

### **A. INTRODUCTION**

This appendix provides the technical memorandum which details the planning assumptions included in the methodology for future parking utilization. Significant factors discussed in the methodology include proposed parking requirements for the zoning action, anticipated parking availability for unique structures, and trip assignments for private autos, taxis, and trucks.

This second section of this appendix presents detailed calculations of existing off-street parking capacity and utilization by parking facility. The final section of this appendix includes a spreadsheet summarizing the overall existing and projected parking utilization by analysis period, including the amount of parking to be created in the Future without the Proposed Action or replaced in the Future with the Proposed Action. This final sheet also presents the conclusions of the parking analysis. Each analysis period is calculated individually and the significant proposed land uses are highlighted, including the proposed rezoning action, expansion of the Convention Center, relocation of Madison Square Garden, and construction of the Multi-Use Facility.



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**FINAL**

**MEMORANDUM**

**TO:** G. Price, NYC Department of City Planning  
M. Amjadi, NYC Department of City Planning

**FROM:** S. McMillan / E. Metzger

**DATE:** October 16, 2003

**RE:** Preparation of a Draft and Final Environmental Impact Statement and Provision of Transit Engineering Services for the Proposed No. 7 Subway Extension-Far West Midtown Manhattan Rezoning

**SUBJECT:** Parking Assumptions and Related Traffic Assignment Methodology

**CIN:** MTA-NYCT/CM 1189R-C26501-00-C-1.00-DCP-03F-1645

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### **Introduction**

Several assumptions have been made to assign the project-generated traffic to/from the development sites. The critical assumption is that zoning regulations will be developed by the Department of City Planning (DCP) to include parking requirements to meet the projected parking demand in order to avoid a future parking shortfall in the rezoning area. Preliminary parking rates have been developed based on this overlying assumption in order to assist in the development of traffic assignments.

### **Parking Availability**

Based on direction from DCP, the following assumptions have been made regarding the future availability of parking at the development sites:

- Site 1 – Parking will be limited to the addition of 450 spaces.
- Site 31 – Parking will be limited to 80% of the preliminary parking rates because 20% of this site would be decked.
- Sites 2, 4, 6, 34, 45 – No parking will be provided because these sites would be fully decked.
- Jacob Javits Convention Center (Convention Center) – 350 public parking spaces will be provided as part of the proposed hotel development. The proposed parking in the marshalling yards area will not be publicly accessible.
- Multi-Use Facility – No public parking will be provided.
- Midblock Boulevard – A 950-space underground parking facility will be provided with a vehicular entrance at 36<sup>th</sup> Street. It is assumed that the facility will provide pedestrian access to adjacent development sites (including sites 1 and 6).
- All Other Development Sites – Sufficient parking capacity will be provided to meet site-generated parking demand.

The attached table indicates how the midday parking demand is expected to be distributed for sites with limited or no parking availability. Parking demand during the midday period is anticipated to represent the worst-case scenario, as it is the peak for the most parking generators. For all other analysis periods, site-generated traffic will be assigned to parking facilities based on the proportions developed from the midday parking demand.



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Additional parking accommodation assumptions include:

- All traffic generated by a site will be assigned to the parking facility at that site if there is sufficient capacity. If there is no parking facility on the site or insufficient parking capacity, then the traffic will be assigned to nearby parking facilities with available capacity.
- Incremental parking demand associated with Madison Square Garden, the Convention Center, and the Multi-Use Facility will be assigned to nearby parking facilities with available capacity during the special event analysis periods.
- Some of the existing parking demand for the Convention Center will shift to parking facilities with available capacity as several existing parking lots will be displaced by the proposed action. As this shift will be accommodated by new parking facilities in the same area, this will not result in a change to the existing balanced traffic network.

### **Parking Facility Entrances: Auto Assignments**

The location of the entrances to the off-street parking facilities will be based on the following logical assumptions:

- As part of the proposed rezoning and redevelopment, most crosstown streets surrounding the Midblock Boulevard will have sidewalks widened by either five or ten feet. Parking facility entrances for the sites surrounding the boulevard will be assumed on the crosstown street with the smaller proposed sidewalk widening.
- Parking facility entrances will not be assumed on 34<sup>th</sup> or 42<sup>nd</sup> Streets if a development site also has frontage on a second crosstown street.
- Where possible, entrances to parking facilities will assumed be on crosstown streets instead of avenues.

