

DOWNTOWN FERNDALE PARKING SUPPLY / DEMAND

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1.0 INTRODUCTION

Study Purpose and Approach

This draft report presents an analysis of parking supply and demand in Downtown Ferndale, Michigan. The analysis has been prepared to determine the number of parking spaces that are needed to accommodate the demand generated by the proposed development and the existing demand. A proposed development called Ferndale 3-60 will significantly alter the parking supply/demand dynamics in the area. This analysis includes estimates of the number of parking spaces needed to accommodate the proposed development. Future parking demand is estimated using a shared parking model based upon the Urban Land Institute's Shared Parking publication.

The analysis uses parking utilization data collected by Republic Parking System, Inc. during the period from October 28, 2014 through November 8, 2014. During the survey period hourly counts were made from 10:00 am through 2:00 am that included both metered on-street spaces and municipal off-street spaces.

Study Area

The study area for the analysis is shown in Figure 1. The study includes separate analyses for the area East of Woodward Avenue and the area West of Woodward Avenue. Woodward Avenue forms a significant psychological and physical barrier creating two separate districts. Many people with destinations West of Woodward would not consider parking spaces East of Woodward convenient.

Figure 1 – Study Area



Existing Off-Street Parking

Figure 2 shows the locations of the municipal off-street parking lots in the study area.

Figure 2 – Existing Off-Street Parking



2.0 EXISTING PARKING UTILIZATION - SUMMARY

Parking utilization data was collected by Republic Parking Systems, Inc. personnel from October 28, 2014 through November 8, 2014. During the survey period hourly counts were made from 10:00 am through 2:00 am including both metered on-street spaces and municipal off-street spaces. Detailed results of the occupancy counts are presented in Appendix A.

The existing parking utilization patterns are dominated by the demand generated by the area's restaurants and bars. The existing utilization is presented for:

- Weekdays - Mondays through Thursdays (7 days during the survey period)
- Weekends - Fridays and Saturdays (4 days during the survey period)

East of Woodward

Table 1 summarizes the weekday average recorded parking occupancies in the area East of Woodward. The average occupancy in the five off-street lots ranged from 29% occupied to 57% occupied. The peak occupancy of the off-street lots ranged from 49% occupied to 94% occupied. The on-street spaces had average occupancies of just less than 50% occupied. The peak occupancy of the on-street two zones East of Woodward were 68% and 75% occupied. The overall total peaked at 54% occupied occurring in the afternoon at about 1:00 pm. However, the overall occupancy remained at about 50% throughout the day.

Table 1 – Weekday Parking Occupancy – East of Woodward

SEVEN DAY AVERAGE										
Monday - Thursday										
10/28/14 to 11/6/14										
	Off-Street Occupancy					Off-Street	On-Street		On-Street	East of
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	Woodward	Zone 3	Zone 4	Woodward	Woodward
Capacity	48	66	97	45	53	309	61	50	111	Totals
Average Occupancy	46%	53%	33%	57%	29%	42%	48%	47%	48%	40%
Peak Occupancy	64%	80%	59%	94%	49%	58%	75%	68%	66%	54%
Spaces Available @ Peak	17	13	40	3	27	129	15	16	37	212

Table 2 similarly presents the average parking occupancy for weekends (Friday and Saturday) in the area East of Woodward Avenue. The average occupancy of the off-street lots ranged from 32% occupied to 67% occupied. Lot 10 and Lot 13 had average occupancy levels that exceeded 85% throughout the evening hours. The average peak occupancy periods for the on-street spaces occurred in the evening after 9:00 pm.

Table 2 – Weekend Parking Occupancy – East of Woodward

FOUR DAY AVERAGE										
Friday - Saturday										
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	Off-Street	On-Street		On-Street	East of
						Woodward	Zone 3	Zone 4	Woodward	Woodward
	48	66	97	45	53	309	61	50	111	Totals
Average Occupancy	59%	68%	32%	67%	35%	50%	63%	53%	59%	52%
Peak Occupancy	86%	92%	47%	93%	71%	69%	80%	80%	75%	71%
Spaces Available @ Peak	7	6	51	3	15	94	12	10	28	122

West of Woodward

Table 3 summarizes the weekday average recorded parking occupancies in the area West of Woodward. The average occupancy in the seven off-street lots ranged from 9% occupied to 70% occupied. The peak occupancy of the off-street lots ranged from 14% occupied to 96% occupied. The on-street space zones had average occupancies of 29% and 52% occupied. The peak occupancy of the on-street two zones West of Woodward were 51% and 84% occupied. The overall total peaked at 64% occupied occurring in the evening at about 7:00 pm. However, the overall average occupancy remained at less than 50% throughout the survey days.

Table 3 – Weekday Parking Occupancy – West of Woodward

SEVEN DAY AVERAGE												
Monday - Thursday												
10/28/14 to 11/6/14												
	Off-Street Occupancy							Off-Street	On-Street		West of	
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	Zone 1	Zone 2	Woodward	Totals
Capacity	88	39	283	40	137	39	39	665	108	81	189	854
Average Occupancy	9%	31%	35%	47%	47%	54%	70%	38%	29%	52%	39%	38%
Peak Occupancy	14%	60%	64%	87%	82%	84%	96%	63%	51%	84%	65%	64%
Spaces Available @ Peak	76	16	102	5	24	6	1	245	52	13	66	311

Table 4 presents the average parking occupancy for weekends (Friday and Saturday) in the area West of Woodward Avenue. The average occupancy of the off-street lots ranged from 21% occupied to 84% occupied. All but Lot 1 had average peak occupancies of over 85% full. The peak occupancy in Lot 7 was greater than the striped capacity of the lot. The metered on-street spaces, particularly in Zone 2 (south of 9 Mile Road) had occupancies of over 85% throughout the evening hours. The overall parking occupancy West of Woodward was 70% to 86% full during the evening hours.

Table 4 – Weekend Parking Occupancy – West of Woodward

FOUR DAY AVERAGE												
Friday - Saturday												
	Off-Street Occupancy							Off-Street	On-Street		West of	
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	Zone 1	Zone 2	Woodward	Totals
Capacity	88	39	283	40	137	39	39	665	108	81	189	815
Average Occupancy	21%	60%	60%	70%	79%	84%	84%	62%	51%	76%	61%	65%
Peak Occupancy	44%	96%	89%	94%	98%	104%	97%	83%	71%	93%	80%	86%
Spaces Available @ Peak	49	2	31	3	3	-2	1	116	31	6	38	117

5.0 SUMMARY

Woodward Avenue forms a significant psychological and physical barrier creating two separate downtown districts. Many people with destinations West of Woodward would not consider parking spaces East of Woodward suitable. This study focuses on the area West of Woodward and the impact of the proposed 3-60 development. An underlying assumption of the analysis is that all of the municipal spaces West of Woodward are reasonably convenient for most destinations.

The proposed 3-60 development will undoubtedly modify the parking supply / dynamics in Downtown Ferndale. The proposed development contains a substantial office space component which will generate a larger demand for parking spaces during weekday daytime hours. As the office workers, and visitors, depart for the day parking spaces will become available to accommodate the demand generated by the restaurants/bars in the area.

It appears that the future supply of spaces, including the two proposed parking structures, will be able to reasonably accommodate the expected demand. During peak demand periods some parkers may need to park a couple of blocks from their destination. However, empty spaces should be available within the future municipal parking system.

