

July 17, 2023

Parag Patel
Lala Cream Corporation
4858 Valley Circle Avenue
Yorba Linda, CA 92886

LLG Reference: 2.23.4660.1

Subject: **Revised Traffic Circulation and Drive-Through Queuing
Assessment for the Proposed Dunkin Donuts**
La Habra, California

Dear Mr. Patel:

As requested, Linscott, Law & Greenspan, Engineers (LLG) is pleased to submit this Revised Traffic Circulation and Drive-Through Queuing Assessment for the proposed Dunkin Donuts Multi-Tenant Building to be located within on the northwest corner of Imperial Highway and Village Drive in the City of La Habra, California. The Project site is a part of the *701 E. Imperial Highway Mixed Use Development Project* that was approved by the City in December 2018¹. It is our understanding that Dunkin Donuts proposes modifying the previously approved Project site plan to include a retail portion. Pursuant to our discussions, this study is required by the City of La Habra as part of the approval process for the proposed Project site plan modifications. This assessment has been updated to address comments provided by City staff dated July 12, 2023.

This study includes a traffic circulation along with a queuing assessment for the proposed drive-through as it relates to the changes to the site plan. Our method of analysis, findings and recommendations are described in detail in the following sections of this report. *Appendix A* presents the approved scope of work developed in collaboration with City of La Habra staff.

PROJECT LOCATION AND DESCRIPTION

As mentioned above, Dunkin Donuts is proposing site modification that are different from what was approved as part of the *701 E. Imperial Highway Mixed Use*

¹ The Project's traffic impacts were evaluated in the *Revised Traffic Impact Analysis Addendum for the 701 E. Imperial Highway Mixed Use Development Project, dated January 31, 2018*.

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Keil D. Maberry, PE

Development Project that was approved by the City in December 2018. The proposed Project includes the construction of a 3,875 square-foot (SF) building with two (2) tenant spaces which would include a 2,000± SF of retail shop space and an 1,875± SF donut shop with drive-through queuing storage to accommodate 12 vehicles. On-site parking will total 23 spaces. **Figure 1** presents a Vicinity Map that illustrates the general location of the Project and surrounding street system. **Figure 2** presents an existing site aerial.

The Project will be constructed in place of a previously entitled 2,730 SF fast-food with drive-through intended to be occupied by Popeye’s at the time of approval. The following table summarizes the development totals associated with the 701 E. Imperial Highway Mixed Use Development.

**701 E. IMPERIAL HIGHWAY MIXED-USED PROJECT DEVELOPMENT SUMMARY
 APPROVED PROJECT VS. PROPOSED PROJECT**

Parcel / Land Use Description	Approved Project Development Total	Modified Project Total Development Floor Area
1) La Quinta Inn	50,744 SF with 91 rooms	50,744 SF with 91 rooms
2) Fast-Food with Drive-Through	2,730 SF (Popeye’s)	--
Proposed Dunkin Donuts (Retail / Fast-Food)	--	3,875 SF
3) Fast-Food with Drive-Through	2,166 SF (Taco Bell)	2,166 SF (Taco Bell)
4) Retail/Office ²	4,800 SF	--
Proposed Hallmark ²	--	4,800 SF
Total	60,440 SF	61,585 SF

Access to the subject property will continue to be provided via the existing traffic signal on Imperial Highway at Village Drive and an existing right-turn only driveway on Imperial Highway. **Figure 3** presents the approved site plan that was included as part of the 701 E. Imperial Highway Mixed Use Development Project dated December 2018. **Figure 4** presents the proposed site plan. **Figure 4** also displays the proposed queuing storage of 12 vehicles.

² Although retail./office uses are permitted, medical office use was assumed in the *Revised Traffic Impact Analysis Addendum for the 701 E. Imperial Highway Mixed Use Development Project, dated January 31, 2018*, to provide flexibility in future tenancy options. The project now planned is a Hallmark retail store.

DRIVE-THRU LANE STACKING EVALUATION

Based on the requirements of City staff, existing Dunkin Donuts queuing data was used to determine the drive-through stacking requirements. Queuing observations were collected between 7AM to 9AM on Thursday, April 6, 2023 and Saturday, April 8, 2023 at the following three locations, which are approximately the same size and in similar mixed-use settings as the proposed Project.

- 1302 E 17th St., Santa Ana, CA 92705
- 4858 Valley View Ave., Yorba Linda, CA 92886
- 17771 Santiago Blvd., Villa Park, CA 92861

The vehicular queues observed at the three sites were recorded at one-minute intervals between; 1) the drive-through entrance and the order board; and 2) the order board and the pick-up window. The results of the survey are included in *Appendix B* along with the existing aerial map for each location. It should be noted that *Appendix A* includes detailed information about the three studied sites along with justification for the peak hours studied.

Table 1 summarizes the Queue Frequency that was observed at the three existing Dunkin Donuts for weekday and weekend peak periods of 7AM to 9AM. Our evaluation of this data indicates that on average a queue of two (2) vehicles in the drive-through lane can be expected during the morning and afternoon peak period with a maximum queue of approximately nine (9) vehicles can be expected during the morning and afternoon peak period. Please note that the maximum queue occurred for a total of three minutes during the AM peak hour. The queue is anticipated to fluctuate between two (2) to five (5) vehicles for the remaining AM peak hour.

The results of our queuing study indicate that the distance between the proposed entry of the drive-through lane and the Cashier/Product Delivery Booth (window) of the Dunkin Donuts is of sufficient length and can accommodate the peak stacking requirements of proposed Dunkin Donuts. *Figure 5* illustrates the drive-through lane storage capacity and queues.

As shown in *Figure 5*, the drive-through lane for the proposed Project has a storage capacity of twelve (12) vehicles without encroaching into the drive aisle. As such, the drive-through lane is expected to fully accommodate the projected Project queue length of nine (9) vehicles, with an excess storage capacity to accommodate an additional three (3) vehicles based on the maximum queue. Therefore, the expected

queues can be accommodated without interfering with internal circulation or causing congestion in the drive aisle.

PROJECT TRAFFIC GENERATION FORECAST

Traffic generation is expressed in vehicle trip ends, defined as one-way vehicular movements, either entering or exiting the generating land use. Generation factors and/or equations used in this traffic analysis are based on information found in the 11th Edition of *Trip Generation*, published by the Institute of Transportation Engineers (ITE) [Washington, D.C., 2021].

Table 2 presents the ITE rates used in forecasting the vehicular trips. As shown in the upper portion of **Table 2**, the trip generation potential of the Entitled Land Use was forecast using ITE Land Use Code 934: Fast-Food Restaurant with Drive-Through Window trip rates. Based on review of the Project description, ITE Land Use Code 822: Strip Retail Plaza less than 40k Square Feet and ITE Land Use Code 937: Coffee/Donut Shop with Drive-Through Window trip rates were used for the proposed Project.

- ITE Land Use Code 822: Strip Retail Plaza less than 40k Square Feet
- ITE Land Use Code 934: Fast-Food Restaurant with Drive-Through Window
- ITE Land Use Code 937: Coffee/Donut Shop with Drive-Through Window

A review of the middle half of **Table 2** shows that the trips generated by the Entitled Land Use for the site totals 957 daily trips, with 61 trips (31 inbound, 30 outbound) during the AM peak hour and 40 trips (21 inbound, 19 outbound) during the PM peak hour. It should be noted that the entitled land use, Popeye's, does not open until 10AM, however, the trips rates assumed during the entitlement process conservatively evaluated the AM peak hour trips. As such, the trips identified above are consistent with the approach from the prior approval.

As shown in the lower half of **Table 2**, the trip generation forecast for the proposed Project totals 848 daily trips, with 84 trips (44 inbound, 40 outbound) during the AM peak hour and 63 trips (32 inbound, 31 outbound) during the PM peak hour.

The last row of **Table 2** shows the net trip generation potential for the proposed Project totals 109 fewer daily trips, with 23 more trips (13 inbound, 10 outbound) during the AM peak hour and 23 more trips (11 inbound, 12 outbound) during the PM peak hour.

The general, directional traffic distribution pattern for the proposed Project is graphically presented in **Figure 6**. The anticipated AM and PM peak hour Project only traffic volumes are presented in **Figure 7**. Review of **Figure 7** shows that the project would add nominal trips at the project driveways. As such, service levels at the project driveways and near-by intersections are anticipated to be adequate.

Based on review of the *City of La Habra Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment dated August 2021*, the City requires a traffic study be prepared to for a project “when the PM peak hour trip generation is expected to exceed 40 vehicle trips from the proposed development”. As such, since the proposed Project would result in less than 40 additional trips when compared to the Entitled Land Use, it is concluded that no further analysis would be necessary.

VMT SCREENING ASSESSMENT

The purpose of this Vehicle Miles Traveled (VMT) analysis is to evaluate the Project based on Senate Bill 743 (SB 743) requirements consistent with the *Technical Advisory on Evaluating Transportation Impacts In California Environmental Quality Act (CEQA)*, December 2018, prepared by the State of California Governor’s Office of Planning and Research (OPR). The OPR Technical Advisory provides project screening criteria and guidance for analysis of VMT assessments under SB 743. With the adopted guidelines, transportation impacts are to be evaluated based on a project’s effect on vehicle miles traveled which took effect July 1, 2020, as required in CEQA section 15064.3

As mentioned previously, the *City of La Habra Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment dated August 2021* were used in this assessment. Based on the City’s guidelines, local serving retail projects less than 50,000 square feet may be presumed to have a less than significant impact absent substantial evidence to the contrary. Local serving retail generally improves the convenience of shopping close to home and has the effect of reducing vehicle travel. Therefore, the project will screen out from a full VMT analysis. As such, we conclude the potential VMT impacts of the Project would be insignificant.

CONCLUSIONS

For the weekday peak periods a maximum queue of approximately nine (9) vehicles can be expected in the drive-through lane. The drive-through lane provides storage for approximately twelve (12) vehicles without encroaching into the drive aisle. Therefore, the expected queues can be accommodated without interfering with internal circulation or causing congestion on the main drive aisle.

Given the implementation of the proposed Project results in an addition of less than 40 PM peak hour trips when compared to the Entitled Land Use, it is concluded that the Project would not require a traffic study based on the *City of La Habra Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment dated August 2021*. Further, it is assumed that its implementation will not result in any significant CEQA related transportation impacts. As such, we conclude the potential impacts of the Project would be insignificant and that no additional analysis would be required. Further yet, the findings, conclusions and recommendations of the *Revised Traffic Impact Analysis Addendum for the 701 E. Imperial Highway Mixed Use Development Project, dated January 31, 2018* would remain valid.

* * * * *

We appreciate the opportunity to prepare this analysis. Should you have any questions regarding this analysis, please call us at (949) 825-6175.

