HIDDEN CREEK COMMUNITY DEVELOPMENT DISTRICT

Advanced Meeting Package

Regular Meeting

Date/Time: Friday, April 1, 2022 10:00 A.M.

Location: Hilton Garden Inn 4328 Garden Vista Drive Riverview, Florida

Note: The Advanced Meeting Package is a working document and thus all materials are considered <u>DRAFTS</u> prior to presentation and Board acceptance, approval or adoption.

Hidden Creek Community Development District

c/o Breeze 1540 International Parkway, Suite 2000 Lake Mary, FL 32745 813-564-7847

Board of Supervisors Hidden Creek Community Development District

Dear Supervisors:

A Meeting of the Board of Supervisors of the Hidden Creek Community Development District is scheduled for Friday, April 1, 2022 at 10:00 A.M. at the Hilton Garden Inn, 4328 Garden Vista Drive, Riverview, FL

The advanced copy of the agenda for the meeting is attached along with associated documentation for your review and consideration. Any additional support material will be distributed at the meeting.

The agenda items are for immediate business purposes and for the health and safety of the community. Staff will present any reports at the meeting. If you have any questions, please contact me. I look forward to seeing you there.

Sincerely,

Patricia Thibault

Patricia Thibault District Manager 813-564-7847

CC: Attorney Engineer

District Records

District: HIDDEN CREEK COMMUNITY DEVELOPMENT DISTRICT

Date of Meeting: Friday, April 1, 2022

Time: 10:00 A.M.

Location: Hilton Garden Inn

4328 Garden Vista Drive

Riverview, Florida

Dial In: 312 626 6799 **Meeting ID:** 835 5785 5157

Passcode: 321464

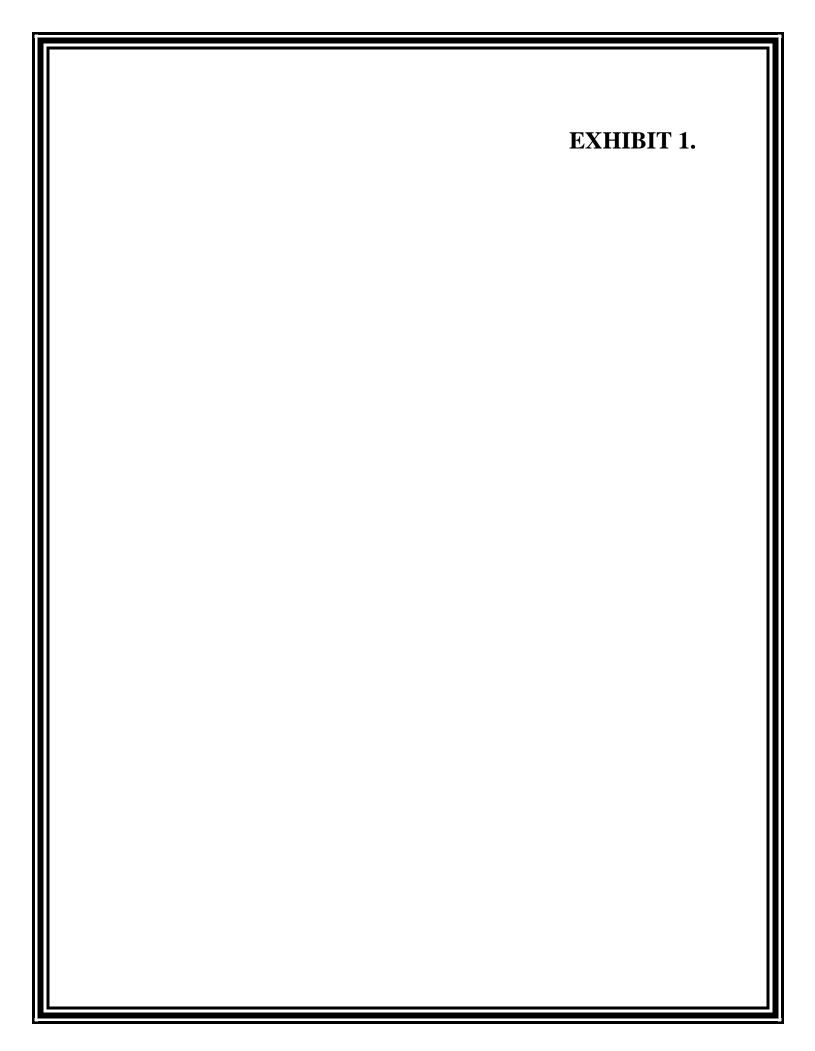
Agenda

For the full agenda packet, please contact: patricia@breezehome.com

- I. Roll Call
- **II.** Audience Comments (limited to 3 minutes per individual on agenda items)
- III. Administrative Items
 - A. Consideration of Road Maintenance Cost Sharing Agreement

Exhibit 1

- IV. Staff Reports
 - A. District Manager
 - B. District Attorney
 - C. District Engineer
- V. Audience Comments New Business (limited to 3 minutes per individual)
- VI. Supervisor Requests
- VII. Adjournment



ROAD MAINTENANCE COST SHARING AGREEMENT

THIS AGREEMENT is made effective as of the 1st day of April, 2022, by and between the Hidden Creek Community Development District, a special-purpose unit of local government created and existing pursuant to Chapter 190, Florida Statutes("**District**") and Southshore Bay Club, LLC, a Florida limited liability company ("**Southshore Bay Club**").

RECITALS:

- A. District is the owner of lands within the District, including a portion of the District's major roadway, Lagoon Shore Boulevard (the "**District Road**") and Southshore Bay Club is the owner of the lagoon property located on the District Road.
 - B. District is responsible for the maintenance of the District Road.
- C. Southshore Bay Club and District desire to proportionally share in the future cost of the roadway milling and resurfacing maintenance of the District Road, for the benefit of all residents of the District and Southshore Bay Club owners.
 - D. District possesses experience arranging for and maintaining the District Road.
- F. Southshore Bay Club has sufficient funds available to contribute to the future roadway milling and resurfacing maintenance of the District Road.
- G. District and Southshore Bay Club desire to enter into an agreement whereby the Southshore Bay Club contributes funds toward the future roadway milling and resurfacing maintenance of the District Road, and the District is principally responsible for maintaining the District Road.
- H. The District's engineer has determined the proportionate share of the future roadway milling and resurfacing maintenance costs that Southshore Bay Club should contribute as provided in **Exhibit "A"**, attached hereto and incorporated herein.
- **NOW THEREFORE,** in consideration of the above-stated recitals and other good and valuable consideration, the receipt and sufficiency of which is acknowledged by each of the parties hereto, District and Southshore Bay Club agree as follows:
- 1. <u>Recitals Confirmed.</u> The parties confirm that the above stated recitals are true and correct.
- 2. <u>District Road Maintenance Contribution</u>. The parties acknowledge that it is in the best interest of the residents and property owners in the District and Southshore Bay Club to maintain the District Road. Commencing with the District's 2022/2023 Fiscal Year, Southshore Bay Club shall contribute to the District, for the maintenance of the District Road, an amount equal to ten percent (10%) of the District's future roadway milling and resurfacing maintenance costs, as set forth in the District's adopted budget for each fiscal year. The District shall be responsible for contracting for the maintenance of the District Road.

- 3. <u>Term and Termination.</u> The initial term of this Agreement shall be fifteen (15) years from the Effective Date (the "**Initial Term**"). After the Initial Term, this Agreement shall automatically renew for additional five (5)-year terms unless terminated as provided herein. After the Initial Term, the District and Southshore Bay Club shall each have the right to terminate this Agreement upon not less than one hundred eighty (180) days written notice before the District's next fiscal year with or without cause. Upon termination, the District and Southshore Bay Club shall account to each other with respect to all matters outstanding as of the date of termination.
- 4. <u>Negotiation at Arm's Length.</u> This Agreement has been negotiated fully between the parties as an arm's length transaction. The Parties participated fully in the preparation of this Agreement and received the advice of counsel. In the case of a dispute concerning the interpretation of any provision of this Agreement, all Parties are deemed to have drafted, chosen and selected the language, and the doubtful language will not be interpreted or construed against any Party.
- 5. <u>Amendment.</u> Amendments to and waivers of the provisions contained in this Agreement may be made only by an instrument in writing which is executed by both of the parties hereto.
- 6. <u>Authority to Contract.</u> The execution of this Agreement has been duly authorized by the appropriate body or official of all parties hereto, each party has complied with all the requirements of law, and each party has full power and authority to comply with the terms and provisions of this instrument.
- 7. <u>Notices.</u> All notices, requests, consents and other communications hereunder ("**Notices**") shall be in writing and shall be delivered, mailed by Federal Express or First Class Mail, postage prepaid, to the parties, as follows:
 - A. If to Southshore Bay Club

Southshore Bay Club, LLC

2502 N. Rocky Point Drive, Suite 1050

Tampa, Florida 33607

B. If to District: Hidden Creek Community

Development District

1540 International Parkway, Ste. 2000

Lake Mary, Florida 32746

With a copy to:

Straley Robin Vericker P.A.