APPENDIX A – PARKING OCCUPANCY SURVEY RESULTS

Parking Occupancy - Weekdays - West of Woodward

	Off-Street Occupancy								Off-Street	On-Street			West of	Total
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	Woodward	West of Woodward	On-Street Zone 1	On-Street Zone 2	West of Woodward	Woodward Totals	
Capacity	88	39	283	40	137	39	39	665		108	81	189	854	

Tuesday 10/28/14

10:00 AM	9	23	91	13	34	11	24	205	ns	ns		205	31%
11:00 AM	10	24	94	17	36	14	24	219	37	39	76	295	35%
12:00 PM	10	25	105	20	42	15	26	243	48	57	105	348	41%
1:00 PM	11	24	112	23	59	19	26	274	51	51	102	376	44%
2:00 PM	8	11	109	15	51	21	28	243	40	42	82	325	38%
3:00 PM	7	11	114	17	46	22	26	243	34	36	70	313	37%
4:00 PM	7	9	106	21	42	25	35	245	32	43	75	320	37%
5:00 PM	6	10	89	24	56	23	36	244	35	54	89	333	39%
6:00 PM	8	10	97	30	77	25	37	284	44	65	109	393	46%
7:00 PM	8	11	123	35	84	29	37	327	57	72	129	456	53%
8:00 PM	6	10	108	29	87	27	34	301	51	63	114	415	49%
9:00 PM	5	11	74	20	88	24	20	242	27	21	48	290	34%
10:00 PM	5	8	49	6	67	24	30	189	10	22	32	221	26%
11:00 PM	6	7	24	5	42	19	13	116	12	24	36	152	18%
12:00 AM	7	4	19	2	21	11	19	83	2	7	9	92	11%
1:00 AM	6	4	15	0	16	11	11	63	2	7	9	72	8%
2:00 AM	6	3	15	0	10	9	9	52	2	9	11	63	7%
Average Occupancy	8%	31%	28%	41%	37%	50%	66%		28%	47%			
Peak Occupancy	13%	64%	43%	88%	64%	74%	95%		53%	89%			

Wednesday 10/29/14

10:00 AM	10	24	94	23	30	11	24	216	24	31	55	271	32%
11:00 AM	10	26	99	25	35	18	25	238	35	47	82	320	37%
12:00 PM	12	27	105	25	55	19	28	271	40	63	103	374	44%
1:00 PM	12	28	118	22	68	23	33	304	34	58	92	396	46%
2:00 PM	10	9	123	18	63	23	30	276	37	53	90	366	43%
3:00 PM	9	11	139	19	61	24	26	289	36	50	86	375	44%
4:00 PM	9	12	135	23	54	21	33	287	28	51	79	366	43%
5:00 PM	10	13	133	24	77	26	37	320	36	53	89	409	48%
6:00 PM	10	11	159	29	126	30	36	401	54	71	125	526	62%
7:00 PM	9	12	170	33	133	34	39	430	54	67	121	551	65%
8:00 PM	9	13	168	35	130	37	39	431	53	59	112	543	64%
9:00 PM	6	15	113	37	103	32	36	342	35	28	63	405	47%
10:00 PM	4	10	63	14	21	31	30	173	31	23	54	227	27%
11:00 PM	4	10	44	8	64	28	32	190	13	23	36	226	26%
12:00 AM	4	6	33	3	36	18	28	128	8	23	31	159	19%
1:00 AM	4	6	18	2	20	11	24	85	9	16	25	110	13%
2:00 AM	4	4	13	0	16	7	20	64	7	15	22	86	10%
Average Occupancy	9%	36%	36%	50%	47%	59%	78%		29%	53%			
Peak Occupancy	14%	72%	60%	93%	97%	95%	100%		50%	88%			

Parking Occupancy - Weekdays - West of Woodward

	Off-Street Occupancy								Off-Street	On-Street			West of	Total
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	On-Street Zone 1	On-Street Zone 2	West of Woodward	Woodward Totals	Percent Occupied	
Capacity	88	39	283	40	137	39	39	665	108	81	189	854		

Thursday 10/30/14

10:00 AM	12	24	84	15	27	14	26	202	34	31	65	267	31%
11:00 AM	10	24	96	17	35	16	27	225	34	49	83	308	36%
12:00 PM	11	26	115	28	67	19	33	299	33	73	106	405	47%
1:00 PM	13	26	108	21	78	21	35	302	48	61	109	411	48%
2:00 PM	13	13	94	17	71	21	30	259	44	61	105	364	43%
3:00 PM	12	12	115	19	79	20	31	288	32	58	90	378	44%
4:00 PM	10	11	123	22	88	23	34	311	29	54	83	394	46%
5:00 PM	9	13	130	20	95	24	36	327	35	64	99	426	50%
6:00 PM	7	12	193	27	120	26	39	424	45	69	114	538	63%
7:00 PM	6	23	267	40	122	29	37	524	56	72	128	652	76%
8:00 PM	8	17	248	33	99	29	33	467	55	68	123	590	69%
9:00 PM	3	12	166	31	77	27	28	344	40	42	82	426	50%
10:00 PM	3	11	145	14	108	24	22	327	36	36	72	399	47%
11:00 PM	4	7	76	11	62	19	24	203	25	26	51	254	30%
12:00 AM	4	7	41	7	44	15	11	129	17	16	33	162	19%
1:00 AM	4	5	23	1	31	9	10	83	4	11	15	98	11%
2:00 AM	3	4	16	0	24	6	4	57	4	7	11	68	8%
Average Occupancy	9%	37%	42%	48%	53%	52%	69%		31%	58%			
Peak Occupancy	15%	67%	94%	100%	89%	74%	100%		52%	90%			

Monday 11/3/14

10:00 AM	6	4	64	9	25	15	16	139	24	38	62	201	24%
11:00 AM	10	5	72	11	38	17	19	172	27	23	50	222	26%
12:00 PM	11	6	94	27	47	19	28	232	22	52	74	306	36%
1:00 PM	14	6	114	23	48	16	32	253	38	53	91	344	40%
2:00 PM	13	8	96	19	50	21	33	240	37	35	72	312	37%
3:00 PM	13	8	105	12	46	15	34	233	37	47	84	317	37%
4:00 PM	10	8	114	11	47	18	32	240	29	53	82	322	38%
5:00 PM	7	9	152	30	58	27	38	321	37	65	102	423	50%
6:00 PM	7	9	131	29	79	37	38	330	43	72	115	445	52%
7:00 PM	12	9	148	22	93	34	35	353	45	64	109	462	54%
8:00 PM	5	9	172	27	91	33	38	375	39	70	109	484	57%
9:00 PM	9	9	122	36	105	15	30	326	32	39	71	397	46%
10:00 PM	6	5	65	20	63	10	20	189	32	34	66	255	30%
11:00 PM	4	5	51	18	50	7	19	154	23	32	55	209	24%
12:00 AM	3	3	28	9	34	5	10	92	5	19	24	116	14%
1:00 AM	3	2	21	0	21	2	7	56	3	10	13	69	8%
2:00 AM	3	2	15	0	18	2	6	46	0	8	8	54	6%
Average Occupancy	9%	16%	33%	45%	39%	44%	66%		26%	52%			
Peak Occupancy	16%	23%	61%	90%	77%	95%	97%		42%	89%			

Parking Occupancy - Weekdays - West of Woodward

	Off-Street Occupancy								Off-Street	On-Street		West of	Total
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	On-Street Zone 1	On-Street Zone 2	West of Woodward	Percent Occupied	
Capacity	88	39	283	40	137	39	39	665	108	81	189	854	

Tuesday 11/4/14

10:00 AM	10	22	73	14	31	12	23	185	27	32	59	244	29%
11:00 AM	9	23	81	15	33	16	24	201	41	44	85	286	33%
12:00 PM	17	25	99	19	43	17	24	244	46	52	98	342	40%
1:00 PM	12	24	108	24	49	21	27	265	39	48	87	352	41%
2:00 PM	7	9	103	16	60	23	25	243	42	50	92	335	39%
3:00 PM	7	9	110	16	54	20	27	243	37	47	84	327	38%
4:00 PM	6	8	102	22	50	24	30	242	29	45	74	316	37%
5:00 PM	4	9	91	26	53	26	33	242	33	49	82	324	38%
6:00 PM	5	10	107	29	71	33	36	291	58	63	121	412	48%
7:00 PM	5	8	134	34	87	36	36	340	54	58	112	452	53%
8:00 PM	6	7	112	27	98	39	32	321	50	55	105	426	50%
9:00 PM	5	11	105	22	104	37	29	313	41	36	77	390	46%
10:00 PM	3	11	76	8	87	31	32	248	29	34	63	311	36%
11:00 PM	3	7	39	4	57	20	19	149	18	30	48	197	23%
12:00 AM	3	5	25	0	25	16	14	88	11	17	28	116	14%
1:00 AM	3	3	21	0	17	16	11	71	11	17	28	99	12%
2:00 AM	3	3	13	0	11	6	2	38	3	5	8	46	5%
Average Occupancy	7%	29%	29%	41%	40%	59%	64%		31%	50%			
Peak Occupancy	19%	64%	47%	85%	76%	100%	92%		54%	78%			