Sincerely,

Linscott, Law & Greenspan, Engineers

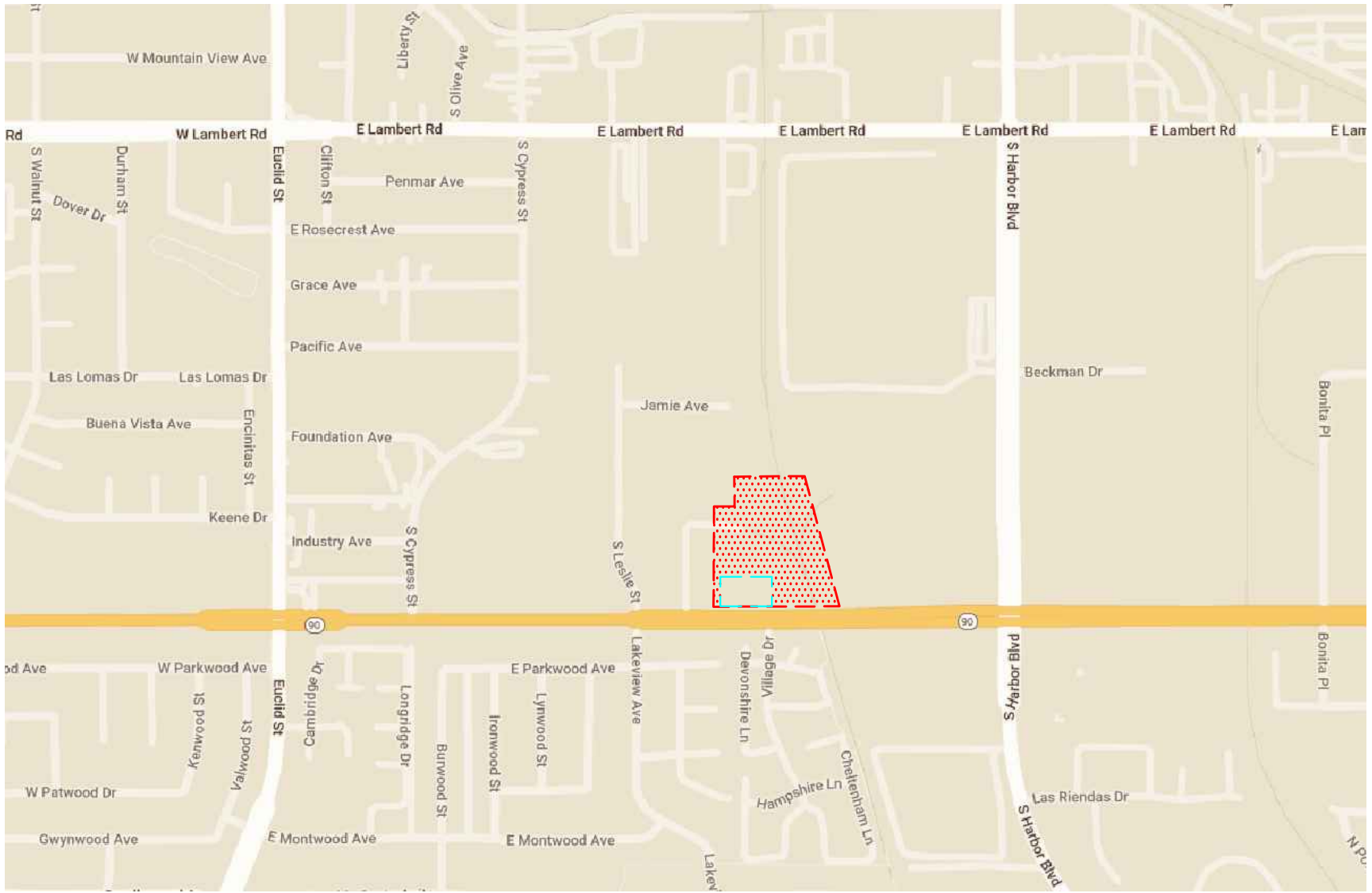


Richard E. Barretto, P.E.
Principal

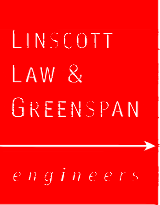


cc: Shane S. Green, P.E., Senior Transportation Engineer

Attachments



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SOURCE: GOOGLE

KEY



-  = PROJECT SITE
-  = PROPOSED DUNKIN DONUTS

FIGURE 1

VICINITY MAP
DUNKIN, LA HABRA



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engineers



NO SCALE

SOURCE: GOOGLE

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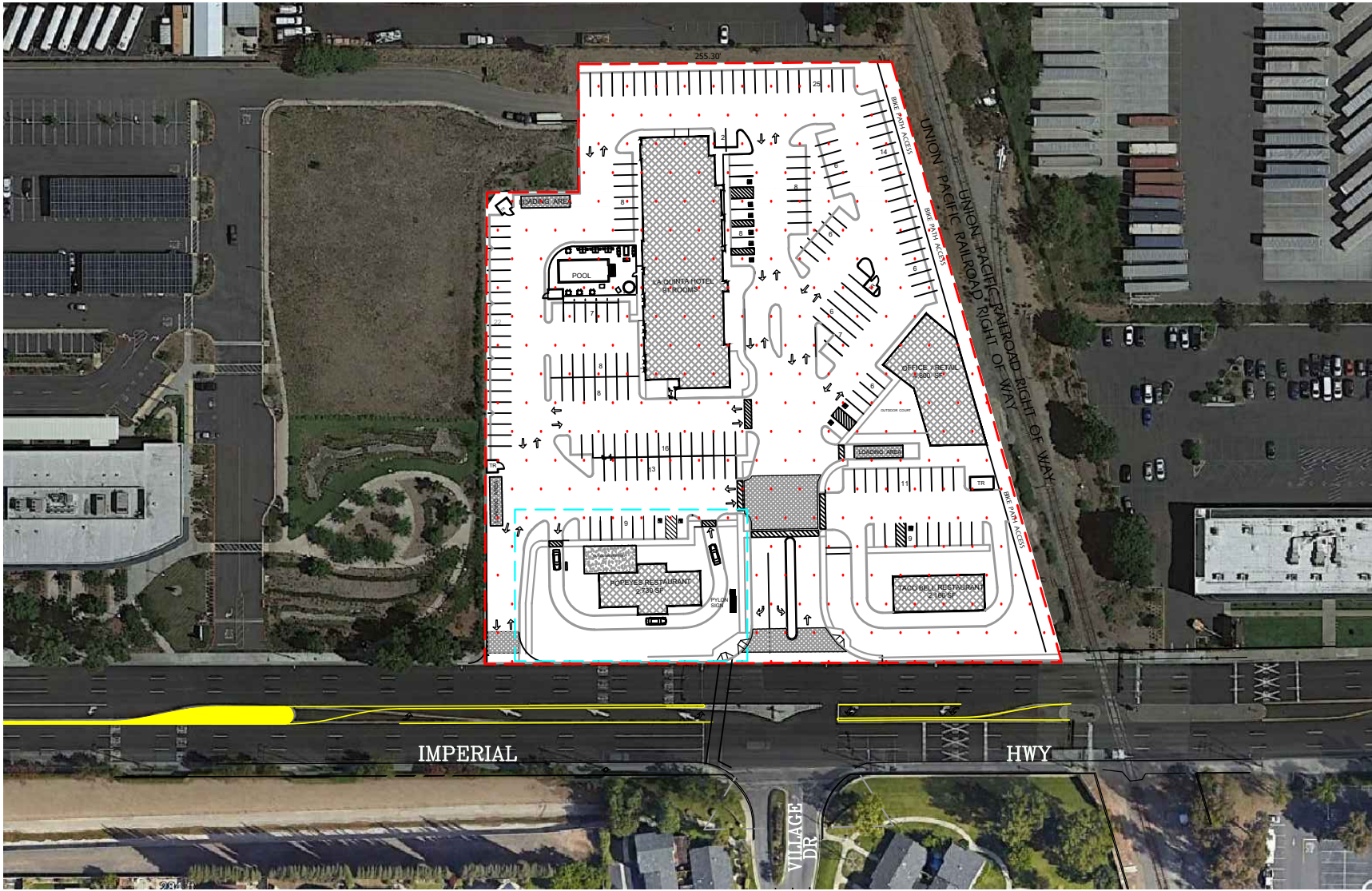
-  = PROJECT SITE
-  = PROPOSED DUNKIN DONUTS

FIGURE 2

EXISTING SITE AERIAL
DUNKIN, LA HABRA



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SOURCE: GOOGLE

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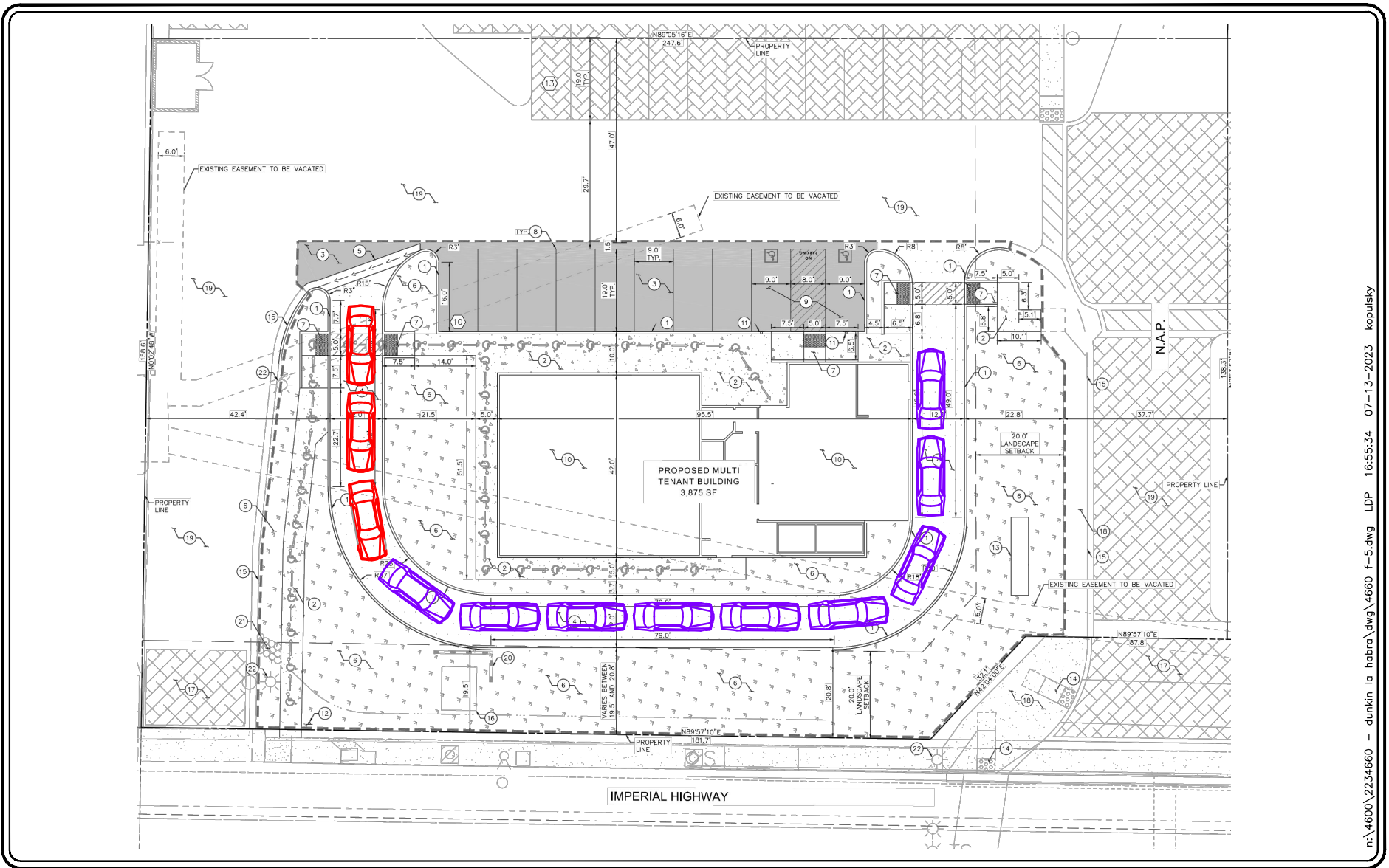
-  = PROJECT SITE
-  = PROPOSED DUNKIN DONUTS LOCATION

FIGURE 3

PRIOR APPROVED SITE PLAN
DUNKIN, LA HABRA



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SOURCE: KIMLEY HORN

KEY

-  = MAXIMUM OBSERVED QUEUE (9 VEHICLES)
-  = ADDITIONAL OVERFLOW (12 VEHICLES)

FIGURE 5

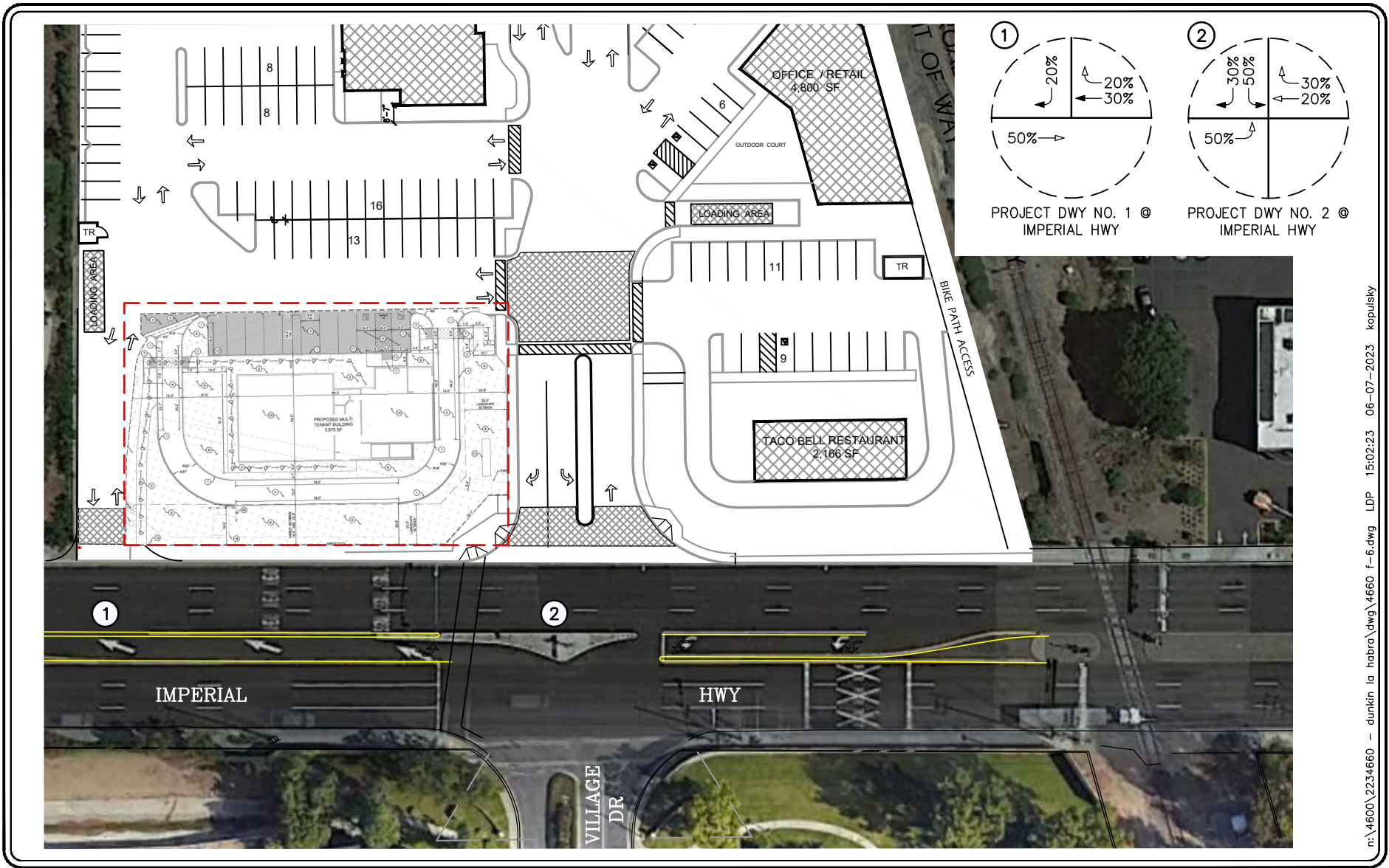
PROPOSED QUEUING LAYOUT
DUNKIN, LA HABRA

