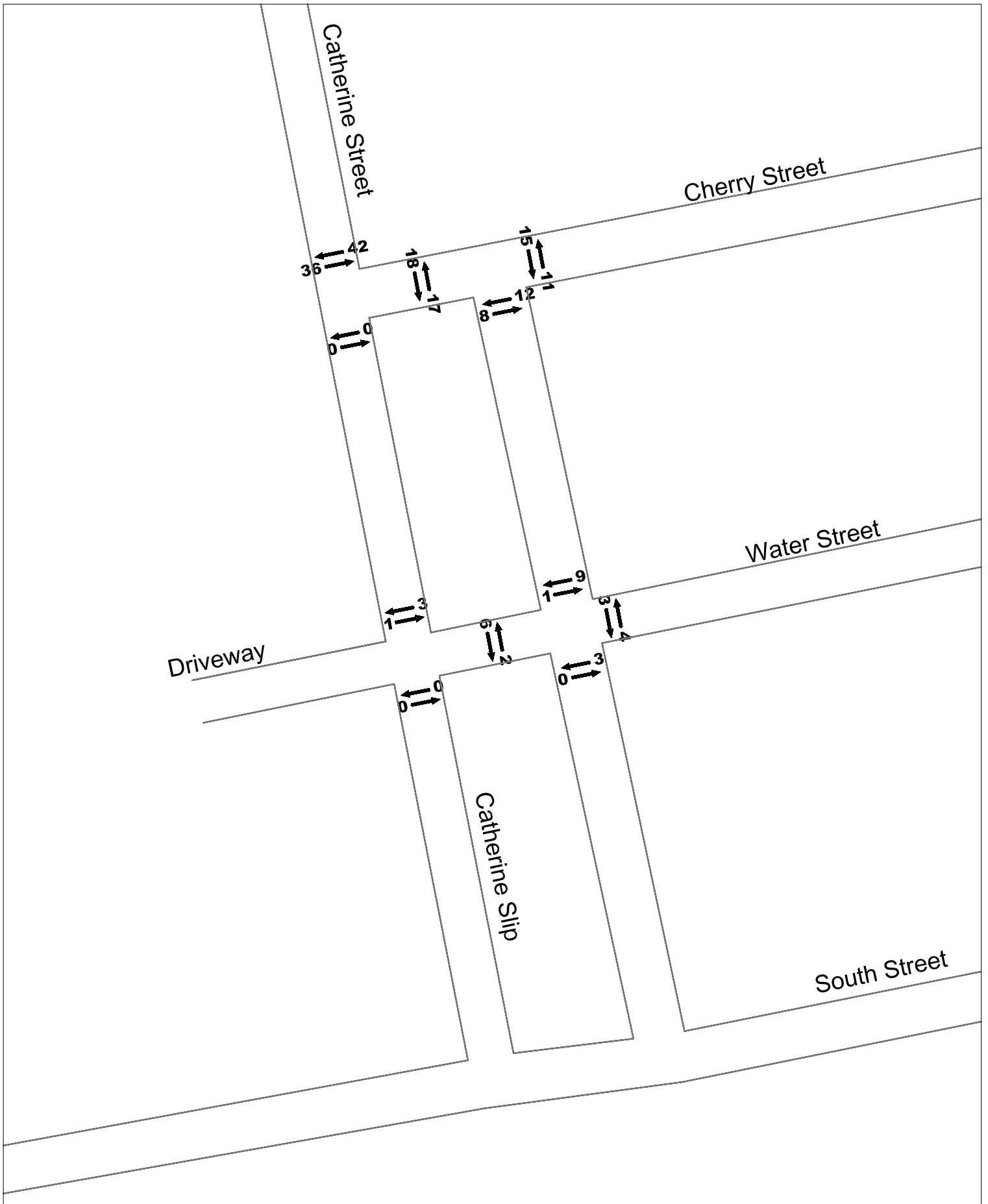


Figure 2

2008 Existing Midday Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
Lower Manhattan Development Corporation

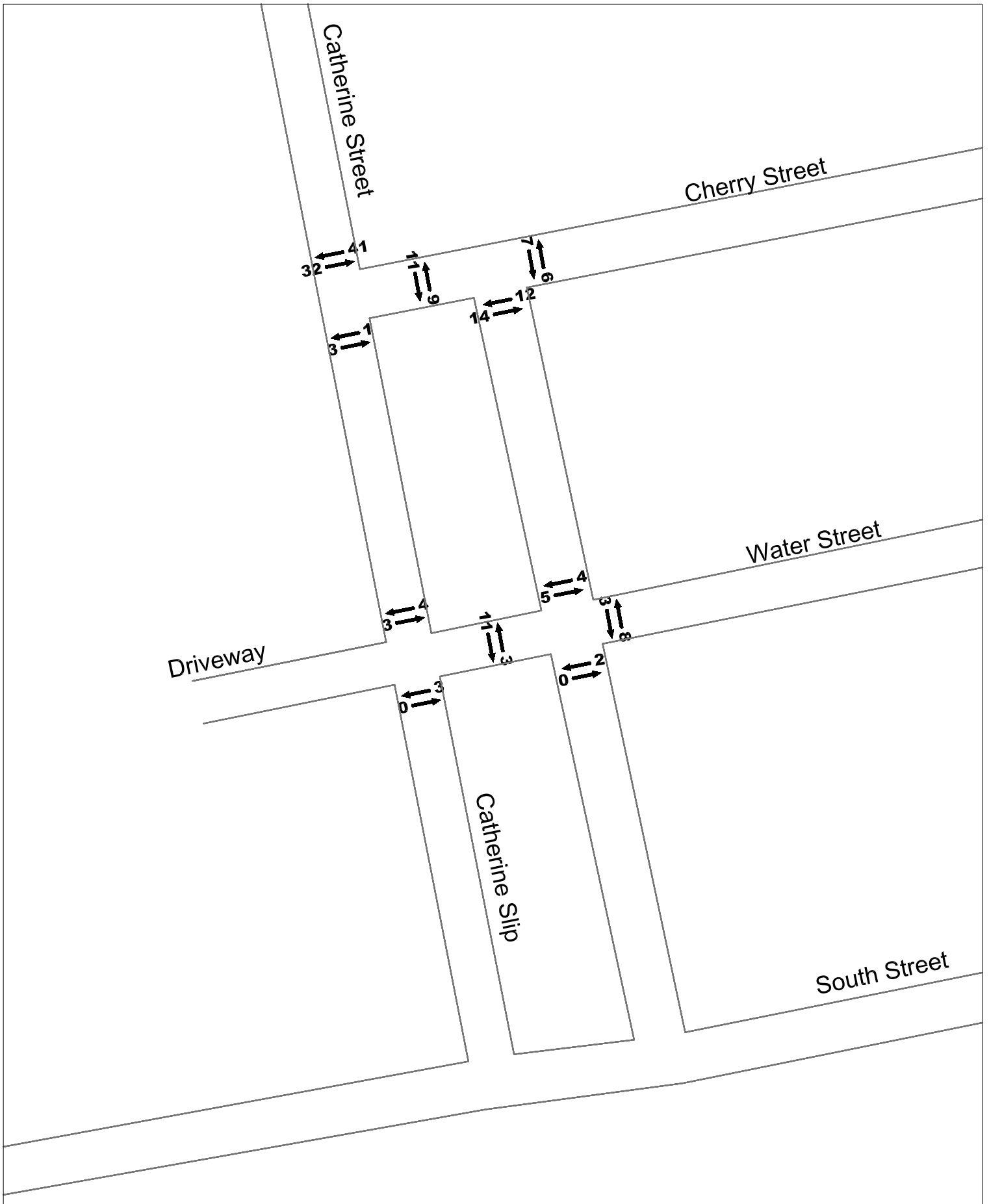


Figure 3
2008 Existing PM Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

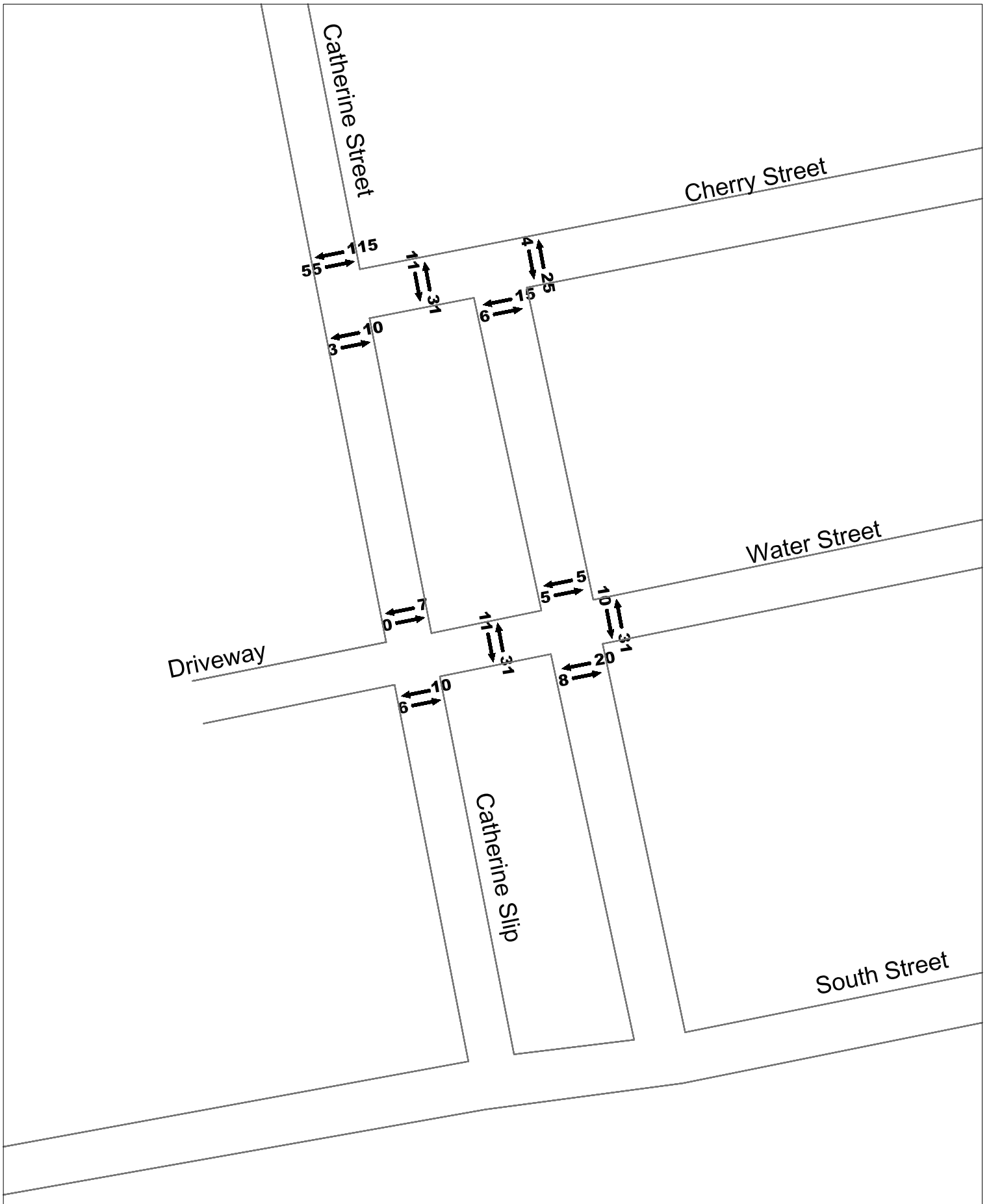


Figure 4
2010 No Build AM Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

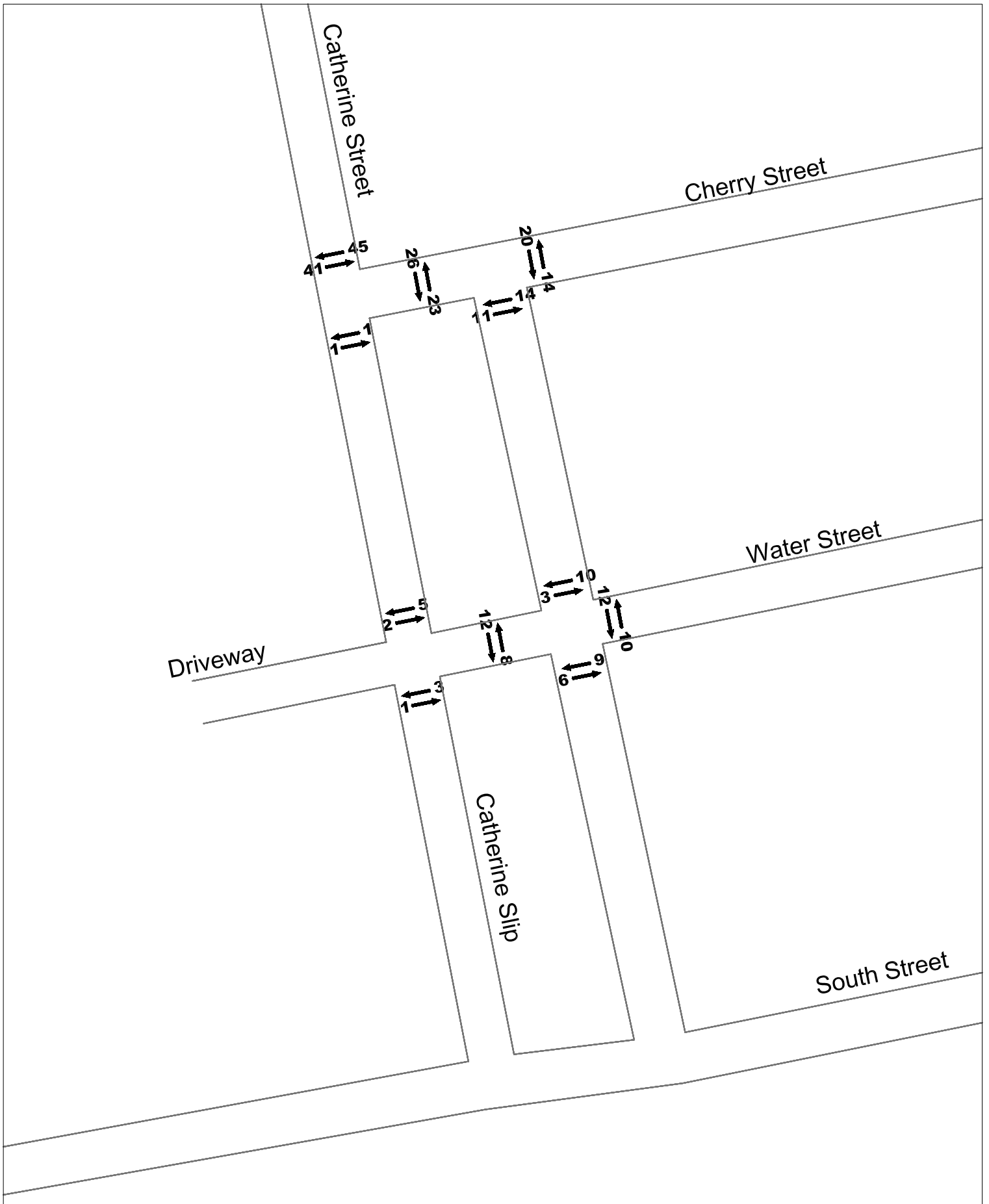


Figure 5

2010 No Build Midday Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
Lower Manhattan Development Corporation

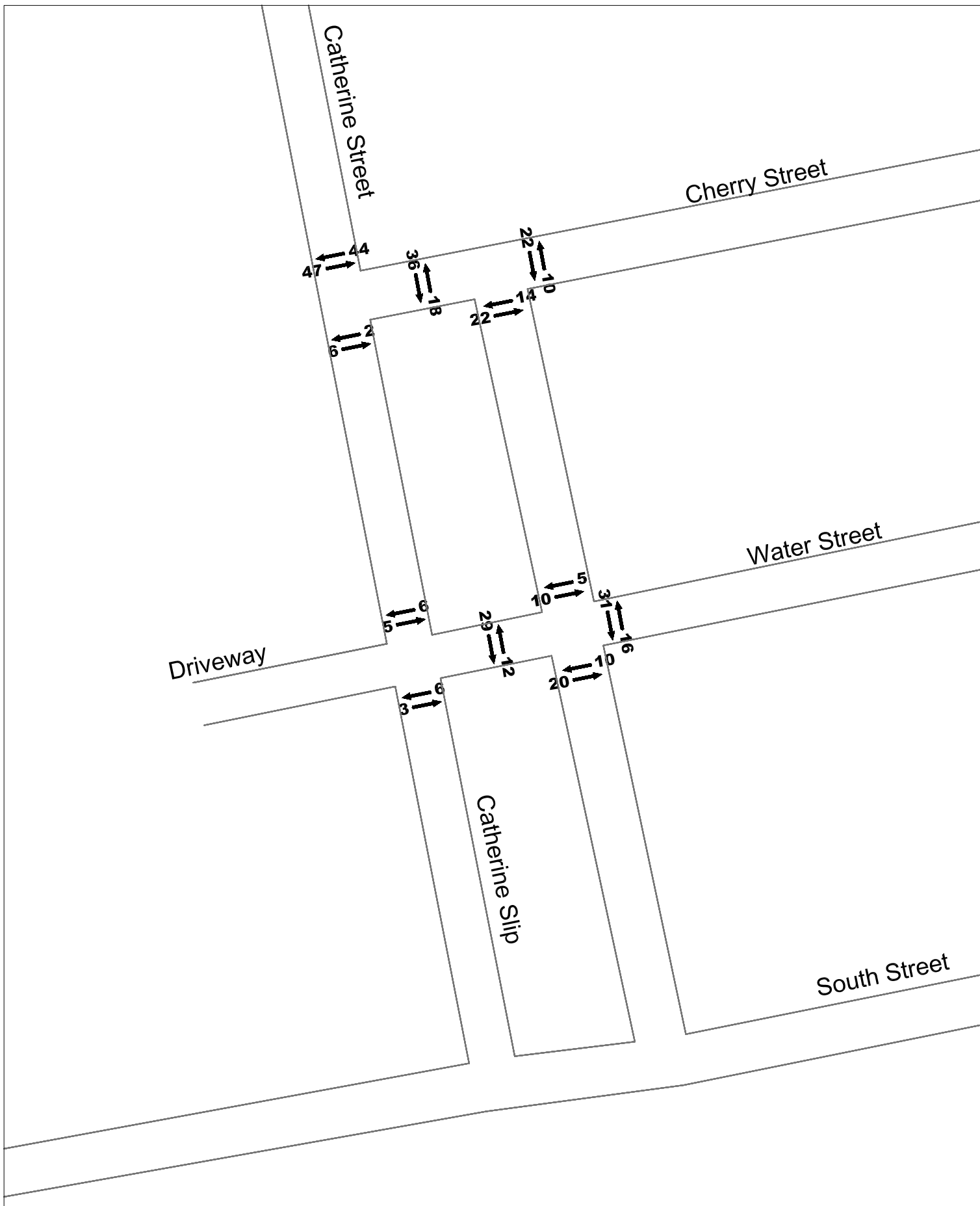


Figure 6
2010 No Build PM Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

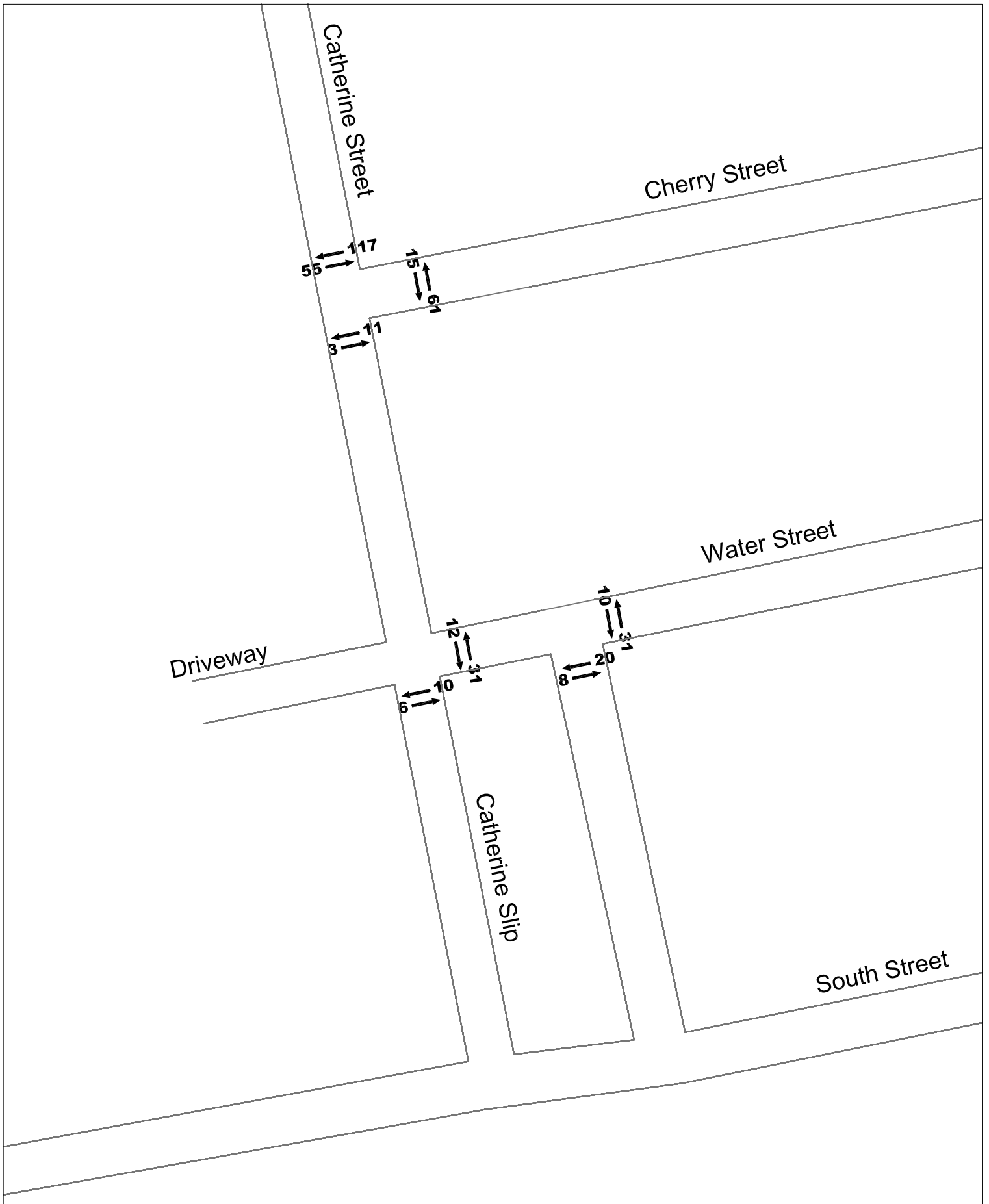


Figure 7
2010 Build AM Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