Wednesday 11/5/14

10:00 AM	10	24	96	15	33	13	24	215	38	37	75	290	34%
11:00 AM	11	26	98	21	37	18	29	240	37	38	75	315	37%
12:00 PM	12	29	107	24	51	18	29	270	25	50	75	345	40%
1:00 PM	12	29	115	23	79	20	37	315	32	72	104	419	49%
2:00 PM	11	9	121	16	46	18	32	253	32	59	91	344	40%
3:00 PM	9	12	143	19	53	19	28	283	37	62	99	382	45%
4:00 PM	10	11	141	26	51	23	36	298	33	48	81	379	44%
5:00 PM	11	12	137	28	87	26	39	340	44	75	119	459	54%
6:00 PM	11	12	157	38	135	32	38	423	51	68	119	542	63%
7:00 PM	11	10	173	39	140	37	38	448	61	63	124	572	67%
8:00 PM	11	9	172	39	138	36	39	444	48	67	115	559	65%
9:00 PM	5	9	111	32	115	35	24	331	28	44	72	403	47%
10:00 PM	6	8	85	28	132	27	27	313	30	42	72	385	45%
11:00 PM	6	2	47	11	128	20	28	242	22	38	60	302	35%
12:00 AM	4	1	32	4	112	16	30	199	13	24	37	236	28%
1:00 AM	4	2	25	2	97	9	28	167	8	18	26	193	23%
2:00 AM	1	2	10	2	18	1	6	40	8	15	23	63	7%
Average Occupancy	10%	31%	37%	54%	62%	56%	77%		30%	60%			
Peak Occupancy	14%	74%	61%	98%	102%	95%	100%		56%	93%			

Parking Occupancy - Weekdays - West of Woodward

	Off-Street Occupancy							Off-Street	On-Street			West of	Total
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	On-Street Zone 1	On-Street Zone 2	West of Woodward	Woodward Totals	
Capacity	88	39	283	40	137	39	39	665	108	81	189	854	

Thursday 11/6/14

10:00 AM	13	24	87	13	28	16	25	206	23	41	64	270	32%
11:00 AM	11	25	97	16	34	20	25	228	38	44	82	310	36%
12:00 PM	13	26	118	24	58	22	34	295	44	23	67	362	42%
1:00 PM	13	27	115	19	55	20	32	281	50	67	117	398	47%
2:00 PM	13	12	98	15	57	20	24	239	33	51	84	323	38%
3:00 PM	11	11	121	19	42	27	25	256	31	39	70	326	38%
4:00 PM	10	11	125	20	62	25	31	284	38	54	92	376	44%
5:00 PM	10	14	127	23	76	24	38	312	31	59	90	402	47%
6:00 PM	6	14	183	29	126	27	39	424	46	70	116	540	63%
7:00 PM	8	20	254	41	130	27	39	519	62	74	136	655	77%
8:00 PM	8	19	238	36	128	28	36	493	47	50	97	590	69%
9:00 PM	3	16	160	32	117	30	32	390	34	47	81	471	55%
10:00 PM	3	15	157	33	121	31	28	388	13	17	30	418	49%
11:00 PM	4	12	59	28	123	28	33	287	7	1	8	295	35%
12:00 AM	4	5	39	7	40	16	16	127	4	5	9	136	16%
1:00 AM	5	4	26	2	32	12	14	95	ns	ns		95	11%
2:00 AM	5	4	18	0	17	6	4	54	ns	ns		54	6%
Average Occupancy	9%	39%	42%	53%	53%	57%	72%		31%	53%			
Peak Occupancy	15%	69%	90%	103%	95%	79%	100%		57%	91%			

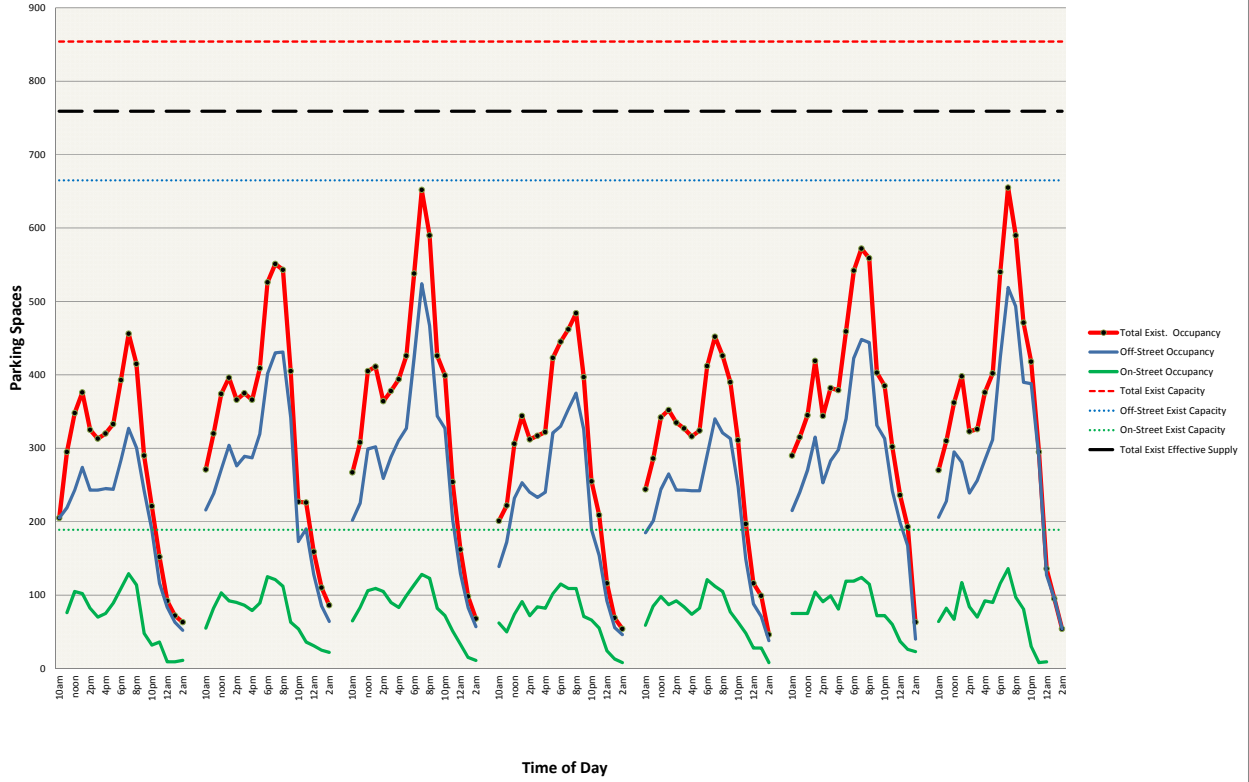
SEVEN DAY AVERAGE

Monday - Thursday
10/28/14 to 11/6/14

	Off-Street Occupancy							Off-Street	On-Street			West of	Total
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	On-Street Zone 1	On-Street Zone 2	West of Woodward	Woodward Totals	
Capacity	88	39	283	40	137	39	39	665	108	81	189	854	
10:00 AM	10	21	84	15	30	13	23	195	28	35	63	259	30%
11:00 AM	10	22	91	17	35	17	25	218	36	41	76	294	34%
12:00 PM	12	23	106	24	52	18	29	265	37	53	90	355	42%
1:00 PM	12	23	113	22	62	20	32	285	42	59	100	385	45%
2:00 PM	11	10	106	17	57	21	29	250	38	50	88	338	40%
3:00 PM	10	11	121	17	54	21	28	262	35	48	83	345	40%
4:00 PM	9	10	121	21	56	23	33	272	31	50	81	353	41%
5:00 PM	8	11	123	25	72	25	37	301	36	60	96	397	46%
6:00 PM	8	11	147	30	105	30	38	368	49	68	117	485	57%
7:00 PM	8	13	181	35	113	32	37	420	56	67	123	543	64%
8:00 PM	8	12	174	32	110	33	36	405	49	62	111	515	60%
9:00 PM	5	12	122	30	101	29	28	327	34	37	71	397	47%
10:00 PM	4	10	91	18	86	25	27	261	26	30	56	317	37%
11:00 PM	4	7	49	12	75	20	24	192	17	25	42	234	27%
12:00 AM	4	4	31	5	45	14	18	121	9	16	24	145	17%
1:00 AM	4	4	21	1	33	10	15	89	6	13	19	108	13%
2:00 AM	4	3	14	0	16	5	7	50	4	10	14	64	7%
Average Occupancy	9%	31%	35%	47%	47%	54%	70%	38%	29%	52%	39%	38%	
Peak Occupancy	14%	60%	64%	87%	82%	84%	96%	63%	51%	84%	65%	64%	