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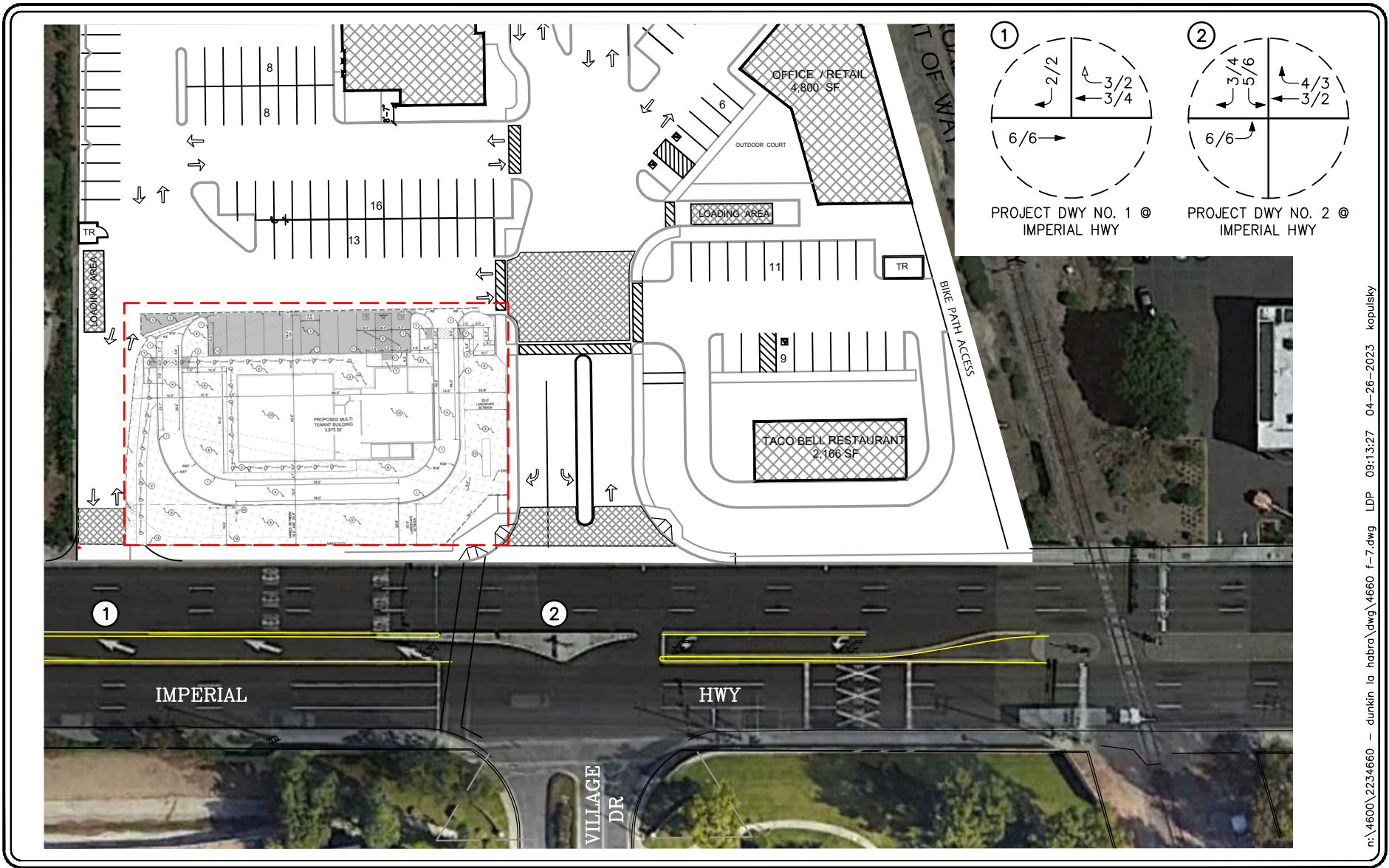
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- SOURCE: GOOGLE
KEY
- ← = INBOUND PERCENTAGE
 - = OUTBOUND PERCENTAGE
 - = PROPOSED DUNKIN DONUTS LOCATION

FIGURE 6

PROJECT TRIP DISTRIBUTION PATTERN
DUNKIN, LA HABRA



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NO SCALE

SOURCE: GOOGLE
KEY

XX/YY = AM/PM PEAK HOUR TRAFFIC VOLUMES

[Red dashed box] = PROJECT SITE

FIGURE 7

**AM AND PM PEAK HOUR
NET PROJECT TRAFFIC VOLUMES**

DUNKIN, LA HABRA

TABLE 1
QUEUING ANALYSIS SUMMARY³
DUNKIN DONUTS, LA HABRA

Queue Length (Vehicles)	Weekday (Thursday) Queue Frequency of Vehicles Observed			Weekend (Saturday) Queue Frequency of Vehicles Observed			Cumulative		
	Site #1 1302 E 17th St, Santa Ana, CA	Site #2 4858 Valley View Ave, Yorba Linda, CA	Site #3 17771 Santiago Blvd, Villa Park, CA	Site #1 1302 E 17th St, Santa Ana, CA	Site #2 4858 Valley View Ave, Yorba Linda, CA	Site #3 17771 Santiago Blvd, Villa Park, CA	Total	Frequency	Percentage
0	17	13	8	36	44	26	144	144	19.80%
1	36	19	14	25	26	30	150	294	40.50%
2	50	10	18	9	20	32	139	433	59.60%
3	13	25	11	14	20	15	98	531	73.10%
4	3	33	12	16	8	10	82	613	84.40%
5	2	16	23	19	3	6	69	682	93.90%
6	0	4	15	2	0	2	23	705	97.10%
7	0	1	12	0	0	0	13	718	98.90%
8	0	0	5	0	0	0	5	723	99.60%
9	0	0	3	0	0	0	3	726	100.00%
Total	121	121	121	121	121	121	726	--	--
Average	2.0	3.0	4.0	2.0	1.0	2.0	2.0	--	--
Max	5.0	7.0	9.0	6.0	5.0	6.0	9.0	--	--

³ Queuing observations were collected by Counts Unlimited on Thursday, April 6, 2023 and Saturday, April 8, 2023.

TABLE 2
PROJECT TRAFFIC GENERATION RATES AND FORECAST⁴
DUNKIN DONUTS, LA HABRA

Description	Daily 2-Way	AM Peak Hour			PM Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total
<u>Trip Rates:</u>							
▪ 822: Strip Retail Plaza (< 40k) (TE/1000 SF)	54.45	60%	40%	2.36	50%	50%	6.59
▪ 934: Fast-Food Restaurant with Drive-Through Window	467.48	51%	49%	44.61	52%	48%	33.03
▪ 937: Coffee/Donut Shop with Drive-Through Window (TE/1000 SF)	533.57	51%	49%	85.88	50%	50%	38.99
<u>Entitled Land Use Trip Generation:</u>							
▪ Popeye's (2,730 SF)	1,276	62	60	122	47	43	90
Pass-by (Daily: 25%, AM: 50%, PM: 55%) ⁵	<u>-319</u>	<u>-31</u>	<u>-30</u>	<u>-61</u>	<u>-26</u>	<u>-24</u>	<u>-50</u>
<i>Subtotal</i>	957	31	30	61	21	19	40
<u>Project Trip Generation:</u>							
▪ Dunkin Donuts (1,875 SF)	1,000	82	79	161	37	36	73
Pass-by (Daily: 25%, AM: 50%, PM: 25%) ⁶	<u>-250</u>	<u>-41</u>	<u>-40</u>	<u>-81</u>	<u>-9</u>	<u>-9</u>	<u>-18</u>
<i>Subtotal</i>	750	41	39	80	28	27	55
▪ Retail Space (2,000 SF)	109	3	2	5	7	6	13
Pass-by (Daily: 10%, AM: 10%, PM: 40%) ⁷	<u>-11</u>	<u>0</u>	<u>-1</u>	<u>-1</u>	<u>-3</u>	<u>-2</u>	<u>-5</u>
<i>Subtotal</i>	98	3	1	4	4	4	8
Total Project Trip Generation:	848	44	40	84	32	31	63
Proposed Project vs. Entitled Land Use Trip Generation Comparison	-109	+13	+10	+23	+11	+12	+23

Notes:

TE/1000 SF = Trip End per 1,000 Square Feet of Gross Floor Area

⁴ Source: *Trip Generation*, 11th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2021).

⁵ Pass-by reductions for the Fast-Food Restaurant with Drive-Through Window consist of the following: 25% daily (estimated), 50% AM and 55% PM.

⁶ Pass-by reductions for the Dunkin Donuts consist of the following: 25% daily (estimated), 50% AM (estimated) and 25% PM (estimated).

⁷ Pass-by reductions for retail less than 40k SF consist of the following: 10% daily (estimated), 10% AM (estimated) and 40% PM (estimated).

APPENDIX A
TRAFFIC STUDY SCOPE OF WORK

MEMORANDUM

To: Vanessa Quiroz, Senior Planner
Community and Economic Development
Michael Plotnik, TE, Traffic Manager
Public Works Department | Engineering
City of La Habra

Date: June 13, 2023

From: Richard E. Barretto, P.E., Principal
LLG, Engineers

LLG Ref: 2.23.4660.1

***Revised Traffic & Queuing Analysis Scope of Work for Proposed
Subject: Dunkin Donuts with Drive-Through
La Habra, California***

Linscott, Law & Greenspan, Engineers (LLG) is pleased to submit the following Revised Scope of Work for the proposed Dunkin Donuts Multi-Tenant Building (herein referred to as Project) located on the northwest corner of Imperial Highway and Village Drive in the City of La Habra within the 701 E. Imperial Highway Mixed Use Development. This scope has been revised to reflect comments provided by the City via an email dated April 26, 2023.

Scope of Work

The scope of work identified below was based on discussion between the Project Applicant team and City. The Proposed Dunkin Donuts Multi-Tenant Building will focus to a drive-through queuing evaluation, a trip generation analysis, an internal circulation assessment and VMT screening for the proposed Dunkin Donuts with drive-through.

A. Project Location: Dunkin Donuts is proposed to be located on the northwest corner of Imperial Highway and Village Drive in the City of La Habra, California. The Project site is a part of the 701 E. Imperial Highway Mixed Use Development Project that was approved by the City in December 2018. **Figure 1** presents a Vicinity Map that illustrates the general location of the Project site and surrounding street system. **Figure 2** presents an existing site aerial of the Project within the 701 E. Imperial Highway Mixed Use Development Project.

B. Project Description: The proposed Project includes the construction of a 3,875 square-foot (SF) building with two (2) tenant spaces which would include a 2,000± SF of retail shop space and an 1,875± SF donut shop with drive-through queuing storage to accommodate approximately 10-12± vehicles. On-site parking will total 23 spaces.

The Project will be constructed in place of a previously entitled 2,730 SF fast-food with drive-through intended to be occupied by Popeye's at the time of approval. The

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John A. Boorman, PE
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Richard E. Barretto, PE
Keil D. Maberry, PE

following table summarized the development totals associated with the 701 E. Imperial Highway Mixed Use Development.

**701 E. IMPERIAL HIGHWAY MIXED-USED PROJECT DEVELOPMENT SUMMARY
 APPROVED PROJECT VS. PROPOSED PROJECT**

Parcel / Land Use Description	Approved Project Development Total	Modified Project Total Development Floor Area
1) La Quinta Inn	50,744 SF with 91 rooms	50,744 SF with 91 rooms
2) Fast-Food with Drive-Through	2,730 SF (Popeye's)	--
Proposed Dunkin Donuts (Retail / Fast-Food)	--	3,875 SF
3) Fast-Food with Drive-Through	2,166 SF (Taco Bell)	2,166 SF (Taco Bell)
4) Retail/Office ¹	4,800 SF	--
Proposed Hallmark ¹	--	4,800 SF
Total	60,440 SF	61,585 SF

Access to the subject property will continue to be provided via the existing traffic signal on Imperial Highway at Village Drive and an existing right-turn only driveway on Imperial Highway. **Figure 3** presents the approved site plan that was included as part of the 701 E. Imperial Highway Mixed Use Development Project dated May 2016. **Figure 4A** presents the proposed site plan. **Figure 4B** presents and enlarged version of the proposed Dunkin Donuts location.

C. Drive Through Queuing Assessment: Queuing observations were performed at the following three (3) existing Dunkin Donuts facilities:

- 1302 E 17th Street Santa Ana, CA 92705
 - Center Size: 118,000 SF±
 - No of driveways: 5 driveways (unsignalized: full access)
 - No of spaces in center: 514 spaces
 - Dunkin Donuts Building
 - Dunkin Donut Size: 1,800 SF±
 - Multi-Tenant Space (Wing Stop, T Mobil, Jamba Juice): 5,740 SF±
 - No of parking spaces: 29 spaces
 - Drive-thru stacking: 10 vehicles

¹ Although retail/office uses are permitted, medical office use was assumed in the *Revised Traffic Impact Analysis Addendum for the 701 E. Imperial Highway Mixed Use Development Project, dated January 31, 2018*, to provide flexibility in future tenancy options. The project now planned is a Hallmark retail store.

- 4858 Valley View Ave. Yorba Linda, CA 92886
 - Center Size: 80,000 SF±
 - No of driveways: 7 driveways (unsignalized: 3 right in/out only and 4 full access)
 - No of spaces in center: 286 spaces
 - Dunkin Donuts Building
 - Single Tenant/Dunkin Donut Size: 2,200 SF±
 - No. of parking spaces: 12 spaces
 - Drive-thru stacking: 9 vehicles

- 17771 Santiago Blvd, Villa Park, CA 92861
 - Center Size: 113,000 SF±
 - No of driveways: 6 driveways (unsignalized: 1 right in/out only and 5 full access)
 - No of spaces in center: 584 spaces
 - Dunkin Donuts Building
 - Dunkin Donut Size: 1,900 SF±
 - Multi-Tenant Space (Chase Bank and Vacant Tenant): 5,490 SF±
 - No. of parking spaces: 33 spaces
 - Drive-thru stacking: 9 vehicles

Attachment A presents existing site aerials of these three (3) existing Dunkin Donuts locations referenced above, inclusive of the setting of these facilities and orientation of drive-through.

The above sites were determined, per the direction of Dunkin Donuts, to have similar settings and sizes to that of the proposed Project. Additionally, the observed sites are all in mixed-use settings similar to the proposed Project.

Queuing observations were performed at the three (3) existing Dunkin Donuts facilities noted above at one-minute intervals during the AM peak period (7:00 AM – 9:00 AM) on a typical weekday and Saturday. The queuing surveys were conducted Thursday, April 6, 2023 and Saturday, April 8, 2023.

Please note that transaction data has been reviewed for the aforementioned three (3) sites during both a weekday and weekend. The transaction data indicates that the absolute peak drive-thru demand occurred on a weekday at 7:00 AM – 9:00 AM which consisted of 35 transactions per hour. In addition to the information noted above **Attachment B** presents a letter from Lala Cream Corporation

indicating that the peak hours for Dunkin Donuts are between 7AM-9AM, as well as the transaction data provided by Lala Cream Corporation.

As a result of the queuing observations empirical data will be tabulated. This will include the peak demands at each site. These peak demands will then be used to forecast peak demands for the proposed Project which can then be compared to the proposed Dunkin Donuts drive-through storage capacity. Develop recommendations to address potential deficiencies, if necessary.

- D. Trip Generation:** Traffic generation is expressed in vehicle trip ends, defined as one-way vehicular movements, either entering or exiting the generating land use. Generation factors and/or equations used in this traffic analysis are based on information found in the 11th Edition of Trip Generation, published by the Institute of Transportation Engineers (ITE) [Washington, D.C., 2021].

Table 1 presents the ITE rates used in forecasting the vehicular trips. The trip generation potential of the entitled use estimated using ITE Land Use Code 934: Fast-Food Restaurant with Drive-Through Window trip rates. Based on review of the Project description, ITE Land Use Code 822: Strip Retail Plaza less than 40k Square Feet and ITE Land Use Code 937: Coffee/Donut Shop with Drive-Through Window trip rates were used for the proposed Project.

