

# Design Consultants, Inc.

120 Middlesex Avenue  
Somerville, MA 02145  
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## MEMORANDUM

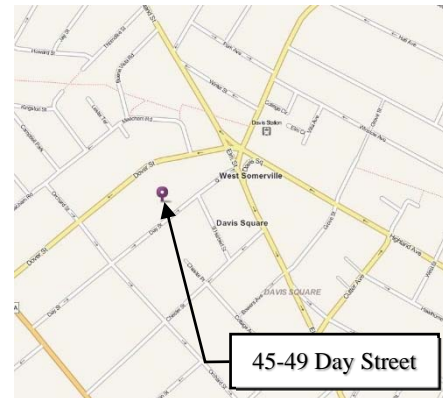
DCI JOB NO. 2013-045

**TO:** Lori Massa, Senior Planner  
Terence Smith, Traffic Engineer

**FROM:** Jason S. Sobel, P.E., PTOE  
Senior Transportation Engineer

**SUBJECT:** **Parking Assessment**  
45-49 Day Street  
Somerville, MA

**DATE:** June 18, 2013



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This memorandum, prepared at the request of Flatbread Company, evaluates the existing parking utilization in the vicinity of the project site at 45-49 Day Street. The site is located approximately 375 feet south of the center of Davis Square (at the intersection of Elm Street, Highland Avenue, College Avenue, Holland Street, Day Street, and Dover Street). This area of Somerville is very well served by public transportation, in the form of buses and the MBTA Red Line subway service. The proposed expansion at Flatbread will be within an existing building, and will consist of seven new bowling lanes, 50 new indoor restaurant seats, 9 new indoor bar seats, and 76 new outdoor patio seats. An additional five employees will serve the expanded restaurant/bowling establishment. A detailed zoning analysis indicates that the proposed expansion would require 36 off-street parking spaces, which includes a 20% reduction in required spaces due to proximity to public transportation. The proposed site plan provides six off-street parking spaces. Therefore, the Flatbread Company is seeking a zoning variance for 30 off-street parking spaces.

The study area included all on-street parking in the vicinity of 45-49 Day Street, as well as existing municipal parking lots. DCI performed a parking survey of all available parking areas to determine the existing parking utilization. The study area included the following roadways:

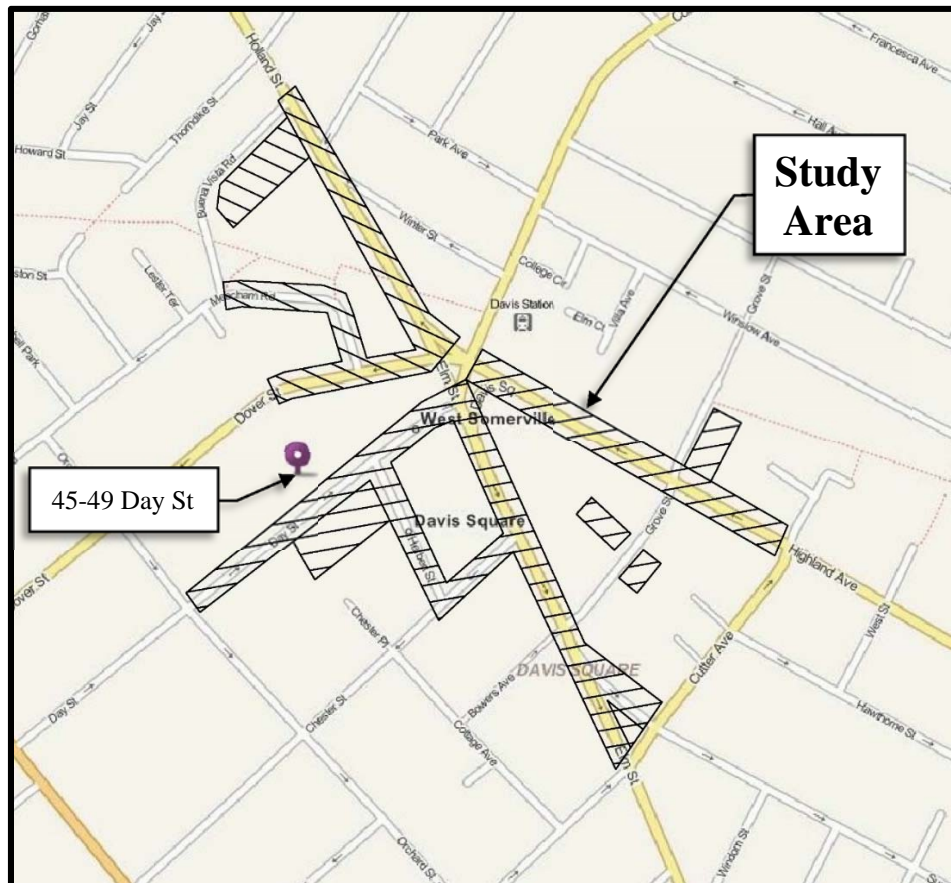
- Day Street, from Orchard Street to Elm Street
- Herbert Street, from Day Street to Chester Street

- Chester Street, from Herbert Street to Elm Street
- Elm Street, from Day Street to Russell Street
- Summer Street, from Grove Street to Cutter Avenue
- Highland Avenue, from Cutter Avenue to College Avenue
- Holland Street, from Dover Street to Buena Vista Road
- Meacham Road, from Dover Street to Buena Vista Road
- Portions of Dover Street, from Holland Street to the end of metered parking

In addition to the parking on the roadways listed above, the off-street parking contained in the following municipal parking lots were included in this study:

- Day Street Parking Lot (on the southern corner of the Day Street / Herbert Street intersection)
- Cutter Ave Parking Lot (bounded by Elm Street, Summer Street, and Cutter Ave)
- Grove Street Parking Lots (on both the east and west sides of Grove Street)
- Highland Avenue Parking Lot (on the northeast corner of the Highland Avenue / Grove Street intersection)
- Buena Vista Parking Lot (on the southern corner of the Holland Street / Buena Vista Road intersection)

This study area is shown in Figure 1, below.



