



Engineering & Planning, Inc.

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Memorandum

To: Dan Robinson, City of Port St. Lucie Planning & Zoning Department
From: Shaun G. Mackenzie, P.E.
Date: February 18, 2021
Re: Dunkin Donuts Drive-Thru

Introduction

MacKenzie Engineering and Planning, Inc. (MEP) was retained by Martin Donuts, Inc. to analyze the design queue length for the drive-thru at the proposed Dunkin Donuts located at 3095 SW Port St. Lucie Blvd, Port Saint Lucie, FL 34953.

Data Collection

Field observations were performed at a 2,220 SF Dunkin Donut located at 1002 St Lucie West Blvd, Port Saint Lucie, FL 34986. This location offers comparable adjacent street traffic volumes to the proposed location. The data was collected during the following time periods base on discussion with Dunkin Donuts' staff:

- Weekday AM Peak Hour Count, Wednesday February 4, 2015 – 7:30 AM to 10:30 AM
- Weekday PM Peak Hour Count, Thursday February 5, 2015 – 3:30 PM to 5:30 PM
- Weekend AM Peak Hour Count, Sunday February 8, 2015 – 8:30 AM to 10:30 AM

Queuing data was collected and recorded in 1 minute intervals by MacKenzie Engineering and Planning, Inc. for the morning and evening hours during the weekday and weekend timeframes. Exhibit 1 presents the detailed queuing data collected in 1 minute intervals for each of the study timeframes. The vehicle queue length was measured from the menu (ordering) board to the last vehicle in the queue.

Confidence Interval

The analysis presented herein uses the count data provided, classifies the busiest 60 minutes of observations and develops the average maximum back of queue based on the busiest 60 minutes.

Queue Analysis

The average maximum back-of-queue was obtained from each time period and the average maximum back-of-queue from the highest observed queue was chosen as the overall average maximum back-of-queue in order to provide a conservative analysis. Based on the data collected, the projected average maximum back-of-queue length is conservatively 6.15 vehicles. The existing Dunkin' Donuts is 2,220 SF and the proposed Dunkin Donuts is 711 SF (Site Plan provided by Martin Donuts, LLC.). The proposed Dunkin Donuts site is 68 percent smaller and therefore the queue length estimate is expected to be 68 percent

smaller. The queue length is two (2) vehicles and based on based on the 22-foot queue length per vehicle estimated by MacKenzie Engineering and Planning, Inc. and recommended in FDOT’s *Site Impact Handbook*, the projected queue length is 44 feet.

Table 1 – Summary of Queue Results

Day of Week	Count Timeframe	Average Maximum Queue
Wednesday	7:30 AM to 10:30 AM	6.15 vehicles
Thursday	3:30 PM to 5:30 PM	2.82 vehicles
Sunday	8:30 AM to 10:30 AM	4.10 vehicles

Table 2. Recommended Dunkin’ Donuts Drive-Through Queue Storage

Scenario	Dunkin' Donuts Size (SF)	Queue
Existing	2,220	6.15 vehicles
Projected	711	1.97 vehicles

Average Maximum Back of Queue to Utilize = 2 vehicles (44 feet)

Conclusion

Based on the analysis provided, the proposed drive thru lane from the menu board/ordering window to back of queue should be designed at a minimum of 44 feet.

Shaun G. MacKenzie, P.E.

P.E. Number 61751

DUNKIN' DONUTS QUEUE LENGTH COUNTS FROM THE MENU (ORDERING BOARD)

2/4/2015

2/5/2015

2/8/2015

Starting at the
Menu Board

Starting at the
Menu Board

Starting at the
Menu Board

1	8:25 AM	8
2	8:29 AM	8
3	8:38 AM	8
4	8:21 AM	7
5	8:23 AM	7
6	8:26 AM	7
7	8:30 AM	7
8	8:31 AM	7
9	8:35 AM	7
10	8:37 AM	7
11	8:39 AM	7
12	8:41 AM	7
13	8:42 AM	7
14	8:49 AM	7
15	8:58 AM	7
16	8:59 AM	7
17	9:12 AM	7
18	9:13 AM	7
19	8:00 AM	6
20	8:01 AM	6
21	8:06 AM	6
22	8:10 AM	6
23	8:12 AM	6
24	8:13 AM	6
25	8:14 AM	6
26	8:15 AM	6
27	8:20 AM	6
28	8:22 AM	6
29	8:24 AM	6
30	8:27 AM	6
31	8:32 AM	6
32	8:33 AM	6
33	8:36 AM	6
34	8:40 AM	6
35	8:43 AM	6
36	8:45 AM	6
37	8:46 AM	6
38	8:50 AM	6
39	8:51 AM	6
40	8:55 AM	6
41	8:56 AM	6
42	8:57 AM	6
43	9:00 AM	6
44	9:02 AM	6
45	9:03 AM	6
46	9:15 AM	6
47	9:18 AM	6
48	9:19 AM	6
49	7:34 AM	5