- ITE Land Use Code 822: Strip Retail Plaza less than 40k Square Feet
- ITE Land Use Code 934: Fast-Food Restaurant with Drive-Through Window
- ITE Land Use Code 937: Coffee/Donut Shop with Drive-Through Window

Review of the upper portion of *Table 1* presents the trip rates used for the proposed land uses. A review of the middle half of *Table 1* shows that the trips generated by the prior entitlement for the site totals 957 daily trips, with 61 trips (31 inbound, 30 outbound) during the AM peak hour and 40 trips (21 inbound, 19 outbound) during the PM peak hour. Review of the lower half of *Table 1* shows the trip generation forecast for the proposed Project totals 848 daily trips, with 84 trips (44 inbound, 40 outbound) during the AM peak hour and 63 trips (32 inbound, 31 outbound) during the PM peak hour.

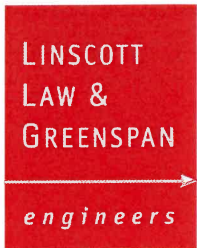
As shown in the last row of *Table 1*, comparison of the trips generated by the existing entitled land use to the trips generated by the proposed Project shows that the proposed Project will generate 109 fewer daily trips, 23 more AM peak hour trips and 23 more PM peak hour trips. The net trips will be used for the evaluation of the Project.

- E. Focused Traffic Analysis:** Develop a trip distribution pattern for the proposed Project to assist in identifying added Project traffic volumes to the roadway system in the immediate vicinity of the Project in comparison to the previously Entitled Land Use. *Figure 5* presents the proposed distribution pattern.

Determine if a traffic study would be required based on the criteria published in the *City of La Habra Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment dated August 2021*.

Evaluate the proposed access and internal circulation scheme of the proposed Project, with a focus on on-site circulation and parking layout and design, ingress and egress safety opportunities and constraints, adequate sight distances at project driveways, pedestrian circulation, locations of proposed driveways with respect to existing (conflicting) driveways, striping configurations, and median modifications, if any.

- F. VMT Screening Assessment:** Conduct a SB 743 VMT assessment based on the *City of La Habra Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment dated August 2021*. Given the Project location and that the proposed Project is considered “local serving” retail less than 50,000 SF, the project will likely be screened out from a full VMT analysis.



We appreciate the opportunity to provide this scope of work. Should you have any questions, please call us at (949) 825-6175. Thank You.

Recommended by:

A handwritten signature in blue ink, appearing to read "R. Bantle", is written over a horizontal line.

Consultant's Representative

June 13, 2023

Date

Approved by:

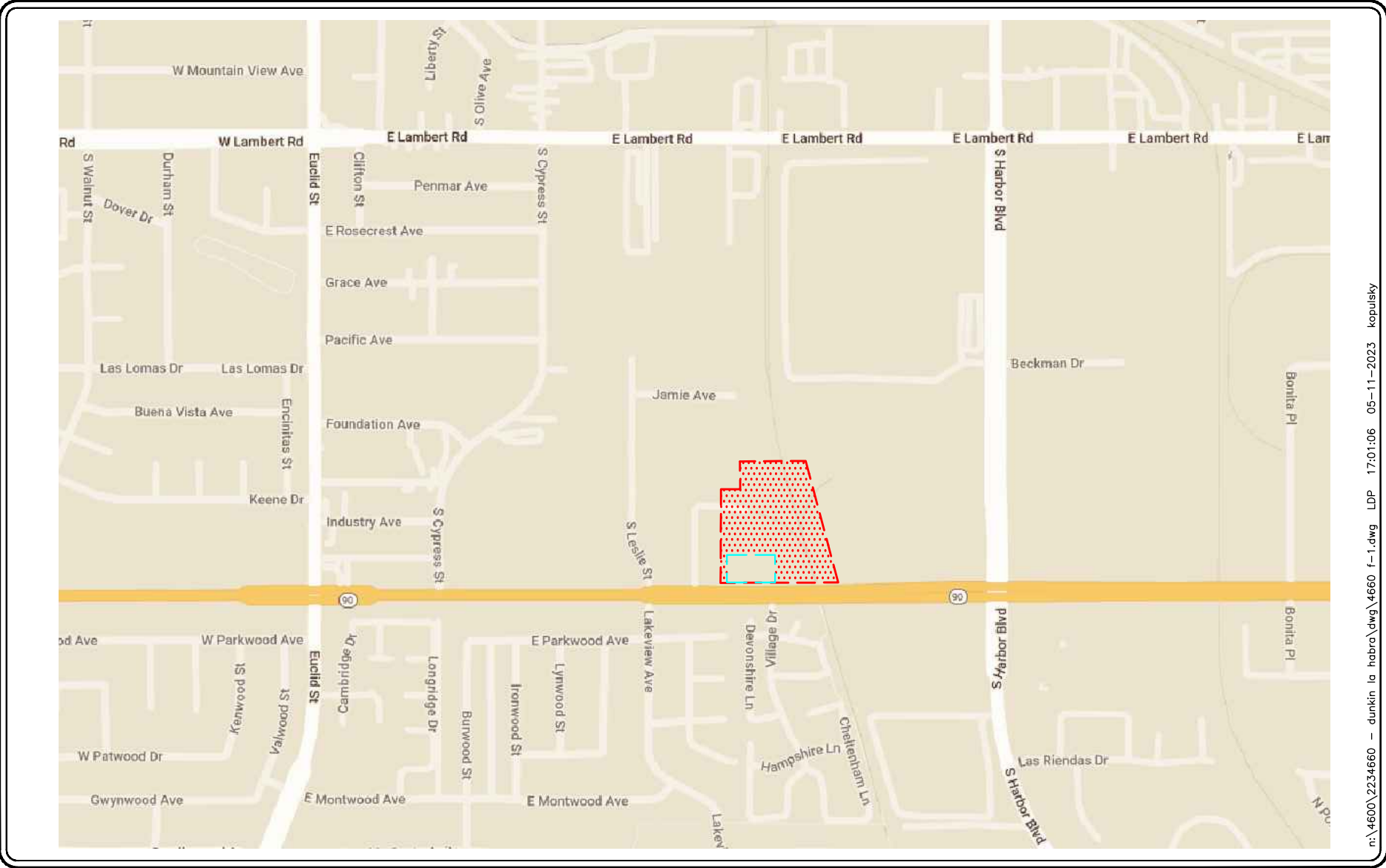
A handwritten signature in blue ink is written over a horizontal line.

City of La Habra

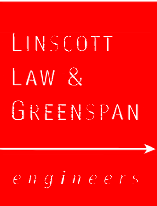
6/19/2023

Date

cc: Shane S. Green, P.E., LLG
Leticia Alvarez, P.E., Kimley Horn
Attachment



n:\4600\2234660 - dunkin la habra\dwg\4660 f-1.dwg LDP 17:01:06 05-11-2023 kopulsky



SOURCE: GOOGLE

KEY



-  = PROJECT SITE
-  = PROPOSED DUNKIN DONUTS

FIGURE 1

VICINITY MAP
DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\4660 f-2.dwg LDP 15:00:11 06-07-2023 kopulsky

LINSCOTT
LAW &
GREENSPAN

engineers



NO SCALE

SOURCE: GOOGLE

KEY



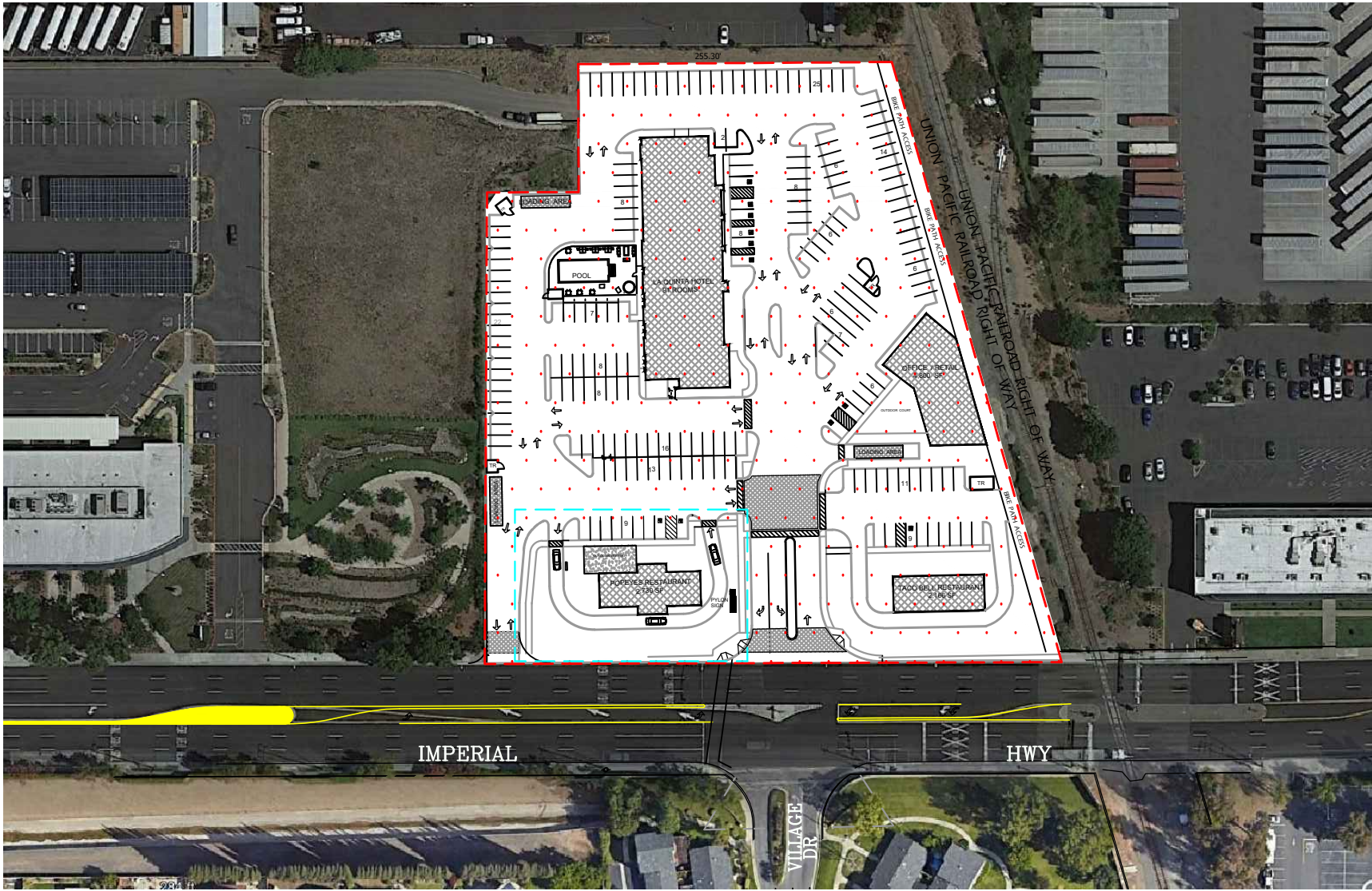
= PROJECT SITE



= PROPOSED DUNKIN DONUTS

FIGURE 2

EXISTING SITE AERIAL
DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\4660 f-3.dwg LDP 15:00:58 06-07-2023 kopulsky

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GREENSPAN
engineers

NO SCALE

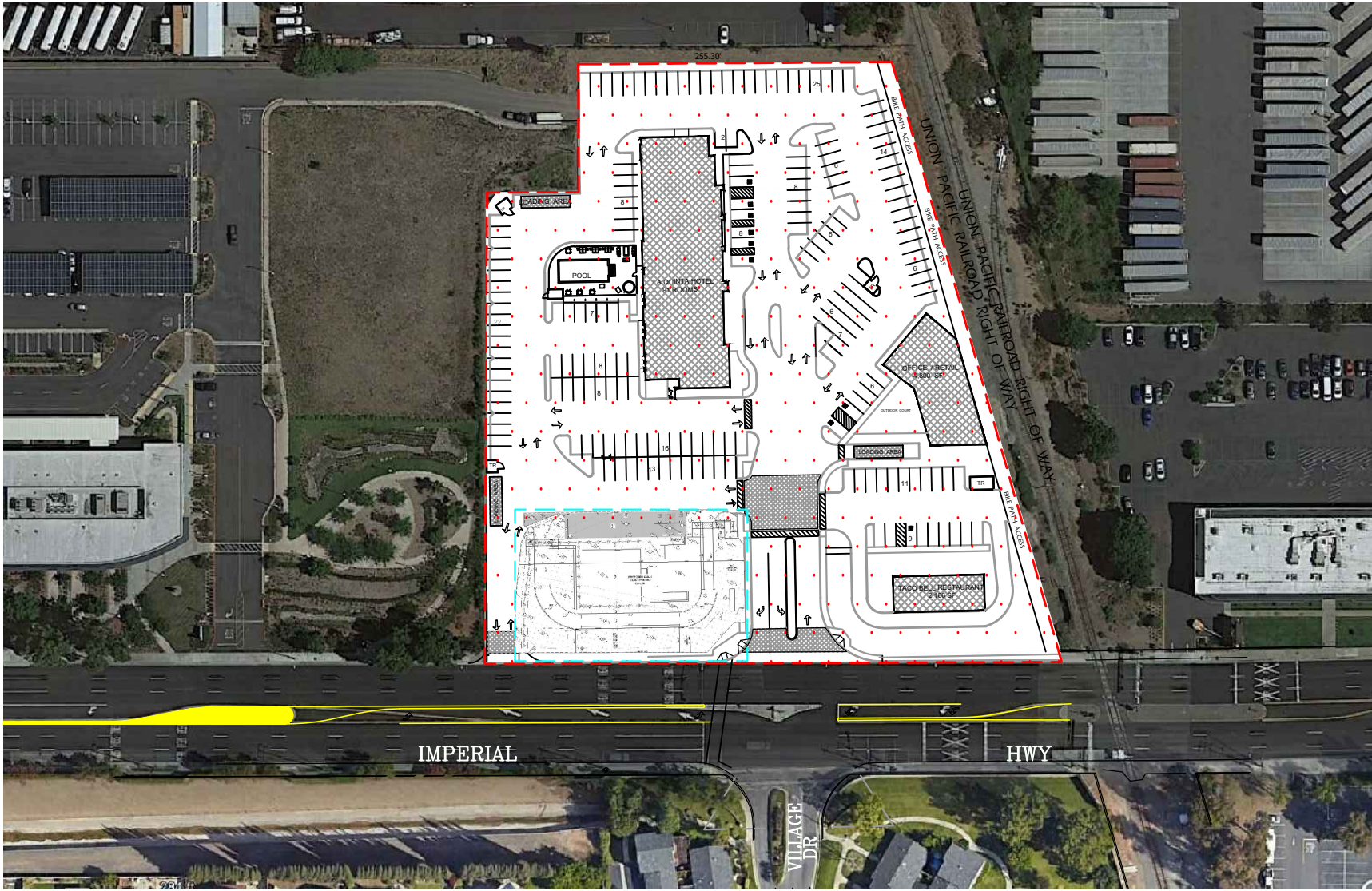
SOURCE: GOOGLE

KEY

- = PROJECT SITE
- = PROPOSED DUNKIN DONUTS LOCATION

FIGURE 3

PRIOR APPROVED SITE PLAN
DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\4660 f-4a.dwg LDP 15:01:47 06-07-2023 kopulsky