1510 W. Cleveland St. Tampa, Florida 33606

8. <u>Applicable Law</u>. This Agreement and the provisions contained herein shall be construed, interpreted and controlled according to the laws of the State of Florida with venue in Hillsborough County, Florida.

- 9. <u>Enforcement.</u> A default by either party under this Agreement shall entitle the other party to all remedies available at law or in equity, which shall include, but not be limited to, the right of damages, injunctive relief and specific performance.
- 10. <u>Interest and Attorneys' Fees.</u> Any payment due from Southshore Bay Club to District shall bear interest at the highest permissible rate of interest under the laws of the State of Florida, from the date such payment is due pursuant to this Agreement. In the event either party is required to enforce this Agreement or any provision hereof through court proceedings or otherwise, the prevailing party shall be entitled to recover from the non-prevailing party all fees and costs incurred, including but not limited to reasonable attorneys' fees incurred prior to or during any litigation or other dispute resolution, and including fees incurred in appellate proceedings.
- 11. <u>Assignment.</u> This Agreement may not be assigned, in whole or in part, by either party without the prior written consent of the other. Any purported assignment without such approval shall be void.
- 12. <u>Limitations on Governmental Liability</u>. Nothing in this Agreement shall be deemed as a waiver of immunity or limits of liability of Southshore Bay Club beyond any statutory limited waiver of immunity or limits of liability which may have been adopted by the Florida Legislature in Section 768.28, Florida Statutes or other statute, and nothing in this Agreement shall inure to the benefit of any third party for the purpose of allowing any claim which would otherwise be barred under the Doctrine of Sovereign Immunity or by operation of law.
- 13. <u>Binding Effect; No Third Party Beneficiaries.</u> The terms and provisions hereof shall be binding upon and shall inure to the benefit of District and Southshore Bay Club. This Agreement is solely for the benefit of the formal parties herein and no right or cause of action shall accrue upon or by reason hereof, to or for the benefit of any third party not a formal party hereto. Nothing in this Agreement expressed or implied is intended or shall be construed to confer upon any person or corporation other than the parties hereto any right, remedy or claim under or by reason of this Agreement or any provisions or conditions hereof; and all of the provisions, representations, covenants and conditions herein contained shall inure to the sole benefit of and shall be binding upon the parties hereto and their respective representatives, successors and assigns.
- 14. <u>Entire Agreement.</u> This Agreement constitutes the entire agreement between the parties with respect to its subject matter and all antecedent and contemporaneous negotiations, undertakings, representations, warranties, inducements and obligations are merged into this Agreement and superseded by its delivery. No provision of this Agreement may be amended, waived or modified unless the same is set forth in writing and signed by each of the parties to this Agreement, or their respective successors or assigns.
- 15. Execution in Counterparts. This instrument may be executed in any number of counterparts, each of which, when executed and delivered, shall constitute an original, and such counterparts together shall constitute one and the same instrument. Signature and acknowledgment pages, if any, may be detached from the counterparts and attached to a single copy of this document to physically form one document.

- Bay Club shall (a) keep and maintain public records required by the District in order to perform the service, (b) upon request from the District's custodian of public records, provide the District with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by law, (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Southshore Bay Club does not transfer the records to District, (d) meet all requirements for retaining public records and transfer, at no cost, to the District all public records in possession of the Southshore Bay Club upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the District in a format that is compatible with the information technology systems of the District.
- IF SOUTHSHORE BAY CLUB HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO SOUTHSHORE BAY CLUB'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT 813-564-7847, PATRICIA @BREEZEHOME.COM, OR AT 1540 INTERNATIONAL PARKWAY, STE. 2000, LAKE MARY, FLORIDA, 32746.

IN WITNESS WHEREOF, District and Southshore Bay Club have each caused their duly authorized officers to execute this Agreement as of the date and year first above-written.

HIDDEN CREEK COMMUNITY	SOUTHSHORE BAY CLUB, LLC
DEVELOPMENT DISTRICT	
	By:
	Name:
By:	Title:
Michael Lawson	
Chairman of the Board of Supervisors	

Exhibit "A"



Stantec Consulting Services Inc.

777 S Harbour Island Boulevard, Suite 600 Tampa FL 33602-5729

March 7, 2022

Project/File: 215611773

Hidden Creek Community Development District

Attn: Board of Supervisors 1540 International Parkway Suite 2000 Lake Mary, FL 32746

Dear Board of Supervisors,

Reference: Hidden Creek CDD

As the District Engineer for the Hidden Creek Community Development District, based on our review of the enclosed Transportation Assessment College Avenue prepared by Lincks & Associates, Inc. dated August 3, 2021, we recommend that Southshore Bay Club, LLC contributes ten percent (10%) as its share towards the future roadway milling and resurfacing maintenance costs of Lagoon Shore Boulevard.

Please contact me if you have any questions or need additional information.

Regands,

Tonja L. Stewart, P.E.

Senior Project Manager, Civil Engineering

Phone: (813) 223-9500 tonja.stewart@stantec.com

TRANSPORTATION ASSESSMENT

COLLEGE AVENUE

Prepared For

METRO DEVELOPMENT GROUP

Prepared By



TRANSPORTATION ASSESSMENT COLLEGE AVENUE

Prepared For

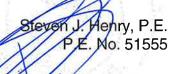
METRO DEVELOPMENT GROUP

Prepared By

LINCKS & ASSOCIATES, INC.
5023 West Laurel Street
Tampa, Florida 33607
813-289-0039
State of Florida Authorization No. EB0004638

Revised August, 2021 January, 2021

Project No. 19182



Date



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INTRODUCTION

The purpose of this report is to provide the Transportation Assessment in conjunction with the modification of the Planned Development (PD) zoning for the property located west of West Lake Drive and south of SR 674 in Hillsborough County, Florida, as shown in Figure 1. The subject property is currently zoned PD to allow 940 residential dwelling units with up to 450 multi-family dwelling units. For the purpose of the analysis the following land uses were evaluated:

- 490 Single Family Homes
- 225 Townhomes
- 225 Multi-Family Dwelling Units

The developer proposes to modify the PD to allow the following land uses:

- 305 Single Family Homes Traditional
- 340 Townhomes Traditional
- 135 Single Family Detached Age Restricted
- 60 Single Family Attached Age Restricted
- Crystal Lagoon

This assessment will provide a trip generation comparison of the current approved land uses to the proposed development plan.

ESTIMATED DAILY PROJECT TRAFFIC

The trip generation utilized in this report was estimated based on data contained in the ITE <u>Trip Generation Manual</u>, 10th Edition, 2017. As shown in Table 1, the approved land uses are estimated to generate 7,371 daily trip ends. Whereas, the land uses within the proposed development plan would generate 6,878 daily trip ends for a net decrease of 493 daily trip ends, as shown in Table 1.



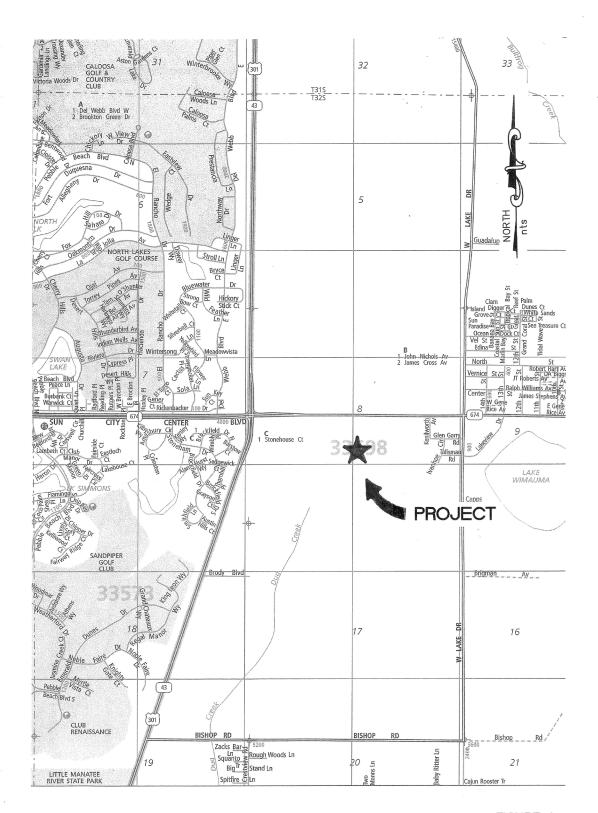


FIGURE 1
PROJECT LOCATION



TABLE 1

PROJECT TRAFFIC COMPARISON

Hour (1) Total	467	122	<u>96</u>	685	296	176	61	16	8	629	26
PM Peak Hour Trip Ends (1)	173	45	37	255	110	92	24	7	63	269	×14×
A 보	294	77	20	430	186	11	37	6	17	360	20
Hour (1) Total	353	103	<u> </u>	532	221	153	51	12	23	460	72
AM Peak Hour Trip Ends (1) In Out Tota	265	79	<u> 26</u>	400	166	118	8	∞	7	333	29
AMA	88	24	<u>20</u>	132	22	35	17	4	16	127	2
Daily Trip Ends (1)	4,487	1,660	1,224	7,371	2,901	2,530	929	222	649	6,878	493
Size	490 DU's	225 DU's	225 DU's	Sub-total	305 DU's	340 DU's	135 DU's	60 DU's	286 Spaces	Sub-total	Difference
	210	220	221		210	220	251	252	482		
Land <u>Use</u>	Single Family	Townhomes	Multi-Family		Single Family - Traditional	Townhomes - Traditional	Single Family Detached - Age - Restricted	Single Family Attached - Age - Restricted	Crystal Lagoon		
Scenario	Approved				Proposed						

(1) Source: ITE <u>Trip Generation Manual</u>, 10th Edition, 2017.