3:37 PM	5
3:57 PM	5
4:52 PM	5
5:13 PM	5
5:14 PM	5
5:16 PM	5
3:58 PM	4
4:00 PM	4
5:12 PM	4
5:15 PM	4
5:17 PM	4
3:36 PM	3
3:49 PM	3
3:51 PM	3
3:52 PM	3
3:54 PM	3
3:55 PM	3
3:56 PM	3
3:59 PM	3
4:01 PM	3
4:15 PM	3
4:29 PM	3
4:31 PM	3
4:33 PM	3
4:34 PM	3
4:35 PM	3
4:36 PM	3
4:56 PM	3
5:06 PM	3
5:07 PM	3
5:11 PM	3
5:18 PM	3
5:19 PM	3
5:20 PM	3
3:38 PM	2
3:53 PM	2
4:02 PM	2
4:03 PM	2
4:16 PM	2
4:21 PM	2
4:32 PM	2
4:37 PM	2
4:39 PM	2
4:40 PM	2
4:42 PM	2
4:53 PM	2
4:54 PM	2
4:57 PM	2
4:58 PM	2

8:34 AM	7
8:35 AM	7
8:54 AM	7
8:33 AM	6
8:36 AM	6
8:49 AM	6
8:50 AM	6
8:53 AM	6
8:37 AM	5
8:47 AM	5
8:48 AM	5
8:51 AM	5
8:52 AM	5
8:56 AM	5
9:17 AM	5
9:20 AM	5
9:25 AM	5
10:17 AM	5
10:28 AM	5
10:29 AM	5
8:30 AM	4
8:45 AM	4
8:46 AM	4
8:55 AM	4
9:18 AM	4
9:19 AM	4
9:21 AM	4
9:22 AM	4
9:23 AM	4
9:26 AM	4
9:50 AM	4
10:13 AM	4
10:15 AM	4
10:16 AM	4
10:18 AM	4
10:19 AM	4
10:21 AM	4
10:22 AM	4
10:24 AM	4
10:27 AM	4
8:31 AM	3
8:32 AM	3
8:38 AM	3
8:59 AM	3
9:24 AM	3
9:27 AM	3
9:42 AM	3
9:49 AM	3
10:06 AM	3

2/4/2015
Starting at the
Menu Board

50	7:36 AM	5
51	7:57 AM	5
52	7:58 AM	5
53	7:59 AM	5
54	8:03 AM	5
55	8:07 AM	5
56	8:08 AM	5
57	8:09 AM	5
58	8:11 AM	5
59	8:16 AM	5
60	8:17 AM	5
61	8:18 AM	5
62	8:19 AM	5
63	8:28 AM	5
64	8:34 AM	5
65	8:44 AM	5
66	8:47 AM	5
67	8:48 AM	5
68	8:52 AM	5
69	8:54 AM	5
70	9:01 AM	5
71	9:04 AM	5
72	9:05 AM	5
73	9:08 AM	5
74	9:09 AM	5
75	9:10 AM	5
76	9:14 AM	5
77	9:16 AM	5
78	9:17 AM	5
79	9:20 AM	5
80	9:42 AM	5
81	9:44 AM	5
82	9:45 AM	5
83	9:46 AM	5
84	9:47 AM	5
85	9:49 AM	5
86	9:50 AM	5
87	9:51 AM	5
88	9:54 AM	5
89	9:55 AM	5
90	9:56 AM	5
91	10:11 AM	5
92	10:12 AM	5
93	10:14 AM	5
94	10:17 AM	5
95	7:35 AM	4
96	7:56 AM	4
97	8:02 AM	4
98	8:04 AM	4
99	8:05 AM	4