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LAW &
GREENSPAN
engineers



NO SCALE

SOURCE: GOOGLE

KEY



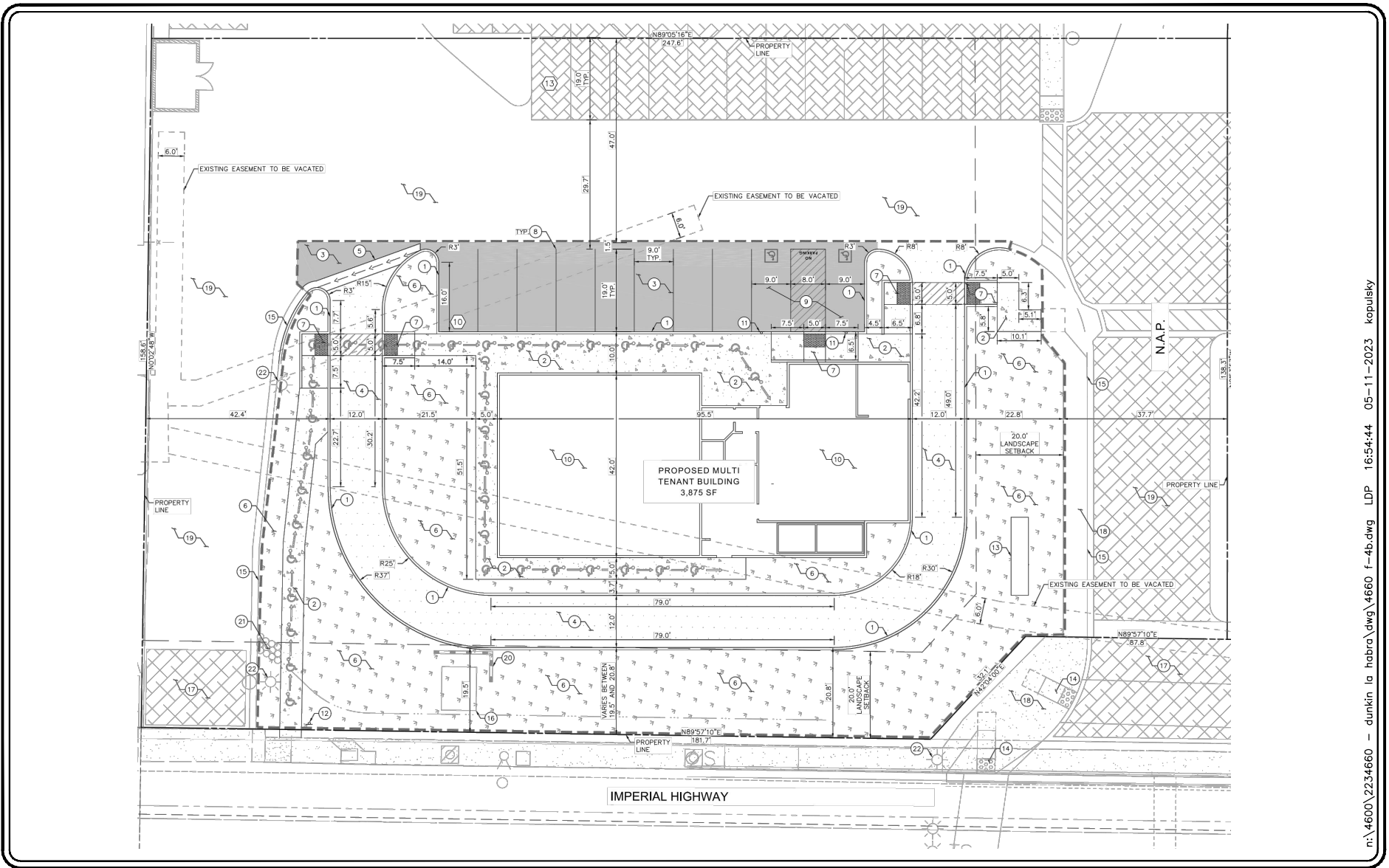
-  = PROJECT SITE
-  = PROPOSED DUNKIN DONUTS

FIGURE 4A

PROPOSED SITE PLAN
DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\4660 f-4b.dwg LDP 16:54:44 05-11-2023 kopulsky

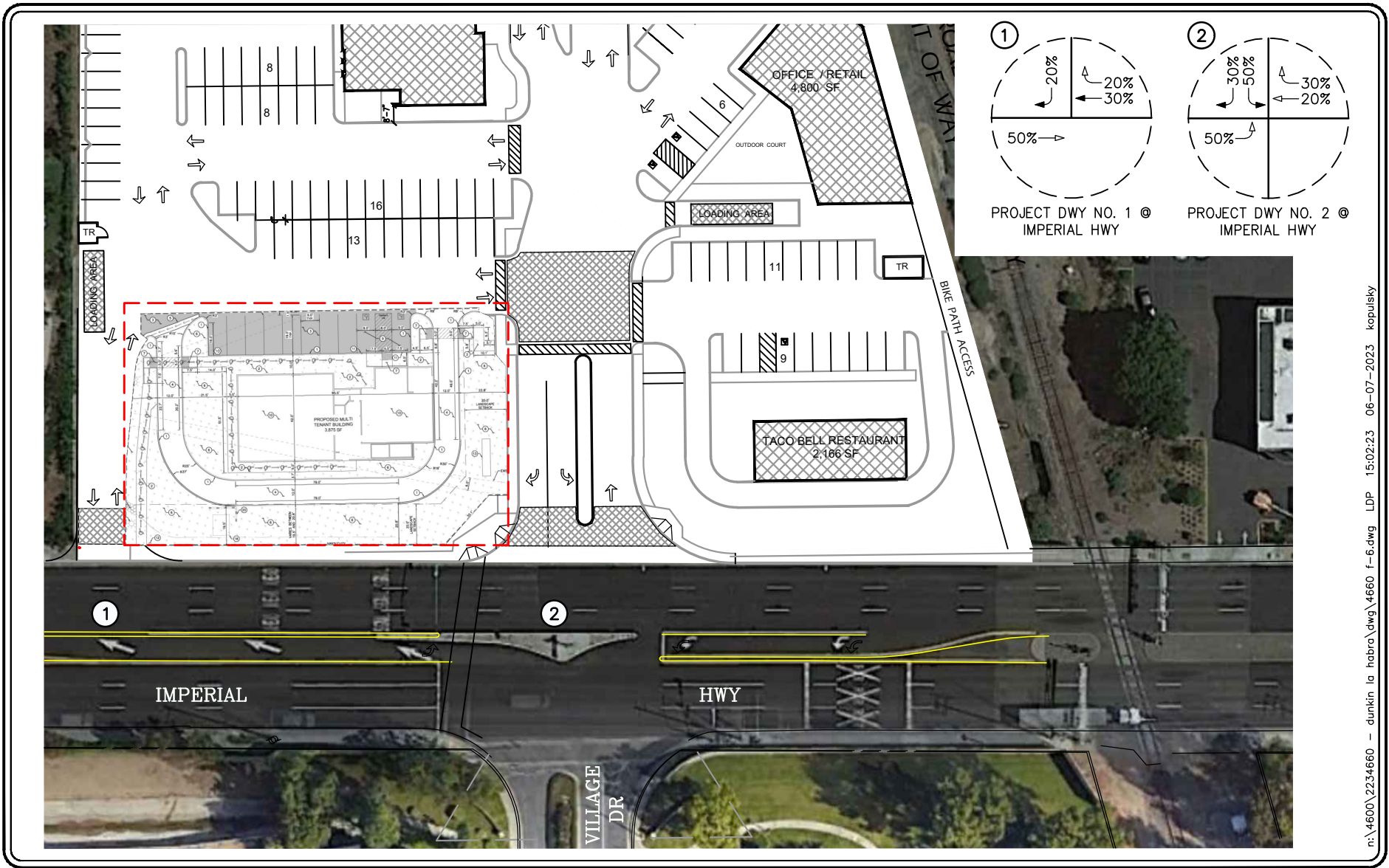
LINSCOTT
LAW &
GREENSPAN
engineers

NO SCALE

SOURCE: KIMLEY HORN

FIGURE 4B

PROPOSED DUNKIN DONUTS
DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\4660 f-6.dwg LDP 15:02:23 06-07-2023 kopulsky

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LAW &
GREENSPAN
engineers

- SOURCE: GOOGLE
KEY
- = INBOUND PERCENTAGE
 - = OUTBOUND PERCENTAGE
 - = PROPOSED DUNKIN DONUTS LOCATION

FIGURE 5

PROJECT TRIP DISTRIBUTION PATTERN
DUNKIN, LA HABRA

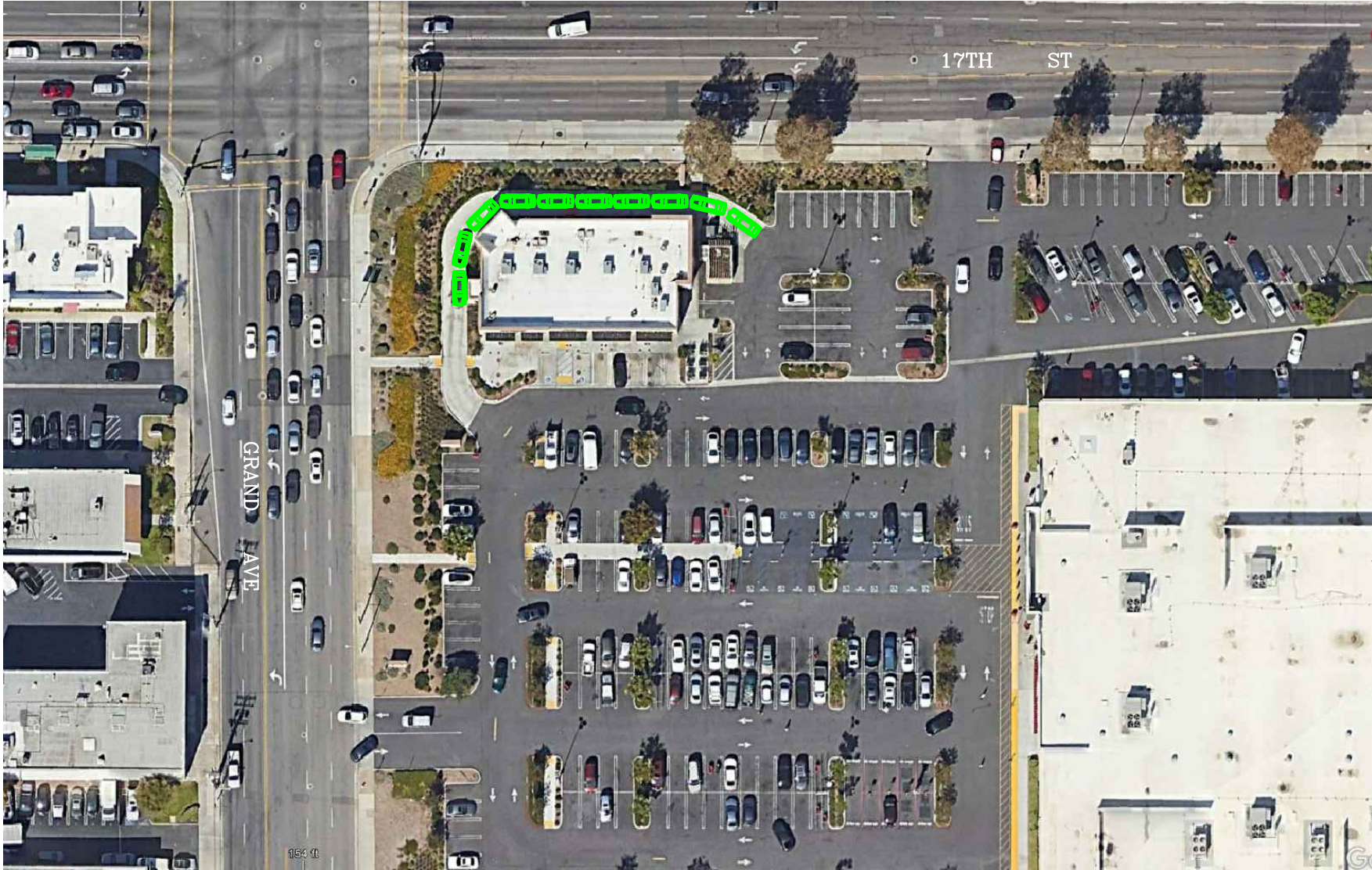
TABLE 1
PROJECT TRAFFIC GENERATION RATES AND FORECAST²
DUNKIN DONUTS, LA HABRA

Description	Daily 2- Way	AM Peak Hour			PM Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total
<u>Trip Rates:</u>							
▪ 822: Strip Retail Plaza (< 40k) (TE/1000 SF)	54.45	60%	40%	2.36	50%	50%	6.59
▪ 934: Fast-Food Restaurant with Drive-Through Window	467.4 8	51%	49%	44.61	52%	48%	33.03
▪ 937: Coffee/Donut Shop with Drive-Through Window (TE/1000 SF)	533.5 7	51%	49%	85.88	50%	50%	38.99
<u>Entitled Land Use Trip Generation:</u>							
▪ Popeye's (2,730 SF)	1,276	62	60	122	47	43	90
Pass-by (Daily: 25%, AM: 50%, PM: 55%) ³	<u>-319</u>	<u>-31</u>	<u>-30</u>	<u>-61</u>	<u>-26</u>	<u>-24</u>	<u>-50</u>
[A] Total Entitled Land Use Trip Generation:	957	31	30	61	21	19	40
<u>Project Trip Generation:</u>							
▪ Dunkin Donuts (1,875 SF)	1,000	82	79	161	37	36	73
Pass-by (Daily: 25%, AM: 50%, PM: 25%) ⁴	<u>-250</u>	<u>-41</u>	<u>-40</u>	<u>-81</u>	<u>-9</u>	<u>-9</u>	<u>-18</u>
<i>Subtotal</i>	<i>750</i>	<i>41</i>	<i>39</i>	<i>80</i>	<i>28</i>	<i>27</i>	<i>55</i>
▪ Retail Space (2,000 SF)	109	3	2	5	7	6	13
Pass-by (Daily: 10%, AM: 10%, PM: 40%) ⁵	<u>-11</u>	<u>0</u>	<u>-1</u>	<u>-1</u>	<u>-3</u>	<u>-2</u>	<u>-5</u>
<i>Subtotal</i>	<i>98</i>	<i>3</i>	<i>1</i>	<i>4</i>	<i>4</i>	<i>4</i>	<i>8</i>
[B] Total Project Trip Generation:	848	44	40	84	32	31	63
[C] = [B] – [A] Proposed Project vs. Entitled Land Use Trip Generation Comparison	-109	+13	+10	+23	+11	+12	+23

Notes:
 TE/1000 SF = Trip End per 1,000 Square Feet of Gross Floor Area


² Source: *Trip Generation*, 11th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2021).
³ Pass-by reductions for the Fast-Food Restaurant with Drive-Through Window consist of the following: 25% daily (estimated), 50% AM and 55% PM.
⁴ Pass-by reductions for the Dunkin Donuts consist of the following: 25% daily (estimated), 50% AM (estimated) and 25% PM (estimated).
⁵ Pass-by reductions for retail less than 40k SF consist of the following: 10% daily (estimated), 10% AM (estimated) and 40% PM (estimated).