Yellow highlighting indicates occupancies 85% or greater

Parking Occupancy West of Woodward - Mondays thru Thursdays



Parking Occupancy - Weekdays - East of Woodward

	Off-Street Occupancy					Off-Street	On-Street				East of	Total
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	Woodward	Zone 3	Zone 4	East of Woodward	Woodward		
Capacity	48	66	97	45	53	309	61	50	111	459	Percent Occupied	Percent Occupied

Tuesday 10/28/14

10:00 AM	16	37	54	8	12	127	41%	ns	ns			127	36%
11:00 AM	18	39	62	7	13	139	40%	30	21	51	46%	190	41%
12:00 PM	26	57	50	20	15	168	48%	44	25	69	62%	237	52%
1:00 PM	25	61	59	26	19	190	55%	38	24	62	56%	252	55%
2:00 PM	23	53	53	15	10	154	44%	35	27	62	56%	216	47%
3:00 PM	20	50	57	16	7	150	43%	32	28	60	54%	210	46%
4:00 PM	14	43	56	23	7	143	41%	30	20	50	45%	193	42%
5:00 PM	27	38	41	27	6	139	40%	33	27	60	54%	199	43%
6:00 PM	29	42	33	29	4	137	39%	38	29	67	60%	204	44%
7:00 PM	22	37	25	28	17	129	37%	45	31	76	68%	205	45%
8:00 PM	19	30	25	32	12	118	34%	41	28	69	62%	187	41%
9:00 PM	21	36	18	29	13	117	34%	19	23	42	38%	159	35%
10:00 PM	18	23	9	31	10	91	26%	19	24	43	39%	134	29%
11:00 PM	18	17	7	25	4	71	20%	18	19	37	33%	108	24%
12:00 AM	18	13	4	16	3	54	16%	14	20	34	31%	88	19%
1:00 AM	16	9	2	10	3	40	11%	9	14	23	21%	63	14%
2:00 AM	12	7	2	8	3	32	9%	7	13	20	18%	52	11%
Average Occupancy	42%	53%	34%	46%	18%			46%	47%				
Peak Occupancy	60%	92%	64%	71%	36%			74%	62%				

Wednesday 10/29/14

10:00 AM	21	37	51	6	14	129	42%	28	19	47	42%	176	38%
11:00 AM	22	30	56	7	16	131	38%	27	24	51	46%	182	40%
12:00 PM	28	32	50	19	18	147	42%	39	28	67	60%	214	47%
1:00 PM	21	43	58	25	15	162	47%	43	29	72	65%	234	51%
2:00 PM	20	36	55	19	8	138	40%	36	25	61	55%	199	43%
3:00 PM	18	34	54	18	8	132	38%	37	25	62	56%	194	42%
4:00 PM	13	32	52	39	7	143	41%	27	20	47	42%	190	41%
5:00 PM	19	31	26	42	6	124	36%	31	18	49	44%	173	38%
6:00 PM	17	34	32	43	8	134	39%	44	25	69	62%	203	44%
7:00 PM	24	42	25	40	17	148	43%	37	22	59	53%	207	45%
8:00 PM	23	37	19	49	19	147	42%	48	23	71	64%	218	47%
9:00 PM	24	34	10	37	21	126	36%	20	29	49	44%	175	38%
10:00 PM	37	24	14	3	12	90	26%	21	32	53	48%	143	31%
11:00 PM	33	16	12	32	10	103	30%	21	21	42	38%	145	32%
12:00 AM	20	11	3	22	6	62	18%	18	16	34	31%	96	21%
1:00 AM	16	9	2	19	4	50	14%	19	14	33	30%	83	18%
2:00 AM	7	5	1	8	5	26	7%	19	13	32	29%	58	13%
Average Occupancy	44%	43%	32%	56%	22%			50%	45%				
Peak Occupancy	77%	65%	60%	109%	40%			79%	64%				

Parking Occupancy - Weekdays - East of Woodward

	Off-Street Occupancy					Off-Street	On-Street				East of Woodward	Total
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	East of Woodward	On-Street Zone 3	On-Street Zone 4	On-Street East of Woodward	On-Street Percent Occupied	Totals	Percent Occupied
Capacity	48	66	97	45	53	309	61	50	111		459	

Thursday 10/30/14

10:00 AM	15	26	49	11	9	110	36%	20	16	36	32%	146	32%
11:00 AM	20	29	47	10	10	116	33%	26	22	48	43%	164	36%
12:00 PM	25	36	51	21	13	146	42%	39	24	63	57%	209	46%
1:00 PM	27	48	58	28	18	179	51%	45	25	70	63%	249	54%
2:00 PM	26	37	60	30	12	165	47%	41	25	66	59%	231	50%
3:00 PM	29	42	57	25	11	164	47%	29	28	57	51%	221	48%
4:00 PM	14	43	50	21	13	141	41%	31	21	52	47%	193	42%
5:00 PM	18	42	52	24	18	154	44%	28	19	47	42%	201	44%
6:00 PM	25	41	24	29	21	140	40%	52	31	83	75%	223	49%
7:00 PM	33	45	29	41	37	185	53%	63	35	98	88%	283	62%
8:00 PM	42	45	26	44	46	203	58%	58	38	96	86%	299	65%
9:00 PM	43	47	16	43	49	198	57%	34	53	87	78%	285	62%
10:00 PM	42	47	18	34	44	185	53%	54	34	88	79%	273	59%
11:00 PM	33	30	12	42	46	163	47%	27	50	77	69%	240	52%
12:00 AM	30	23	6	39	52	150	43%	25	45	70	63%	220	48%
1:00 AM	14	10	2	33	47	106	30%	23	52	75	68%	181	39%
2:00 AM	10	8	0	30	31	79	23%	19	18	37	33%	116	25%
Average Occupancy	55%	53%	34%	66%	53%			59%	63%				
Peak Occupancy	90%	73%	62%	98%	98%			103%	106%				

Monday 11/3/14

10:00 AM	17	25	55	5	6	108	35%	25	19	44	40%	152	33%
11:00 AM	18	28	62	6	7	121	35%	25	20	45	41%	166	36%
12:00 PM	23	37	51	18	10	139	40%	33	23	56	50%	195	42%
1:00 PM	25	55	47	46	12	185	53%	43	31	74	67%	259	56%
2:00 PM	22	49	57	15	13	156	45%	35	25	60	54%	216	47%
3:00 PM	21	54	61	17	12	165	47%	30	24	54	49%	219	48%
4:00 PM	14	51	56	16	7	144	41%	30	17	47	42%	191	42%
5:00 PM	18	44	49	25	5	141	41%	28	22	50	45%	191	42%
6:00 PM	24	56	40	35	3	158	45%	40	23	63	57%	221	48%
7:00 PM	14	49	25	44	9	141	41%	45	24	69	62%	210	46%
8:00 PM	25	42	23	47	10	147	42%	37	21	58	52%	205	45%
9:00 PM	17	45	1	44	8	115	33%	17	32	49	44%	164	36%
10:00 PM	14	34	5	46	9	108	31%	17	24	41	37%	149	32%
11:00 PM	8	33	5	22	8	76	22%	16	22	38	34%	114	25%
12:00 AM	16	16	0	17	1	50	14%	15	15	30	27%	80	17%
1:00 AM	9	7	0	16	1	33	9%	14	14	28	25%	61	13%
2:00 AM	2	5	0	15	1	23	7%	6	4	10	9%	33	7%
Average Occupancy	35%	56%	33%	57%	14%			44%	42%				
Peak Occupancy	52%	85%	64%	104%	25%			74%	64%				

Parking Occupancy - Weekdays - East of Woodward

	Off-Street Occupancy					Off-Street	On-Street				East of	Total
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	Woodward	Zone 3	Zone 4	East of Woodward	Woodward		
Capacity	48	66	97	45	53	309	61	50	111	459	Percent Occupied	