ESTIMATED AM PEAK HOUR PROJECT TRAFFIC

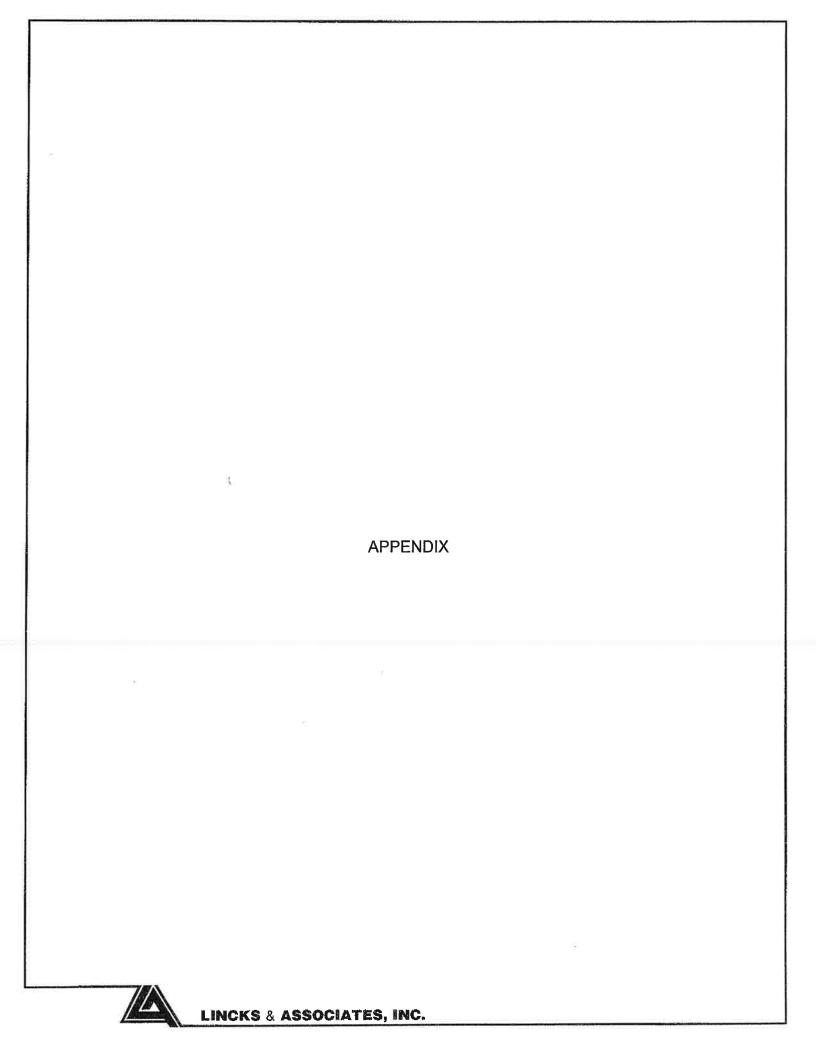
Based on data contained in the ITE <u>Trip Generation Manual</u>, 10th Edition, 2017, the approved land uses are estimated to generate 532 trip ends during the AM peak hour with 132 inbound and 400 outbound. Whereas, the land uses within the proposed development plan are estimated to generate 460 trip ends during the AM peak hour with 127 inbound and 333 outbound, which results in a net decrease of 72 AM peak hour trip ends, as shown in Table 1.

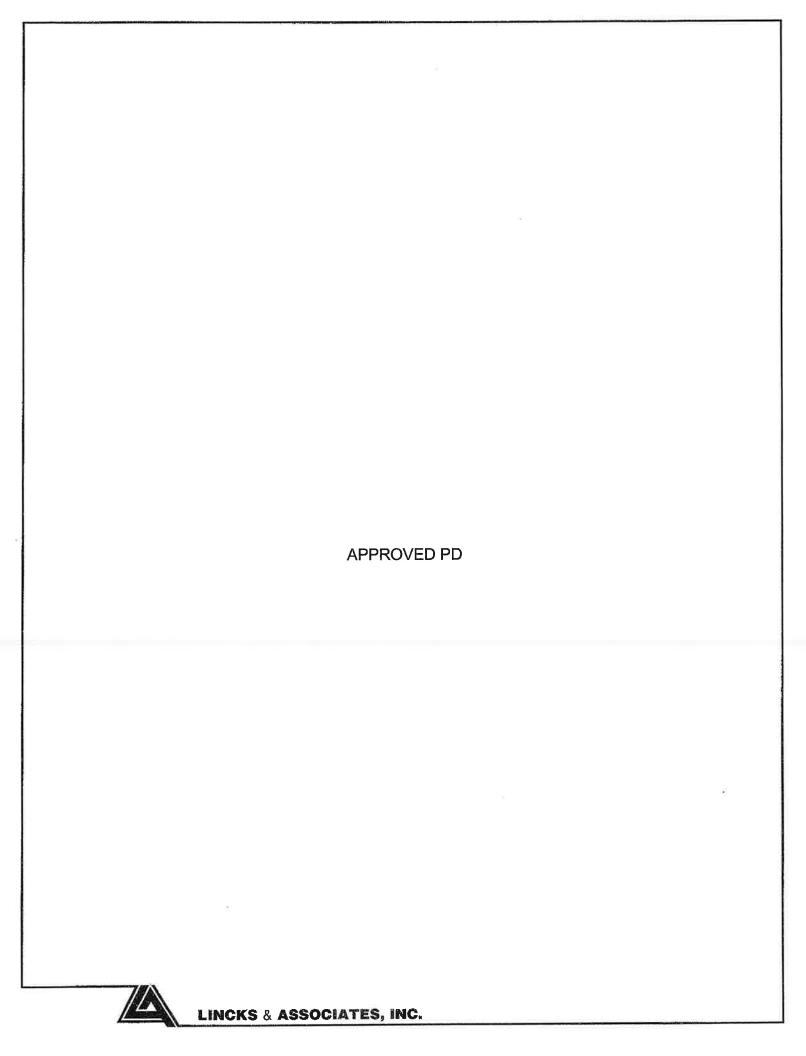
ESTIMATED PM PEAK HOUR PROJECT TRAFFIC

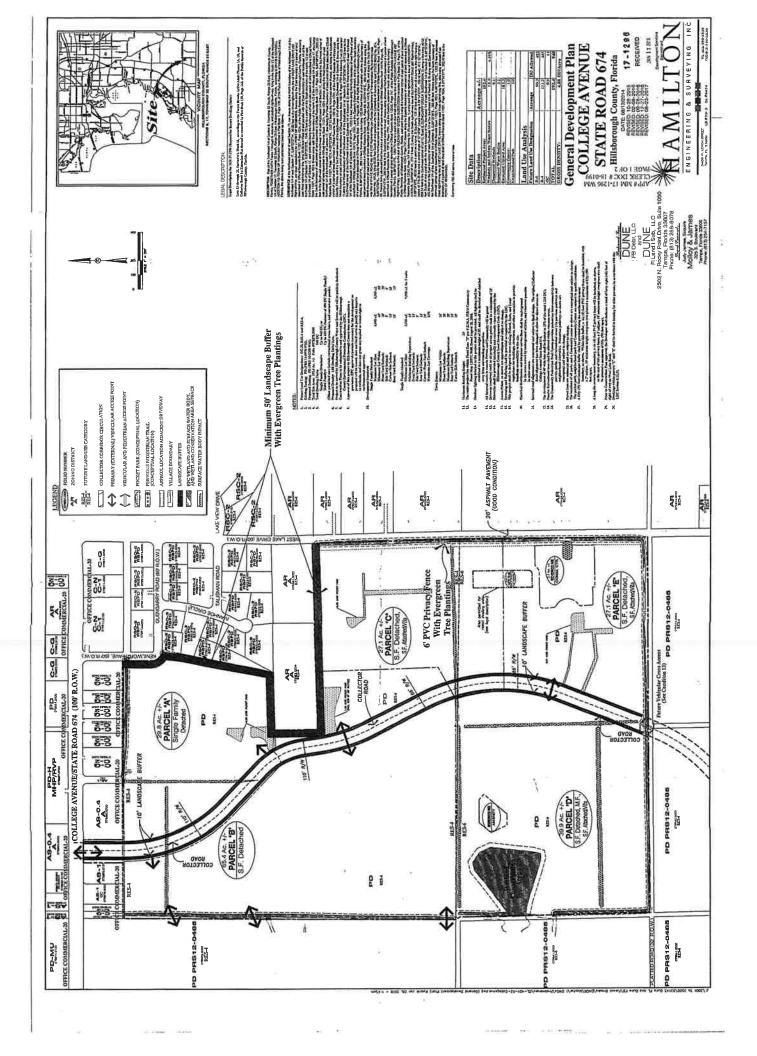
Based on data contained in the ITE <u>Trip Generation Manual</u>, 10th Edition, 2017, the approved land uses are estimated to generate 685 trip ends during the PM peak hour with 430 inbound and 255 outbound. Whereas, the land uses within the proposed development plan are estimated to generate 629 trip ends during the PM peak hour with 360 inbound and 269 outbound, which results in a net decrease of 56 PM peak hour trip ends, as shown in Table 1.