### **Loading Docks: Truck Assignments**

At sites with parking facilities, truck loading/unloading locations will be assumed along the same blockface as the parking facility entrance. At sites without parking facilities, trucks will be assigned to/from a blockface using the same assumptions as the parking facility entrances described above.

### **Passenger Drop-off/Pickup Locations: Taxi Assignments**

The drop-off/pickup locations for taxi trips will be assumed at one of the four corners of the development sites.

2003 Existing Off-Street Parking Conditions

Map No.	Name	Address	License Number	Licensed Capacity	Weekday Midday (12 PM - 2 PM)		Weekday Overnight (12 AM - 5 AM)		Weekday Evening (6 PM - 9 PM)		Sunday Afternoon (1 PM - 4 PM)	
					Utilization Rate	Available Capacity	Utilization Rate	Available Capacity	Utilization Rate	Available Capacity	Utilization Rate	Available Capacity
1	514 West Corp.	510 W. 23rd St.	920084 920085	161	90%	16	(NOT APPLICABLE)	40%	97	70%	48	
2	249 Parking Corp.	249 Tenth Ave.	427868	120	100%	0	(NOT APPLICABLE)	20%	96	65%	42	
3	Impark 25 LLC	545 W. 25th St.	1102256	160	30%	112	30%	112	10%	144	10%	144
4	Central Parking System of NY Inc.	560 W. 26th St.	1133628	50	75%	13	35%	33	45%	28	60%	20
5	W. 26th St. Parking Corp.	279-283 Tenth Ave.	892932	160	80%	32	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	10%	144
6	Kaz Systems Inc.	282 Eleventh Ave/ 547 W. 28th St.	989662	134	100%	0	40%	80	20%	107	35%	87
7	29 Operating Corp.	613 W. 29th St.	1066115	46	75%	12	(CLOSED)	(CLOSED)	40%	28	85%	7
8	Enterprise 30th St. Garage Inc.	529-539 W. 29th St.	1083289	150	60%	60	90%	15	40%	90	80%	30
9	Enterprise 30th St. Parking LLC	506-530 W. 30th St.	1082418	113	95%	6	35%	73	45%	62	60%	45
10	Enterprise 30th St. Parking LLC	343 Tenth Ave.	1060717	50	80%	10	35%	33	45%	28	60%	20
11	Madison Square Parking Corp.	359-363 Ninth Ave.	993927	40	100%	0	80%	8	40%	24	50%	20
12	Tunnel Parking Corp.	425 W. 31st St.	1014335	145	90%	14	(CLOSED)	(CLOSED)	100%	0	55%	65
13	Edison Ninth Ave. Parking Corp.	412-422 W. 33rd St.	428456 898031	115	80%	23	35%	75	50%	58	50%	58
14	Edison Ninth Ave. Parking Corp.	401-422 Ninth Ave.	696486	92	100%	0	75%	23	20%	74	45%	51
15	Joseph Gutman	408 W. 34th St.	369196	25	100%	0	25%	19	70%	8	30%	18
16	NJ Parking Inc.	431 W. 33rd St.	904655	77	100%	0	(CLOSED)	(CLOSED)	50%	39	10%	69
17	Central Parking System Inc.	441 Ninth Ave.	367203	160	80%	32	(CLOSED)	(CLOSED)	20%	128	(CLOSED)	(CLOSED)
18	Kinney 444 Tenth Ave. Inc.	444 Tenth Ave.	973033	25	80%	5	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	5%	24
19	34 St. Parking Corp.	435 Tenth Ave.	976181	99	100%	0	(CLOSED)	(CLOSED)	30%	69	50%	50
20	509 W. 34th St. Garage Corp.	509-525 W. 34th St.	427580	200	90%	20	(CLOSED)	(CLOSED)	30%	140	75%	50
21	Impark HSW LLC	452-464 Tenth Ave.	1104816	121	85%	18	(CLOSED)	(CLOSED)	60%	48	15%	103
22	Kinney 444 Tenth Ave. Inc.	447-451 W. 35th St./ 434 W. 36th St.	973032 973035	52	95%	3	45%	29	50%	26	35%	34
23	Central Parking System	415 W. 35th St.	1085596	52	60%	21	35%	34	20%	42	25%	39
24	Edison NY Parking LLC	611 Ninth Ave./ 409 W. 35th St.	976953 976955	154	90%	15	10%	139	50%	77	60%	62