Tuesday 11/4/14

10:00 AM	19	36	53	7	11	126	41%	29	20	49	44%	175	38%
11:00 AM	20	38	59	8	14	139	40%	32	22	54	49%	193	42%
12:00 PM	25	33	55	17	17	147	42%	41	25	66	59%	213	46%
1:00 PM	23	49	58	23	21	174	50%	36	29	65	59%	239	52%
2:00 PM	21	43	53	19	23	159	46%	33	27	60	54%	219	48%
3:00 PM	19	36	50	16	15	136	39%	31	29	60	54%	196	43%
4:00 PM	14	32	53	36	8	143	41%	28	21	49	44%	192	42%
5:00 PM	18	30	32	39	7	126	36%	32	26	58	52%	184	40%
6:00 PM	23	37	30	42	5	137	39%	35	30	65	59%	202	44%
7:00 PM	29	45	29	38	9	150	43%	40	28	68	61%	218	47%
8:00 PM	36	49	24	35	11	155	45%	34	28	62	56%	217	47%
9:00 PM	40	55	33	36	11	175	50%	29	22	51	46%	226	49%
10:00 PM	34	45	18	29	9	135	39%	25	24	49	44%	184	40%
11:00 PM	36	21	1	24	5	87	25%	24	15	39	35%	126	27%
12:00 AM	28	14	1	18	3	64	18%	17	8	25	23%	89	19%
1:00 AM	27	12	1	19	3	62	18%	17	6	23	21%	85	19%
2:00 AM	19	10	1	9	1	40	11%	7	5	12	11%	52	11%
Average Occupancy	53%	52%	33%	54%	19%			47%	43%				
Peak Occupancy	83%	83%	61%	93%	43%			67%	60%				

Wednesday 11/5/14

10:00 AM	18	41	57	7	14	137	44%	24	21	45	41%	182	40%
11:00 AM	19	47	64	7	15	152	44%	30	18	48	43%	200	44%
12:00 PM	36	67	51	21	19	194	56%	39	22	61	55%	255	56%
1:00 PM	25	65	62	27	16	195	56%	42	24	66	59%	261	57%
2:00 PM	19	53	48	17	6	143	41%	24	22	46	41%	189	41%
3:00 PM	23	52	51	19	6	151	43%	23	20	43	39%	194	42%
4:00 PM	15	49	55	42	6	167	48%	35	22	57	51%	224	49%
5:00 PM	25	38	27	46	7	143	41%	44	19	63	57%	206	45%
6:00 PM	18	45	34	46	9	152	44%	50	25	75	68%	227	49%
7:00 PM	18	61	25	45	31	180	52%	44	25	69	62%	249	54%
8:00 PM	19	57	27	46	30	179	51%	51	23	74	67%	253	55%
9:00 PM	37	44	19	34	43	177	51%	27	29	56	50%	233	51%
10:00 PM	39	40	15	33	32	159	46%	26	32	58	52%	217	47%
11:00 PM	20	21	6	40	17	104	30%	19	15	34	31%	138	30%
12:00 AM	16	15	4	41	14	90	26%	10	6	16	14%	106	23%
1:00 AM	20	8	3	21	3	55	16%	6	4	10	9%	65	14%
2:00 AM	14	4	1	3	1	23	7%	4	6	10	9%	33	7%
Average Occupancy	47%	63%	33%	65%	30%			48%	39%				
Peak Occupancy	81%	102%	66%	102%	81%			84%	64%				

Parking Occupancy - Weekdays - East of Woodward

	Off-Street Occupancy					Off-Street	On-Street				East of	Total
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	East of Woodward	On-Street Zone 3	On-Street Zone 4	On-Street East of Woodward	On-Street Percent Occupied	Woodward Totals	
Capacity	48	66	97	45	53	309	61	50	111		459	

Thursday 11/6/14

10:00 AM	22	24	45	10	10	111	36%	19	19	38	34%	149	32%
11:00 AM	21	26	51	10	13	121	35%	22	24	46	41%	167	36%
12:00 PM	26	35	52	23	13	149	43%	31	29	60	54%	209	46%
1:00 PM	22	49	59	27	20	177	51%	34	21	55	50%	232	51%
2:00 PM	20	39	57	28	9	153	44%	35	23	58	52%	211	46%
3:00 PM	14	38	56	24	9	141	41%	27	21	48	43%	189	41%
4:00 PM	14	46	49	23	9	141	41%	26	26	52	47%	193	42%
5:00 PM	15	44	50	25	41	175	50%	40	25	65	59%	240	52%
6:00 PM	19	42	27	30	5	123	35%	31	23	54	49%	177	39%
7:00 PM	25	45	33	42	15	160	46%	47	24	71	64%	231	50%
8:00 PM	25	41	29	43	32	170	49%	38	48	86	77%	256	56%
9:00 PM	28	36	19	43	37	163	47%	40	50	90	81%	253	55%
10:00 PM	31	42	18	43	47	181	52%	19	30	49	44%	230	50%
11:00 PM	27	43	23	42	49	184	53%	11	28	39	35%	223	49%
12:00 AM	23	19	3	15	45	105	30%	9	13	22	20%	127	28%
1:00 AM	27	9	1	13	47	97	28%			0		97	31%
2:00 AM	17	4	1	7	19	48	14%			0		48	16%
Average Occupancy	46%	52%	35%	59%	47%			47%	54%				
Peak Occupancy	65%	74%	61%	96%	92%			77%	100%				