CONCLUSION

As shown in Table 1, the land uses based on the proposed development plan would generate less traffic than the approved land uses. Therefore, a detailed analysis is not required.







HILLSTOROUGH COUNTY, TLORIDA PD to PD PERSONNEL PROSESTS - ANA STATISC WANTED DE COSES ZUM BEARING DATE ______ Homeway 20, 2017 DECC ALCCUNG DATE. (amazey 21, 2018) This is to certify that this Site Development Plan has been reviewed by the Board of County Communitoriosets and the following action taken __X_APPROVED WITH CONDITIONS AS NOTED and stocked to CHARRAIAN, BOTON OF COUNTY CONTRINSIONERS ATTEST BEFORE CLORE
PATTERNS
CLERK OF THE CIRCUIT COURT 2/8/2018 DATE DOCUMENT NO. 18-0199

FINAL CONDITIONS OF APPROVAL

PETITION NUMBER: MM 17-12% W: MEETING DATE: January 23, 2018 DATE TYPED January 23, 2018

6 Townhome uses shall be developed in accordance with the following

Minimum let widthe 14 feet 27 let 11 | 11 feet 12 | 27 let 11 | 12 let 12 | 27 let 11 | 27 let 12 | 27 let 12 | 27 let 13 | 27 let 14 | 27

- Access to the proposity shows as falls TRANDOOD (to the west of the nontrivious scalenor which is customy foil in TRATE (1900) and fails 78880 1200 (to the east side of the nontrivious collection) may be available, subject to the agreement of both property waters.
 - 7.1 For lots abstâting the zonhifeouith collector read, acreening shall consist of a site food ferrice or landscraping consistent with Section 8.06 for 4. Screening is not required in those areas where even spaces made retenting poods with a midirarun within 4.09 feet alast the resultivastic redieter read. This involvaping shall be maintained by the hose converte associated or shrinker only.
 - A 6-foot PVC force shall be provided along the eastern project broundary adjacent to West Lake Drive in shown so the sike plan. To the cast of said force, the developer hall install landscaping in include the expertent rese 16-foct all at time of planting, with a minimum 2- toch caffeer, planted on 94-foot centers. This landscaping shall be mutatizated by the lomerousers averagiation or shallfare.
 - A 50-foot wide buffer shall be provided along the certainn beambay adjacent to AR zored property or well as along the easieum project loandary adjacents as resident in a state of the control of the con
- Purcels shall be located as generally shown on the site plan Prior to Preliminary Site Plan Plat approval for Parcels II or O, the developer shall determine the type and location of brust og for
- Two neighborhood parks and a community center shall be provided in the focation as generally shown on the site plan and shall contain the missimum arrange of upland as shown
- A minimum of 3 seets of uplands shall be afferded for pocket packs within the project and each pocket park shall constain a minimum of one-high gere. Floor pocket parks shall be leatned as shown on the rise plan. Where pocket packs are consipasint with the resulted 50-foot landscape buffer a maximum, of 50 process of shall buffer may essent towards memory the

OF APPROVAL

PETITION NUMBER: AIM 17-1296 WM MEGTING DATE January 23, 2018 DATE TYPED: January 23, 2018

- Telly would likely result in the corresponder and dedication of an estimated elaborate (11) feet of ROW
- ROW
 As an alternative to the Moster Rendincy Flan depicted on the General Site Flan, the developer
 shall have the shifts in design as alternative intenset rendance spaces which corresponds to confineding of sufficient tends, because that shifts a good space in their correcpients is shituative, the developer shall submit no alternative Mostel Brooking Flan Identifying the intensed industry, acceptance, as an industry of the State State State State State State intense and the space of the state State
- reprieved, the developer shall unbias a recision common means are more table to appear to the property of the common and the small of the property of the common and the co
- The type, location, who and outside of figure permitted shall be as set forth in Part 7 03 00 of the Land Development Code with the fellowing exception(s).
 - 19 | Ground Signa shall be Umited to Monument Signa
 - 19.2 Hillboards, pennants and hamters shall be prohibited
- Approval of this application does not ensure that water will be available at the time when the applicant seeks permits to actually develop.
- If the names and/or graphic on the site plan are in conflict with specific zaming conditions und/or the Land Development Code (LDC) regulations, the name restrictive regulation shall apply unless specifically conditioned otherwise References to development standards of the

Per 4eCl

PITTITION NI/MIDER MM 17-1296 W MEETING DATE January 23, 2018 DATE TYPED Jamury 23, 2018 DINAL CONDITIONS OF APPROVAL

Appearal - Appearal, subject in the conditions listed below, is based on the greens are plan unbmitted (stender 31, 2017)

- The project shall be permitted a maximum of 940 dwelling units Of the total units permitted, a maximum of 450 meter may be developed as multi-family/tensheme units subject to the conditions amounted better. Dwelling within Parcel C and E shall be limited to Housing for Older Peterns in recordance with the LDC Section 6.1154.
 - 1.1 Reson Dwelling Units may be permissed within Farest II. The maximum monther of Resont Dwelling Units shall be Innited to 12 and shall be developed in accordance with the LISC Sections 3.21 GF and 3.21 EA H through H.
- Single family conventional development shall be developed in accordance with the following

Minimum lot size 4,000 square fect
Minimum lot sizide 40 fect
Fromtifers year disthests 20 feet (1)
Hoar year disthests 15 feet
Mizelmum brildings belgain 55 feet
Mizelmum brildings belgain 55 feet
10 feet year distributioning as sall be year shall be permitted at 10 feet

- A maximum of 25% of the total angle-family described units shall consist of first text by 25% of the total angle-family described units shall consist of first text by 25% of text first units a low ships of 150 at 180 at
- Single-family attached/silla uses shall be developed with the following

Minimum lot size J.500 square feet per unit Minimum lot sizh Minimum lot s

Multi-family uses shall be developed in accordance with the following

Front yard setback: Rear yard setback Side yard setback Minimum bullding separation Maximum bullding separation 20 Feet 15 Feet 10 Feet 20 Feet 35 Feet

PETITION NUMBER: MM 17-1296 WS MEETING DATE: James 23, 2018 DATE TYPED, James 23, 2018 FINAL CONDITIONS OF APPROVAL

minimum pocket park acreage. Prior to Preliminary Plan approval, the location and size of any additional packet parks shall be shown on the site plan.

- The developer shall perside a pedestrian system of sidernalss analise stabilized pulmays, a minimum of 5 fest mids, throughout the prieject while disease consections from the prediction pulmbiddensits in the regisformion pulsa, restation such as a schome on the site plan, community control, pocket pack, and summey each Farest visible the project. The prediction pulmbiddensits system and be indirected on the plan pieces to religiously referred to the project of the project.
- The hieration of inserv that qualify as Ozaal Ozaa most be identified as the sub-Preliminary Plant's as part of the Site Development process. Site delays features to aver-censoral of analor adverse impacts to these trees are to be displayed on the sub-Preliminary Plant.
- 13 Approval of this naturing petition by Italiforousy's County does not constitute a guarantee that the instrumental Protection Countying appearants/perition recovery for the development as proposed will be instructed, each off force to jointly my inspoze to welfands, and does not great any implicit provided provided in the contraction of the provided reports of the contraction of the contract
- First to Community spread, the Developer shall provide a Hallic analysis, aloned by a Professional Disposite channing his length of the list made single for manner coeffect to according to the community of the
 - 14.1 Dual Northbound fells. Northbound tight on internal collector readway at SR 674.
 - 14.2 Eastbound right rum lane and Westbound left turn lane on SR 674 at project entrance.
 - 14.3 If warranted, a Northbround left on West Lake Road at Internal collector roadway project drive on Wertlake Boulevard,
 - 14. If warmsted, Eashboard earth et elft turn lane, through lase, and right turn lane on internal erdlector readiney at West, Labe limitered, unless the analy alrows that the through-right can accommedate project traffic, then the exclusive right shall not be required.
- All cross-secess shall be paved in the project brundary and designed to County standards. All bieself-epidesitian cross access shall be a hard pervious statices such as mulch, gravel, or pervision experience, it is perfectable that a weedee boundable serve as the connection. The bicycle-pedentian connection cannot be grass, thirt, or said.
- Point in Communicion Plan approval, the Developer shall deficize a total of fairp-ciple (48) for of night of way, on West Lake Road. The night of way, shall be dedicated in being the advantable sight-of-way up or Transportation Technical Missian Standards for a fit mph trust collector mobiles. Paglate-fixed, will be mesured filter the critical or the existing ROW.