2/5/2015
Starting at the
Menu Board

5:04 PM	2
5:05 PM	2
5:08 PM	2
5:09 PM	2
5:10 PM	2
5:21 PM	2
5:22 PM	2
5:25 PM	2
5:27 PM	2
3:33 PM	1
3:34 PM	1
3:35 PM	1
3:39 PM	1
3:40 PM	1
3:41 PM	1
3:42 PM	1
3:44 PM	1
3:47 PM	1
3:50 PM	1
4:04 PM	1
4:05 PM	1
4:08 PM	1
4:10 PM	1
4:13 PM	1
4:17 PM	1
4:18 PM	1
4:19 PM	1
4:20 PM	1
4:22 PM	1
4:24 PM	1
4:30 PM	1
4:38 PM	1
4:41 PM	1
4:45 PM	1
4:46 PM	1
4:47 PM	1
4:51 PM	1
4:55 PM	1
4:59 PM	1
5:00 PM	1
5:01 PM	1
5:02 PM	1
5:03 PM	1
5:23 PM	1
5:24 PM	1
5:26 PM	1
5:28 PM	1
5:29 PM	1
3:30 PM	0
3:31 PM	0

2/8/2015
Starting at the
Menu Board

10:07 AM	3
10:09 AM	3
10:14 AM	3
10:20 AM	3
10:25 AM	3
10:26 AM	3
8:39 AM	2
8:42 AM	2
8:43 AM	2
8:44 AM	2
8:57 AM	2
8:58 AM	2
9:00 AM	2
9:05 AM	2
9:16 AM	2
9:28 AM	2
9:29 AM	2
9:37 AM	2
9:38 AM	2
9:43 AM	2
9:44 AM	2
9:45 AM	2
9:47 AM	2
9:48 AM	2
9:51 AM	2
9:56 AM	2
9:57 AM	2
10:01 AM	2
10:02 AM	2
10:04 AM	2
10:11 AM	2
10:12 AM	2
10:23 AM	2
8:40 AM	1
9:01 AM	1
9:02 AM	1
9:03 AM	1
9:04 AM	1
9:06 AM	1
9:07 AM	1
9:10 AM	1
9:13 AM	1
9:15 AM	1
9:30 AM	1
9:31 AM	1
9:33 AM	1
9:34 AM	1
9:35 AM	1
9:36 AM	1
9:39 AM	1

2/4/2015
Starting at the
Menu Board

100	8:53 AM	4
101	9:06 AM	4
102	9:07 AM	4
103	9:11 AM	4
104	9:37 AM	4
105	9:41 AM	4
106	9:43 AM	4
107	9:48 AM	4
108	9:52 AM	4
109	9:53 AM	4
110	9:57 AM	4
111	9:58 AM	4
112	10:09 AM	4
113	10:10 AM	4
114	10:13 AM	4
115	10:15 AM	4
116	10:16 AM	4
117	10:18 AM	4
118	7:37 AM	3
119	7:52 AM	3
120	7:55 AM	3
	9:21 AM	3
	9:22 AM	3
	9:38 AM	3
	9:59 AM	3
	10:08 AM	3
	10:19 AM	3
	10:20 AM	3
	7:38 AM	2
	7:39 AM	2
	7:43 AM	2
	7:45 AM	2
	9:23 AM	2
	9:39 AM	2
	10:00 AM	2
	10:01 AM	2
	10:04 AM	2
	10:06 AM	2
	10:07 AM	2
	10:22 AM	2
	7:40 AM	1
	7:41 AM	1
	7:42 AM	1
	7:44 AM	1
	7:46 AM	1
	7:48 AM	1
	7:50 AM	1
	7:53 AM	1
	9:24 AM	1
	9:25 AM	1

2/5/2015
Starting at the
Menu Board

3:32 PM	0
3:43 PM	0
3:45 PM	0
3:46 PM	0
3:48 PM	0
4:06 PM	0
4:07 PM	0
4:09 PM	0
4:11 PM	0
4:12 PM	0
4:14 PM	0
4:23 PM	0
4:25 PM	0
4:26 PM	0
4:27 PM	0
4:28 PM	0
4:43 PM	0
4:44 PM	0
4:48 PM	0
4:49 PM	0
4:50 PM	0

2/8/2015
Starting at the
Menu Board

9:41 AM	1
9:46 AM	1
9:52 AM	1
9:58 AM	1
9:59 AM	1
10:03 AM	1
10:05 AM	1
10:08 AM	1
10:10 AM	1
8:41 AM	0
9:08 AM	0
9:09 AM	0
9:11 AM	0
9:12 AM	0
9:14 AM	0
9:32 AM	0
9:40 AM	0
9:53 AM	0
9:54 AM	0
9:55 AM	0
10:00 AM	0