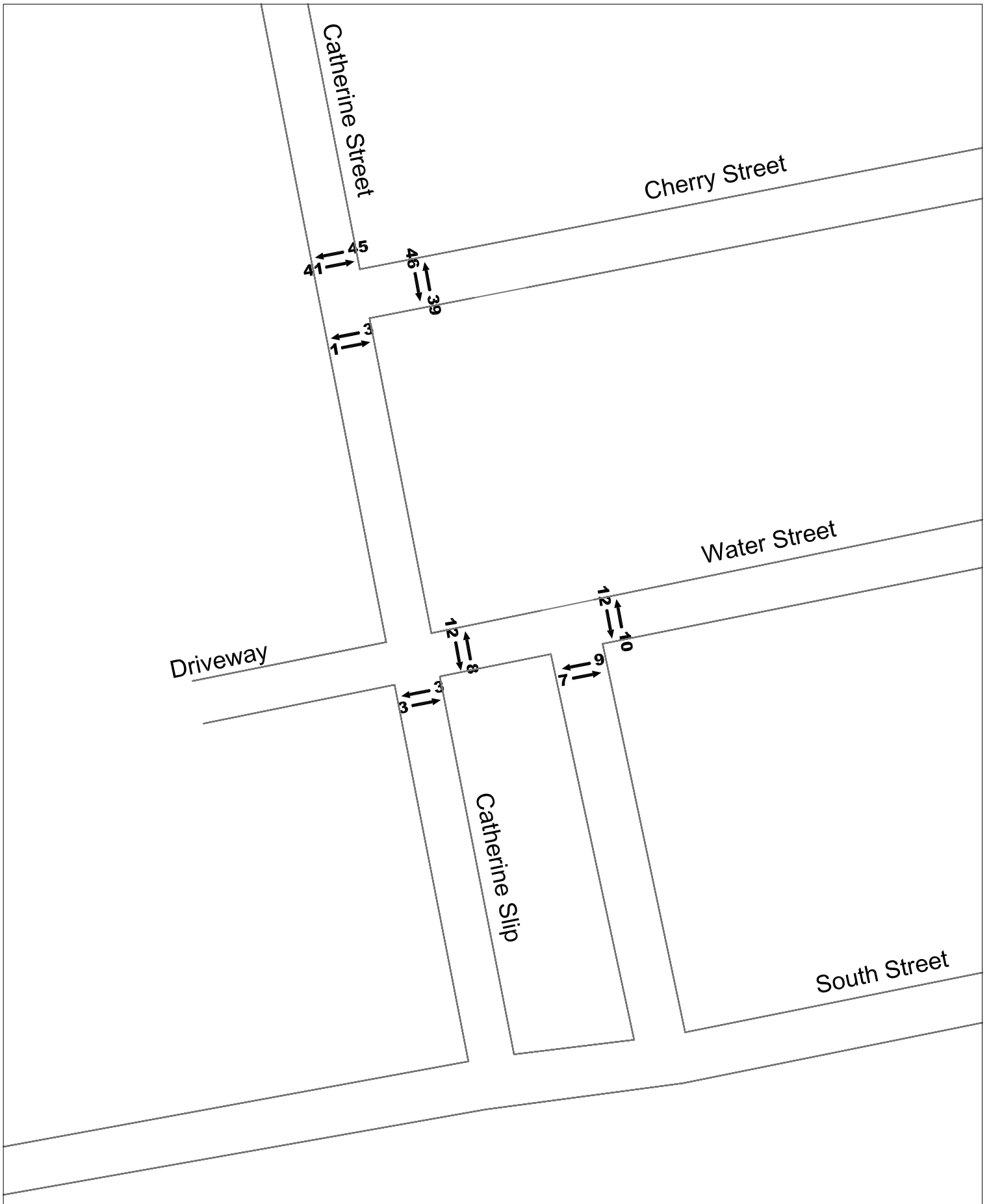


Figure 8
2010 Build Midday Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

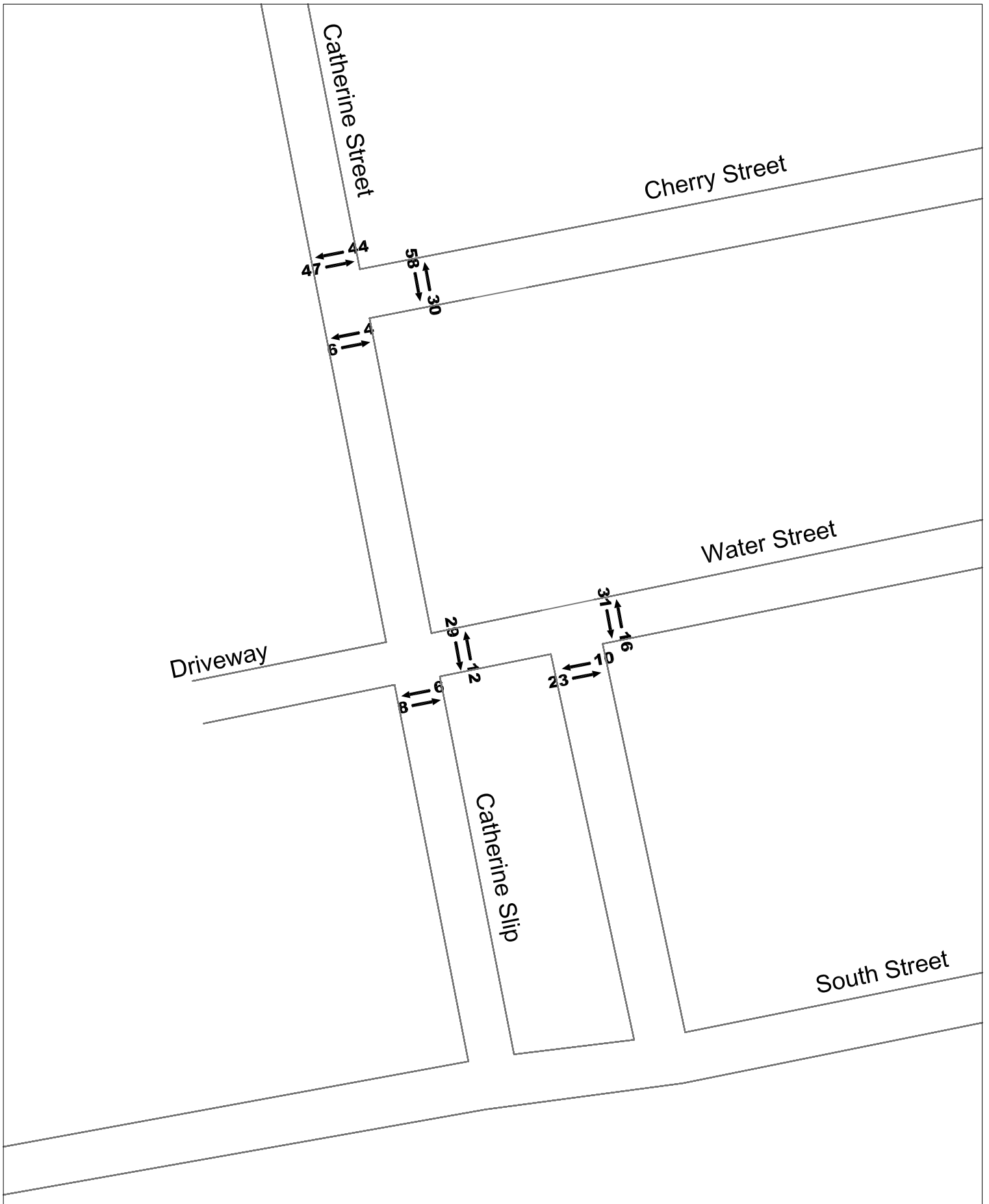


Figure 9
2010 Build PM Peak 15 Minute Pedestrian Volumes

East River Waterfront Access EA
 Lower Manhattan Development Corporation

Table 1

Pedestrian Crosswalk Level of Service of Summary

Intersection & Crosswalk	2008 Existing						2010 No Build						2010 Build					
	<u>AM</u>		<u>Midday</u>		<u>PM</u>		<u>AM</u>		<u>Midday</u>		<u>PM</u>		<u>AM</u>		<u>Midday</u>		<u>PM</u>	
	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS	Circulation Area/Ped (ft ² /ped)	LOS
Signalized Intersections																		
Catherine Street SB & Cherry Street																		
East Crosswalk	594.3	A	291.9	A	594.3	A	297.1	A	233.5	A	191.2	A	146.2	A	127.7	A	125.6	A