Tare Section

PETITION NUMBER, MM 17-1196 WAI MEETING DATE - James 23, 2018 DATE TYPED: James 23, 2018 FINAL CONDITIONS OF APPROVAL

LDC in the above stated conditions shall be interpreted as the equilations in effect at the time of predictions size plant/slat approval

22 The development of the project shall proceed in sixter accordance with the opinic conditions considered in the three-lopment truler, the General Size Pian, the leadure conditions considered in the three-lopment truler, the General Size Pian, the leadure conditions are supplied better, and ill applicable rather, regulations, and entirences of a Hilbourshaph Cre

CLERK DOC # 18-0199 PAGE 2 OF 2



PERIOD SETTING

Analysis Name:

New Analysis

Project Name:

West Lake - Approved

Date:

1/16/2021

No:

State/Province:

City:

Zip/Postal Code: **Client Name:**

Country:

Edition: Analyst's Name:

Trip Gen Manual, 10th Ed

Land Use	Independent Variable	Size	Time Period	Method	Entry	Exit	Total
210 - Single-Family Detached Housing (General Urban/Suburban)	Dwelling Units	490	Weekday	Best Fit (LOG) Ln(T) = 0.92Ln(X) +2.71	2244 50%	2243 50%	4487
220 - Multifamily Housing (Low-Rise) (General Urban/Suburban)	Dwelling Units	225	Weekday	Best Fit (LIN) T = 7.56 (X)+-40.86	830 50%	830 50%	1660
221 - Multifamily Housing (Mid-Rise) (General Urban/Suburban)	Dwelling Units	225	Weekday	Best Fit (LIN) T = 5.45 (X)+-1.75	612 50%	612 50%	1224

TRAFFIC REDUCTIONS

Land Use	Entry Reduction	Adjusted Entry	Exit Reduction	Adjusted Exit
210 - Single-Family Detached Housing	0 %	2244	0 %	2243
220 - Multifamily Housing (Low-Rise)	0 %	830	0 %	830
221 - Multifamily Housing (Mid-Rise)	0 %	612	0 %	612

INTERNAL TRIPS

210 - 8	Single-Fam	ily Detached Ho	using			220 - Mui	ltifam	ily Housing (Low-Ris	se)
Exit	2243	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	830
Entry	2244	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	830
210 - Single-Family Detached Housing										
210-3	single-ram	ily Detached Ho	using			221 - Mu	iltitam	nily Housing	(Mid-Ris	se)
Exit	2243	ily Detached Ho Demand Exit:	using 0 %		Balanced:	Demand Entry:		•	(Mid-Ris	
	2243		0 %	(0)				(0)	-	

220 - Multifamily Housing (Low-Rise)

221 - Multifamily Housing (Mid-Rise)

Exit 830 Demand Exit: 0 % (0) Balanced: Demand Entry: 0 % (0) Entry 612

0

Entry 830 Demand Entry: 0 % (0) Balanced: Demand Exit: 0 % (0) Exit 612

210 - Single-Family Detached Housing

		Internal Trips			
	Total Trips	220 - Multifamily Housing (Low- Rise)	221 - Multifamily Housing (Mid-Rise)	Total	External Trips
Entry	2244 (100%)	0 (0%)	0 (0%)	0 (0%)	2244 (100%)
Exit	2243 (100%)	0 (0%)	0 (0%)	0 (0%)	2243 (100%)
Total	4487 (100%)	0 (0%)	0 (0%)	0 (0%)	4487 (100%)

220 - Multifamily Housing (Low-Rise)

		Internal Trips		External Trips	
Total Trips		210 - Single-Family Detached Housing	221 - Multifamily Housing (Mid-Rise)		
Entry	830 (100%)	0 (0%)	0 (0%)	0 (0%)	830 (100%)
Exit	830 (100%)	0 (0%)	0 (0%)	0 (0%)	830 (100%)
Total	1660 (100%)	0 (0%)	0 (0%)	0 (0%)	1660 (100%)

221 - Multifamily Housing (Mid-Rise)

		Internal Trips	VI-HALIMAN A CAREER SE			
	Total Trips	210 - Single-Family Detached Housing	220 - Multifamily Housing (Low- Rise)	Total	External Trips	
Entry	612 (100%)	0 (0%)	0 (0%)	0 (0%)	612 (100%)	
Exit	612 (100%)	0 (0%)	0 (0%)	0 (0%)	612 (100%)	
Total	1224 (100%)	0 (0%)	0 (0%)	0 (0%)	1224 (100%)	

EXTERNAL TRIPS

Land Use	External Trips	Pass-by%	Pass-by Trips	Non-pass-by Trips
210 - Single-Family Detached Housing	4487	0	0	4487
220 - Multifamily Housing (Low-Rise)	1660	0	0	1660
221 - Multifamily Housing (Mid-Rise)	1224	0	0	1224

ITE DEVIATION DETAILS

Weekday

Landuse No deviations from ITE.

Methods No deviations from ITE.

Weekday

External Trips

210 - Single-Family Detached Housing (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

220 - Multifamily Housing (Low-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

221 - Multifamily Housing (Mid-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

SUMMARY

Total Entering	3686
Total Exiting	3685
Total Entering Reduction	0
Total Exiting Reduction	0
Total Entering Internal Capture Reduction	0
Total Exiting Internal Capture Reduction	0
Total Entering Pass-by Reduction	0
Total Exiting Pass-by Reduction	0
Total Entering Non-Pass-by Trips	3686
Total Exiting Non-Pass-by Trips	3685

PERIOD SETTING

Analysis Name:

New Analysis

Project Name :

West Lake - Approved

Date:

1/16/2021

No : City:

State/Province:

City:

State/F10VIIICE

Zip/Postal Code:

Country:

Client Name:

Analyst's Name:

Edition:

Trip Gen Manual, 10th Ed

Land Use	Independent Variable	Size	Time Period	Method	Entry	Exit	Total
210 - Single-Family Detached Housing (General Urban/Suburban)	Dwelling Units	490	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Best Fit (LIN) T = 0.71 (X)+4.8	88 25%	265 75%	353
220 - Multifamily Housing (Low-Rise) (General Urban/Suburban)	Dwelling Units	225	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Best Fit (LOG) Ln(T) = 0.95Ln(X) +-0.51	24 23%	79 77%	103
221 - Multifamily Housing (Mid-Rise) (General Urban/Suburban)	Dwelling Units	225	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Best Fit (LOG) Ln(T) = 0.98Ln(X) +-0.98	20 26%	56 74%	76

TRAFFIC REDUCTIONS

Land Use	Entry Reduction	Adjusted Entry	Exit Reduction	Adjusted Exit
210 - Single-Family Detached Housing	0 %	88	0 %	265
220 - Multifamily Housing (Low-Rise)	0 %	24	0 %	79
221 - Multifamily Housing (Mid-Rise)	0 %	20	0 %	56

INTERNAL TRIPS

210 - Single-Fa	mily Detached Housing		220 - Multifamily Housing (Low-Rise)
Exit 265	Demand Exit: 0 % (0)	Balanced: 0	Demand Entry: 0 % (0) Entry 24
Entry 88	Demand Entry: 0 % (0)	Balanced: 0	Demand Exit: 0 % (0) Exit 79
210 - Single-Fa	mily Detached Housing	221 - Multifamily Housing (Mid-Rise)	
Exit 265	Demand Exit: 0 % (0)	Balanced:	Demand Entry: 0 % (0) Entry 20

Entry 88	Demand Entry: 0 % (0)	Balanced: 0	Demand Exit: 0 % (0)	Exit	56		
	5¥						
220 - Multifamily Housing (Low-Rise)			221 - Multifamily Housing (Mid-Rise)				

Exit	79	Demand Exit:	0 %	(0)	Balanced; 0	Demand Entry:	0 %	(0)	Entry	20
Entry	24	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	56

210 - Single-Family Detached Housing

		Internal Trips			
Total Trips		220 - Multifamily Housing (Low-Rise)	221 - Multifamily Housing (Mid-Rise)	Total	External Trips
Entry	88 (100%)	0 (0%)	0 (0%)	0 (0%)	88 (100%)
Exit	265 (100%)	0 (0%)	0 (0%)	0 (0%)	265 (100%)
Total	353 (100%)	0 (0%)	0 (0%)	0 (0%)	353 (100%)

220 - Multifamily Housing (Low-Rise)

	1	Internal Trips				
	Total Trips	210 - Single-Family Detached Housing	221 - Multifamily Housing (Mid-Rise)	Total	External Trips	
Entry	24 (100%)	0 (0%)	0 (0%)	0 (0%)	24 (100%)	
Exit	79 (100%)	0 (0%)	0 (0%)	0 (0%)	79 (100%)	
 Total	103 (100%)	0 (0%)	0 (0%)	0 (0%)	103 (100%)	

221 - Multifamily Housing (Mid-Rise)

		Internal Trips	l Trips			
	Total Trips	210 - Single-Family		Total	External Trips	
Entry	20 (100%)	0 (0%)	0 (0%)	0 (0%)	20 (100%)	
Exit	56 (100%)	0 (0%)	0 (0%)	0 (0%)	56 (100%)	
Total	76 (100%)	0 (0%)	0 (0%)	0 (0%)	76 (100%)	

EXTERNAL TRIPS

Land Use	External Trips	Pass-by%	Pass-by Trips	Non-pass-by Trips
210 - Single-Family Detached Housing	353	0	0	353
220 - Multifamily Housing (Low-Rise)	103	0	0	103
221 - Multifamily Housing (Mid-Rise)	76	0	0	76

ITE DEVIATION DETAILS

Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Landuse

No deviations from ITE.