**Figure 1: Project Study Area**

On-street parking within the study area is generally metered, as are the parking spaces in the municipal parking lots. The following is a list of exceptions:

- The southwest portion of Day Street is not metered, and is limited to vehicles with residential parking permits only.
- On Day Street between Herbert Street and Elm Street, there is a single handicap parking space on both sides of the Day Street. The other parking spaces on the southeast side of Day Street are restricted to 5-minute only parking.
- The Day Street parking lot includes three handicap only parking spaces.
- Every Wednesday from May through November, approximately half of the parking spaces in the Day Street parking lot are lost, and the space is used for a farmer's market.
- Parking is prohibited on the southwest side of Herbert Street between Day Street and Chester Street.
- On the northeast side of Herbert Street, there is one unmetered and unregulated parking space. There is also a loading zone that is restricted on Monday-Saturday from 8:00am to 6:00pm. After 6:00pm, these parking spaces (approximately five (5) parking spaces) are available for the general public.
- On the northeast side of Elm Street between Chester Street and Grove Street, there are two 15-minute only parking spaces.
- On the southwest side of Elm Street between Chester Street and Grove Street, there is a single handicap only parking space.
- On the southwest side of Elm Street between Grove Street and Russell Street, there are seven 15-minute only parking spaces.
- In the municipal parking lot on the west side of Grove Street, there is a single handicap only parking space.
- In the Highland Avenue Parking Lot on the northeast corner of the Highland Ave / Grove Street intersection, there are two handicap only parking spaces
- On the north side of Highland Avenue between Grove Street and College Avenue, there is a single handicap only parking space.
- On the southwest side of Holland Street between Dover Street and Winter Street, there is a single 15-minute only parking space, and a single unmetered and unregulated parking space.
- The lower level of the Buena Vista Road Parking Lot is private parking and was not included in this parking study.
- The a portion of the upper level of the Buena Vista Road Parking Lot is restricted to business permit holders only, and was not included in this parking study. The remaining portion of the upper level of the Buena Vista Road Parking Lot included metered parking, four handicap only parking spaces, and two Zipcar only parking spaces.
- On the north and east side of Meacham Road between Buena Vista Road and Dover Street, there were two unmetered and unregulated parking spaces.
- On the south side of Dover Street, there are two unmetered and unregulated parking spaces.

In aggregate, there are approximately 402 existing parking spaces within the study area. This is inclusive of all parking spaces, including metered parking, residential parking permit only spaces, 5-minute and 15-minute only parking spaces, handicap only parking spaces, Zipcar parking spaces, and loading zone spaces. Excluding the residential permit parking only spaces and loading zone parking spaces, the total is approximately 380 parking spaces. The total number of metered parking and unmetered/unregulated parking spaces only is approximately 351 parking spaces.



*Parking in the Day Street Parking Lot (left) and on Day Street (right)*

DCI recorded the number of available parking spaces on the study area streets and parking lots during a typical weekday and during a typical Saturday. The parking data were collected during the following time periods:

**Wednesday, May 8, 2013**

- 12:00 – 2:00 PM
- 5:00 – 7:00 PM

**Saturday May 11, 2013**

- 12:00 – 2:00 PM
- 5:00 – 7:00 PM

These time periods represent the peak lunch and dinner times when the restaurant is expected to be busiest. The results of the parking surveys are summarized in Table 1. This table includes only a summary of the approximately 380 non-residential permit and non-loading zone parking spaces. Detailed tables with the complete parking survey data are contained in the attached Appendix.