North Crosswalk	50.3	B	104.1	A	119.0	A	44.3	B	92.6	A	92.6	A	34.9	C	75.2	A	75.2	A
South Crosswalk	821.9	A	⊕ ⊕		1849.2	A	732.5	A	3863.3	A	734.9	A	557.8	A	1507.5	A	567.4	A
Unsignalized Intersections																		
	<u>AM</u>		<u>Midday</u>		<u>PM</u>		<u>AM</u>		<u>Midday</u>		<u>PM</u>		<u>AM</u>		<u>Midday</u>		<u>PM</u>	
	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS
Catherine Street NB & Cherry Street																		
East Crosswalk	3.2	A	2.2	A	3.4	A	3.2	A	2.2	A	3.6	A	X X	X X	X X	X X	X X	X X
Catherine Street NB & Water Street																		
East Crosswalk	5.5	B	3.8	A	4.6	A	5.8	B	3.7	A	4.7	A	7.3	B	4.5	A	5.6	B
North Crosswalk	0.9	A	0.5	A	0.6	A	1.0	A	0.5	A	0.6	A	X X	X X	X X	X X	X X	X X
South Crosswalk	1.4	A	1.2	A	1.2	A	1.8	A	1.2	A	1.3	A	1.2	A	0.8	A	0.9	A