25	Allright Parking NYC LLC	416 W. 36th St.	1005470	28	100%	0	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)
26	Ninth Avenue Parking LLC	404 W. 37th St.	1142024	165	90%	17	30%	116	65%	58	25%	124
27	EZ Sprint Ltd.	517-525 W. 36th St.	999365	25	100%	0	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	80%	5
28	West Side Express Corp.	456-458 Eleventh Ave.	1134101	20	60%	8	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	15%	17
29	37-38 Parking Corp.	505-519 W. 37th St. / 505-514 W. 38th St.	1134151	135	40%	81	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	80%	27
30	Central Parking System of NY Inc.	485 Tenth Ave.	1113132	55	80%	11	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	80%	11
31	Tenth Avenue Garage Corp.	498 Tenth Ave.	1094780	110	80%	22	10%	99	75%	28	20%	88
32	Kinney West 37th St. Inc.	437 W. 37th St.	963895	52	60%	21	10%	47	45%	29	75%	13
33	Fast Park Systems Inc.	405 W. 38th St.	951389	30	100%	0	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	10%	27
34	Central Parking System	519-521 Ninth Ave.	1099325	91	80%	18	35%	59	50%	46	25%	68
35	Meysers Parking System Inc.	541-551 W. 38th St./ 536-542 W. 39th St.	805100	221	90%	22	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	20%	177
36	Mutual LLC	470 Eleventh Ave.	982961	12	50%	6	(CLOSED)	(CLOSED)	10%	11	20%	10
37	Edison 42nd Parking LLC	401-407 W. 42nd St.	1021470	998	90%	100	(CLOSED)	(CLOSED)	60%	399	80%	200
38	JDS Parking LLC	561 Tenth Ave.	1130760	71	85%	11	35%	46	45%	39	60%	28
39	Edison Parking Management	600-640 W. 42nd St.	1026274	205	50%	103	10%	185	60%	82	70%	62
40	Circle Line Sightseeing Yachts Inc.	Pier 81	4296229	290	70%	87	(CLOSED)	(CLOSED)	30%	203	20%	232
41	Circle Line Sightseeing Yachts Inc.	Pier 83	369040	270	70%	81	(CLOSED)	(CLOSED)	30%	189	25%	203
42	Allure Parking LLC	583 Tenth Ave.	851059	62	50%	31	(CLOSED)	(CLOSED)	50%	31	95%	3
43	Lincoln Garage Corp.	560 W. 43rd St.	975271	84	60%	34	85%	13	55%	38	10%	76
44	520 W. Parking Corp.	520 W. 43rd St.	984363	75	40%	45	30%	53	50%	38	10%	68
45	JN Parking Corp.	604-612 Tenth Ave.	369122	67	85%	10	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	10%	60
46	Beggs Garage Inc.	515 W. 43rd St./ 516 W. 44th St.	427684	145	70%	44	30%	102	70%	44	30%	102
47	43-44 Management Corp.	535 W. 43rd St.	925795	140	70%	42	(CLOSED)	(CLOSED)	50%	70	(CLOSED)	(CLOSED)
48	43-44 Management Corp.	541 W. 43rd St.	925927	110	100%	0	(CLOSED)	(CLOSED)	50%	55	20%	88
49	G&T Food Associates Corp.	572 Eleventh Ave.	903771	50	100%	0	(CLOSED)	(CLOSED)	40%	30	100%	0
50	Park Right Corp.	600 Eleventh Ave.	882717	350	100%	0	35%	228	45%	193	95%	18
51	Car Park Corp.	610 W. 46th St.	904395	185	80%	37	5%	176	30%	130	70%	56
52	MTP Operating Corp.	514-540 W. 49th St.	1013511	240	80%	48	(NOT APPLICABLE)	(NOT APPLICABLE)	45%	132	60%	96
53	Edison Baxter Corp.	707 Tenth Ave./ 713-719 Tenth Ave.	1077270 1077271	173	80%	35	(NOT APPLICABLE)	(NOT APPLICABLE)	45%	95	60%	69
54	Primary Parking LLC	721 Tenth Ave.	780839	181	75%	45	(NOT APPLICABLE)	(NOT APPLICABLE)	45%	100	60%	72
55	540 W. 50 St. Garage LLC	540 W. 50th St.	1144970	35	100%	0	(NOT APPLICABLE)	(NOT APPLICABLE)	(CLOSED)	(CLOSED)	60%	14