ATTACHMENT A
EXISTING SITE AERIAL OF THREE (3) DUNKIN DONUT FACILITIES



n:\4600\2234660 - dunkin la habra\dwg\4660 17th st.dwg LDP 14-03-08 05-11-2023 oguilver

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GREENSPAN
engineers

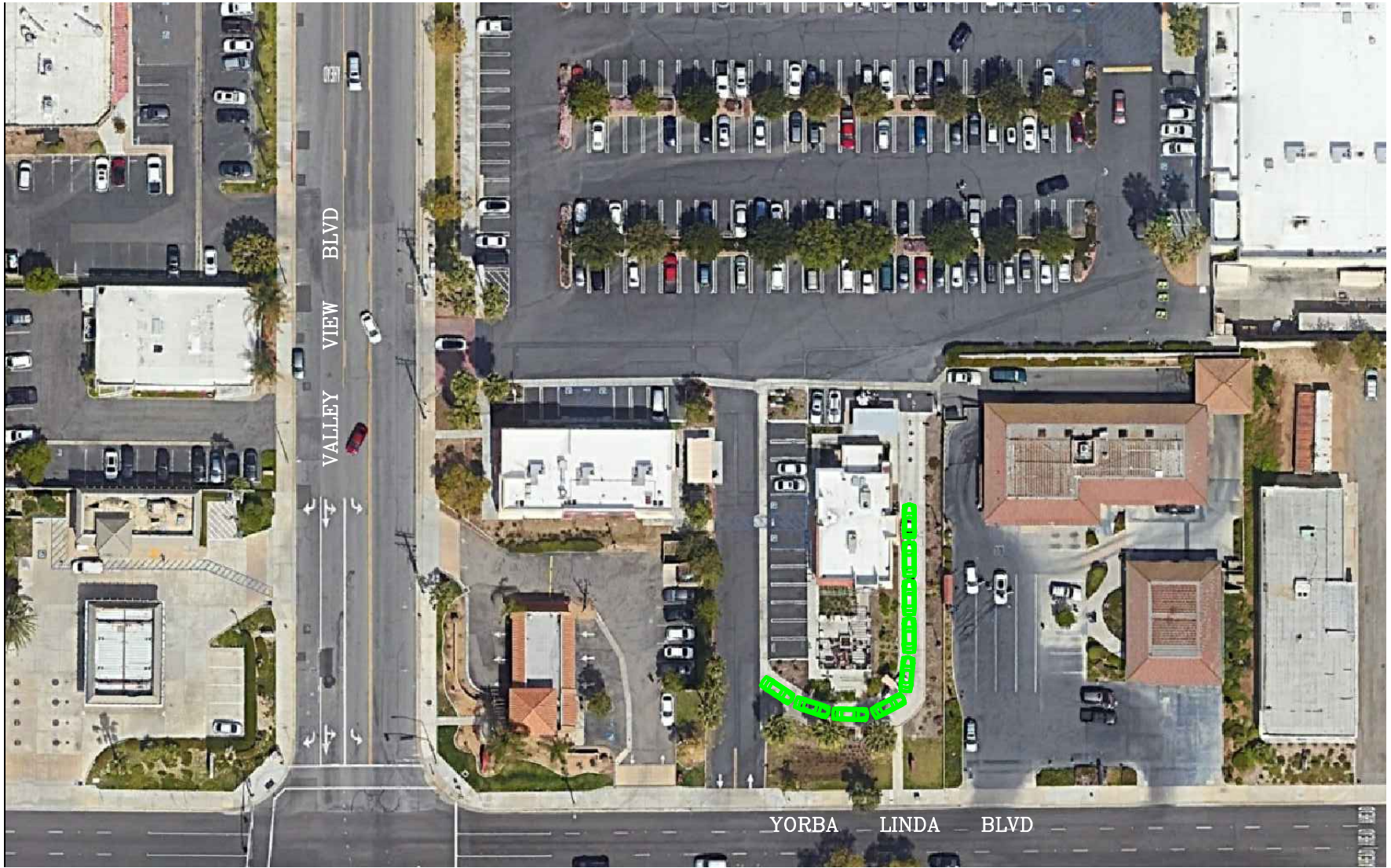


NO SCALE

SOURCE: GOOGLE

ATTACHMENT A1

CAR STACKING PLAN - SANTA ANA SITE DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\4660 valley view yorba linda.dwg LDP 13:59:43 05-11-2023 agular

LINSCOTT
LAW &
GREENSPAN
engineers

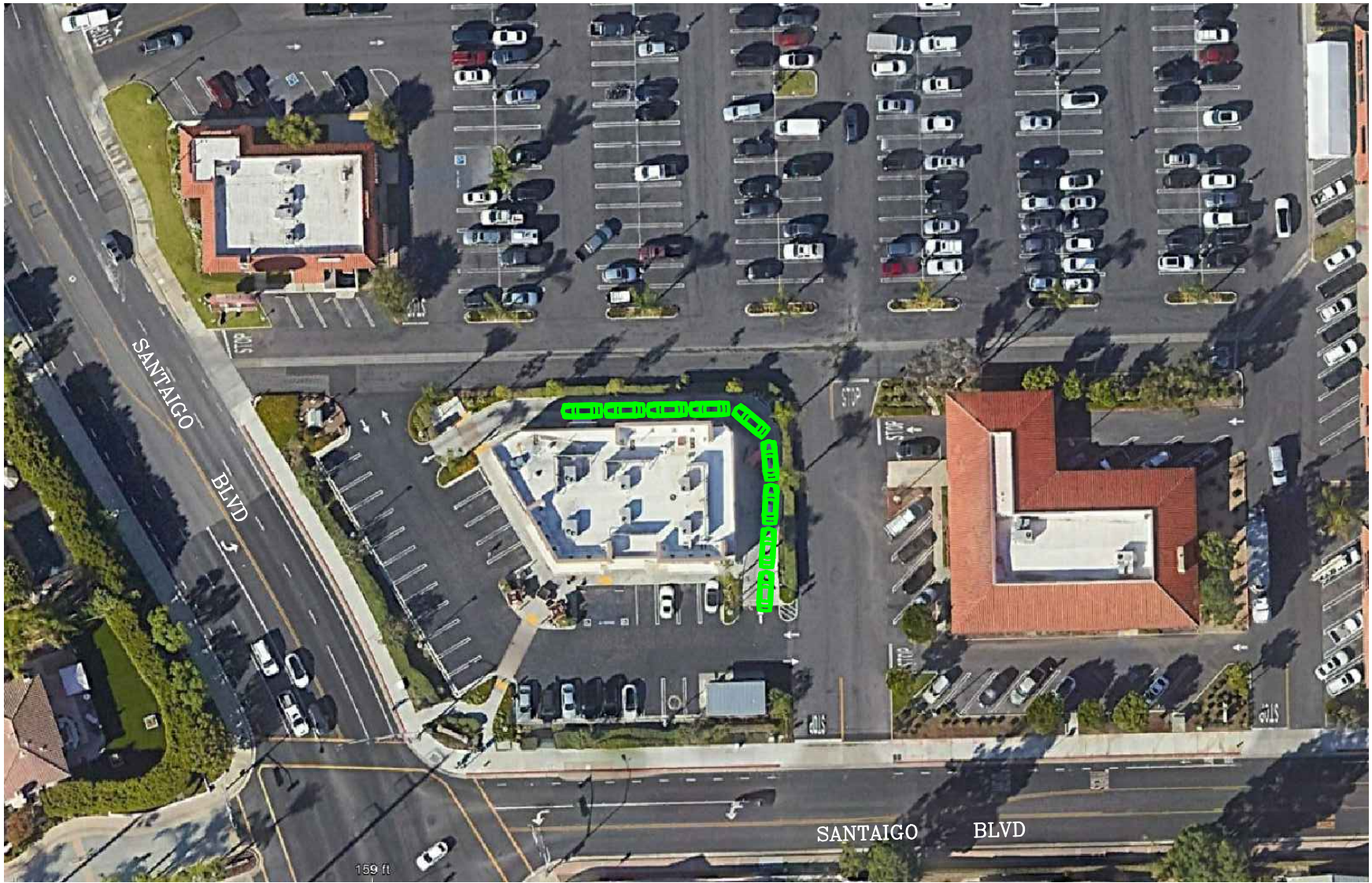


NO SCALE

SOURCE: GOOGLE

ATTACHMENT A2

CAR STACKING PLAN - YORBA LINDA SITE
DUNKIN, LA HABRA



n:\4600\2234660 - dunkin la habra\dwg\17771 santiago villa park.dwg LDP 13:52:38 05-11-2023 aguilan

LINSCOTT
LAW &
GREENSPAN
engineers



SOURCE: GOOGLE

ATTACHMENT A3

CAR STACKING PLAN – VILLA PARK SITE
DUNKIN, LA HABRA

ATTACHMENT B
LALA CREAM CORPORATION LETTER
AND TRANSACTION DATA



Lala Cream Corporation

4858 Valley View Ave.

Yorba Linda, CA 92886

05/08/2023

To Whom It May Concern,

This is to confirm that in general our busiest hours for business on both weekdays and weekends are from 7AM to 9AM.

If you have any questions please feel free to reach out to me

Thanks,

A handwritten signature in black ink that reads "Parag Patel". The signature is written in a cursive style with a large, stylized initial 'P'.

Parag Patel

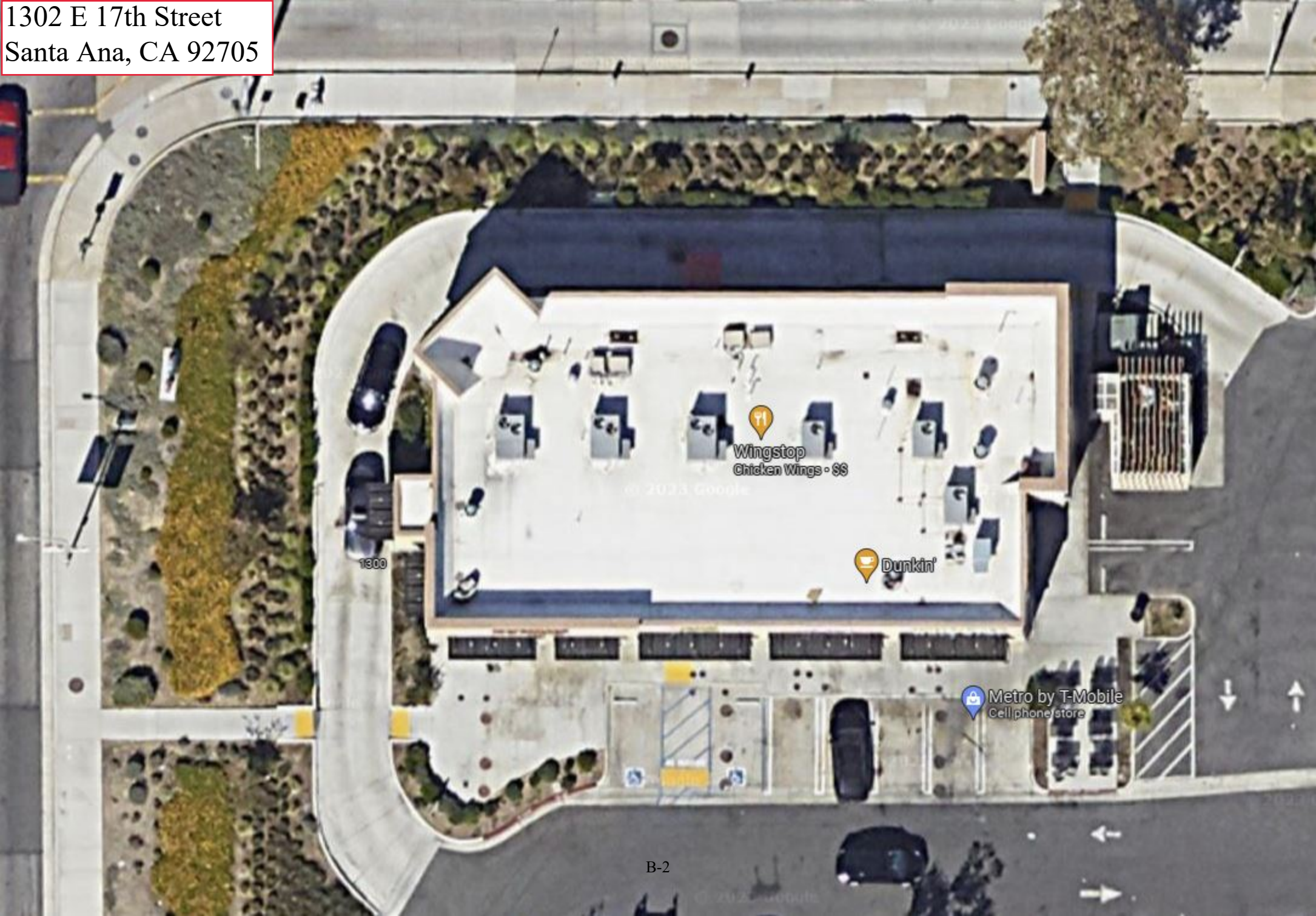
President

ATTACHMENT B
DUNKIN DONUTS SITE TRANSACTION DATA
DUNKIN DONUTS, LA HABRA

Time	Weekday (Thursday) Number of Transactions			Weekend (Saturday) Number of Transactions		
	Site #1 1302 E 17th St, Santa Ana, CA	Site #2 4858 Valley View Ave, Yorba Linda, CA	Site #3 17771 Santiago Blvd, Villa Park, CA	Site #1 1302 E 17th St, Santa Ana, CA	Site #2 4858 Valley View Ave, Yorba Linda, CA	Site #3 17771 Santiago Blvd, Villa Park, CA
4:00 AM	--	--	--	--	--	--
5:00 AM	6	5	2	3	7	--
6:00 AM	17	13	13	11	7	9
7:00 AM	25	24	35	18	11	21
8:00 AM	27	26	35	31	26	25
9:00 AM	30	34	24	27	31	24
10:00 AM	22	16	18	22	32	30
11:00 AM	7	17	11	20	33	23
12:00 PM	10	13	16	16	17	13
1:00 PM	12	15	15	12	17	10
2:00 PM	3	16	12	7	16	16
3:00 PM	16	19	18	11	7	18
4:00 PM	7	8	15	5	13	9
5:00 PM	11	7	10	8	10	3
6:00 PM	9	13	6	6	9	6
7:00 PM	8	6	5	7	5	4
8:00 PM	10	2	3	6	0	3
9:00 PM	--	3	2	--	5	--
10:00 PM	--	--	3	--	--	--
Peak	30	34	35	31	33	30