**Table 1 – Summary of Available On-Street and Municipal Parking Spaces**

			Total No. of Parking Spaces	Ave. No. of Available Spaces				
				Weekday		Saturday		
Street	Side	Type		Mid- Day	Eve- ning	Mid- Day	Eve- ning	
Day Street	Southeast	metered	13	7	4	0	1	
		5-minute only	3	1	1	2	1	
		handicap only	1	1	0	1	1	
	Northwest	metered	11	1	2	0	0	
		handicap only	1	0	1	1	0	
Herbert Street	Northeast	metered	4	0	0	0	0	
		unmetered/unregulated	1	0	0	0	0	
	Southwest	<i>no parking</i>						
Day Street Parking Lot			metered	58	13	4	1	2
			handicap only	3	1	2	2	2
Chester Street	Southeast	metered	6	0	0	0	0	
	Northwest	metered	5	0	0	0	0	
Elm Street	Northeast	metered	10	0	1	0	0	
		15-minute only	2	0	0	0	0	
	Southwest	metered	19	0	2	0	1	
		15-minute only	7	6	3	1	3	
		handicap only	1	0	1	0	0	
Summer Street	Northeast	metered	5	0	0	0	0	
Cutter Avenue Parking Lot			metered	12	0	1	0	0
Parking Lot on west side of Grove St			metered	15	1	2	0	0
			handicap only	1	0	0	0	0
Parking Lot on east side of Grove St			metered	9	1	1	0	0
Highland Avenue	North	metered	18	6	7	0	2	
		handicap only	1	0	0	1	0	
	South	metered	17	3	2	1	3	
Highland Ave Parking Lot (near Rite-Aid)			metered	23	5	5	2	1
			handicap only	2	1	2	1	2
Holland Street	Northeast	metered	10	2	0	0	1	
		metered	16	1	2	1	0	
	Southwest	15-minute only	1	0	0	1	0	
		unmetered/unregulated	1	0	1	1	0	
Buena Vista Road Parking Lot			metered	51	21	13	3	3
			handicap only	4	2	4	1	0
			Zipcar only	2	2	1	2	2
Meacham Road	North & East	metered	9	9	5	7	7	
		unmetered/unregulated	2	2	1	2	2	
	South & West	metered	13	12	11	10	9	
Dover Street	North	metered	13	10	5	5	4	
		metered	8	5	2	1	1	
	South	unmetered/unregulated	2	0	2	0	2	
Totals	metered		345	97	69	31	35	
	unmetered/unregulated		6	2	4	3	4	
	handicap only		14	5	10	7	5	
	5-minute only		3	1	1	2	1	
	15-minute only		10	6	3	2	3	
	Zipcar only		2	2	1	2	2	
metered & unmetered/unregulated			351	99	73	34	39	

As indicated by the parking survey data, an average of 99 metered and unmetered/unregulated parking spaces were available during the weekday mid-day period (12:00 PM to 2:00 PM), and an average of 73 of these parking spaces were available during the weekday evening period (5:00 PM to 7:00 PM). On Saturday, during the mid-day observation period (12:00 AM to 2:00 PM), there were an average of 34 available metered and unmetered/unregulated parking spaces. During the Saturday evening observation period (5:00 PM to 7:00 PM), an average of 39 of these parking spaces were available. The results of this parking survey indicate that there is a substantial amount of unutilized parking spaces spread amount amongst the study area streets and within several of the Davis Square municipal parking lots, more than adequate to accommodate the 30 additional parking spaces needed for the expanded Flatbread Company restaurant at 45-49 Day Street.

In addition to the available parking, the Davis Square area is very well served by public transportation. The Davis Square Station provides access to the MBTA Red Line subway, and numerous MBTA bus routes travel to and from Davis Square. The bus routes that travel through Davis Square include:

- Route 87 – Arlington Center or Clarendon Hill to/from Lechmere Station
- Route 88 – Clarendon Hill to/from Lechmere Station
- Route 89 – Clarendon Hill or Davis Square to/from Sullivan Square Station
- Route 90 – Davis Square to/from Wellington Station
- Route 94 – Medford Square to/from Davis Square
- Route 96 – Medford Square to/from Harvard Station

The project site at 45-49 Day Street is approximately 500 feet from Davis Square Station, which is approximately a two-minute walk. While a 20% reduction in off-street parking requirements was used due to the proximity of the project site to Davis Square Station, as allowed in the Somerville Zoning Section 9.6.3, it is anticipated that an even higher percentage of patrons will arrive via public transportation, bicycle, or on foot.

Based on the multiple public transportation options that would serve to reduce parking demand in this area, and the number of available on-street and municipal parking spaces in the area surrounding the project, it is expected that the existing parking supply will be sufficient to support the planned expansion of the Flatbread Company restaurant at 45-49 Day Street.

# **Appendix**

Parking Survey Data Sheets / Calculations

**Design Consultants, Inc.**

**Parking Survey**

Site Location: 45 Day Street  
 City: Somerville, MA  
 Date: Wednesday, May 08, 2013  
 Weather: 70 degrees, cloudy/rainy

Proj. No.: 2013-045  
 Sheet No.: \_\_\_\_\_  
 Field Tech.: TNC  
 Notes: \_\_\_\_\_

						Number of Cars Parked					
						Weekday Mid-day (12-2pm)					
Street	Side	From	To	Notes	Total No. of Spaces	11:58am-12:50pm	12:50-1:45pm				
1	Day Street	South-East	Orchard Street	Herbert Street	metered spaces	13	2	9			
					non-metered, resident only spaces	8	6	7			
	Day Street	North-West	Orchard Street	Herbert Street	metered spaces	7	4	7			
					non-metered, resident only spaces	9	8	9			
2	Day Street	South-East	Herbert Street	Elm Street	5-minute only parking, Mon-Sat, 8am-5pm	3	2	3			
					handicap parking	1	0	0			
	Day Street	North-West	Herbert Street	Elm Street	metered spaces	4	4	4			
					handicap parking	1	0	1			
3	Day Street Parking Lot				numbered spaces w/ central pay station	58	38	53			
					handicap parking	3	3	2			
4	Herbert Street	North-East	Day Street	Chester Street	metered spaces	4	4	4			
					non-metered spaces	1	1	1			
					loading zone (Mon-Sat, 8am-6pm)	5	0	0			
		South-West	Day Street	Chester Street	tow zone	0					
5	Chester Street	South-East	Herbert Street	Elm Street	metered spaces	6	6	6			
		North-West	Herbert Street	Elm Street	metered spaces	5	5	5			
6	Elm Street	North-East	Day Street	Chester Street	metered spaces	6	6	6			
		South-West	Day Street	Chester Street	metered spaces	12	12	12			
7	Elm Street	North-East	Chester Street	Grove Street	metered spaces	4	4	3			
					15-minute parking	2	2	2			
	Elm Street	South-West	Chester Street	Grove Street	metered spaces	4	4	4			
					handicap parking	1	1	1			
8	Summer St	North-East	Grove Street	Cutter Ave	metered spaces	5	5	5			
	Elm Street	South-West	Grove Street	Russell Street	metered spaces	3	3	3			
					15-minute parking	7	1	1			
9	Cutter Ave Parking Lot (wedged between Summer St and Elm St)				numbered spaces w/ central pay station	12	12	12			