56	333 W. 46th St. Corp.	327 W. 46th St.	469197	95	80%	19	(CLOSED)	(CLOSED)	100%	0	80%	19
57	Eighth Ave. Garage Corp.	305-307 W. 46th St.	1096029	75	70%	23	(CLOSED)	(CLOSED)	80%	15	50%	38
58	Central Parking System of NY Inc.	754 Eighth Ave.	917107	53	80%	11	(CLOSED)	(CLOSED)	25%	40	15%	45
59	Show Biz Parking LLC	251-257 W. 45th St. / 256-262 W. 46th St.	952277 952279	346	90%	35	45%	190	45%	190	50%	173
60	Astor Parking LLC	1515 Broadway	694550	225	90%	23	15%	191	75%	56	65%	79
61	344 W. 45th St. Corp.	344 W. 45th St.	695055	40	50%	20	(CLOSED)	(CLOSED)	20%	32	100%	0
62	344 W. 45th St. Corp.	350 W. 45th St.	429530	41	50%	21	(CLOSED)	(CLOSED)	15%	35	20%	33
63	Edison NY Parking LLC	307-313 W. 44th St.	1037989	71	70%	21	(CLOSED)	(CLOSED)	100%	0	70%	21
64	Central Parking System of NY Inc.	332 W. 44th St.	961990	380	55%	171	45%	209	70%	114	90%	38
65	SL West 44th St. Inc.	322 W. 44th St.	916135	77	70%	23	15%	65	50%	39	80%	15
66	Central Parking System of NY Inc.	306-320 W. 44th St.	961847	436	80%	87	45%	240	45%	240	60%	174
67	Advance Parking Corp.	249-253 W. 43rd St.	427125	225	90%	23	50%	113	10%	203	5%	214
68	43 West Broadway Parking Corp.	250 W. 43rd St.	1124598	80	75%	20	40%	48	45%	44	60%	32
69	43rd St. Garage LLC	350 W. 43rd St.	1138614	59	90%	6	25%	44	20%	47	10%	53
70	Impark HSW 42 LLC	305-313 W. 42nd St./ 315-317 W. 42nd St./ 314-322 W. 42nd St.	1126896	147	90%	15	20%	118	70%	44	85%	22
71	Central Parking System of NY Inc.	625 Eighth Avenue	N/A	1,125	95%	56	(CLOSED)	(CLOSED)	50%	563	30%	788
72	Times Square Garage	230 W. 41st St.	1133680	124	75%	31	35%	81	15%	105	30%	87
73	Kinney Parking on W. 40th St. Inc.	252 W. 40th St.	922362	300	50%	150	10%	270	30%	210	25%	225
74	Best Park	310-312 W. 40th St.	1113079	42	75%	11	(CLOSED)	(CLOSED)	30%	29	10%	38
75	Kinney 40th St. Inc.	326 W. 40th St.	910890	77	70%	23	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	10%	69
76	The Hertz Corp.	346-354 W. 40th St.	1095116	250	60%	100	(CLOSED)	(CLOSED)	30%	175	85%	38
77	Oasis Car Park Inc.	337-341 W. 39th St.	1091600	55	70%	17	(CLOSED)	(CLOSED)	15%	47	(CLOSED)	(CLOSED)
78	A&W Parking Corp.	309 W. 39th St.	913138	58	90%	6	10%	52	30%	41	(CLOSED)	(CLOSED)
79	39 Parking Corp.	310 W. 39th St.	886446	171	90%	17	10%	154	30%	120	(CLOSED)	(CLOSED)
80	328 W. 39 St. Parking LLC	328 W. 39th St./ 334-336 W. 39th St./ 329 W. 38th St.	1004390 1004391 1004393	130	80%	26	(CLOSED)	(CLOSED)	25%	98	15%	111
81	Felise Garage Corp.	310 W. 38th St.	900440	500	75%	125	(CLOSED)	(CLOSED)	50%	250	10%	450
82	Irene Parking Corp.	333 W. 37th St.	918684	90	90%	9	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)
83	NY 786 Parking	339 W. 36th St.	1131404	25	50%	13	(CLOSED)	(CLOSED)	30%	18	35%	16
84	26th St. Garage Corp.	326-328 W. 37th St.	921340	100	80%	20	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)
85	NYC 37 Corp.	350 W. 37th St.	953481	50	70%	15	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	50%	25
86	S&R Parking Inc.	312-318 W. 37th St.	900877	71	100%	0	(CLOSED)	(CLOSED)	(CLOSED)	(CLOSED)	60%	28
87	Wizard Car Park LLC	320 W. 36th St.	1091809	150	80%	30	10%	135	10%	135	60%	60