Average Maximum Back of Queue

Peak 60 mins	2.82	4.10
Peak Hour	2.07	2.80
Observation Period	1.72	2.63

2/4/2015
Starting at the
Menu Board

9:26 AM	1
9:30 AM	1
9:31 AM	1
9:32 AM	1
9:33 AM	1
9:40 AM	1
10:02 AM	1
10:03 AM	1
10:05 AM	1
10:21 AM	1
10:23 AM	1
10:26 AM	1
7:30 AM	0
7:31 AM	0
7:32 AM	0
7:33 AM	0
7:47 AM	0
7:49 AM	0
7:51 AM	0
7:54 AM	0
9:27 AM	0
9:28 AM	0
9:29 AM	0
9:34 AM	0
9:35 AM	0
9:36 AM	0
10:24 AM	0
10:25 AM	0
10:27 AM	0
10:28 AM	0
10:29 AM	0

2/5/2015
Starting at the
Menu Board

2/8/2015
Starting at the
Menu Board

Average Maximum Back of
Queue

Peak 60 mins	6.15
Peak Hour	5.98
Observation Period	3.93

2/4/2015

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
7:30 AM	0	3
7:31 AM	0	1
7:32 AM	0	0
7:33 AM	0	1
7:34 AM	5	1
7:35 AM	4	3
7:36 AM	5	3
7:37 AM	3	3
7:38 AM	2	2
7:39 AM	2	3
7:40 AM	1	2
7:41 AM	1	2
7:42 AM	1	2
7:43 AM	2	2
7:44 AM	1	2
7:45 AM	2	2
7:46 AM	1	2
7:47 AM	0	1
7:48 AM	1	1
7:49 AM	0	1
7:50 AM	1	1
7:51 AM	0	2
7:52 AM	3	1
7:53 AM	1	2
7:54 AM	0	2
7:55 AM	3	1
7:56 AM	4	3
7:57 AM	5	2
7:58 AM	5	3
7:59 AM	5	2

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
8:00 AM	6	3
8:01 AM	6	2
8:02 AM	4	3
8:03 AM	5	2
8:04 AM	4	2
8:05 AM	4	2
8:06 AM	6	3
8:07 AM	5	3
8:08 AM	5	3
8:09 AM	5	2
8:10 AM	6	2
8:11 AM	5	3
8:12 AM	6	1
8:13 AM	6	3
8:14 AM	6	3
8:15 AM	6	2
8:16 AM	5	3
8:17 AM	5	2
8:18 AM	5	3
8:19 AM	5	3
8:20 AM	6	3
8:21 AM	7	2
8:22 AM	6	2
8:23 AM	7	3
8:24 AM	6	3
8:25 AM	8	3
8:26 AM	7	3
8:27 AM	6	3
8:28 AM	5	3
8:29 AM	8	3

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
8:30 AM	7	3
8:31 AM	7	3
8:32 AM	6	2
8:33 AM	6	2
8:34 AM	5	3
8:35 AM	7	2
8:36 AM	6	2
8:37 AM	7	2
8:38 AM	8	2
8:39 AM	7	2
8:40 AM	6	2
8:41 AM	7	3
8:42 AM	7	3
8:43 AM	6	2
8:44 AM	5	3
8:45 AM	6	2
8:46 AM	6	2
8:47 AM	5	3
8:48 AM	5	2
8:49 AM	7	2
8:50 AM	6	3
8:51 AM	6	3
8:52 AM	5	3
8:53 AM	4	2
8:54 AM	5	2
8:55 AM	6	2
8:56 AM	6	2
8:57 AM	6	2
8:58 AM	7	2
8:59 AM	7	3

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
9:00 AM	6	2
9:01 AM	5	2
9:02 AM	6	2
9:03 AM	6	2
9:04 AM	5	3
9:05 AM	5	2
9:06 AM	4	3
9:07 AM	4	2
9:08 AM	5	2
9:09 AM	5	2
9:10 AM	5	2
9:11 AM	4	2
9:12 AM	7	2
9:13 AM	7	2
9:14 AM	5	3
9:15 AM	6	3
9:16 AM	5	3
9:17 AM	5	2
9:18 AM	6	2
9:19 AM	6	2
9:20 AM	5	3
9:21 AM	3	3
9:22 AM	3	2
9:23 AM	2	2
9:24 AM	1	3
9:25 AM	1	2
9:26 AM	1	2
9:27 AM	0	2
9:28 AM	0	1
9:29 AM	0	1