APPENDIX B
DRIVE-THROUGH QUEUING STUDY DATA

1302 E 17th Street
Santa Ana, CA 92705



1300

Wingstop
Chicken Wings • \$8

Dunkin'

Metro by T-Mobile
Cell phone store

B-2

© 2023 Google

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 1302 E 17th St
 CITY: Santa Ana

DAY: Thursday
 DATE: 4/6/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
7:00	2	0	2
7:01	2	1	3
7:02	2	1	3
7:03	2	0	2
7:04	1	0	1
7:05	1	0	1
7:06	0	1	1
7:07	1	0	1
7:08	1	0	1
7:09	1	0	1
7:10	2	0	2
7:11	1	2	3
7:12	2	2	4
7:13	1	1	2
7:14	2	0	2
7:15	1	0	1
7:16	0	0	0
7:17	0	1	1
7:18	0	1	1
7:19	0	1	1
7:20	1	0	1
7:21	1	1	2
7:22	2	0	2
7:23	2	0	2
7:24	1	0	1
7:25	0	0	0
7:26	0	0	0
7:27	0	1	1
7:28	1	1	2
7:29	1	0	1
7:30	0	0	0
7:31	1	0	1
7:32	1	1	2
7:33	1	1	2
7:34	1	1	2
7:35	2	1	3
7:36	1	1	2
7:37	1	0	1
7:38	1	0	1
7:39	0	1	1
7:40	1	1	2
7:41	1	1	2
7:42	1	0	1
7:43	1	0	1
7:44	0	0	0
7:45	0	1	1
7:46	0	2	2
7:47	1	1	2
7:48	2	0	2
7:49	2	0	2
7:50	2	0	2
7:51	1	0	1
7:52	0	1	1
7:53	0	0	0
7:54	0	0	0
7:55	0	2	2
7:56	0	2	2
7:57	1	2	3
7:58	1	2	3
7:59	1	1	2
8:00	2	1	3
8:01	3	0	3
8:02	1	1	2
8:03	2	0	2
8:04	2	1	3
8:05	2	0	2
8:06	0	0	0
8:07	1	0	1
8:08	1	0	1

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 1302 E 17th St
 CITY: Santa Ana

DAY: Thursday
 DATE: 4/6/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
8:09	1	0	1
8:10	1	0	1
8:11	0	0	0
8:12	0	0	0
8:13	0	0	0
8:14	0	0	0
8:15	0	1	1
8:16	1	0	1
8:17	0	0	0
8:18	0	0	0
8:19	0	0	0
8:20	0	0	0
8:21	0	2	2
8:22	0	2	2
8:23	1	1	2
8:24	2	0	2
8:25	0	2	2
8:26	2	0	2
8:27	1	0	1
8:28	1	1	2
8:29	2	0	2
8:30	1	1	2
8:31	2	0	2
8:32	2	2	4
8:33	0	2	2
8:34	1	1	2
8:35	2	0	2
8:36	1	0	1
8:37	1	0	1
8:38	0	1	1
8:39	1	0	1
8:40	0	2	2
8:41	1	1	2
8:42	2	1	3
8:43	1	1	2
8:44	2	0	2
8:45	0	1	1
8:46	1	1	2
8:47	0	0	0
8:48	0	2	2
8:49	0	2	2
8:50	1	4	5
8:51	2	3	5
8:52	1	3	4
8:53	1	2	3
8:54	1	2	3
8:55	2	1	3
8:56	2	0	2
8:57	1	0	1
8:58	1	1	2
8:59	1	1	2
9:00	1	1	2

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 1302 E 17th St
 CITY: Santa Ana

DAY: Saturday
 DATE: 4/8/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
7:00	0	0	0
7:01	0	1	1
7:02	0	1	1
7:03	1	0	1
7:04	1	0	1
7:05	1	0	1
7:06	0	0	0
7:07	0	0	0
7:08	0	0	0
7:09	0	0	0
7:10	0	1	1
7:11	0	0	0
7:12	0	1	1
7:13	0	2	2
7:14	1	1	2
7:15	0	1	1
7:16	1	0	1
7:17	1	1	2
7:18	1	0	1
7:19	0	0	0
7:20	0	0	0
7:21	0	0	0
7:22	0	0	0
7:23	0	0	0
7:24	0	0	0
7:25	0	0	0
7:26	0	0	0
7:27	0	0	0
7:28	0	0	0
7:29	0	0	0
7:30	0	0	0
7:31	0	0	0
7:32	0	0	0
7:33	0	1	1
7:34	0	1	1
7:35	1	0	1
7:36	1	0	1
7:37	1	0	1
7:38	0	0	0
7:39	0	2	2
7:40	1	3	4
7:41	1	3	4
7:42	1	2	3
7:43	2	3	5
7:44	2	2	4
7:45	3	1	4
7:46	4	0	4
7:47	4	0	4
7:48	3	1	4
7:49	2	1	3
7:50	2	1	3
7:51	2	0	2
7:52	1	0	1
7:53	0	0	0
7:54	0	0	0
7:55	0	1	1
7:56	1	0	1
7:57	1	0	1
7:58	0	0	0
7:59	0	0	0
8:00	0	0	0
8:01	0	0	0
8:02	0	0	0
8:03	0	0	0
8:04	0	1	1
8:05	1	1	2
8:06	2	0	2
8:07	1	1	2
8:08	1	0	1

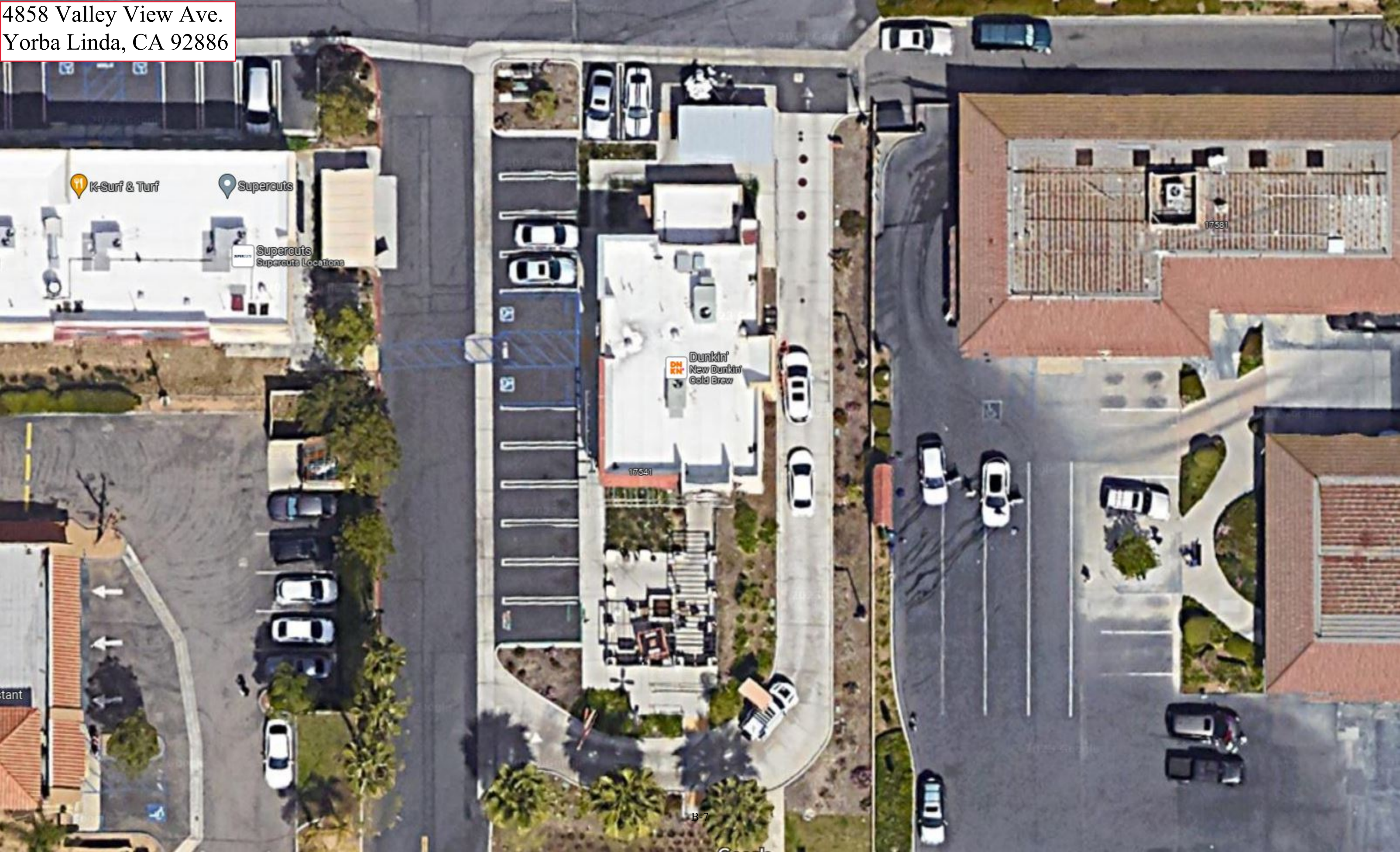
DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 1302 E 17th St
 CITY: Santa Ana

DAY: Saturday
 DATE: 4/8/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
8:09	1	0	1
8:10	0	0	0
8:11	0	0	0
8:12	0	0	0
8:13	0	1	1
8:14	1	2	3
8:15	1	2	3
8:16	1	2	3
8:17	1	2	3
8:18	1	2	3
8:19	2	2	4
8:20	1	2	3
8:21	2	1	3
8:22	2	0	2
8:23	2	2	4
8:24	1	3	4
8:25	1	3	4
8:26	1	2	3
8:27	2	2	4
8:28	2	3	5
8:29	3	3	6
8:30	2	3	5
8:31	2	3	5
8:32	2	3	5
8:33	2	3	5
8:34	3	2	5
8:35	3	2	5
8:36	4	0	4
8:37	3	0	3
8:38	1	0	1
8:39	0	0	0
8:40	0	0	0
8:41	0	0	0
8:42	0	0	0
8:43	0	1	1
8:44	0	3	3
8:45	1	3	4
8:46	1	4	5
8:47	2	4	6
8:48	1	4	5
8:49	2	3	5
8:50	3	2	5
8:51	4	1	5
8:52	4	1	5
8:53	4	0	4
8:54	3	2	5
8:55	3	2	5
8:56	3	2	5
8:57	3	2	5
8:58	3	2	5
8:59	3	1	4
9:00	2	1	3

4858 Valley View Ave.
Yorba Linda, CA 92886



K-Surf & Turf

Supercuts

Supercuts
Supercuts Locations

Dunkin'
New Dunkin'
Cold Brew

17541

17581

stant

B-7

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 4858 Valley View Ave
 CITY: Yorba Linda

DAY: Thursday
 DATE: 4/6/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
7:00	1	0	1
7:01	1	0	1
7:02	0	0	0
7:03	0	0	0
7:04	0	0	0
7:05	0	0	0
7:06	0	0	0
7:07	1	0	1
7:08	1	0	1
7:09	1	0	1
7:10	0	0	0
7:11	0	0	0
7:12	0	1	1
7:13	1	0	1
7:14	1	0	1
7:15	1	1	2
7:16	1	1	2
7:17	1	2	3
7:18	2	1	3
7:19	2	0	2
7:20	1	0	1
7:21	0	0	0
7:22	0	1	1
7:23	1	2	3
7:24	2	2	4
7:25	2	2	4
7:26	3	2	5
7:27	3	4	7
7:28	2	4	6
7:29	3	2	5
7:30	2	3	5
7:31	1	2	3
7:32	2	2	4
7:33	2	2	4
7:34	3	2	5
7:35	2	1	3
7:36	2	0	2
7:37	1	0	1
7:38	0	0	0
7:39	0	0	0
7:40	0	0	0
7:41	0	1	1
7:42	1	0	1
7:43	1	0	1
7:44	0	0	0
7:45	0	0	0
7:46	0	1	1
7:47	1	0	1
7:48	1	0	1
7:49	1	0	1
7:50	1	1	2
7:51	2	0	2
7:52	2	2	4
7:53	1	2	3
7:54	2	1	3
7:55	3	0	3
7:56	3	0	3
7:57	2	0	2
7:58	1	0	1
7:59	1	1	2
8:00	1	2	3
8:01	3	0	3
8:02	3	0	3
8:03	3	1	4
8:04	3	1	4
8:05	3	1	4
8:06	3	1	4
8:07	3	2	5
8:08	3	1	4

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 4858 Valley View Ave
 CITY: Yorba Linda