2003 Existing Off-Street Parking Conditions

Map No.	Name	Address	License Number	Licensed Capacity	Weekday Midday (12 PM - 2 PM)		Weekday Overnight (12 AM - 5 AM)		Weekday Evening (6 PM - 9 PM)		Sunday Afternoon (1 PM - 4 PM)		
					Utilization Rate	Available Capacity	Utilization Rate	Available Capacity	Utilization Rate	Available Capacity	Utilization Rate	Available Capacity	
88	361 West Parking Corp.	361 W. 34th St.	1026614	140	70%	42	(CLOSED)			50%	70	50%	70
89	Meyers Parking System Inc.	323 W. 34th St.	428603	500	75%	125	(CLOSED)			20%	400	100%	0
90	Kinney System Inc.	324 W. 34th St.	427945	70	100%	0	(CLOSED)			65%	25	30%	49
91	Kinney System Inc.	314-318 W. 34th St.	428356	38	100%	0	(CLOSED)			60%	15	20%	30
92	Central Parking System of NY Inc.	305-319 W. 33rd St.	1094411	250	50%	125	35%	163		45%	138	60%	100
93	Central Parking System of NY Inc.	One Penn Plaza	961988	665	80%	133	20%	532		50%	333	100%	0
94	Kinney System Inc.	109 W. 31st St.	427104	35	50%	18	(CLOSED)			20%	28	70%	11
95	Kinney System Inc.	106-108 W. 31st St.	429117	20	75%	5	(CLOSED)			40%	12	70%	6
96	Jim Dandy 31 Parking LLC	124 W. 31st St.	991562	34	50%	17	(CLOSED)			40%	20	60%	14
97	Sharon's Garage Inc.	148 W. 31st St.	429446	18	80%	4	(CLOSED)			30%	13	75%	5
98	West 31st St. Garage Corp.	371 Seventh Ave.	1146930	94	90%	9	35%	61		45%	52	60%	38
99	Meyers Parking System Inc.	218 W. 31st St. / 227 W. 30th St.	429032	1,500	85%	225	20%	1,200		15%	1,275	85%	225
100	Central Parking System of NY Inc.	300-306 W. 31st St.	971427	46	70%	14	(CLOSED)			60%	18	100%	0
101	Secure Parking LLC	363 W. 30th St.	1099298	18	100%	0	(CLOSED)			35%	12	100%	0
102	320 W. 30th St. Garage Corp.	320 W. 30th St.	368852	82	50%	41	(CLOSED)			(CLOSED)		80%	16
103	Garden Garage LLC	384-386 Eighth Ave.	1140965	35	75%	9	(CLOSED)			40%	21	100%	0
104	Garden Garage LLC	253-255 W. 29th St.	1140970	25	80%	5	(CLOSED)			30%	18	95%	1
105	Park 29 LLC	217-221 W. 29th St.	1025798 1025799	48	80%	10	(CLOSED)			60%	19	55%	22
106	Shrimp Parking LLC	211 W. 29th St.	946849	28	100%	0	(CLOSED)			(CLOSED)		100%	0
107	Twenty Ninth Corp.	234 W. 29th St.	889239	70	100%	0	(CLOSED)			80%	14	(CLOSED)	
108	NYC 28 Corp.	217-219 W. 28th St.	953477	47	80%	9	(CLOSED)			50%	24	90%	5
109	W. 28th St. Parking LLC	241 W. 28th St.	1029221	240	100%	0	50%	120		80%	48	95%	12
110	Edison NY Parking LLC	245 W. 28th St.	926756	131	90%	13	(CLOSED)			40%	79	95%	7
111	Central Parking System of NY Inc.	835-851 6th Ave.	963076	387	90%	39	30%	271		10%	348	60%	155
112	587 Parking Corp.	122 W. 29th St.	429769	44	50%	22	(CLOSED)			(CLOSED)		80%	9
113	Fero Parking Corp.	140 W. 28th St.	367501	60	100%	0	(CLOSED)			(CLOSED)		65%	21
114	Access Parking Corp.	121-125 W. 26th St.	895158	63	50%	32	(CLOSED)			30%	44	25%	47
115	SPI Operating Corp.	132-142 W. 27th St.	909273	85	100%	0	(CLOSED)			100%	0	35%	55
116	241 Parking Corp.	241 W. 26th St.	916930	225	60%	90	40%	135		60%	90	50%	113
117	Impact Car Park LLC	333 W. 26th St.	1079092	839	90%	84	95%	42		90%	84	95%	42
118	HAG Operating Corp.	252-260 W. 26th St.	1029053	82	100%	0	(CLOSED)			50%	41	30%	57
119	220 W. Garage Corp.	220 W. 26th St.	1089406	120	80%	24	25%	90		50%	60	60%	48
120	100 W. 26th St. Parking Corp.	100 W. 26th St.	1141235	49	80%	10	35%	32		40%	29	20%	39
121	SP Parking Corp.	112 W. 25th St.	904690	290	85%	44	5%	276		50%	145	20%	232