SEVEN DAY AVERAGE

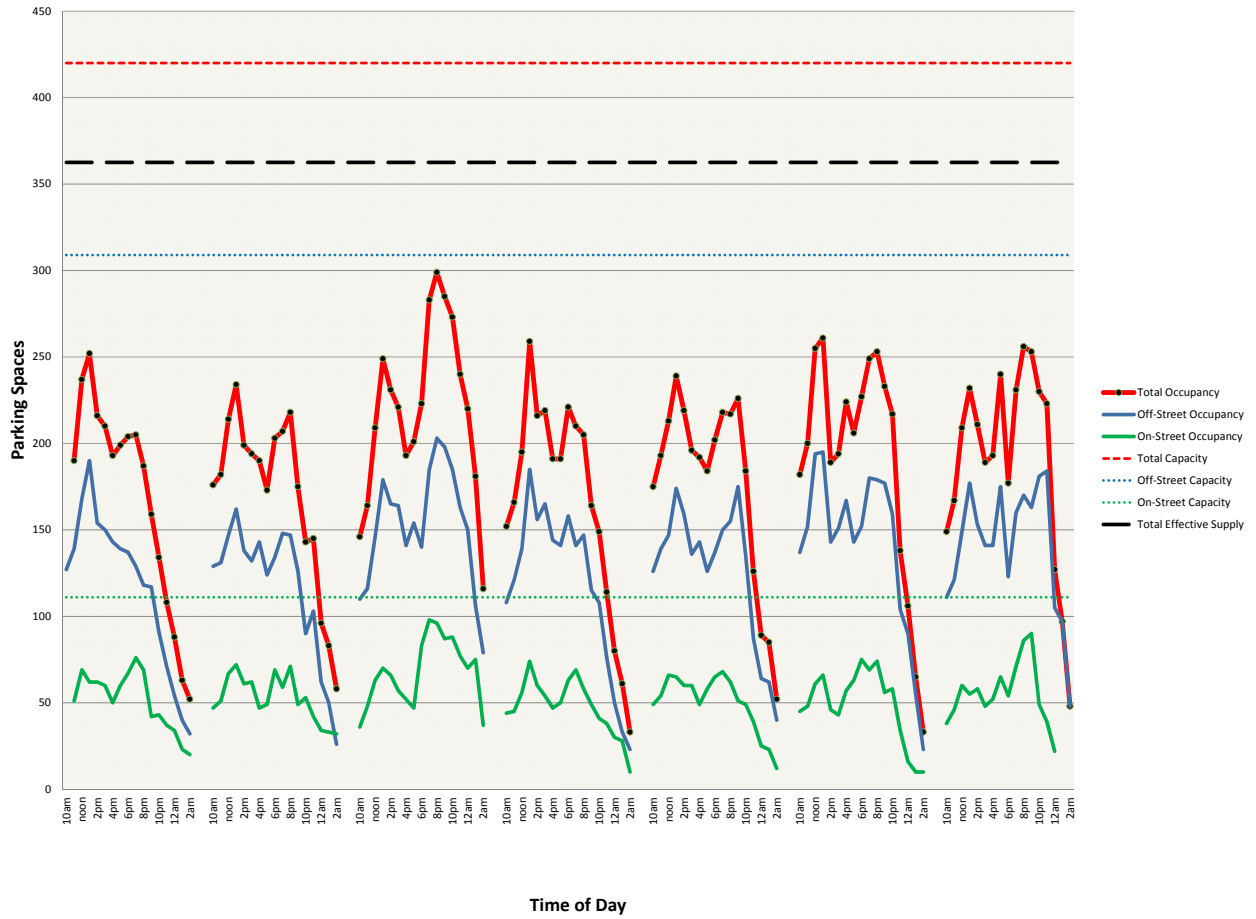
Monday - Thursday

10/28/14 to 11/6/14

	Off-Street Occupancy					Off-Street	On-Street				East of	Total	
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	East of Woodward	On-Street Zone 3	On-Street Zone 4	On-Street East of Woodward	On-Street Percent Occupied	Woodward Totals		Percent Occupied
Capacity	48	66	97	45	53	309	61	50	111		459		
10:00 AM	18	32	52	8	11	121	39%	24	19	43	39%	164	36%
11:00 AM	20	34	57	8	13	131	38%	27	22	49	44%	180	39%
12:00 PM	27	42	51	20	15	156	45%	38	25	63	57%	219	48%
1:00 PM	24	53	57	29	17	180	52%	40	26	66	60%	247	54%
2:00 PM	22	44	55	20	12	153	44%	34	25	59	53%	212	46%
3:00 PM	21	44	55	19	10	148	43%	30	25	55	49%	203	44%
4:00 PM	14	42	53	29	8	146	42%	30	21	51	46%	197	43%
5:00 PM	20	38	40	33	13	143	41%	34	22	56	50%	199	43%
6:00 PM	22	42	31	36	8	140	40%	41	27	68	61%	208	45%
7:00 PM	24	46	27	40	19	156	45%	46	27	73	66%	229	50%
8:00 PM	27	43	25	42	23	160	46%	44	30	74	66%	234	51%
9:00 PM	30	42	17	38	26	153	44%	27	34	61	55%	214	47%
10:00 PM	31	36	14	31	23	136	39%	26	29	54	49%	190	41%
11:00 PM	25	26	9	32	20	113	32%	19	24	44	39%	156	34%
12:00 AM	22	16	3	24	18	82	24%	15	18	33	30%	115	25%
1:00 AM	18	9	2	19	15	63	18%	15	17	32	29%	95	21%
2:00 AM	12	6	1	11	9	39	11%	10	10	20	18%	59	13%
Average Occupancy	46%	53%	33%	57%	29%	42%		48%	47%	48%		40%	
Peak Occupancy	64%	80%	59%	94%	49%	58%		75%	68%	66%		54%	

Yellow highlighting indicates occupancies 85% or greater

Parking Occupancy East of Woodward - Mondays thru Thursdays



Parking Occupancy - Weekends - West of Woodward

	Off-Street Occupancy							Off-Street	On-Street		West of	Total	
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	Zone 1	Zone 2	Woodward		Woodward Totals
Capacity	88	39	283	40	137	39	39	665	108	81	189	815	

Friday 10/31/14

10:00 AM	11	22	79	17	43	11	28	211	32	48		211	34%
11:00 AM	12	23	100	19	49	13	30	246	38	37	75	321	39%
12:00 PM	14	25	117	24	75	20	35	310	45	44	89	399	49%
1:00 PM	12	23	129	26	89	21	38	338	42	65	107	445	55%
2:00 PM	10	19	148	19	71	21	36	324	41	62	103	427	52%
3:00 PM	10	8	152	21	75	22	37	325	32	48	80	405	50%
4:00 PM	9	11	164	18	97	21	33	353	34	57	91	444	54%
5:00 PM	11	13	133	16	118	29	34	354	27	61	88	442	54%
6:00 PM	10	12	147	22	129	36	37	393	37	56	93	486	60%
7:00 PM	8	30	196	30	137	34	38	473	39	60	99	572	70%
8:00 PM	6	32	137	27	139	39	34	414	35	61	96	510	63%
9:00 PM	5	37	113	23	135	33	28	374	50	43	93	467	57%
10:00 PM	8	36	128	24	135	38	40	409	52	41	93	502	62%
11:00 PM	12	37	165	27	135	45	45	466	61	66	127	593	73%
12:00 AM	18	39	161	29	130	47	38	462	51	54	105	567	70%
1:00 AM	10	23	91	15	95	32	19	285	33	24	57	342	42%
2:00 AM	6	14	32	10	38	12	8	120	7	12	19	139	17%
Average Occupancy	11%	61%	46%	54%	73%	71%	84%		36%	61%			
Peak Occupancy	20%	100%	69%	75%	101%	121%	115%		56%	81%			

Saturday 11/1/14

10:00 AM	15	21	101	15	61	37	38	288	44	47	91	379	47%
11:00 AM	12	26	137	24	82	38	38	357	58	55	113	470	58%
12:00 PM	11	28	151	26	104	38	37	395	53	64	117	512	63%
1:00 PM	9	26	158	20	123	37	38	411	61	72	133	544	67%
2:00 PM	10	19	148	31	115	38	38	399	66	67	133	532	65%
3:00 PM	8	15	187	31	119	36	38	434	73	66	139	573	70%
4:00 PM	13	15	193	34	129	37	37	458	76	57	133	591	73%
5:00 PM	14	13	174	32	131	35	38	437	71	62	133	570	70%
6:00 PM	16	20	229	34	125	37	39	500	94	74	168	668	82%
7:00 PM	18	23	272	39	129	38	39	558	92	79	171	729	89%
8:00 PM	45	26	285	38	128	38	38	598	85	82	167	765	94%
9:00 PM	47	23	285	36	122	40	35	588	85	88	173	761	93%
10:00 PM	49	34	280	36	130	40	35	604	88	86	174	778	95%
11:00 PM	52	34	280	24	132	40	35	597	90	90	180	777	95%
12:00 AM	40	28	250	22	125	40	35	540	70	85	155	695	85%
1:00 AM	20	15	200	20	130	35	35	455	58	74	132	587	72%
2:00 AM	6	2	55	4	75	35	32	209	36	52	88	297	36%
Average Occupancy	26%	56%	70%	69%	84%	96%	94%		65%	87%			
Peak Occupancy	59%	87%	101%	98%	96%	103%	100%		87%	111%			

Parking Occupancy - Weekends - West of Woodward

	Off-Street Occupancy								Off-Street	On-Street		West of	Total
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	Zone 1	Zone 2	Woodward	Woodward Totals	
Capacity	88	39	283	40	137	39	39	665	108	81	189	815	

Friday 11/7/14

10:00 AM	12	20	71	18	48	10	30	209	22	40	62	271	33%
11:00 AM	15	24	102	24	51	12	33	261	28	54	82	343	42%
12:00 PM	18	27	107	29	81	22	38	322	37	74	111	433	53%
1:00 PM	17	23	132	30	42	22	39	305	48	65	113	418	51%
2:00 PM	14	20	144	34	74	22	38	346	48	66	114	460	56%
3:00 PM	11	7	152	32	81	21	38	342	42	63	105	447	55%
4:00 PM	12	12	175	29	103	30	35	396	32	57	89	485	60%
5:00 PM	10	14	140	34	127	35	39	399	35	56	91	490	60%
6:00 PM	11	12	158	36	137	35	38	427	39	65	104	531	65%
7:00 PM	21	37	265	36	137	40	38	574	85	76	161	735	90%
8:00 PM	33	40	282	36	137	40	39	607	87	77	164	771	95%
9:00 PM	46	36	250	44	137	38	39	590	83	70	153	743	91%
10:00 PM	42	34	196	41	133	38	39	523	84	76	160	683	84%
11:00 PM	45	39	194	45	129	38	39	529	77	68	145	674	83%
12:00 AM	18	26	159	42	133	38	38	454	57	63	120	574	70%
1:00 AM	12	13	101	27	111	34	35	333	44	53	97	430	53%
2:00 AM	4	7	58	10	60	19	15	173	21	30	51	224	27%
Average Occupancy	23%	59%	56%	80%	74%	75%	92%		47%	76%			
Peak Occupancy	52%	103%	100%	113%	100%	103%	100%		81%	95%			