Methods

No deviations from ITE.

External Trips

210 - Single-Family Detached Housing (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

220 - Multifamily Housing (Low-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

221 - Multifamily Housing (Mid-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

SUMMARY

Total Entering	132
Total Exiting	400
Total Entering Reduction	0
Total Exiting Reduction	0
Total Entering Internal Capture Reduction	0
Total Exiting Internal Capture Reduction	0
Total Entering Pass-by Reduction	0
Total Exiting Pass-by Reduction	0
Total Entering Non-Pass-by Trips	132
Total Exiting Non-Pass-by Trips	400

PERIOD SETTING

Analysis Name :

New Analysis

Project Name:

West Lake - Approved

Date:

1/16/2021

No: City:

State/Province:

Country:

Client Name:

Zip/Postal Code:

Analyst's Name:

Edition:

Trip Gen Manual, 10th Ed

Land Use	Independent Variable	Size	Time Period	Method	Entry	Exit	Total
210 - Single-Family Detached Housing (General Urban/Suburban)	Dwelling Units	490	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Best Fit (LOG) Ln(T) = 0.96Ln(X) +0.2	294 63%	173 37%	467
220 - Multifamily Housing (Low-Rise) (General Urban/Suburban)	Dwelling Units	225	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Best Fit (LOG) Ln(T) = 0.89Ln(X) +-0.02	77 63%	45 37%	122
221 - Multifamily Housing (Mid-Rise) (General Urban/Suburban)	Dwelling Units	225	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Best Fit (LOG) Ln(T) = 0.96Ln(X) +-0.63	59 61%	37 39%	96

TRAFFIC REDUCTIONS

Land Use	Entry Reduction	Adjusted Entry	Exit Reduction	Adjusted Exit
210 - Single-Family Detached Housing	0 %	294	0 %	173
220 - Multifamily Housing (Low-Rise)	0 %	77	0 %	45
221 - Multifamily Housing (Mid-Rise)	0 %	59	0 %	37

INTERNAL TRIPS

210 - Single	-Family Detached Housing		220 - Multifamily Housing (Low-Rise)
Exit 173	Demand Exit: 0 % (0)	Balanced: 0	Demand Entry: 0 % (0)	Entry 77
Entry 294	Demand Entry: 0 % (0)	Balanced: 0	Demand Exit: 0 % (0)	Exit 45
210 - Single	-Family Detached Housing	221 - Multifamily Housing	(Mid-Rise)	
Exit 173	Demand Exit: 0 % (0)	Balanced:	Demand Entry: 0 % (0)	Entry 59

0

Entry 294 Demand Entry: 0 % (0) Balanced: Demand Exit: 0 % (0) Exit 37

220 - Multifamily Housing (Low-Rise)

221 - Multifamily Housing (Mid-Rise)

 Exit
 45
 Demand Exit:
 0 % (0)
 Balanced:
 Demand Entry:
 0 % (0)
 Entry
 59

 Entry
 77
 Demand Entry:
 0 % (0)
 Balanced:
 Demand Exit:
 0 % (0)
 Exit
 37

210 - Single-Family Detached Housing

	Total Trips	Internal Trips	Internal Trips				
		220 - Multifamily Housing (Low-Rise)	221 - Multifamily Housing (Mid-Rise)	Total	External Trips		
Entry	294 (100%)	0 (0%)	0 (0%)	0 (0%)	294 (100%)		
Exit	173 (100%)	0 (0%)	0 (0%)	0 (0%)	173 (100%)		
Total	467 (100%)	0 (0%)	0 (0%)	0 (0%)	467 (100%)		

220 - Multifamily Housing (Low-Rise)

		Internal Trips	Internal Trips				
	Total Trips	210 - Single-Family Detached Housing	221 - Multifamily Housing (Mid-Rise)	Total	External Trips		
Entry	77 (100%)	0 (0%)	0 (0%)	0 (0%)	77 (100%)		
Exit	45 (100%)	0 (0%)	0 (0%)	0 (0%)	45 (100%)		
Total	122 (100%)	0 (0%)	0 (0%)	0 (0%)	122 (100%)		

221 - Multifamily Housing (Mid-Rise)

		Internal Trips	Internal Trips				
	Total Trips	210 - Single-Family Detached Housing	220 - Multifamily Housing (Low-Rise)	Total	External Trips		
Entry	59 (100%)	0 (0%)	0 (0%)	0 (0%)	59 (100%)		
Exit	37 (100%)	0 (0%)	0 (0%)	0 (0%)	37 (100%)		
Total	96 (100%)	0 (0%)	0 (0%)	0 (0%)	96 (100%)		

EXTERNAL TRIPS

Land Use	External Trips	Pass-by%	Pass-by Trips	Non-pass-by Trips
210 - Single-Family Detached Housing	467	0	0	467
220 - Multifamily Housing (Low-Rise)	122	0	0	122
221 - Multifamily Housing (Mid-Rise)	96	0	0	96

ITE DEVIATION DETAILS

Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Landuse

No deviations from ITE.

Methods

No deviations from ITE.

External Trips

210 - Single-Family Detached Housing (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

220 - Multifamily Housing (Low-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

221 - Multifamily Housing (Mid-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

SUMMARY

Total Entering		430
Total Exiting		255
Total Entering Reduction		0
Total Exiting Reduction		0
Total Entering Internal Capture Reduction		0
Total Exiting Internal Capture Reduction		0
Total Entering Pass-by Reduction		0
Total Exiting Pass-by Reduction	12	0
Total Entering Non-Pass-by Trips		430
Total Exiting Non-Pass-by Trips		255



PERIOD SETTING

Analysis Name:

New Analysis

Project Name:

West Lake - Proposed

No:

Date:

Country:

1/16/2021

City:

State/Province:

Zip/Postal Code:

Client Name:

Analyst's Name:

Edition:

Trip Gen Manual, 10th Ed

Land Use	Independent Variable	Size	Time Period	Method	Entry	Exit	Total
210 - Single-Family Detached Housing (General Urban/Suburban)	Dwelling Units	305	Weekday	Best Fit (LOG) Ln(T) = 0.92Ln(X) +2.71	1451 50%	1450 50%	2901
220 - Multifamily Housing (Low-Rise) (General Urban/Suburban)	Dwelling Units	340	Weekday	Best Fit (LIN) T = 7.56 (X)+-40.86	1265 50%	1265 50%	2530
251 - Senior Adult Housing - Detached (General Urban/Suburban)	Dwelling Units	135	Weekday	Average 4.27	288 50%	288 50%	576
252 - Senior Adult Housing - Attached (General Urban/Suburban)	Dwelling Units	60	Weekday	Average 3.7	111 50%	111 50%	222
482 - Water Slide Park (General Urban/Suburban)	Parking Spaces	286 ⁽⁰⁾	Weekday	Average 2.27	325 ⁽¹⁾ 50%	324 ⁽¹⁾ 50%	649 ⁽¹⁾

⁽⁰⁾ indicates size out of range.

TRAFFIC REDUCTIONS

Land Use	Entry Reduction	Adjusted Entry	Exit Reduction	Adjusted Exit
210 - Single-Family Detached Housing	0 %	1451	0 %	1450
220 - Multifamily Housing (Low-Rise)	0 %	1265	0 %	1265
251 - Senior Adult Housing - Detached	0 %	288	0 %	288
252 - Senior Adult Housing - Attached	0 %	111	0 %	111
482 - Water Slide Park	0 %	325	0 %	324

INTERNAL TRIPS

210 - Single-Family Detached Housing

220 - Multifamily Housing (Low-Rise)

Exit 1450

Demand Exit: 0 % (0)

Balanced:

Demand Entry: 0 % (0)

Entry 1265

0

⁽¹⁾ indicates small sample size, use carefully.