122	Chelsea Seventh Garage Corp.	252 Seventh Ave.	1071222	175	100%	0	75%	44		40%	105	20%	140
123	Court West Parking	680 Twelfth Ave.	1113675	170	100%	0	(NOT APPLICABLE)			45%	94	95%	9
124	Hudson View Parking LLC	740 Tenth Ave.	769937	107	60%	43	(NOT APPLICABLE)			50%	54	50%	54
125	Central Parking System of NY Inc.	271 W. 47th St.	1139987	61	50%	31	15%	52		60%	24	65%	21
126	Central Parking System of NY Inc.	257-259 W. 47th St.	1007928	120	50%	60	(CLOSED)			20%	96	(CLOSED)	
127	Kinney System Inc.	253-255 W. 47th St.	429477	41	50%	21	(CLOSED)			10%	37	5%	39
128	Imperial Parking Inc.	233 W. 46th St.	1107715	41	25%	31	5%	39		30%	29	90%	4
129	Global Parking LLC	145-143 W. 40th St.	368502	150	80%	30	(CLOSED)			65%	53	30%	105
130	136 W. 40th Parking LLC	136 W. 40th St.	1021031	150	80%	30	(CLOSED)			25%	113	10%	135
131	Kinney Parking System	515 Seventh Ave.	429567	305	50%	153	(CLOSED)			50%	153	(CLOSED)	
132	Atrium Parking LLC	161-163 W. 36th St.	469518	149	80%	30	(CLOSED)			30%	104	30%	104
133	Pace Parking LLC	990-996 Sixth Ave.	816965	120	75%	30	(CLOSED)			30%	84	25%	90
134	63-67 W. 35th St. Associates LLC	63-67 W. 35th St.	367774	149	70%	45	30%	104		50%	75	75%	37
135	Sandy Parking Corp	57-61 W. 35th St.	369800	29	100%	0	(CLOSED)			45%	16	(CLOSED)	
136	Central Parking System of NY Inc.	74 W. 35th St.	1130353	149	80%	30	20%	119		40%	89	80%	30
137	38 W. 33rd St. Corp.	38-46 W. 33rd St.	768357	224	90%	22	(CLOSED)			40%	134	60%	90
138	Central Parking System	1250 Broadway	908174	150	70%	45	35%	98		35%	98	50%	75
139	Central Parking System	1251 Broadway	962013	80	80%	16	(CLOSED)			45%	44	50%	40
140	Peter Realty	42-64 W. 30th St.	469460	84	85%	13	(CLOSED)			30%	59	(CLOSED)	
141	Central Parking System	33 W. 28th St.	1137167	224	90%	22	(CLOSED)			70%	67	65%	78
142	Central Parking System	55 W. 26th St.	1096744	140	95%	7	35%	91		50%	70	60%	56
143	El Dorado Parking System	46-50 W. 26th St.	428854	30	95%	2	40%	18		65%	11	80%	6
144	Irwin Parking Corp	752-776 Sixth Ave.	897018	175	100%	0	(CLOSED)			(CLOSED)		30%	123
145	Chelsey Parking Inc	735 Sixth Ave.	368255	135	80%	27	(CLOSED)			30%	95	(CLOSED)	
146	101 Car Park LLC	101 W. 23rd St.	1022575	140	100%	0	(CLOSED)			40%	84	20%	112
147	Tact Parking LLC	159-161 W. 24th St.	427371	125	100%	0	80%	25		50%	63	70%	38
148	WK Parking Corp.	160 W. 24th St.	1002761	93	90%	9	50%	47		20%	74	15%	79
149	W. 23rd St. Garage LLC	423-431 W. 23rd St.	998590	185	100%	0	(NOT APPLICABLE)			50%	93	100%	0
150	Edison NY Parking LLC	507 W. 21st St.	1040211	49	100%	0	(NOT APPLICABLE)			60%	20	60%	20
151	Chelsea 20th St. Parking	516-520 W. 20th St.	923766	325	70%	98	(NOT APPLICABLE)			60%	130	75%	81
152	Chelsea Piers	Pier 61	N/A	163	50%	82	(NOT APPLICABLE)			95%	8	85%	24
153	Chelsea Piers	Pier 62	N/A	25	50%	13	(NOT APPLICABLE)			95%	1	70%	8
154	Chelsea Piers (Basketball City)	Pier 63	N/A	150	90%	15	(NOT APPLICABLE)			95%	8	50%	75
155	Edison Park Fast	601 West 41st Street	1078818	194	60%	78	10%	175		60%	78	70%	58
156	Central Parking System	550 West 37th Street	1099321	37	30%	26	(CLOSED)			75%	9	80%	7
157	Enterprise 30th Street Parking LLC	505-509 West 29th Street	1154257	130	70%	39	90%	13		45%	72	80%	26
158	Central Parking System	476-490 11th Avenue	927315	158	(CLOSED)		(CLOSED)			10%	142	20%	126
159	Theater Parking	413-419 W. 45th Street	1001638	100	40%	60	25%	75		30%	70	100%	0