Saturday 11/8/14

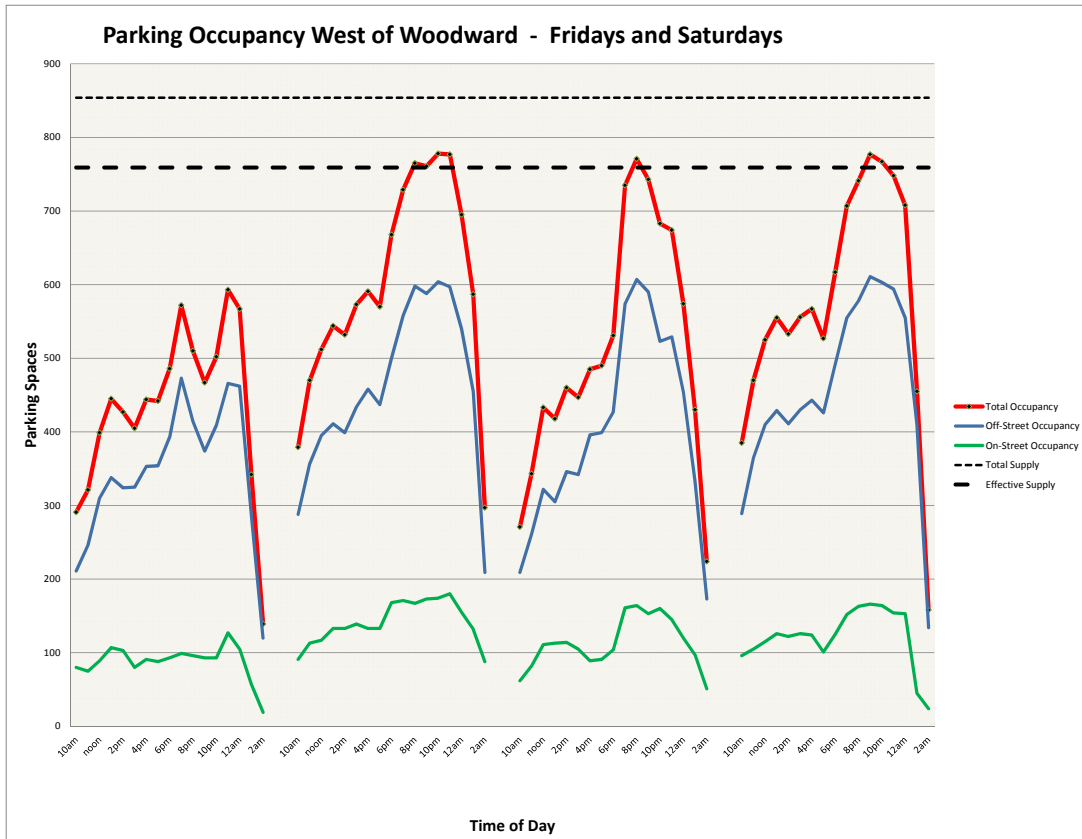
10:00 AM	22	23	106	16	68	38	16	289	44	52	96	385	47%
11:00 AM	23	29	143	27	87	37	19	365	45	60	105	470	58%
12:00 PM	20	28	156	26	114	38	28	410	44	71	115	525	64%
1:00 PM	19	27	161	22	131	37	32	429	49	77	126	555	68%
2:00 PM	17	18	145	34	126	38	33	411	60	62	122	533	65%
3:00 PM	17	16	182	32	122	27	34	430	62	64	126	556	68%
4:00 PM	13	18	182	34	129	35	32	443	64	60	124	567	70%
5:00 PM	7	12	163	33	136	37	38	426	44	57	101	527	65%
6:00 PM	10	26	220	34	127	37	38	492	51	74	125	617	76%
7:00 PM	9	22	274	45	132	38	35	555	77	75	152	707	87%
8:00 PM	18	28	282	42	132	38	38	578	82	81	163	741	91%
9:00 PM	44	39	282	41	137	38	30	611	85	81	166	777	95%
10:00 PM	48	39	280	41	137	38	20	603	81	83	164	767	94%
11:00 PM	46	39	274	41	137	38	19	594	80	74	154	748	92%
12:00 AM	44	39	261	35	128	38	10	555	77	76	153	708	87%
1:00 AM	23	29	184	23	106	38	7	410	27	18	45	455	56%
2:00 AM	6	8	26	8	54	26	6	134	15	9	24	158	19%
Average Occupancy	26%	66%	69%	79%	86%	93%	66%		54%	78%			
Peak Occupancy	55%	100%	100%	113%	100%	97%	97%		79%	102%			

FOUR DAY AVERAGE

Friday - Saturday

	Off-Street Occupancy							Off-Street	On-Street		West of	Total	
	Lot 1	Lot 2	Lot 3	Lot 4	Lot 6	Lot 7	Lot 8	West of Woodward	Zone 1	Zone 2	Woodward		Woodward Totals
Capacity	88	39	283	40	137	39	39	665	108	81	189	815	
10:00 AM	15	22	89	17	55	24	28	249	36	47	82	332	41%
11:00 AM	16	26	121	24	67	25	30	307	42	52	94	401	49%
12:00 PM	16	27	133	26	94	30	35	359	45	63	108	467	57%
1:00 PM	14	25	145	25	96	29	37	371	50	70	120	491	60%
2:00 PM	13	19	146	30	97	30	36	370	54	64	118	488	60%
3:00 PM	12	12	168	29	99	27	37	383	52	60	113	495	61%
4:00 PM	12	14	179	29	115	31	34	413	52	58	109	522	64%
5:00 PM	11	13	153	29	128	34	37	404	44	59	103	507	62%
6:00 PM	12	18	189	32	130	36	38	453	55	67	123	576	71%
7:00 PM	14	28	252	38	134	38	38	540	73	73	146	686	84%
8:00 PM	26	32	247	36	134	39	37	549	72	75	148	697	85%
9:00 PM	36	34	233	36	133	37	33	541	76	71	146	687	84%
10:00 PM	37	36	221	36	134	39	34	535	76	72	148	683	84%
11:00 PM	39	37	228	34	133	40	35	547	77	75	152	698	86%
12:00 AM	30	33	208	32	129	41	30	503	64	70	133	636	78%
1:00 AM	16	20	144	21	111	35	24	371	41	42	83	454	56%
2:00 AM	6	8	43	8	57	23	15	159	20	26	46	205	25%
Average Occupancy	21%	60%	60%	70%	79%	84%	84%	62%	51%	76%	61%	65%	
Peak Occupancy	44%	96%	89%	94%	98%	104%	97%	83%	71%	93%	80%	86%	

Yellow highlighting indicates occupancies 85% or greater



Parking Occupancy - Weekends - East of Woodward

	Off-Street Occupancy					Off-Street	On-Street		On-Street	On-Street		East of Woodward	Total Percent Occupied
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	East of Woodward	Zone 3	Zone 4	East of Woodward	Percent Occupied	Percent Occupied	Totals	
	48	66	97	45	53	309	61	50	111			459	

Friday 10/31/14

10:00 AM	13	27	40	10	8	98	32%	26	21	47	42%	145	32%
11:00 AM	21	30	43	12	10	116	38%	33	18	51	46%	167	36%
12:00 PM	26	36	46	20	13	141	46%	38	25	63	57%	204	44%
1:00 PM	29	47	40	38	14	168	54%	43	32	75	68%	243	53%
2:00 PM	24	39	31	35	13	142	46%	40	32	72	65%	214	47%
3:00 PM	25	42	20	21	12	120	39%	21	19	40	36%	160	35%
4:00 PM	15	33	16	29	12	105	34%	28	22	50	45%	155	34%
5:00 PM	21	45	8	37	14	125	40%	23	23	46	41%	171	37%
6:00 PM	36	53	18	44	21	172	56%	38	19	57	51%	229	50%
7:00 PM	40	62	27	45	25	199	64%	35	18	53	48%	252	55%
8:00 PM	47	61	19	43	12	182	59%	33	18	51	46%	233	51%
9:00 PM	47	64	16	44	10	181	59%	32	43	75	68%	256	56%
10:00 PM	46	66	36	43	13	204	66%	37	50	87	78%	291	63%
11:00 PM	51	65	29	43	49	237	77%	45	47	92	83%	329	72%
12:00 AM	45	55	48	41	52	241	78%	37	46	83	75%	324	71%
1:00 AM	43	48	26	39	38	194	63%	29	28	57	51%	251	55%
2:00 AM	24	21	10	23	25	103	33%	9	16	25	23%	128	28%
Average Occupancy	68%	71%	29%	74%	38%			53%	56%				
Peak Occupancy	106%	100%	49%	100%	98%			74%	100%				