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
9:30 AM	1	2
9:31 AM	1	2
9:32 AM	1	2
9:33 AM	1	2
9:34 AM	0	2
9:35 AM	0	1
9:36 AM	0	1
9:37 AM	4	0
9:38 AM	3	1
9:39 AM	2	2
9:40 AM	1	2
9:41 AM	4	2
9:42 AM	5	2
9:43 AM	4	2
9:44 AM	5	1
9:45 AM	5	2
9:46 AM	5	2
9:47 AM	5	2
9:48 AM	4	3
9:49 AM	5	3
9:50 AM	5	2
9:51 AM	5	2
9:52 AM	4	3
9:53 AM	4	2
9:54 AM	5	2
9:55 AM	5	2
9:56 AM	5	1
9:57 AM	4	2
9:58 AM	4	2
9:59 AM	3	2

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
10:00 AM	2	2
10:01 AM	2	2
10:02 AM	1	2
10:03 AM	1	1
10:04 AM	2	2
10:05 AM	1	2
10:06 AM	2	2
10:07 AM	2	2
10:08 AM	3	1
10:09 AM	4	1
10:10 AM	4	2
10:11 AM	5	2
10:12 AM	5	1
10:13 AM	4	2
10:14 AM	5	2
10:15 AM	4	2
10:16 AM	4	2
10:17 AM	5	1
10:18 AM	4	2
10:19 AM	3	2
10:20 AM	3	1
10:21 AM	1	1
10:22 AM	2	2
10:23 AM	1	1
10:24 AM	0	2
10:25 AM	0	1
10:26 AM	1	0
10:27 AM	0	1
10:28 AM	0	0
10:29 AM	0	1

2/5/2015

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
3:30 PM	0	1
3:31 PM	0	0
3:32 PM	0	0
3:33 PM	1	1
3:34 PM	1	1
3:35 PM	1	2
3:36 PM	3	3
3:37 PM	5	2
3:38 PM	2	2
3:39 PM	1	2
3:40 PM	1	1
3:41 PM	1	2
3:42 PM	1	1
3:43 PM	0	1
3:44 PM	1	1
3:45 PM	0	1
3:46 PM	0	0
3:47 PM	1	0
3:48 PM	0	1
3:49 PM	3	1
3:50 PM	1	2
3:51 PM	3	2
3:52 PM	3	2
3:53 PM	2	3
3:54 PM	3	3
3:55 PM	3	3
3:56 PM	3	2
3:57 PM	5	2
3:58 PM	4	2
3:59 PM	3	3

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
4:00 PM	4	2
4:01 PM	3	3
4:02 PM	2	2
4:03 PM	2	2
4:04 PM	1	3
4:05 PM	1	2
4:06 PM	0	2
4:07 PM	0	1
4:08 PM	1	0
4:09 PM	0	1
4:10 PM	1	1
4:11 PM	0	0
4:12 PM	0	0
4:13 PM	1	0
4:14 PM	0	1
4:15 PM	3	0
4:16 PM	2	2
4:17 PM	1	3
4:18 PM	1	3
4:19 PM	1	2
4:20 PM	1	2
4:21 PM	2	2
4:22 PM	1	2
4:23 PM	0	2
4:24 PM	1	1
4:25 PM	0	1
4:26 PM	0	0
4:27 PM	0	0
4:28 PM	0	0
4:29 PM	3	0

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
4:30 PM	1	2
4:31 PM	3	1
4:32 PM	2	2
4:33 PM	3	2
4:34 PM	3	1
4:35 PM	3	2
4:36 PM	3	2
4:37 PM	2	2
4:38 PM	1	3
4:39 PM	2	3
4:40 PM	2	3
4:41 PM	1	3
4:42 PM	2	2
4:43 PM	0	2
4:44 PM	0	1
4:45 PM	1	1
4:46 PM	1	0
4:47 PM	1	1
4:48 PM	0	2
4:49 PM	0	1
4:50 PM	0	0
4:51 PM	1	0
4:52 PM	5	1
4:53 PM	2	2
4:54 PM	2	2
4:55 PM	1	3
4:56 PM	3	2
4:57 PM	2	1
4:58 PM	2	1
4:59 PM	1	2