<b>Totals:</b>	80%	4,780	36%	7,522	46%	12,357	58%	9,446
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### Off-Street Parking Spaces Provided by Proposed Action

Projected Development Site #	Office (gsf)	Residential (du)	Spaces to be Provided	Development Year	Notes
1	4,266,751	570	450	2025	Partially decked site
2	1,287,579	-			Decked site (no parking)
3	2,864,415	-	1,003	2025	
4	1,743,575	194			Decked site (no parking)
5	2,116,125	270	830	2025	
6	1,377,424	243			Decked site (no parking)
7	1,445,389	255	590	2025	
8	1,377,424	243	450	2025	Partially decked site
9	49,450	516	170	2025	
10	1,520,151	268	621	2025	
11	65,320	682	225	2025	
12	1,651,550	292	674	2025	
13	59,800	624	206	2025	
14	51,111	533	176	2025	
15	25,415	265	88	2025	
16	21,275	222	73	2025	
17	-	470	155	2025	
18	-	912	301	2010	
19	445,740	816	425	2010	
20	1,196,874	-	419	2025	
21	-	-	0	2025	
22	-	82	27	2010	
23	-	311	103	2025	
24	-	387	128	2010	
25	-	190	63	2025	
26	-	304	100	2025	
27	-	224	74	2025	
28	-	205	68	2025	
29	-	135	45	2025	
30	-	194	64	2025	
31	377,708	828	405	2025	
32					
33					
34	316,710	-			Decked site (no parking)
35	335,082	610	318	2025	
36	578,590	-	203	2025	
37	-	289	95	2010	
38	-	58	19	2025	
39	-	249	82	2025	
40	-	84	28	2025	
41	-	581	192	2025	
42	-	76	25	2025	
43	-	308	102	2025	
44	-	69	23	2025	
45	4,662,100	-		2025	Decked site (no parking)
			951	2025	Midblock Public Parking Garage
			350	2010	Convention Center Hotel

### Public Off-Street Parking Accumulations for Special Events

Analysis Period	Convention Center		
	Existing	Projected	Net Incremental
Weekday Midday	1,882	1,906	24
Weekday Overnight	25	25	0
Weekday Evening	296	296	0
Sunday Afternoon	2,553	2,750	197

Note:

Parking demand includes attendees and event staff.

Analysis Period	Multi-Use Facility		
	Existing	Projected	Net Incremental
Weekday Evening	-	4,698	-
Sunday Afternoon	-	7,064	-

Notes:

Parking demand includes attendees and event staff.

Parking demand excludes drop-offs by auto

Analysis Period	Madison Square Garden		
	Existing	Projected	Net Incremental
Weekday Evening	2,321	2,944	623
Sunday Afternoon	3,004	3,807	803

Note:

Parking demand excludes drop-offs by auto.