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 Sheet No.: \_\_\_\_\_  
 Field Tech.: TNC  
 Notes: \_\_\_\_\_

	Street	Side	From	To	Notes	Total No. of Spaces	Number of Cars Parked				
							Weekday Mid-day (12-2pm)				
							11:58am-12:50pm	12:50-1:45pm			
10	Parking Lot on west side of Grove Street				metered spaces	15	14	14			
					handicap parking	1	1	1			
11	Grove Street Parking Lot on east side of Grove				numbered spaces w/ central pay station (west side only, east side requires business permit)	9	8	8			
12	Highland Ave	North	Ellington Rd	Grove Street	metered spaces	7	4	5			
		South	Cutter Ave	Grove Street	metered spaces	9	9	5			
13	parking lot near Rite-Aid (angled parking)				numbered spaces w/ central pay station	23	19	17			
					handicap parking	2	0	2			
14	Highland Ave	North	Grove Street	College Ave	metered spaces	11	8	7			
		South	Grove Street	College Ave	handicap parking	1	1	1			
15	Holland St	North-East	Dover St	Winter St	metered spaces	8	7	6			
		South-West	Dover St	Winter St	metered spaces	7	6	7			
					non-metered spaces	1	1	1			
15-minute parking	1	1	1								
16	Holland St	North-East	Winter St	Buena Vista Rd	metered spaces	2	2	2			
		South-West	Winter St	Buena Vista Rd	metered spaces	9	9	9			
17	Buena Vista Road Parking Lot (upper level only, lower level is not public parking)				numbered spaces w/ central pay station	49	23	35			
					metered spaces	2	0	1			
					handicap parking	4	1	3			
					Zipcar only parking	2	1	0			
18	Meacham Rd	South & West	Buena Vista Rd	Dover St	metered spaces	13	1	2			
		North & East	Buena Vista Rd	Dover St	metered spaces	9	0	0			
					non-metered spaces	2	0	0			
19	Dover St	North	Elm St	to angle point	metered spaces	13	3	4			
		South	Elm St	to angle point	metered spaces	8	4	3			
					non-metered spaces	2	2	2			

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**Parking Survey**

Site Location: 45 Day Street  
 City: Somerville, MA  
 Date: Wednesday, May 08, 2013  
 Weather: cloudy / rainy

Proj. No.: 2013-045  
 Sheet No.: \_\_\_\_\_  
 Field Tech.: CR  
 Notes: \_\_\_\_\_

						Number of Cars Parked					
						Weekday Evening (5-7pm)					
Street	Side	From	To	Notes	Total No. of Spaces	5:01-5:45pm	5:45-6:15pm	6:15-6:45pm			
1	Day Street	South-East	Orchard Street	Herbert Street	metered spaces	13	6	8	13		
					non-metered, resident only spaces	8	6	5	5		
	Day Street	North-West	Orchard Street	Herbert Street	metered spaces	7	4	6	7		
					non-metered, resident only spaces	9	9	9	9		
2	Day Street	South-East	Herbert Street	Elm Street	5-minute only parking, Mon-Sat, 8am-5pm	3	2	2	2		
					handicap parking	1	0	1	1		
	Day Street	North-West	Herbert Street	Elm Street	metered spaces	4	2	4	3		
					handicap parking	1	0	0	1		
3	Day Street Parking Lot				numbered spaces w/ central pay station	58	51	55	56		
					handicap parking	3	1	1	1		
4	Herbert Street	North-East	Day Street	Chester Street	metered spaces	4	4	4	4		
					non-metered spaces	1	1	0	1		
					loading zone (Mon-Sat, 8am-6pm)	5	0	0	5		
		South-West	Day Street	Chester Street	tow zone	0					
5	Chester Street	South-East	Herbert Street	Elm Street	metered spaces	6	6	6	6		
		North-West	Herbert Street	Elm Street	metered spaces	5	5	4	5		
6	Elm Street	North-East	Day Street	Chester Street	metered spaces	6	4	6	6		
		South-West	Day Street	Chester Street	metered spaces	12	8	11	12		
7	Elm Street	North-East	Chester Street	Grove Street	metered spaces	4	4	4	4		
					15-minute parking	2	2	2	2		
		South-West	Chester Street	Grove Street	metered spaces	4	4	4	4		
					handicap parking	1	1	0	0		
8	Summer St	North-East	Grove Street	Cutter Ave	metered spaces	5	5	5	5		
	Elm Street	South-West	Grove Street	Russell Street	metered spaces	3	3	3	3		
					15-minute parking	7	4	3	6		
9	Cutter Ave Parking Lot (wedged between Summer St and Elm St)				numbered spaces w/ central pay station	12	11	10	11		