DAY: Thursday
 DATE: 4/6/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
8:09	3	0	3
8:10	3	1	4
8:11	3	2	5
8:12	3	2	5
8:13	3	2	5
8:14	1	2	3
8:15	0	2	2
8:16	1	3	4
8:17	1	2	3
8:18	1	2	3
8:19	2	1	3
8:20	2	1	3
8:21	3	1	4
8:22	4	0	4
8:23	3	1	4
8:24	4	0	4
8:25	4	0	4
8:26	4	0	4
8:27	3	1	4
8:28	3	3	6
8:29	3	2	5
8:30	2	2	4
8:31	1	2	3
8:32	2	1	3
8:33	3	2	5
8:34	3	2	5
8:35	3	3	6
8:36	3	3	6
8:37	3	2	5
8:38	4	0	4
8:39	4	0	4
8:40	4	0	4
8:41	3	0	3
8:42	3	1	4
8:43	3	1	4
8:44	1	1	2
8:45	1	2	3
8:46	3	0	3
8:47	3	1	4
8:48	1	4	5
8:49	2	2	4
8:50	3	1	4
8:51	3	0	3
8:52	3	1	4
8:53	4	0	4
8:54	4	0	4
8:55	4	1	5
8:56	4	1	5
8:57	4	1	5
8:58	3	1	4
8:59	4	0	4
9:00	1	2	3

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 4858 Valley View Ave
 CITY: Yorba Linda

DAY: Saturday
 DATE: 4/8/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
7:00	0	0	0
7:01	0	0	0
7:02	0	0	0
7:03	0	1	1
7:04	2	0	2
7:05	1	0	1
7:06	0	0	0
7:07	1	0	1
7:08	1	0	1
7:09	0	0	0
7:10	0	0	0
7:11	0	0	0
7:12	0	0	0
7:13	0	0	0
7:14	0	0	0
7:15	0	0	0
7:16	0	0	0
7:17	0	0	0
7:18	0	0	0
7:19	0	2	2
7:20	1	2	3
7:21	3	0	3
7:22	3	0	3
7:23	3	0	3
7:24	3	0	3
7:25	3	0	3
7:26	2	0	2
7:27	0	0	0
7:28	0	0	0
7:29	0	0	0
7:30	1	0	1
7:31	1	0	1
7:32	0	0	0
7:33	0	0	0
7:34	0	0	0
7:35	0	0	0
7:36	0	0	0
7:37	0	0	0
7:38	0	0	0
7:39	0	0	0
7:40	0	0	0
7:41	0	0	0
7:42	0	0	0
7:43	1	1	2
7:44	2	1	3
7:45	3	1	4
7:46	3	0	3
7:47	2	0	2
7:48	1	0	1
7:49	2	0	2
7:50	1	0	1
7:51	0	0	0
7:52	0	0	0
7:53	0	1	1
7:54	1	0	1
7:55	1	0	1
7:56	0	0	0
7:57	0	1	1
7:58	1	0	1
7:59	1	0	1
8:00	0	0	0
8:01	0	0	0
8:02	0	1	1
8:03	0	2	2
8:04	1	1	2
8:05	2	1	3
8:06	3	0	3
8:07	2	0	2
8:08	2	0	2

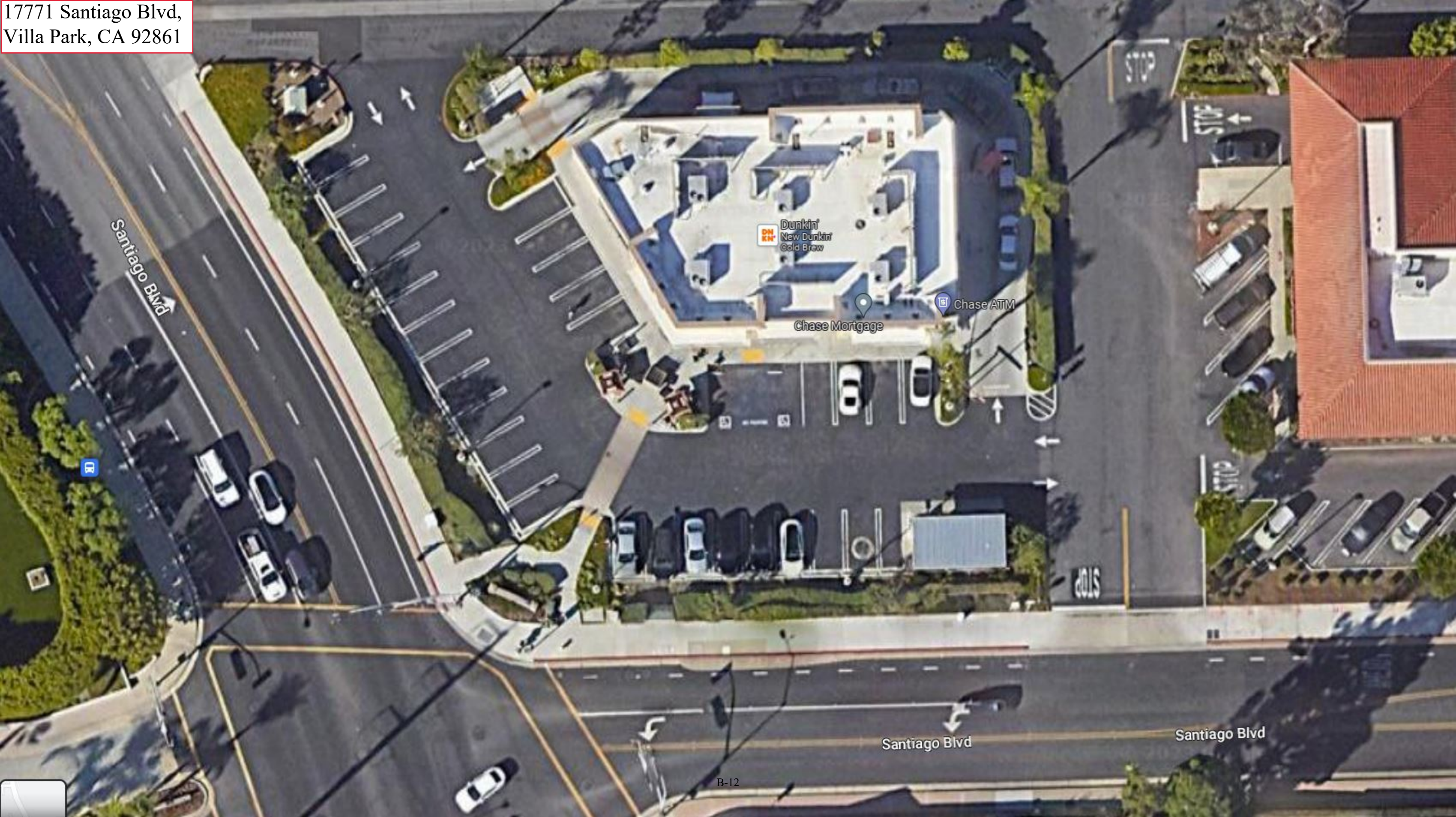
DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 4858 Valley View Ave
 CITY: Yorba Linda

DAY: Saturday
 DATE: 4/8/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
8:09	1	0	1
8:10	0	0	0
8:11	0	1	1
8:12	1	0	1
8:13	1	0	1
8:14	1	0	1
8:15	1	0	1
8:16	1	0	1
8:17	0	0	0
8:18	1	0	1
8:19	1	1	2
8:20	1	0	1
8:21	1	3	4
8:22	2	1	3
8:23	3	0	3
8:24	2	0	2
8:25	1	0	1
8:26	0	0	0
8:27	1	0	1
8:28	0	0	0
8:29	0	0	0
8:30	0	0	0
8:31	0	0	0
8:32	0	0	0
8:33	0	0	0
8:34	0	0	0
8:35	0	0	0
8:36	0	2	2
8:37	2	1	3
8:38	3	0	3
8:39	2	0	2
8:40	0	3	3
8:41	0	4	4
8:42	1	4	5
8:43	3	2	5
8:44	4	1	5
8:45	4	0	4
8:46	4	0	4
8:47	2	0	2
8:48	2	1	3
8:49	3	1	4
8:50	3	1	4
8:51	2	1	3
8:52	2	1	3
8:53	1	1	2
8:54	2	0	2
8:55	3	0	3
8:56	1	1	2
8:57	2	0	2
8:58	2	1	3
8:59	3	1	4
9:00	2	0	2

17771 Santiago Blvd,
Villa Park, CA 92861



Dunkin'
New Dunkin'
Cold Brew

Chase Mortgage

Chase ATM

Santiago Blvd

R

Santiago Blvd

Santiago Blvd

B-12

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 17771 Santiago Blvd
 CITY: Villa Park

DAY: Thursday
 DATE: 4/6/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
7:00	2	0	2
7:01	1	1	2
7:02	2	0	2
7:03	1	0	1
7:04	0	0	0
7:05	0	0	0
7:06	1	0	1
7:07	0	0	0
7:08	0	1	1
7:09	1	0	1
7:10	1	0	1
7:11	1	1	2
7:12	1	0	1
7:13	1	0	1
7:14	1	1	2
7:15	2	0	2
7:16	1	0	1
7:17	0	0	0
7:18	0	0	0
7:19	0	3	3
7:20	2	2	4
7:21	2	1	3
7:22	3	0	3
7:23	3	0	3
7:24	3	1	4
7:25	4	2	6
7:26	4	2	6
7:27	4	2	6
7:28	4	1	5
7:29	2	0	2
7:30	2	0	2
7:31	1	1	2
7:32	0	1	1
7:33	0	1	1
7:34	2	0	2
7:35	2	0	2
7:36	0	1	1
7:37	0	1	1
7:38	1	0	1
7:39	2	0	2
7:40	3	2	5
7:41	3	2	5
7:42	4	1	5
7:43	4	0	4
7:44	4	2	6
7:45	3	2	5
7:46	3	3	6
7:47	4	2	6
7:48	4	2	6
7:49	3	2	5
7:50	4	1	5
7:51	3	0	3
7:52	2	0	2
7:53	2	3	5
7:54	2	4	6
7:55	2	3	5
7:56	2	3	5
7:57	3	2	5
7:58	4	1	5
7:59	4	1	5
8:00	5	1	6
8:01	4	2	6
8:02	3	2	5
8:03	3	2	5
8:04	3	2	5
8:05	3	2	5
8:06	4	1	5
8:07	4	1	5
8:08	3	1	4

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 17771 Santiago Blvd
 CITY: Villa Park

DAY: Thursday
 DATE: 4/6/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
8:09	4	0	4
8:10	4	1	5
8:11	4	3	7
8:12	4	3	7
8:13	4	3	7
8:14	4	3	7
8:15	4	4	8
8:16	4	5	9
8:17	4	5	9
8:18	4	5	9
8:19	4	4	8
8:20	4	3	7
8:21	3	3	6
8:22	3	4	7
8:23	3	5	8
8:24	3	4	7
8:25	2	4	6
8:26	3	3	6
8:27	4	3	7
8:28	3	3	6
8:29	4	3	7
8:30	4	3	7
8:31	4	3	7
8:32	4	4	8
8:33	4	4	8
8:34	3	2	5
8:35	4	0	4
8:36	4	1	5
8:37	3	0	3
8:38	2	1	3
8:39	1	0	1
8:40	0	0	0
8:41	0	0	0
8:42	0	0	0
8:43	1	1	2
8:44	1	3	4
8:45	1	3	4
8:46	1	3	4
8:47	1	2	3
8:48	3	1	4
8:49	4	0	4
8:50	4	0	4
8:51	4	3	7
8:52	3	3	6
8:53	3	2	5
8:54	1	2	3
8:55	2	1	3
8:56	2	0	2
8:57	2	1	3
8:58	2	0	2
8:59	2	0	2
9:00	2	0	2

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 17771 Santiago Blvd
 CITY: Villa Park

DAY: Saturday
 DATE: 4/8/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
7:00	2	0	2
7:01	2	0	2
7:02	2	0	2
7:03	1	0	1
7:04	0	0	0
7:05	0	0	0
7:06	0	0	0
7:07	0	0	0
7:08	0	1	1
7:09	1	1	2
7:10	2	0	2
7:11	1	0	1
7:12	0	0	0
7:13	0	0	0
7:14	0	1	1
7:15	1	0	1
7:16	1	0	1
7:17	1	1	2
7:18	1	0	1
7:19	1	0	1
7:20	1	0	1
7:21	1	0	1
7:22	0	0	0
7:23	0	0	0
7:24	0	0	0
7:25	0	0	0
7:26	0	0	0
7:27	0	0	0
7:28	0	0	0
7:29	0	1	1
7:30	1	0	1
7:31	1	0	1
7:32	0	0	0
7:33	0	0	0
7:34	0	1	1
7:35	0	1	1
7:36	1	1	2
7:37	2	0	2
7:38	2	1	3
7:39	2	1	3
7:40	3	1	4
7:41	3	1	4
7:42	4	0	4
7:43	3	0	3
7:44	2	0	2
7:45	1	1	2
7:46	1	1	2
7:47	1	0	1
7:48	2	0	2
7:49	0	0	0
7:50	0	2	2
7:51	0	2	2
7:52	2	0	2
7:53	0	0	0
7:54	0	1	1
7:55	1	1	2
7:56	2	2	4
7:57	4	2	6
7:58	3	2	5
7:59	3	1	4
8:00	3	0	3
8:01	2	0	2
8:02	1	0	1
8:03	0	1	1
8:04	1	1	2
8:05	0	3	3
8:06	1	2	3
8:07	1	2	3
8:08	1	2	3

DRIVE THRU SURVEY

LOCATION: Dunkin Donuts, 17771 Santiago Blvd
 CITY: Villa Park

DAY: Saturday
 DATE: 4/8/2023

TIME	PickUp Window To Order Menu	Order Menu to Back of Queue	Both Queues Combined
8:09	2	1	3
8:10	3	0	3
8:11	2	0	2
8:12	3	1	4
8:13	4	0	4
8:14	3	3	6
8:15	3	2	5
8:16	3	2	5
8:17	3	2	5
8:18	4	0	4
8:19	4	0	4
8:20	3	0	3
8:21	3	2	5
8:22	4	1	5
8:23	3	1	4
8:24	2	1	3
8:25	2	0	2
8:26	2	0	2
8:27	2	0	2
8:28	1	0	1
8:29	1	1	2
8:30	2	1	3
8:31	1	1	2
8:32	2	0	2
8:33	1	0	1
8:34	0	0	0
8:35	0	0	0
8:36	0	0	0
8:37	0	0	0
8:38	0	1	1
8:39	0	1	1
8:40	1	0	1
8:41	0	1	1
8:42	1	0	1
8:43	0	0	0
8:44	0	0	0
8:45	0	0	0
8:46	0	0	0
8:47	0	0	0
8:48	0	1	1
8:49	1	1	2
8:50	2	1	3
8:51	2	0	2
8:52	1	1	2
8:53	1	1	2
8:54	1	2	3
8:55	1	1	2
8:56	2	0	2
8:57	2	0	2
8:58	1	0	1
8:59	0	1	1
9:00	1	0	1