Catherine Street SB & Water Street																		
East Crosswalk	3.6	A	2.3	A	2.9	A	3.7	A	2.3	A	2.9	A	2.2	A	1.4	A	1.8	A
North Crosswalk	25.7	D	17.8	C	24.5	D	27.7	D	18.4	C	26.5	D	X X	X X	X X	X X	X X	X X
South Crosswalk	10.7	C	9.5	B	11.0	C	10.7	C	9.8	B	12.2	C	3.4	A	3.0	A	3.6	A
Notes:																		
⊕ 0 peds/sec were observed during the peak 15-min period																		
X Crosswalk would not exist																		

Table 2
East River Waterfront Access EA
2008 Existing Conditions: On-Street Parking Regulations, Capacity, and Occupancy

Catherine Street (SB)																									
Between		East side									West side														
		Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied			Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied		
From	To	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM
Henry St	Madison St	NPA									NPA														
Madison St	Monroe St	NP 11A-12:30P Tue & Fri; NPA									NP 11A-12:30P Tue & Fri; NS 7A-4P School Days Except MIU vehicles														
Monroe St	Cherry St	NP 11A-12:30P Tue & Fri; NPA									NSA; NP 11A - 12:30P Tue & Fri; NS 7A-4P School Days; Dept. of Education; NP 11A - 12:30P Mon & Thu														
Cherry St	Water St	NP 11A - 12:30P Tue & Fri; NSA									NP 11A-12:30P Mon & Thu														
Water St	South St	NP 11A - 12:30P Tue & Fri									NP 11A-12:30P Mon & Thu; NSA														

Catherine Street (NB)																									
Between		East side									West side														
		Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied			Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied		