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**Parking Survey**

Site Location: 45 Day Street  
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 Date: Wednesday, May 08, 2013  
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 Sheet No.: \_\_\_\_\_  
 Field Tech.: CR  
 Notes: \_\_\_\_\_

	Street	Side	From	To	Notes	Total No. of Spaces	Number of Cars Parked					
							Weekday Evening (5-7pm)					
							5:01-5:45pm	5:45-6:15pm	6:15-6:45pm			
10	Parking Lot on west side of Grove Street				metered spaces	15	10	14	15			
					handicap parking	1	0	1	1			
11	Grove Street Parking Lot on east side of Grove				numbered spaces w/ central pay station (west side only, east side requires business permit)	9	6	9	9			
12	Highland Ave	North	Ellington Rd	Grove Street	metered spaces	7	4	7	6			
		South	Cutter Ave	Grove Street	metered spaces	9	6	9	9			
13	parking lot near Rite-Aid (angled parking)				numbered spaces w/ central pay station	23	14	20	21			
					handicap parking	2	0	0	0			
14	Highland Ave	North	Grove Street	College Ave	metered spaces	11	2	6	8			
		South	Grove Street	College Ave	metered spaces	8	5	8	8			
15	Holland St	North-East	Dover St	Winter St	metered spaces	8	8	7	8			
		South-West	Dover St	Winter St	metered spaces	7	6	6	6			
					non-metered spaces	1	0	0	0			
15-minute parking	1	0	0	1								
16	Holland St	North-East	Winter St	Buena Vista Rd	metered spaces	2	2	2	2			
		South-West	Winter St	Buena Vista Rd	metered spaces	9	8	8	8			
17	Buena Vista Road Parking Lot (upper level only, lower level is not public parking)				numbered spaces w/ central pay station	49	34	38	41			
					metered spaces	2	0	1	1			
					handicap parking	4	0	0	0			
					Zipcar only parking	2	1	1	1			
18	Meacham Rd	South & West	Buena Vista Rd	Dover St	metered spaces	13	2	2	3			
		North & East	Buena Vista Rd	Dover St	metered spaces	9	4	3	4			
					non-metered spaces	2	0	1	1			
19	Dover St	North	Elm St	to angle point	metered spaces	13	6	8	9			
		South	Elm St	to angle point	metered spaces	8	6	6	6			
					non-metered spaces	2	1	0	1			

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**Parking Survey**

Site Location: 45 Day Street  
 City: Somerville, MA  
 Date: Saturday, May 11, 2013  
 Weather: 70 degrees, cloudy/rainy

Proj. No.: 2013-045  
 Sheet No.: \_\_\_\_\_  
 Field Tech.: R. Boucher  
 Notes: \_\_\_\_\_

	Street	Side	From	To	Notes	Total No. of Spaces	Number of Free Spaces			
							Saturday Mid-day (12-2pm)			
							12:25-1:15pm	1:15-1:45pm	1:45-2:15pm	
1	Day Street	South-East	Orchard Street	Herbert Street	metered spaces	13	0	0	0	
					non-metered, resident only spaces	8	0	0	0	
		North-West	Orchard Street	Herbert Street	metered spaces	7	0	0	0	
					non-metered, resident only spaces	9	0	0	0	
2	Day Street	South-East	Herbert Street	Elm Street	5-minute only parking, Mon-Sat, 8am-5pm	3	2	3	2	
					handicap parking	1	1	1	1	
		North-West	Herbert Street	Elm Street	metered spaces	4	0	0	0	
					handicap parking	1	1	1	1	
3	Day Street Parking Lot				numbered spaces w/ central pay station	58	0	1	2	
					handicap parking	3	2	2	1	
4	Herbert Street	North-East	Day Street	Chester Street	metered spaces	4	0	1	0	
					non-metered spaces	1	0	0	0	
		loading zone (Mon-Sat, 8am-6pm)	5	0	0	0				
		South-West	Day Street	Chester Street	tow zone	0				
5	Chester Street	South-East	Herbert Street	Elm Street	metered spaces	6	0	0	0	
		North-West	Herbert Street	Elm Street	metered spaces	5	0	0	0	
6	Elm Street	North-East	Day Street	Chester Street	metered spaces	6	0	0	0	
		South-West	Day Street	Chester Street	metered spaces	12	0	1	0	
7	Elm Street	North-East	Chester Street	Grove Street	metered spaces	4	0	0	0	
					15-minute parking	2	0	0	0	
		South-West	Chester Street	Grove Street	metered spaces	4	0	0	0	
					handicap parking	1	0	0	0	
8	Summer St	North-East	Grove Street	Cutter Ave	metered spaces	5	0	0	0	
	Elm Street	South-West	Grove Street	Russell Street	metered spaces	3	0	0	0	
					15-minute parking	7	0	2	0	
9	Cutter Ave Parking Lot (wedged between Summer St and Elm St)				numbered spaces w/ central pay station	12	0	0	0	