	Maximum Number of Vehicles Waiting	
	Starting at the Menu Board	Cashier/ Pickup Window
5:00 PM	1	2
5:01 PM	1	2
5:02 PM	1	1
5:03 PM	1	1
5:04 PM	2	1
5:05 PM	2	2
5:06 PM	3	2
5:07 PM	3	2
5:08 PM	2	2
5:09 PM	2	2
5:10 PM	2	3
5:11 PM	3	3
5:12 PM	4	2
5:13 PM	5	2
5:14 PM	5	2
5:15 PM	4	2
5:16 PM	5	2
5:17 PM	4	2
5:18 PM	3	3
5:19 PM	3	2
5:20 PM	3	2
5:21 PM	2	2
5:22 PM	2	1
5:23 PM	1	1
5:24 PM	1	1
5:25 PM	2	1
5:26 PM	1	1
5:27 PM	2	1
5:28 PM	1	1
5:29 PM	1	2

2/8/2015

Maximum Number of Vehicles Waiting
Starting at the Menu Board Cashier/ Pickup Window

8:30 AM	4	1
8:31 AM	3	2
8:32 AM	3	2
8:33 AM	6	2
8:34 AM	7	2
8:35 AM	7	2
8:36 AM	6	2
8:37 AM	5	2
8:38 AM	3	3
8:39 AM	2	2
8:40 AM	1	2
8:41 AM	0	2
8:42 AM	2	2
8:43 AM	2	2
8:44 AM	2	1
8:45 AM	4	2
8:46 AM	4	2
8:47 AM	5	2
8:48 AM	5	2
8:49 AM	6	3
8:50 AM	6	2
8:51 AM	5	2
8:52 AM	5	2
8:53 AM	6	2
8:54 AM	7	2
8:55 AM	4	2
8:56 AM	5	2
8:57 AM	2	2
8:58 AM	2	2
8:59 AM	3	2

Maximum Number of Vehicles Waiting
Starting at the Menu Board Cashier/ Pickup Window

9:00 AM	2	2
9:01 AM	1	2
9:02 AM	1	1
9:03 AM	1	1
9:04 AM	1	2
9:05 AM	2	2
9:06 AM	1	2
9:07 AM	1	2
9:08 AM	0	2
9:09 AM	0	1
9:10 AM	1	1
9:11 AM	0	0
9:12 AM	0	1
9:13 AM	1	1
9:14 AM	0	2
9:15 AM	1	1
9:16 AM	2	1
9:17 AM	5	1
9:18 AM	4	3
9:19 AM	4	2
9:20 AM	5	2
9:21 AM	4	2
9:22 AM	4	2
9:23 AM	4	2
9:24 AM	3	1
9:25 AM	5	2
9:26 AM	4	2
9:27 AM	3	2
9:28 AM	2	2
9:29 AM	2	3

Maximum Number of Vehicles Waiting
Starting at the Menu Board Cashier/ Pickup Window

9:30 AM	1	2
9:31 AM	1	2
9:32 AM	0	2
9:33 AM	1	2
9:34 AM	1	2
9:35 AM	1	1
9:36 AM	1	2
9:37 AM	2	1
9:38 AM	2	2
9:39 AM	1	1
9:40 AM	0	2
9:41 AM	1	1
9:42 AM	3	2
9:43 AM	2	3
9:44 AM	2	3
9:45 AM	2	3
9:46 AM	1	3
9:47 AM	2	2
9:48 AM	2	3
9:49 AM	3	3
9:50 AM	4	2
9:51 AM	2	2
9:52 AM	1	2
9:53 AM	0	2
9:54 AM	0	1
9:55 AM	0	0
9:56 AM	2	1
9:57 AM	2	1
9:58 AM	1	2
9:59 AM	1	1

Maximum Number of Vehicles Waiting
Starting at the Menu Board Cashier/ Pickup Window

10:00 AM	0	2
10:01 AM	2	2
10:02 AM	2	1
10:03 AM	1	2
10:04 AM	2	2
10:05 AM	1	3
10:06 AM	3	2
10:07 AM	3	2
10:08 AM	1	3
10:09 AM	3	3
10:10 AM	1	3
10:11 AM	2	2
10:12 AM	2	2
10:13 AM	4	2
10:14 AM	3	3
10:15 AM	4	3
10:16 AM	4	3
10:17 AM	5	3
10:18 AM	4	2
10:19 AM	4	2
10:20 AM	3	3
10:21 AM	4	3
10:22 AM	4	2
10:23 AM	2	3
10:24 AM	4	3
10:25 AM	3	3
10:26 AM	3	3
10:27 AM	4	2
10:28 AM	5	3
10:29 AM	5	3