Entry	1451	Demand	l Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	1265
210 - Si	ingle-Fami	ly Detac	hed Ho	using			251 - Seni	or Adı	ult Housing	- Detach	ed
Exit	1450	Demand	Exit:	0 %	(0)	Balanced:	Demand Entry:	0 %	(0)	Entry	288
Entry	1451	Demand	I Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	288
210 - Si	ingle-Fami	ily Detac	hed Ho	using			252 - Seni	or Ad	ult Housing	y - Attach	ed
Exit	1450	Demand	i Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	111
Entry	1451	Demand	l Entry:	0 %	(0)	Balanced:	Demand Exit:	0 %	(0)	Exit	111
210 - S	ingle-Fami	ily Detac	hed Ho	using					482 - Wate	r Slide Pa	ark
Exit	1450	Demand	l Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	325
Entry	1451	Demand	d Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	324
220 - M	ultifamily	Housing	(Low-F	Rise)			251 - Seni	or Ad	ult Housing	- Detach	ed
Exit	1265	Demand	d Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	288
Entry	1265	Demand	d Entry:	0 %	(0)	Balanced:	Demand Exit:	0 %	(0)	Exit	288
220 - M	lultifamily	Housing	(Low-F	Rise)			252 - Seni	ior Ad	lult Housing	g - Attach	ed
Exit	1265	Demand	d Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	111
Entry	1265	Demand	d Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	111
220 - M	lultifamily	Housing	(Low-F	Rise)					482 - Wate	r Slide Pa	ark
Exit	1265	Demand	d Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	325
Entry	1265	Demand	d Entry:	0 %	(0)	Balanced:	Demand Exit:	0 %	(0)	Exit	324
				_		v	050 0		1. 14 11 !	_ A 44	
	enior Adu					Balanced:			lult Housin		
Exit	288	Demand		0 %	. ,	0 Balanced:	Demand Entry:		. ,	Entry	
Entry	288	Demand	l Entry:	0 %	(0)	0	Demand Exit:	0 %	(0)	Exit	111
251 - S	enior Adu	lt Housir	ng - Det	ached	i				482 - Wate	r Slide Pa	ark
Exit	288	Demand	d Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	325
Entry	288	Demano	d Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	324
252 - S	enior Adu	lt Housir	ng - Atta	ached					482 - Wate	r Slide P	ark
Exit	111	Demand	d Exit:	0 %	(0)	Balanced:	Demand Entry:	0 %	(0)	Entry	325
Entry	111	Demand	d Entry:	0 %	(0)	Balanced:	Demand Exit:	0 %	(0)	Exit	324
210 - 5	Single-Fam	ilv Deta	ched Hr	ousin	n .						
_ IU - C	Total Tr		Intern							External 1	Trips
									1		

		220 - Multifamily Housing (Low-Rise)	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	
Entry	1451 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1451 (100%)
Exit	1450 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1450 (100%)
Total	2901 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	2901 (100%)

220 - Multifamily Housing (Low-Rise)

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips
Entry	1265 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1265 (100%)
Exit	1265 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1265 (100%)
Total	2530 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	2530 (100%)

251 - Senior Adult Housing - Detached

	T 401 T 200	Internal Trips	Internal Trips						
		210 - Single- Family Detached Housing	220 - Multifamily Housing (Low-Rise)	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips		
Entry	288 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	288 (100%)		
Exit	288 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	288 (100%)		
Total	576 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	576 (100%)		

252 - Senior Adult Housing - Attached

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low-Rise)	251 - Senior Adult Housing - Detached	482 - Water Slide Park	Total	External Trips
Entry	111 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	111 (100%)
Exit	111 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	111 (100%)
Total	222 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	222 (100%)

482 - Water Slide Park

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low-Rise)	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	Total	External Trips
Entry	325 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	325 (100%)
Exit	324 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	324 (100%)
Total	649 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	649 (100%)

Land Use	External Trips	Pass-by%	Pass-by Trips	Non-pass-by Trips
210 - Single-Family Detached Housing	2901	0	0	2901
220 - Multifamily Housing (Low-Rise)	2530	0	0	2530
251 - Senior Adult Housing - Detached	576	0	0	576
252 - Senior Adult Housing - Attached	222	0	0	222
482 - Water Slide Park	649	0	0	649

ITE DEVIATION DETAILS

Weekday

Landuse

No deviations from ITE.

Methods

No deviations from ITE.

External Trips

210 - Single-Family Detached Housing (General Urban/Suburban)

ITE does not recommend a particular pass-by% for this case.

220 - Multifamily Housing (Low-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

251 - Senior Adult Housing - Detached (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

252 - Senior Adult Housing - Attached (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

482 - Water Slide Park (General Urban/Suburban)

ITE does not recommend a particular pass-by% for this case.

SUMMARY

Total Entering	3440
Total Exiting	3438
Total Entering Reduction	0
Total Exiting Reduction	0
Total Entering Internal Capture Reduction	0
Total Exiting Internal Capture Reduction	0
Total Entering Pass-by Reduction	0
Total Exiting Pass-by Reduction	0
Total Entering Non-Pass-by Trips	3440
Total Exiting Non-Pass-by Trips	3438

PERIOD SETTING

Analysis Name:

New Analysis

Project Name:

West Lake - Proposed

1/16/2021

No:

State/Province:

City:

Country:

Date:

Zip/Postal Code: **Client Name:**

Analyst's Name:

Edition:

Trip Gen Manual, 10th Ed

Land Use	Independent Variable	Size	Time Period	Method	Entry	Exit	Total
210 - Single-Family Detached Housing (General Urban/Suburban)	Dwelling Units	305	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Best Fit (LIN) T = 0.71 (X)+4.8	55 25%	166 75%	221
220 - Multifamily Housing (Low-Rise) (General Urban/Suburban)	Dwelling Units	340	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Best Fit (LOG) Ln(T) = 0.95Ln(X) +-0.51	35 23%	118 77%	153
251 - Senior Adult Housing - Detached (General Urban/Suburban)	Dwelling Units	135	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Best Fit (LOG) Ln(T) = 0.76Ln(X) +0.21	17 33%	34 67%	51
252 - Senior Adult Housing - Attached (General Urban/Suburban)	Dwelling Units	60	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Average 0.2	4 33%	8 67%	12
482 - Water Slide Park (General Urban/Suburban)	Parking Spaces	286 ⁽⁰⁾	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.	Average 0.08	16 ⁽¹⁾ 70%	7 ⁽¹⁾ 30%	23 ⁽¹⁾

TRAFFIC REDUCTIONS

Land Use	Entry Reduction	Adjusted Entry	Exit Reduction	Adjusted Exit
210 - Single-Family Detached Housing	0 %	55	0 %	166
220 - Multifamily Housing (Low-Rise)	0 %	35	0 %	118
251 - Senior Adult Housing - Detached	0 %	17	0 %	34
252 - Senior Adult Housing - Attached	0 %	4	0 %	8
482 - Water Slide Park	0 %	16	0 %	7

⁽⁰⁾ indicates size out of range.(1) indicates small sample size, use carefully.

INTERNAL TRIPS

210 - Single-Fam	ily Detached Ho	I	220 - Multifamily Housing (Low-Rise)								
Exit 166	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	35		
Entry 55	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	118		
210 - Single-Fam	ily Detached Ho	ousing	I		251 - Seni	or Ad	ult Housing -	Detache	ed		
Exit 166	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	17		
Entry 55	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	34		
210 - Single-Fam	ily Detached Ho	ousing)		252 - Seni	or Ad	ult Housing -	Attache	ed		
Exit 166	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	4		
Entry 55	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	8		
210 - Single-Fam	ily Detached Ho	ousing	ı				482 - Water \$	Slide Pa	rk		
Exit 166	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	16		
Entry 55	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	7		
220 - Multifamily	220 - Multifamily Housing (Low-Rise) 251 - Senior Adult Housing - Detached										
Exit 118	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	17		
Entry 35	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	34		
220 - Multifamily	Housing (Low-	Rise)			252 - Seni	or Ad	lult Housing -	Attache	ed		
Exit 118	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	4		
Entry 35	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	8		
220 - Multifamily	Housing (Low-	Rise)					482 - Water \$	Slide Pa	rk		
Exit 118	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	16		
Entry 35	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	7		
251 - Senior Adu	ilt Housing - Det	ache	i		252 - Seni	ior Ad	lult Housing -	Attache	ed		
Exit 34	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	4		
Entry 17	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	8		
251 - Senior Adu	ılt Housing - Det	tached	d				482 - Water \$	Slide Pa	rk		
Exit 34	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	16		
Entry 17	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	7		

252 - Senior Adult Housing - Attached

482 - Water Slide Park

Exit 8 Demand Exit: 0 % (0)

Balanced: Demand Entry: 0 % (0)

Entry 16

Entry 4 Demand Entry: 0 % (0) Balanced: Demand Exit: 0 % (0) Exit 7

210 - Single-Family Detached Housing

		Internal Trips					
	Total Trips	220 - Multifamily Housing (Low- Rise)	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips
Entry	55 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	55 (100%)
Exit	166 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	166 (100%)
Total	221 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	221 (100%)