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	Street	Side	From	To	Notes	Total No. of Spaces	Number of Free Spaces			
							Saturday Mid-day (12-2pm)			
							12:25-1:15pm	1:15-1:45pm	1:45-2:15pm	
10	Parking Lot on west side of Grove Street				metered spaces	15	0	0	0	
					handicap parking	1	0	0	0	
11	Grove Street Parking Lot on east side of Grove				numbered spaces w/ central pay station (west side only, east side requires business permit)	9	0	0	0	
12	Highland Ave	North	Ellington Rd	Grove Street	metered spaces	7	0	0	0	
		South	Cutter Ave	Grove Street	metered spaces	9	1	0	0	
13	parking lot near Rite-Aid (angled parking)				numbered spaces w/ central pay station	23	0	3	4	
					handicap parking	2	2	1	1	
14	Highland Ave	North	Grove Street	College Ave	metered spaces	11	0	0	0	
		South	Grove Street	College Ave	handicap parking	1	1	1	1	
15	Holland St	North-East	Dover St	Winter St	metered spaces	8	0	1	0	
		South-West	Dover St	Winter St	metered spaces	7	0	1	1	
					non-metered spaces	1	1	1	1	
15-minute parking	1	1	1	1						
16	Holland St	North-East	Winter St	Buena Vista Rd	metered spaces	2	0	0	0	
		South-West	Winter St	Buena Vista Rd	metered spaces	9	0	1	0	
17	Buena Vista Road Parking Lot (upper level only, lower level is not public parking)				numbered spaces w/ central pay station	49	4	4	0	
					metered spaces	2	0	0	0	
					handicap parking	4	0	2	2	
					Zipcar only parking	2	1	2	2	
18	Meacham Rd	South & West	Buena Vista Rd	Dover St	metered spaces	13	12	9	10	
		North & East	Buena Vista Rd	Dover St	metered spaces	9	8	6	6	
					non-metered spaces	2	2	2	2	
19	Dover St	North	Elm St	to angle point	metered spaces	13	8	3	3	
		South	Elm St	to angle point	metered spaces	8	1	1	0	
					non-metered spaces	2	0	1	0	

**Design Consultants, Inc.**

**Parking Survey**

Site Location: 45 Day Street  
 City: Somerville, MA  
 Date: Saturday, May 11, 2013  
 Weather: cloudy/rainy

Proj. No.: 2013-045  
 Sheet No.: \_\_\_\_\_  
 Field Tech.: C. Ryan  
 Notes: \_\_\_\_\_

						Number of Parked Cars				
						Saturday Evening (5-7pm)				
Street	Side	From	To	Notes	Total No. of Spaces	5:00-5:45pm	5:45-6:15pm	6:15-6:45pm		
1	Day Street	South-East	Orchard Street	Herbert Street	metered spaces	13	11	13	13	
					non-metered, resident only spaces	8	6	8	8	
	Day Street	North-West	Orchard Street	Herbert Street	metered spaces	7	7	7	7	
					non-metered, resident only spaces	9	5	8	8	
2	Day Street	South-East	Herbert Street	Elm Street	5-minute only parking, Mon-Sat, 8am-5pm	3	1	3	3	
					handicap parking	1	0	0	1	
	Day Street	North-West	Herbert Street	Elm Street	metered spaces	4	4	4	4	
					handicap parking	1	1	0	0	
3	Day Street Parking Lot				numbered spaces w/ central pay station	58	53	58	57	
					handicap parking	3	0	2	2	
4	Herbert Street	North-East	Day Street	Chester Street	metered spaces	4	3	4	4	
					non-metered spaces	1	1	1	1	
					loading zone (Mon-Sat, 8am-6pm)	5	-	-	0	
South-West Day Street Chester Street tow zone						0				
5	Chester Street	South-East	Herbert Street	Elm Street	metered spaces	6	6	6	6	
					metered spaces	5	5	5	5	
6	Elm Street	North-East	Day Street	Chester Street	metered spaces	6	6	6	6	
					metered spaces	12	11	12	11	
7	Elm Street	North-East	Chester Street	Grove Street	metered spaces	4	4	4	4	
					15-minute parking	2	2	2	2	
	Elm Street	South-West	Chester Street	Grove Street	metered spaces	4	4	4	4	
					handicap parking	1	1	1	1	
8	Summer St	North-East	Grove Street	Cutter Ave	metered spaces	5	5	5	5	
	Elm Street	South-West	Grove Street	Russell Street	metered spaces	3	3	3	3	
					15-minute parking	7	4	4	3	
9	Cutter Ave Parking Lot (wedged between Summer St and Elm St)				numbered spaces w/ central pay station	12	11	12	12	

**Design Consultants, Inc.**

**Parking Survey**

Site Location: 45 Day Street  
 City: Somerville, MA  
 Date: Saturday, May 11, 2013  
 Weather: cloudy/rainy

Proj. No.: 2013-045  
 Sheet No.: \_\_\_\_\_  
 Field Tech.: C. Ryan  
 Notes: \_\_\_\_\_