Saturday 11/1/14

10:00 AM	11	40	9	8	3	71	23%	47	21	68	61%	139	30%
11:00 AM	21	44	13	10	13	101	33%	43	30	73	66%	174	38%
12:00 PM	17	53	22	25	13	130	42%	51	32	83	75%	213	46%
1:00 PM	11	54	25	29	15	134	43%	45	23	68	61%	202	44%
2:00 PM	25	51	31	28	6	141	46%	49	30	79	71%	220	48%
3:00 PM	15	44	24	33	6	122	39%	47	17	64	58%	186	41%
4:00 PM	19	34	30	33	5	121	39%	42	26	68	61%	189	41%
5:00 PM	23	29	25	34	7	118	38%	34	27	61	55%	179	39%
6:00 PM	32	50	21	31	10	144	47%	49	21	70	63%	214	47%
7:00 PM	47	61	20	33	26	187	61%	57	31	88	79%	275	60%
8:00 PM	46	63	58	32	32	231	75%	65	27	92	83%	323	70%
9:00 PM	48	67	63	30	44	252	82%	68	35	103	93%	355	77%
10:00 PM	48	68	60	30	44	250	81%	60	40	100	90%	350	76%
11:00 PM	40	65	61	30	42	238	77%	65	30	95	86%	333	73%
12:00 AM	48	55	20	30	35	188	61%	60	30	90	81%	278	61%
1:00 AM	48	30	20	25	30	153	50%	47	22	69	62%	222	48%
2:00 AM	30	15	8	20	22	95	31%	47	13	60	54%	155	34%
Average Occupancy	65%	73%	31%	60%	39%			84%	54%				
Peak Occupancy	100%	103%	65%	76%	83%			111%	80%				

Parking Occupancy - Weekends - East of Woodward

	Off-Street Occupancy					Off-Street	On-Street		On-Street	On-Street		East of Woodward	Total Percent Occupied
	Lot 9	Lot 10	Lot 11	Lot 13	Lot 15	East of Woodward	Zone 3	Zone 4	East of Woodward	Percent Occupied	Percent Occupied	Totals	
	48	66	97	45	53	309	61	50	111			459	

Friday 11/7/14

10:00 AM	12	29	25	9	8	83	27%	23	15	38	34%	121	26%
11:00 AM	21	31	25	12	9	98	32%	26	21	47	42%	145	32%
12:00 PM	27	37	22	22	14	122	39%	43	23	66	59%	188	41%
1:00 PM	28	49	35	42	14	168	54%	37	22	59	53%	227	49%
2:00 PM	25	36	32	38	12	143	46%	34	21	55	50%	198	43%
3:00 PM	24	41	22	22	11	120	39%	29	19	48	43%	168	37%
4:00 PM	14	31	18	31	14	108	35%	27	20	47	42%	155	34%
5:00 PM	20	47	4	41	15	127	41%	42	25	67	60%	194	42%
6:00 PM	37	57	15	44	24	177	57%	44	27	71	64%	248	54%
7:00 PM	38	63	26	46	49	222	72%	51	41	92	83%	314	68%
8:00 PM	47	68	66	45	53	279	90%	61	40	101	91%	380	83%
9:00 PM	47	66	75	47	54	289	94%	62	43	105	95%	394	86%
10:00 PM	47	66	82	47	55	297	96%	61	45	106	95%	403	88%
11:00 PM	47	66	81	46	52	292	94%	64	45	109	98%	401	87%
12:00 AM	46	61	58	37	39	241	78%	58	49	107	96%	348	76%
1:00 AM	40	35	27	41	24	167	54%	50	53	103	93%	270	59%
2:00 AM	26	16	9	24	9	84	27%	27	17	44	40%	128	28%
Average Occupancy	67%	71%	38%	78%	51%			71%	62%				
Peak Occupancy	98%	103%	85%	104%	104%			105%	106%				

Saturday 11/8/14

10:00 AM	17	25	55	5	6	108	35%	25	19	44	40%	152	33%
11:00 AM	18	28	62	6	7	121	39%	25	20	45	41%	166	36%
12:00 PM	23	37	51	18	10	139	45%	33	23	56	50%	195	42%
1:00 PM	25	55	47	46	12	185	60%	43	31	74	67%	259	56%
2:00 PM	22	49	57	15	13	156	50%	35	25	60	54%	216	47%
3:00 PM	21	54	61	17	12	165	53%	30	24	54	49%	219	48%
4:00 PM	14	51	56	16	7	144	47%	30	17	47	42%	191	42%
5:00 PM	18	44	49	25	5	141	46%	28	22	50	45%	191	42%
6:00 PM	24	56	40	35	3	158	51%	40	23	63	57%	221	48%
7:00 PM	14	49	25	44	9	141	46%	45	24	69	62%	210	46%
8:00 PM	25	42	23	47	10	147	48%	37	21	58	52%	205	45%
9:00 PM	17	45	1	44	8	115	37%	17	32	49	44%	164	36%
10:00 PM	14	34	5	46	9	108	35%	17	24	41	37%	149	32%
11:00 PM	8	33	5	22	8	76	25%	16	22	38	34%	114	25%
12:00 AM	16	16	0	17	1	50	16%	15	15	30	27%	80	17%
1:00 AM	9	7	0	16	1	33	11%	14	14	28	25%	61	13%
2:00 AM	2	5	0	15	1	23	7%	6	4	10	9%	33	7%
Average Occupancy	35%	56%	33%	57%	14%			44%	42%				
Peak Occupancy	52%	85%	64%	104%	25%			74%	64%				

FOUR DAY AVERAGE
Friday - Saturday

	Off-Street					Off-Street Percent Occupied	On-Street		On-Street Percent Occupied	On-Street		On-Street Percent Occupied	East of Woodward Totals 420	Total Percent Occupied
	Lot 9 48	Lot 10 66	Lot 11 97	Lot 13 45	Lot 15 53		East of Woodward 309	Zone 3 61		Zone 4 50	East of Woodward 111			
10:00 AM	13	30	32	8	6	90	29%	30	19	49	44%	139	30%	
11:00 AM	20	33	36	10	10	109	35%	32	22	54	49%	163	36%	
12:00 PM	23	41	35	21	13	133	43%	41	26	67	60%	200	44%	
1:00 PM	23	51	37	39	14	164	53%	42	27	69	62%	233	51%	
2:00 PM	24	44	38	29	11	146	47%	40	27	67	60%	212	46%	
3:00 PM	21	45	32	23	10	132	43%	32	20	52	46%	183	40%	
4:00 PM	16	37	30	27	10	120	39%	32	21	53	48%	173	38%	
5:00 PM	21	41	22	34	10	128	41%	32	24	56	50%	184	40%	
6:00 PM	32	54	24	39	15	163	53%	43	23	65	59%	228	50%	
7:00 PM	35	59	25	42	27	187	61%	47	29	76	68%	263	57%	
8:00 PM	41	59	42	42	27	210	68%	49	27	76	68%	285	62%	
9:00 PM	40	61	39	41	29	209	68%	45	38	83	75%	292	64%	
10:00 PM	39	59	46	42	30	215	69%	44	40	84	75%	298	65%	
11:00 PM	37	57	44	35	38	211	68%	48	36	84	75%	294	64%	
12:00 AM	39	47	32	31	32	180	58%	43	35	78	70%	258	56%	
1:00 AM	35	30	18	30	23	137	44%	35	29	64	58%	201	44%	
2:00 AM	21	14	7	21	14	76	25%	22	13	35	31%	111	24%	
Average Occupancy	59%	68%	32%	67%	35%	50%		63%	53%	59%		52%		
Peak Occupancy	86%	92%	47%	93%	71%	69%		80%	80%	75%		71%		

Yellow highlighting indicates occupancies 85% or greater