From	To	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM
Cherry St	Water St	NP 11A-12:30P Tue & Fri									NP 11A-12:30P Mon & Thu														
Water St	South St	None									NPA														

Market Slip																									
Between		East side									West side														
		Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied			Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied		
From	To	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM
Cherry St	Water St	NP 11A-12:30P Tue & Fri									NP 11A-12:30P Mon & Thu; Angle Parking Only														
Water St	South St	NP 3A - 6A Tue, Thu, Sat; NP 11A-12:30P Tue & Fri									NS except trucks loading & unloading														

Cherry Street																									
Between		North side									South side														
		Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied			Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied		
From	To	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM
Catherine St (SB)	Catherine St (NB)	NP 11A-12:30P Mon & Thu									None														
Catherine St (NB)	Market Street	NP 11A-12:30P Mon & Thu									NPA; NP 11A-12:30P Tue & Fri														

Water Street																									
Between		North side									South side														
		Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied			Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied		
From	To	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM
Catherine St (SB)	Catherine St (NB)	NPA									None														
Catherine St (NB)	Market St	NP 11A-12:30P Mon & Thu									NP 11A-12:30P Tue & Fri														

South Street																									
Between		North side									South side														
		Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied			Regulation(s)			Legal Spaces			Legal Spaces Occupied			Illegal Spaces Occupied		
From	To	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM	AM	M	idday	PM
Catherine St (SB)	Catherine St (NB)	NSA									None														
Catherine St (NB)	Market St	NP Mon-Fri 8A-6P; NS except trucks loading & unloading									NSA; Bus Layover Zone, NS except Auth. Buses														

Parking Supply Summary - 2008 Existing Conditions

	AM	MD	PM
Total Legal Spaces Available	214	197	197
Total Spaces Occupied	227	252	241
Legal Spaces Occupied	181	184	182
Illegal Spaces Occupied	46	68	59
Percent Occupied Legally	85%	93%	92%
Percent Occupied Legally & Illegally	106%	128%	122%