	Street	Side	From	To	Notes	Total No. of Spaces	Number of Parked Cars				
							Saturday Evening (5-7pm)				
							5:00-5:45pm	5:45-6:15pm	6:15-6:45pm		
10	Parking Lot on west side of Grove Street				metered spaces	15	15	15	15		
					handicap parking	1	0	1	1		
11	Grove Street Parking Lot on east side of Grove				numbered spaces w/ central pay station (west side only, east side requires business permit)	9	8	9	9		
12	Highland Ave	North	Ellington Rd	Grove Street	metered spaces	7	6	7	7		
		South	Cutter Ave	Grove Street	metered spaces	9	5	8	8		
13	parking lot near Rite-Aid (angled parking)				numbered spaces w/ central pay station	23	21	23	23		
					handicap parking	2	0	0	0		
14	Highland Ave	North	Grove Street	College Ave	metered spaces	11	10	8	9		
		South	Grove Street	College Ave	handicap parking	1	1	1	1		
15	Holland St	North-East	Dover St	Winter St	metered spaces	8	8	6	7		
		South-West	Dover St	Winter St	metered spaces	7	7	7	7		
					non-metered spaces	1	1	1	1		
15-minute parking	1	1	1	1							
16	Holland St	North-East	Winter St	Buena Vista Rd	metered spaces	2	2	2	2		
		South-West	Winter St	Buena Vista Rd	metered spaces	9	8	9	9		
17	Buena Vista Road Parking Lot (upper level only, lower level is not public parking)				numbered spaces w/ central pay station	49	46	47	48		
					metered spaces	2	0	1	1		
					handicap parking	4	4	4	4		
					Zipcar only parking	2	0	0	0		
18	Meacham Rd	South & West	Buena Vista Rd	Dover St	metered spaces	13	3	4	4		
		North & East	Buena Vista Rd	Dover St	metered spaces	9	2	2	3		
					non-metered spaces	2	0	0	0		
19	Dover St	North	Elm St	to angle point	metered spaces	13	8	10	10		
		South	Elm St	to angle point	metered spaces	8	7	7	7		
					non-metered spaces	2	0	0	1		

**Design Consultants, Inc.**

**Parking Survey**

Site Location: 45 Day Street  
 City: Somerville, MA

Proj. No.: 2013-045

Dates: Wed May 8, 2013 and Sat May 11, 2013

Street	Side	From	To	Notes	Total No. of Spaces	Average Number of Parked Cars				Average Number of Available Parking Spaces							
						Weekday Afternoon	Weekday Evening	Saturday Afternoon	Saturday Evening	Weekday Afternoon	Weekday Evening	Saturday Afternoon	Saturday Evening				
1	Day Street	South-East	Orchard Street	Herbert Street	metered spaces	13	5.500	9.000	13.000	12.333	7.500	4.000	0.000	0.667			
					non-metered, resident only spaces	8	6.500	5.333	8.000	7.333	1.500	2.667	0.000	0.667			
	North-West	Orchard Street	Herbert Street	metered spaces	7	5.500	5.667	7.000	7.000	1.500	1.333	0.000	0.000				
				non-metered, resident only spaces	9	8.500	9.000	9.000	7.000	0.500	0.000	0.000	2.000				
2	Day Street	South-East	Herbert Street	Elm Street	5-minute only parking, Mon-Sat, 8am-5pm	3	2.500	2.000	0.667	2.333	0.500	1.000	2.333	0.667			
					handicap parking	1	0.000	0.667	0.000	0.333	1.000	0.333	1.000	0.667			
	North-West	Herbert Street	Elm Street	metered spaces	4	4.000	3.000	4.000	4.000	0.000	1.000	0.000	0.000				
				handicap parking	1	0.500	0.333	0.000	0.333	0.500	0.667	1.000	0.667				
3	Day Street Parking Lot			numbered spaces w/ central pay station	58	45.500	54.000	57.000	56.000	12.500	4.000	1.000	2.000				
				handicap parking	3	2.500	1.000	1.333	1.333	0.500	2.000	1.667	1.667				
4	Herbert Street	North-East	Day Street	Chester Street	metered spaces	4	4.000	4.000	3.667	3.667	0.000	0.000	0.333	0.333			
					non-metered spaces	1	1.000	0.667	1.000	1.000	0.000	0.333	0.000	0.000			
	South-West	Day Street	Chester Street	loading zone (Mon-Sat, 8am-6pm)	5	0.000	1.667	5.000	0.000	5.000	3.333	0.000	5.000				
				tow zone	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!				
5	Chester Street	South-East	Herbert Street	Elm Street	metered spaces	6	6.000	6.000	6.000	6.000	0.000	0.000	0.000	0.000			
					metered spaces	5	5.000	4.667	5.000	5.000	0.000	0.333	0.000	0.000			
6	Elm Street	North-East	Day Street	Chester Street	metered spaces	6	6.000	5.333	6.000	6.000	0.000	0.667	0.000	0.000			
					metered spaces	12	12.000	10.333	11.667	11.333	0.000	1.667	0.333	0.667			
7	Elm Street	North-East	Chester Street	Grove Street	metered spaces	4	3.500	4.000	4.000	4.000	0.500	0.000	0.000	0.000			
					15-minute parking	2	2.000	2.000	2.000	2.000	0.000	0.000	0.000	0.000			
	South-West	Chester Street	Grove Street	metered spaces	4	4.000	4.000	4.000	4.000	0.000	0.000	0.000	0.000				
				handicap parking	1	1.000	0.333	1.000	1.000	0.000	0.667	0.000	0.000				
8	Elm Street	South-West	Grove Street	Russell Street	metered spaces	5	5.000	5.000	5.000	5.000	0.000	0.000	0.000	0.000			
					metered spaces	3	3.000	3.000	3.000	3.000	0.000	0.000	0.000	0.000			
					15-minute parking	7	1.000	4.333	6.333	3.667	6.000	2.667	0.667	3.333			
9	Cutter Ave Parking Lot (wedged between Summer St and Elm St)			numbered spaces w/ central pay station	12	12.000	10.667	12.000	11.667	0.000	1.333	0.000	0.333				
10	Parking Lot on west side of Grove Street			metered spaces	15	14.000	13.000	15.000	15.000	1.000	2.000	0.000	0.000				
				handicap parking	1	1.000	0.667	1.000	0.667	0.000	0.333	0.000	0.333				
11	Grove Street Parking Lot on east side of Grove			numbered spaces w/ central pay station (west side only, east side requires business permit)	9	8.000	8.000	9.000	8.667	1.000	1.000	0.000	0.333				
12	Highland Ave	North	Ellington Rd	Grove Street	metered spaces	7	4.500	5.667	7.000	6.667	2.500	1.333	0.000	0.333			
		South	Cutter Ave	Grove Street	metered spaces	9	7.000	8.000	8.667	7.000	2.000	1.000	0.333	2.000			
13	parking lot near Rite-Aid (angled parking)			numbered spaces w/ central pay station	23	18.000	18.333	20.667	22.333	5.000	4.667	2.333	0.667				
				handicap parking	2	1.000	0.000	0.667	0.000	1.000	2.000	1.333	2.000				
14	Highland Ave	North	Grove Street	College Ave	metered spaces	11	7.500	5.333	11.000	9.000	3.500	5.667	0.000	2.000			
					handicap parking	1	1.000	0.667	0.000	1.000	0.000	0.333	1.000	0.000			
		South	Grove Street	College Ave	metered spaces	8	6.500	7.000	7.667	7.000	1.500	1.000	0.333	1.000			
15	Holland St	North-East	Dover St	Winter St	metered spaces	8	6.500	7.667	7.667	7.000	1.500	0.333	0.333	1.000			
					metered spaces	7	6.500	6.000	6.333	7.000	0.500	1.000	0.667	0.000			
		South-West	Dover St	Winter St	non-metered spaces	1	1.000	0.000	0.000	1.000	0.000	1.000	1.000	0.000			
					15-minute parking	1	1.000	0.333	0.000	1.000	0.000	0.667	1.000	0.000			
16	Holland St	North-East	Winter St	Buena Vista Rd	metered spaces	2	2.000	2.000	2.000	2.000	0.000	0.000	0.000	0.000			
					metered spaces	9	9.000	8.000	8.667	8.667	0.000	1.000	0.333	0.333			
17	Buena Vista Road Parking Lot (upper level only, lower level is not public parking)			numbered spaces w/ central pay station	49	29.000	37.667	46.333	47.000	20.000	11.333	2.667	2.000				
				metered spaces	2	0.500	0.667	2.000	0.667	1.500	1.333	0.000	1.333				
				handicap parking	4	2.000	0.000	2.667	4.000	2.000	4.000	1.333	0.000				
				Zipcar only parking	2	0.500	1.000	0.333	0.000	1.500	1.000	1.667	2.000				
18	Meacham Rd	South & West	Buena Vista Rd	Dover St	metered spaces	13	1.500	2.333	2.667	3.667	11.500	10.667	10.333	9.333			
					metered spaces	9	0.000	3.667	2.333	2.333	9.000	5.333	6.667	6.667			
19	Dover St	North & East	Buena Vista Rd	Dover St	non-metered spaces	2	0.000	0.667	0.000	0.000	2.000	1.333	2.000	2.000			
					North	Elm St	to angle point	metered spaces	13	3.500	7.667	8.333	9.333	9.500	5.333	4.667	3.667
								metered spaces	8	3.500	6.000	7.333	7.000	4.500	2.000	0.667	1.000
South	Elm St	to angle point	non-metered spaces	2	2.000	0.667	1.667	0.333	0.000	1.333	0.333	1.667					