220 - Multifamily Housing (Low-Rise)

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips
Entry	35 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	35 (100%)
Exit	118 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	118 (100%)
Total	153 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	153 (100%)

251 - Senior Adult Housing - Detached

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low- Rise)	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips
Entry	17 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	17 (100%)
Exit	34 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	34 (100%)
Total	51 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	51 (100%)

252 - Senior Adult Housing - Attached

	1	Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low- Rise)	251 - Senior Adult Housing - Detached	482 - Water Slide Park	Total	External Trips
Entry	4 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	4 (100%)
Exit	8 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	8 (100%)
Total	12 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	12 (100%)

482 - Water Slide Park

	1	Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low- Rise)	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	Total	External Trips
Entry	16 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	16 (100%)
Exit	7 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	7 (100%)
	1						

Total | 23 (100%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 23 (100%)

EXTERNAL TRIPS

Land Use	External Trips	Pass-by%	Pass-by Trips	Non-pass-by Trips
210 - Single-Family Detached Housing	221	0	0	221
220 - Multifamily Housing (Low-Rise)	153	0	0 ·	153
251 - Senior Adult Housing - Detached	51	0	0	51
252 - Senior Adult Housing - Attached	12	0	0	12
482 - Water Slide Park	23	0	0	23

ITE DEVIATION DETAILS

Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Landuse No deviations from ITE.

Methods No deviations from ITE.

External Trips

210 - Single-Family Detached Housing (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

220 - Multifamily Housing (Low-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

251 - Senior Adult Housing - Detached (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

252 - Senior Adult Housing - Attached (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

482 - Water Slide Park (General Urban/Suburban)

ITE does not recommend a particular pass-by% for this case.

SUMMARY

Total Entering	127
Total Exiting	333
Total Entering Reduction	0
Total Exiting Reduction	0
Total Entering Internal Capture Reduction	0
Total Exiting Internal Capture Reduction	0
Total Entering Pass-by Reduction	0

Total Exiting Pass-by Reduction

Total Entering Non-Pass-by Trips

Total Exiting Non-Pass-by Trips

PERIOD SETTING

Analysis Name :

New Analysis

Project Name :

West Lake - Proposed

No:

Date:

1/16/2021

City:

State/Province:

Zip/Postal Code:

Country:

Client Name:

Analyst's Name:

Edition:

Trip Gen Manual, 10th Ed

Land Use	Independent Variable	Size	Time Period	Method	Entry	Exit	Total
210 - Single-Family Detached Housing (General Urban/Suburban)	Dwelling Units	305	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Best Fit (LOG) Ln(T) = 0.96Ln(X) +0.2	186 63%	110 37%	296
220 - Multifamily Housing (Low-Rise) (General Urban/Suburban)	Dwelling Units	340	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Best Fit (LOG) Ln(T) = 0.89Ln(X) +-0.02	111 63%	65 37%	176
251 - Senior Adult Housing - Detached (General Urban/Suburban)	Dwelling Units	135	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Best Fit (LOG) Ln(T) = 0.78Ln(X) +0.28	37 61%	24 39%	61
252 - Senior Adult Housing - Attached (General Urban/Suburban)	Dwelling Units	60	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Average 0.26	9 56%	7 44%	16
482 - Water Slide Park (General Urban/Suburban)	Parking Spaces	286 ⁽⁰⁾	Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.	Average 0.28	17 ⁽¹⁾ 21%	63 ⁽¹⁾ 79%	80 ⁽¹⁾

TRAFFIC REDUCTIONS

Land Use	Entry Reduction	Adjusted Entry	Exit Reduction	Adjusted Exit
210 - Single-Family Detached Housing	0 %	186	0 %	110
220 - Multifamily Housing (Low-Rise)	0 %	111	0 %	65
251 - Senior Adult Housing - Detached	0 %	37	0 %	24
252 - Senior Adult Housing - Attached	0 %	9	0 %	7
482 - Water Slide Park	0 %	17	0 %	63

⁽⁰⁾ indicates size out of range.(1) indicates small sample size, use carefully.

INTERNAL TRIPS

210 - 9	Single-Fam	ily Detached Ho	using	I	220 - Multifamily Housing (Low-Rise)					
Exit	110	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	111
Entry	186	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	65
210 - 8	210 - Single-Family Detached Housing					251 - Senio	or Ad	ult Housing -	Detach	ed
Exit	110	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	37
Entry	186	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	24
210 - 8	Single-Fam	ily Detached Ho	using	l		252 - Seni	or Ad	ult Housing -	Attach	ed
Exit	110	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	9
Entry	186	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	7
210 - 5	Single-Fam	ily Detached Ho	using	I				482 - Water \$	Slide Pa	ırk
Exit	110	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	17
Entry	186	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	63
220 - N	Multifamily	Housing (Low-F	Rise)		251 - Senior Adult Housing - Detache					ed
Exit	65	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	37
Entry	111	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	24
220 - N	Multifamily	Housing (Low-F	Rise)			252 - Seni	or Ad	ult Housing -	Attach	ed
Exit	65	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	9
Entry	111	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	7
220 - N	Multifamily	Housing (Low-F	Rise)					482 - Water S	Slide Pa	ırk
Exit	65	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	17
Entry	111	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	63
251 - 9	Senior Adu	lt Housing - Det	ached	i		252 - Seni	or Ad	lult Housing -	Attach	ed
Exit	24	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	9
Entry	37	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	7
251 - 8	Senior Adu	It Housing - Det	ached	i				482 - Water \$	Slide Pa	ırk
Exit	24	Demand Exit:	0 %	(0)	Balanced: 0	Demand Entry:	0 %	(0)	Entry	17
Entry	37	Demand Entry:	0 %	(0)	Balanced: 0	Demand Exit:	0 %	(0)	Exit	63

252 - Senior Adult Housing - Attached

482 - Water Slide Park

Demand Exit: 0 % (0)

Balanced: 0

Demand Entry: 0 % (0)

Entry 17

Entry 9

Demand Entry: 0 % (0)

Balanced: 0

Demand Exit: 0 % (0)

Exit 63

210 - Single-Family Detached Housing

	Total Trips y 186 (100%)	Internal Trips							
		220 - Multifamily Housing (Low- Rise)	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips		
Entry	186 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	186 (100%)		
Exit	110 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	110 (100%)		
Total	296 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	296 (100%)		

220 - Multifamily Housing (Low-Rise)

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips
Entry	111 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	111 (100%)
Exit	65 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	65 (100%)
Total	176 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	176 (100%)

251 - Senior Adult Housing - Detached

		Internal Trips						
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low- Rise)	252 - Senior Adult Housing - Attached	482 - Water Slide Park	Total	External Trips	
Entry	37 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	37 (100%)	
Exit	24 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	24 (100%)	
Total	61 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	61 (100%)	

252 - Senior Adult Housing - Attached

		Internal Trips					
	Total Trips	210 - Single- Family Detached Housing	220 - Multifamily Housing (Low- Rise)	251 - Senior Adult Housing - Detached	482 - Water Slide Park	Total	External Trips
Entry	9 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	9 (100%)
Exit	7 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	7 (100%)
Total	16 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	16 (100%)

482 - Water Slide Park

	Total Trips 17 (100%)	Internal Trips					
		210 - Single- Family Detached Housing	220 - Multifamily Housing (Low- Rise)	251 - Senior Adult Housing - Detached	252 - Senior Adult Housing - Attached	Total	External Trips
Entry	17 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	17 (100%)
Exit	63 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	63 (100%)
			71				

Total 80 (100%) 0 (0%) 0 (0%) 0 (0%) 0 (0%) 80 (100%)

EXTERNAL TRIPS

Land Use	External Trips	Pass-by%	Pass-by Trips	Non-pass-by Trips
210 - Single-Family Detached Housing	296	0	0	296
220 - Multifamily Housing (Low-Rise)	176	0	0	176
251 - Senior Adult Housing - Detached	61	0	0	61
252 - Senior Adult Housing - Attached	16	0	0	16
482 - Water Slide Park	80	0	0	80

ITE DEVIATION DETAILS

Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Landuse

No deviations from ITE.

Methods

No deviations from ITE.

External Trips

210 - Single-Family Detached Housing (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

220 - Multifamily Housing (Low-Rise) (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

251 - Senior Adult Housing - Detached (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

252 - Senior Adult Housing - Attached (General Urban/Suburban) ITE does not recommend a particular pass-by% for this case.

482 - Water Slide Park (General Urban/Suburban)

ITE does not recommend a particular pass-by% for this case.

SUMMARY

Total Entering	360
Total Exiting	269
Total Entering Reduction	0
Total Exiting Reduction	0
Total Entering Internal Capture Reduction	0
Total Exiting Internal Capture Reduction	0
Total Entering Pass-by Reduction	0

Total Exiting Pass-by Reduction

Total Entering Non-Pass-by Trips

Total Exiting Non-Pass-by Trips