### Public Off-Street Parking Accumulations for Projected Office and Residential Uses

Analysis Year	Office Land Uses			
	Weekday Midday	Weekday Overnight	Weekday Evening	Sunday Afternoon
2010	491	0	5	46
2025	5,752	0	61	542
Totals	6,243	0	66	589

Analysis Year	Residential Land Uses			
	Weekday Midday	Weekday Overnight	Weekday Evening	Sunday Afternoon
2010	757	879	878	836
2025	2,789	3,241	3,237	3,083
Totals	3,546	4,120	4,115	3,920

**Proposed Action Existing, No Build, and Build Conditions Off-Street Public Parking Analyses Summary for FGEIS**

<b>2003 EXISTING CONDITIONS</b>				
<b>Analysis Period</b>	<b>Total Capacity</b>	<b>Demand</b>	<b>Utilization Rate</b>	<b>Available Spaces</b>
Weekday MIDDAY	24,254	19,474	80%	4,780
Weekday Overnight	11,694	4,172	36%	7,522
Weekday Evening	22,676	10,319	46%	12,357
Sunday Afternoon	22,709	13,263	58%	9,446

<b>Analysis Period</b>	<b>2003 EXISTING CONDITIONS</b>		<b>Change in Capacity</b>	<b>Change in Demand</b>	<b>2010 NO BUILD CONDITIONS</b>			
	<b>Total Capacity</b>	<b>Demand</b>			<b>Total Capacity</b>	<b>Demand</b>	<b>Utilization Rate</b>	<b>Available Spaces</b>
Weekday MIDDAY	24,254	19,474	(515)	1,385	23,739	20,860	88%	2,879
Weekday Overnight	11,694	4,172	(160)	805	11,534	4,978	43%	6,556
Weekday Evening	22,676	10,319	(485)	895	22,191	11,214	51%	10,977
Sunday Afternoon	22,709	13,263	(515)	897	22,194	14,160	64%	8,034

<b>Analysis Period</b>	<b>2003 EXISTING CONDITIONS</b>		<b>Change in Capacity</b>	<b>Change in Demand</b>	<b>2025 NO BUILD CONDITIONS</b>			
	<b>Total Capacity</b>	<b>Demand</b>			<b>Total Capacity</b>	<b>Demand</b>	<b>Utilization Rate</b>	<b>Available Spaces</b>
Weekday MIDDAY	24,254	19,474	(714)	2,269	23,540	21,743	92%	1,797
Weekday Overnight	11,694	4,172	(173)	1,013	11,521	5,185	45%	6,336
Weekday Evening	22,676	10,319	(684)	1,224	21,992	11,542	52%	10,450
Sunday Afternoon	22,709	13,263	(714)	1,301	21,995	14,564	66%	7,431

<b>Analysis Period</b>	<b>2010 NO BUILD CONDITIONS</b>		<b>Change in Capacity</b>	<b>Change in Demand</b>	<b>2010 BUILD CONDITIONS (PROJECTED SITES WITH MSG RELOCATION)</b>			
	<b>Total Capacity</b>	<b>Demand</b>			<b>Total Capacity</b>	<b>Demand</b>	<b>Utilization Rate</b>	<b>Available Spaces</b>
Weekday MIDDAY	23,739	20,860	780	1,268	24,519	22,128	90%	2,391
Weekday Overnight	11,534	4,978	780	810	12,314	5,788	47%	6,526
Weekday Evening	22,191	11,214	780	5,669	22,971	16,882	73%	6,089
Sunday Afternoon	22,194	14,160	780	8,174	22,974	22,334	97%	640

<b>Analysis Period</b>	<b>2025 NO BUILD CONDITIONS</b>		<b>Change in Capacity</b>	<b>Change in Demand</b>	<b>2025 BUILD CONDITIONS (PROJECTED SITES WITH MSG RELOCATION)</b>			
	<b>Total Capacity</b>	<b>Demand</b>			<b>Total Capacity</b>	<b>Demand</b>	<b>Utilization Rate</b>	<b>Available Spaces</b>
Weekday MIDDAY	23,540	21,743	7,475	9,324	31,015	31,067	100%	(52)
Weekday Overnight	11,521	5,185	9,228	4,233	20,749	9,418	45%	11,331
Weekday Evening	21,992	11,542	7,863	9,747	29,855	21,289	71%	8,566
Sunday Afternoon	21,995	14,564	7,321	12,547	29,316	27,111	92%	2,205