	Total No. of Spaces	Average Number of Parked Cars				Average Number of Available Parking Spaces			
		Weekday Afternoon	Weekday Evening	Saturday Afternoon	Saturday Evening	Weekday Afternoon	Weekday Evening	Saturday Afternoon	Saturday Evening
total resident only parking spaces	17	15.000	14.333	17.000	14.333	2.000	2.667	0.000	2.667
total metered parking spaces (both individual meter & central pay station)	345	248.500	275.667	314.000	309.333	96.500	69.333	31.000	35.667
total 5-min only parking spaces	3	2.500	2.000	0.667	2.333	0.500	1.000	2.333	0.667
total 15-min only parking spaces	10	4.000	6.667	8.333	6.667	6.000	3.333	1.667	3.333
total handicap parking spaces	14	9.000	3.667	6.667	8.667	5.000	10.333	7.333	5.333
total Zipcar parking spaces	2	0.500	1.000	0.333	0.000	1.500	1.000	1.667	2.000
total loading zone parking spaces	5	0.000	1.667	5.000	0.000	5.000	3.333	0.000	5.000
total non-metered, unregulated parking spaces	6	4.000	2.000	2.667	2.333	2.000	4.000	3.333	3.667
overall total	402	283.500	307.000	354.667	343.667	118.500	95.000	47.333	58.333
<b>only metered + unregulated spaces</b>	<b>351</b>	<b>252.500</b>	<b>277.667</b>	<b>316.667</b>	<b>311.667</b>	<b>98.500</b>	<b>73.333</b>	<b>34.333</b>	<b>39.333</b>
	<b>100.00%</b>	<b>71.94%</b>	<b>79.11%</b>	<b>90.22%</b>	<b>88.79%</b>	<b>28.06%</b>	<b>20.89%</b>	<b>9.78%</b>	<b>11.21%</b>